



# REGION VI PLANNING & DEVELOPMENT COUNCIL

Multi-Jurisdictional  
Hazard Mitigation Plan

**REGION VI PLANNING AND DEVELOPMENT COUNCIL**  
**HAZARD MITIGATION PLAN**  
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# **SECTION 1.0**

# **INTRODUCTION**

Section 1.0 provides introductory material for the regional Hazard Mitigation Plan (HMP). This section presents an overall purpose statement, documents the process used to develop the plan, and describes the planning area in detail.

## 1.1 PURPOSE STATEMENT

This multi-jurisdictional hazard mitigation plan has been completed in accordance with Section 322 of the Robert T. Stafford Disaster Relief and Emergency Assistance Act, as enacted by Section 104 of the Disaster Mitigation Act of 2000. The guidelines for the completion of this plan appear in the Code of Federal Regulations (CFR) under Title 44: Emergency Services, Part 201.6. The West Virginia Division of Homeland Security and Emergency Management (WVDHSEM) further monitored the planning process. Funding for the project was distributed by the WVDHSEM under the Pre-Disaster Mitigation (PDM) program.

The Region VI Planning & Development Council (PDC) acted as the lead agency for the completion of this plan. Originally, the individual counties completed multi-jurisdictional hazard mitigation plans that included the municipalities within those counties. These plans were completed in 2003 and 2004. Later, between 2007 and 2009, the counties updated their plans. Finally, as per a WVDHSEM request to consolidate the plans and ensure a level of consistency between each of the jurisdictions, the PDC contracted the creation of this document out; it was completed between April, 2010, and March, 2012.

The *Region VI Multi-Jurisdictional Hazard Mitigation Plan* is considered “multi-jurisdictional” for several reasons. In addition to the six (6) county governing bodies, all 39 municipal member governments participated in the data compilation and action plan development through the efforts of individual county offices of emergency management or county planning commissions and the PDC. All municipalities are represented by at least one (1) project in the action plan. Further, all government entities in Region VI formally adopted the plan by resolution.

It is significant to note that this document mimics the all-hazards approach that the local emergency management community takes as part of its regular operation. Such a decision was considered prudent because, by and large, county-level emergency management offices throughout Region VI are the ones charged with the maintenance and implementation (at a coordinating level) of many of the strategies listed in this plan.

As such, this document assumes that the responsibility for mitigation activities rests with the lowest affected jurisdictional level, which is also consistent with the National Incident Management System (NIMS).

A number of documents were utilized as resources throughout the development of the HMP. References to these documents are, at times, direct and cited; other references are indirect and implied. This paragraph serves to formally recognize these documents.

- *City of Bridgeport Planning and Zoning Code*
- *City of Clarksburg Building Code*
- *City of Clarksburg Planning and Zoning Code*
- *City of Fairmont Planning and Zoning Code*
- *City of Morgantown Comprehensive Plan*
- *City of Morgantown Zoning Ordinance*
- *Clarksburg Comprehensive Plan*
- *Doddridge County Multi-Jurisdictional Hazard Mitigation Plan*
- *Harrison County Hazard Mitigation Plan*
- *Marion County Emergency Operations Plan*
- *Marion County Floodplain Ordinance*
- *Marion County Multi-Jurisdictional Hazard Mitigation Plan*
- *Monongalia County Emergency Operations Plan*
- *Monongalia County Multi-Jurisdictional Hazard Mitigation Plan*
- *Preston County Multi-Jurisdictional Hazard Mitigation Plan*
- *Taylor County Multi-Jurisdictional Hazard Mitigation Plan*
- *Region VI Planning & Development Council Regional Development Plan & Comprehensive Economic Development Strategy Plan*
- *Soil Survey of Doddridge County, West Virginia*
- *Soil Survey of Marion and Monongalia Counties, West Virginia*
- *Soil Survey of Preston County, West Virginia*
- *United Hospital Center Emergency Response Plan*

#### Organization of the Plan

This plan has been organized in a way that both follows the federal criteria for hazard mitigation plans and is user-friendly.

- **Section 1.0: Introduction:** Describes the process used to develop the plan as well as profiles the planning area.
- **Section 2.0: Risk Assessment:** Identifies and profiles the hazard risks most probable throughout the region. This section also analyzes the regional implications of the risks (i.e., how does an occurrence of a hazard in one county affect the neighboring county).
- **Section 3.0: Mitigation Strategy:** Identifies mitigation projects to be undertaken by the member governments in the region. Again, the regional implications of implementing these projects are examined.
- **Section 4.0: Plan Maintenance Process:** Identifies the process by which the member governments plan to update their own mitigation efforts as well as how this document is to be maintained.

## 1.2 DOCUMENTATION OF THE PLANNING PROCESS

§201.6(b) and 201.6(c)(1)

An open public involvement process is essential to the development of an effective plan. In order to develop a more comprehensive approach to reducing the effects of natural disasters, the planning process shall include:

- (1) An opportunity for the public to comment on the plan during the drafting stage and prior to plan approval;
- (2) An opportunity for neighboring communities, local and regional agencies involved in hazard mitigation activities, and agencies that have the authority to regulate development, as well as businesses, academia and other private and non-profit interests to be involved in the planning process; and
- (3) Review and incorporation, if appropriate, of existing plans, studies, reports, and technical information.

[The plan shall document] the planning process used to develop the plan, including how it was prepared, who was involved in the process, and how the public was involved.

To guide the completion of this plan, a multi-jurisdictional core planning team was established. This team was comprised of the “regional council” (whose composition includes local government and private sector members) and the county emergency managers. The regional council’s membership is as follows.

- Mayor of Albright
- Mayor of Anmoore
- Mayor of Barrackville
- Mayor of Blacksville
- Mayor of Brandonville
- City Manager, Bridgeport
- Mayor of Bruceton Mills
- Mayor of Farmington
- Mayor of Flemington
- City of Grafton
- Mayor of Grant Town
- Mayor of Granville
- Mayor Kingwood
- Mayor of Lost Creek
- Mayor of Tunnelton
- Mayor of Westover
- Mayor of Lumberport
- Mayor of Morgantown
- Mayor of Monongah
- Mayor of Mannington
- Town of West Milford
- Mayor of Worthington
- City of Salem
- City Manager, Shinnston
- Mayor of Star City
- Mayor of Stonewood
- Town of West Union
- Mayor of White Hall

- Mayor of Masontown
- Mayor of Newburg
- Mayor of Nutter Fort
- Mayor of Rivesville
- Mayor of Rowlesburg
- City Manager, Fairmont
- Mayor of Fairview
- Mayor of Terra Alta
- Mayor of Reedsville
- Mayor of Clarksburg
- Marion County Commissioner
- Preston County Commissioner
- Doddridge County Commission
- Taylor County Commissioner
- Monongalia County Commissioner
- Harrison County Commissioners
- Mayor of Pleasant Valley

The Region VI council also has private sector (i.e., public) representation from each county. The council contains two (2) members of the public from Doddridge County, five (5) each from Harrison, Marion, and Monongalia Counties, and three (3) each from Preston and Taylor Counties.

All of these members were also involved in the data collection and steering of the regional plan composition. Further, the offices of emergency management in Doddridge, Marion, Monongalia, Preston, and Taylor Counties as well as the planning commission in Harrison County served as the primary “Hazard Mitigation Planning Committee” (HMC) members. These offices serve as the coordinating agencies for hazard mitigation in their counties and provided significant input into the consolidation/creation of this document.

#### PLANNING PROCESS – CREATION OF THE REGIONAL DOCUMENT

As mentioned in Section 1.1 above, this document represents the third step in the evolution of the hazard mitigation plan. It is a consolidation of individual county plans compiled by the various member governments throughout Region VI. To accomplish this goal, the Planning and Development Council (PDC) hired a contractor to work with both the Council and its member governments to create a document that was truly regional, yet represented the individual interests of the PDC’s member governments. As a part of this effort, the contractor coordinated with each county to update any projects and/or risks necessary since the 2007/2009 updates. This document represents a new direction for mitigation planning throughout Region VI.

The PDC frequently updated its member governments on the status of this project at regularly-scheduled Council meetings. Further, two (2) public meetings were

held at the PDC office to encourage public participation in the development of the document (May 26, 2011, and October 17, 2011). The meeting was not attended by anyone from the public. Further, upon completion of the update, the PDC published an advertisement in each of the local newspapers serving the region inviting the public to visit the PDC office, review the plan, and list any comments on a PDC-provided form. Further, the PDC posted the updated document and the comment form on its website.

## PLANNING PROCESS – PREVIOUS PLAN DEVELOPMENT AND UPDATES (BY COUNTY)

The remainder of Section 1.2 presents the planning processes used by the individual counties to both develop and update their HMPs between 2003 and 2010.

### Doddridge County

At the direction of the Doddridge County Office of Emergency Services (OES), Doddridge County and the Town of West Union have developed and conducted the first update to their Multi-Jurisdictional Hazard Mitigation Plan in an effort to indicate probable hazard risks, profile future hazard events, estimate damage and losses as a result of future hazard events, and advocate mitigative projects to reduce the effects of the identified hazards on the communities within the county. The plan's aim is to create safer, more disaster-resistant communities.

The Doddridge County Commission compiled a HMC, known as project stakeholders, to be responsible for the development, implementation and updating of the plan. The committee included representatives from the Doddridge County Office of Emergency Services, Doddridge County Economic Development Authority, West Union Town Council, Doddridge County Board of Education, Doddridge County Planning Commission, Doddridge County Emergency Medical Services, West Virginia Division of Natural Resources, Doddridge County Commission, West Virginia Division of Highways, and R.D. Zande & Associates, Inc.

The actions of the project stakeholders were continually documented in the local media, such as the local newspaper. As such, participating jurisdictions and the public were updated as to the status of the plan's preparation and the repercussions of not completing a plan. Further, with respect to the development of an action plan, two (2) stakeholders meetings and two (2) general public meetings were scheduled. The meetings addressed the development of the plan, as well as ways in which

agencies within the county could work together to implement the identified mitigation strategies.

Feedback received from the HMC and the public proved valuable in the development and updating of the plan. Several comments were received that resulted in the reevaluation of the proposed high-priority mitigative actions, as well as the risks that should be included in the plan. The public in attendance at the meetings showed a strong desire to be educated as to what it could do to assist mitigation. (One of the meetings was scheduled immediately preceding a county development authority meeting so as to increase attendance.) As a result, the plan has been tailored to Doddridge County's specific needs, and will prove to be a document that county residents can feel ownership of and utilize to make educated decisions that will reduce their vulnerability to hazards.

#### METHODOLOGY

The risk assessment phase of the mitigation plan was completed using a variety of research techniques. Federal Emergency Management Agency (FEMA) Geo-Hazards and other Internet sites were searched for historical hazard event records. R.D. Zande & Associates, Inc. conducted searches of local newspaper and media archives and existing reports and plans, which were on file with the governing bodies to assist in the determination of hazard susceptibility areas. Interviews and other discussions were conducted with numerous local officials, including first responders, insurance agents, and West Virginia Division of Highways officials, to ascertain the risks associated with particular hazards in specific areas of the county. After identifying the areas in which the hazards were most prominent, they were profiled and positioned into a base map of the county. This Geographic Information System (GIS)-based map contains several layers with information regarding the individual hazards. Within each of the denoted "hazard risk areas," assets (structures, utilities, etc.) were inventoried and loss estimates were calculated for each of the inventoried assets with respect to that particular hazard. The general public of Doddridge County was further involved in the process as information was gathered from the county's assets to complete loss estimates. The county's contractor contacted representatives from each of these assets, explaining the process and collecting ideas.

Following the completion of the risk assessment, the HMC used information

such as hazard profiles and loss estimates to formulate mitigation goals, objectives, and strategies. For this phase of the project, the HMC met separately to discuss baseline strategies. Such an action was reasoned most appropriate, as project stakeholders are individuals that deal with hazard events on a regular basis and will be directly affected by the plan. Members of the HMC were notified via memoranda and telephone correspondence from the county commission. The stakeholders' ideas were used as a starting point for further planning steps.

The baseline mitigation strategies were presented to the public at the general public meetings to ensure fair participation from all sectors of the county. These meetings were not well attended, but those in attendance provided valuable insight that was used in the development of the plan. These meetings were publicized at public county commission meetings, as well as on the front page of the local newspaper.

In an effort to obtain greater public comment, the commission's contractor distributed Households Hazard Preparedness Questionnaires to members of the general public. These questionnaires allowed members of the general public to participate in the process without requiring a presentation in front of a crowd. They also were a convenient form of participation in terms of work schedules, etc. The Doddridge County Commission received many completed questionnaires for inclusion into the planning document.

#### FORMAL ADOPTION OF THE PLAN

The Doddridge County Commission and the Town of West Union worked cooperatively to complete and update this hazard mitigation plan. To show each entity's dedication to completing and updating of this project, a letter of agreement was signed by each preceding the start of the planning process. Following the completion of the original plan and updated plan, both entities adopted formal resolutions to implement the plan in their jurisdiction.

Copies of the adopting documents were included in the plan. Also, a letter was sent to appropriate organizations and civic groups throughout Doddridge County, notifying them of the adoption of the plan and plan's relevance to them. A copy of the form letters used is also included.

Harrison County

ORIGINAL PLAN DEVELOPMENT

The Harrison County Bureau of Emergency Services, Bridgeport Office of Emergency Services, and the Harrison County Planning Commission developed the *Harrison County Hazard Mitigation Plan* in a cooperative manner. The first step was identification of the different community partners – individuals representing various functions that should be involved in the planning process. Further, a plan was developed to ensure public participation.

Below is a summary of functions found to be necessary components of the planning process.

1. Infrastructure
2. Healthcare
3. Government
4. Education
5. Volunteer and community-based organizations
6. Business and industry
7. General public

The above functions were addressed by representatives from the following:

- Veterans Administration Medical Center
- Jan-Care Ambulance Service
- Harrison County Emergency Medical Service
- City of Shinnston
- Town of West Milford
- Town of Lost Creek
- Enlarged Hepzibah Public Service District
- Greater Harrison County Public Service District
- Harrison/Clarksburg Health Department
- Town of Lumberport
- City of Salem
- Harrison County Appraisers
- Harrison County Surveyors
- American Red Cross
- Town of Anmoore
- Harrison County Planning Commission
- Town of Nutter Fort
- City of Stonewood
- Harrison County Bureau of Emergency Services
- Bridgeport Office of Emergency Services

- City of Clarksburg
- Clarksburg Water Board
- Dominion Hope
- Verizon
- Harrison County Solid Waste Authority
- WBOY-TV
- United States Department of Agriculture (USDA)
- Harrison/Marion Regional Airport
- West Virginia Division of Highways (WVDOH)
- Harrison County Senior Citizens Center
- Harrison County Volunteer Fire Departments
- Citizens of Harrison County

Members from these agencies formed focus groups. These groups met four (4) times during a three (3) month period. These groups reviewed the following plans and documents in an effort to ascertain which elements could be integrated into the *Harrison County Hazard Mitigation Plan*.

- Harrison County, Bridgeport, and Clarksburg comprehensive plans
- Health department and hospital emergency plans
- Harrison County Bureau of Emergency Services plans
- Harrison County, Bridgeport, and Clarksburg subdivision regulations
- Permitting ordinances, including floodplain for all municipalities and Harrison County
- Data maintained by the bureau of emergency services, planning commission, weather service, utilities, Soil Conservation Service, and other critical facilities

During these focus group meetings, the groups addressed the following questions:

- What area within your jurisdiction are potential disasters?
- What are your current policies, issues, and challenges?
- What needs changing in your organization/jurisdiction based upon the past and possibly what might happen in the future?
- What types of indicators are necessary to track the success of goals?
- What strategies will be used to attain goals that are short, medium, long term, and on-going?
- Are the strategies cost effective?

- Are the strategies easy to keep within budget?
- Who are the responsible parties?
- What would happen if no actions were taken?
- How will we monitor our progress?
- What schedule and procedures will be used for plan review – including public hearings?

The information derived from the meetings that were held formed the basis for the goals and objectives, actions, and evaluation systems contained in this plan.

As required by the Citizen Participation Plan and the Disaster Mitigation Act of 2000, a public hearing was conducted to obtain citizen views and comments for inclusion in the plan. Notice of public hearing was placed in the newspaper on March 22, 2003, and the first meeting was held on April 18, 2003. No one from the public attended.

#### FIRST UPDATE

This project serves as the first formal update of the plan for Harrison County and the municipalities therein. As the primary coordinator of the original Harrison County plan, the Harrison County Planning Commission was involved extensively in this project. The planning commission provided direct input into the determinations of updated project status as well as floodplain management throughout the county. The planning commission was also encouraged to extensively review this draft document upon its completion. It is also significant to note that, as part of its original plan development, Harrison County created a “citizen participation plan”. That document is still viable and is included in Appendix 4.

#### Marion County

##### ORIGINAL PLAN DEVELOPMENT

The original plan was prepared by utilizing a Homeland Security Vista volunteer. The worker was hired to prepare the plan as a living document as Marion County did not have the personnel or funds to compile the manual alone.

The process of creating the original document involved much research on historical disaster data by searching various sources in the community, federal agencies, state agencies, local business owners, insurance companies, and local

government agencies. Other resources such as county maps, library books, newspaper articles, various internet websites, etc. were also utilized.

With respect to the development of an action plan, two (2) special stakeholders portions of Local Emergency Planning Committee (LEPC) meetings and two (2) general public meetings were scheduled to discuss the risks to which the county was susceptible, as well as projects that could better prepare the county to cope with those risks.

Feedback received from the stakeholders and the public proved valuable in the development of the plan. Several comments resulted in the re-evaluation of proposed high-priority mitigation strategies. These comments also assisted with the development of the list of hazards to include in the plan. (For instance, mine subsidence was included in the landslide discussion as a result of these comments.)

#### FIRST UPDATE

To guide the completion of the plan at the local level, a multi-jurisdictional core planning team was established. This team was comprised of key officials with a stake in mitigation, and included the following.

- Mr. Randy Elliot, Marion County Commissioner
- Mr. Alan Parks, Marion County Commissioner
- Mr. Wayne Stutler, Marion County Commissioner
- Mr. Junior Slaughter, Marion County Sheriff
- Mr. Rodger Wilson, Fairmont Fire Department
- Mr. James Moore, Marion County Health Department
- Mayors of the cities of Fairmont, Mannington, and Pleasant Valley, the towns of Barrackville, Fairview, Farmington, Grant Town, Monongah, Rivesville, Whitehall, and Worthington
- Mr. Chris McIntire, Marion County Department of Homeland Security and Emergency Management Director
- Mr. James Kosik, Fairmont General Hospital
- Mr. Derek Eskew, JH Consulting, LLC

The first mitigation plan update was completed in the latter half of 2008 and through the early parts of 2009. The original HMC, with additions or changes in

membership resulting from elections, new hires, etc., met a total of three (3) times to update the plan. The Marion County Commission decided to hire a consultant to facilitate the completion of the update; JH Consulting, LLC from Buckhannon, West Virginia was chosen. The major items of revision included: project updating, risk assessment re-analysis, updating project prioritization, and re-formatting the plan.

The first committee meeting was held on July 17, 2008, at the Marion County Courthouse at 2:00 p.m. This meeting was combined with an LEPC meeting. The contractor discussed the additions to the hazard event list and generally the hazard inclusions into the risk assessment. Also, the contractor distributed questionnaires to each committee member, asking them to list the hazard to which they felt the community was most vulnerable along with a project to mitigate that hazard. The purpose of this exercise was to correlate public opinion to research findings. Committee members were also asked to assist in the development of a matrix to be used to prioritize updated mitigation projects.

The second committee meeting was advertised and opened to the public. (A public notice was printed in *The Times West Virginian*.) This meeting was held on October 16, 2008 at 1:00 p.m. at the Marion County Courthouse. The purpose of this meeting was to review a draft risk assessment materials and approve the project list. The majority of attendees were HMC members; however, representatives from the LEPC, Fairmont General Hospital, the county health department, Fairmont Fire Department, and a member of the general public were also in attendance.

Finally, a public meeting was held at the J. Harper Meredith Building on November 20, 2008 at 1:00 p.m. This meeting was advertised in *The Times West Virginian*. Marion County Health Department personnel, a member of the general public, office of emergency management personnel, a Fairmont General Hospital representative and the contractor attended. As such, a sign-in sheet was not completed. Attendees simply ranked project groupings in an effort to determine a priority for updated mitigation projects.

In addition to these meetings, the contractor attended a Local Emergency Planning Committee (LEPC) meeting to discuss the status of the project. A variety of community members were involved throughout, as representatives from community assets were asked to indicate their opinions on hazard vulnerability and to suggest mitigation projects. Local officials such as the county assessor, economic development representative, and a hospital operations official were interviewed

regarding hazard vulnerability. Further, a “Household Hazards Preparedness Questionnaire” was distributed to solicit comments from the general public. As a result, significant involvement from multiple sectors in Marion County contributed to the update of the plan despite poor attendance at scheduled public meetings. Additionally, letters will be sent to neighboring counties by the county DHSEM to notify them of the plan update and completion. Letters will invite those counties to review the completed plan and offer comments or suggestions to better help the counties work together towards a common objective.

### Monongalia County

#### ORIGINAL PLAN DEVELOPMENT

To guide the completion of the plan at the local level, a multi-jurisdictional core planning team was established. This team was comprised of key officials with a stake in mitigation, and included the following.

- Monongalia County Office of Emergency Management (OEM)
- Monongalia County Planning
- Monongalia County Health Dept.
- West Virginia University
- American Red Cross
- Morgantown Utility Board
- Monongalia County Schools
- Monongalia County Commission
- Town of Blacksville
- Town of Granville
- City of Morgantown
- Town of Star City
- City of Westover
- JH Consulting, LLC

The actions of project stakeholders were documented in The Dominion Post, Monongalia County’s local newspaper. As such, the public was periodically updated as to the status of the plan’s preparation. Further, with respect to the development of an action plan, three (3) special stakeholders meetings and three (3) general public meetings were scheduled to discuss formulation of the plan and ways in which county agencies could work together to implement identified mitigation strategies. It is significant to note that the project stakeholders had been meeting for approximately six (6) months prior to the start of the action plan.

Public meetings were poorly attended. They were publicized in the local newspaper (the paper also provided coverage of the stakeholders meetings). The Monongalia County Office of Emergency Management staged the third of the public

meetings on the local public access television channel with a call-in service for residents to voice their opinions. This program aired several times. No public comment was received as a result of the television program.

Feedback received from the stakeholders proved valuable in the development of the plan. Several comments were received that resulted in the re-evaluation of the proposed high-priority mitigative actions as well as the risks that should be included in the plan. As a result, the plan was tailored to Monongalia County's specific needs.

The risk assessment phase of the mitigation plan was completed using a variety of research techniques. FEMA GeoHazards and other Internet sites were searched for historical hazard event records. R.D. Zande & Associates, Inc. conducted reviews of existing reports and plans, which were on file with the Monongalia County Office of Emergency Management to assist in the determination of hazard susceptibility areas. Interviews and other discussions were conducted with numerous local officials, including first responders, insurance agents, and West Virginia Division of Highways officials, to ascertain the risks associated with particular hazards in specific areas of the county. After identifying the areas in which the hazards were most prominent, they were profiled and positioned into a base map of the county. This GIS-based map contained several layers with information regarding the individual hazards. Within each of the denoted "hazard risk areas", assets (structures, utilities, etc.) were inventoried and loss estimates were calculated for each of the inventoried assets with respect to that particular hazard. The general public of Monongalia County was further involved in the process as information was gathered from the county's assets to complete loss estimates. The OEM's contractor contacted representatives from each of these assets, explaining the process and collecting ideas.

In an effort to obtain greater public comment, the OEM's contractor provided and distributed Households Hazards Preparedness Questionnaires to members of the general public and county civic organizations. These questionnaires allowed members of the general public to participate in the process without requiring a presentation in front of a crowd. These questionnaires were also a convenient form of participation in terms of work schedules, etc. The OEM received many completed questionnaires for inclusion into the planning document.

Governmental units in Monongalia County worked cooperatively to complete

this hazard mitigation plan. To show each entity's dedication to completing this project, a letter of agreement was signed by each preceding the start of the planning process. Following the completion of the plan, all entities adopted formal resolutions to implement the plan in their jurisdiction.

#### FIRST UPDATE

The first mitigation plan update was completed throughout 2008 and in the first quarter of 2009. A total of three (3) stakeholders meetings were held as part of the process (the last two of which were advertised and open to the public).

This initial stakeholders meeting, held on March 7, 2008, was to re-familiarize the stakeholders group with each other and the hazard mitigation planning process. The OEM's contractor, JH Consulting, LLC, reviewed items that would be updated. The contractor further solicited input from the committee. Committee members were asked to write down one hazard and one project for their jurisdictions. They were further asked to assist in developing project prioritization criteria. In general, items that were updated include the following:

- Update historical hazard data to include events that have occurred since the initial adoption of the plan,
- Update asset inventory,
- Detail flood hazards (to include repetitive loss properties),
- Update hazard status (to include creation of new strategies),
- Re-prioritize mitigation projects, and
- Strengthen the municipal presence in the plan.

The October 17, 2008 meeting was held primarily to finalize the hazards to be included (based on research that had been since the first stakeholders meeting) and to begin the process of updating the goals, objectives, and strategies list. On November 7, 2008, the stakeholders group met to review the updated project list and prioritize mitigation strategies.

The October and November meetings were advertised and open to the public. No representatives from the public attended. In an effort to facilitate on-going public participation, the OEM intends to publish a press release – upon the completion of this update – inviting the public to review the document at a variety of locations (likely the administrative offices of the participating jurisdictions). A “public

comment form” will be provided. If any member of the public wishes to comment on the plan, it will be documented for inclusion in the next update cycle.

### Preston County

At the direction of the Preston County OEM, Preston County and its municipalities have developed and conducted the first update to their Multi-Jurisdictional Hazard Mitigation Plan in a continuing effort to indicate probable hazard risks, profile future hazard events, estimate damage and losses as a result of future hazard events, and advocate mitigative projects to reduce the effects of the identified hazards on the communities within the county. The plan’s aim is to create safer, more disaster-resistant communities.

The Preston County Commission compiled a HMC, known as project stakeholders, to be responsible for the development, implementation and updating of the plan. The committee included primarily representatives from the municipalities within the county, and the emergency services organizations within the county (fire, police, EMS etc.). Other organizations that were involved in the process included; local utility providers, health care providers, and R.D. Zande & Associates, Inc.

The actions of the project stakeholders were continually documented in the local media, such as the local radio station, and newspaper. As such, participating jurisdictions and the public were updated as to the status of the plan’s preparation and the repercussions of not completing a plan. Further, with respect to the development of an action plan, one (1) special stakeholders meeting and two (2) general public meetings were scheduled to discuss formulation of the plan and suggest mitigation strategies. During the updating process two (2) public meetings and one (1) stakeholders meeting were held to review the existing plan and make necessary revisions based on changes that have taken place since the original plan was developed.

Feedback received from the HMC and the public proved valuable in the development and updating of the plan. Several comments were received that resulted in the re-evaluation of the risks that should be included in the plan, and mitigation strategies that should be implemented. The public that participated showed a strong desire to be educated as to what it could do to assist in mitigation efforts.

As a result, the plan has been tailored to Preston County’s specific needs,

and will prove to be a document county residents can feel ownership of and utilize to make decisions to reduce their vulnerability to hazards.

## METHODOLOGY

The risk assessment phase of the mitigation plan was completed and updated using a variety of research techniques. FEMA Geo-Hazards and other Internet sites were searched for historical hazard event records. R.D. Zande & Associates Inc. conducted searches of local newspaper archives and existing reports and plans, which were on file with the governing bodies in the county to assist in the determination of hazard susceptibility areas. Interviews and other discussions were conducted with numerous local officials, including first responders, insurance agents, and West Virginia Division of Highways officials, to ascertain the risks associated with particular hazards in specific areas of the county. After identifying the areas in which the hazards were most prominent, they were profiled and positioned into a base map of the county. This GIS-based map contains several layers with information regarding the individual hazards. Within each of the denoted "hazard risk areas", assets (structures, utilities etc.) were inventoried and loss estimates were calculated for each of the inventoried assets with respect to that particular hazard. The general public of Preston County was further involved in the process as information was gathered from the county's assets to complete loss estimates. The county's contractor contacted representatives from each of these assets, explaining the process and collecting ideas.

Following the completion of the updated risk assessment, the HMC used information such as the hazard profiles and loss estimations to formulate mitigation goals, objectives, and strategies. For this phase of the project, the HMC met separately to discuss baseline strategies. Such an action was reasoned most appropriate, as project stakeholders are individuals that deal with hazard events on a regular basis and will be directly affected by the implementation of the plan. Members of the HMC were notified via memoranda and telephone correspondence from the Office of Emergency Management. The stakeholders' ideas were used as a starting point for further planning steps.

The baseline mitigation strategies were presented to the public at the general public meetings to ensure the fair participation of all sectors of the county. These meetings were not well attended by the general public, but those in attendance

provided valuable insight that was used in the development and updating of the plan. (The HMC was represented well at the public meetings.) The meeting was publicized at public county commission meetings, as well as repeatedly in the local newspaper and on the local radio station. Local media providers also provided coverage of the meetings themselves, as a way to further update county residents as to the status of the plan.

In an effort to obtain greater public comment, the commission's contractor provided and distributed Households Hazard Preparedness Questionnaires to members of the general public. These questionnaires allowed members of the general public to participate in the process without requiring a presentation in front of a crowd. The questionnaires also were a convenient form of participation in terms of work schedules, etc. However, the Preston County Commission received few completed questionnaires for inclusion into the planning document.

#### FORMAL ADOPTION OF THE PLAN

The Preston County Commission and representatives from each of the county's municipalities worked cooperatively to complete and update this hazard mitigation plan. To show each entity's dedication to completing and updating this project, a letter of agreement was signed by each preceding the start of the planning process. Following the completion of the original plan and updated plan, all entities adopted formal resolutions to implement the plan in their jurisdiction.

Copies of the adopting documents were included in the plan. Also, a letter was sent to appropriate organizations and civic groups throughout Preston County, notifying them of the adoption of the plan and the plan's relevance to them. A copy of the form letter used is also included.

#### Taylor County

At the direction of the Taylor County Office of Emergency Services, Taylor County and its municipalities have developed and conducted the first update to their Multi-Jurisdictional All-Hazards Mitigation Plan in a continuing effort to indicate probable hazard risks, profile future hazard events, estimate damage and losses as a result of future hazard events, and advocate mitigation projects to reduce the effects of the identified hazards on the communities within the county. The plan's aim is to create safer, more disaster-resistant communities. The following plans were

integrated into this plan; the Taylor County Multi-Jurisdictional All-Hazards Mitigation Plan, 2003, Taylor County Emergency Operations Plan, and the Taylor County Continuity of Operations Plan. This plan will be utilized to assist in developing of future land use planning in Taylor County, as well as all other emergency planning efforts.

The planning process utilized in Taylor County was based on the Section 322 local planning requirements of the Disaster Mitigation Act of 2000 and supporting guidance documents developed by the FEMA and the West Virginia Division of Homeland Security and Emergency Management (WVDHSEM). The planning process included the following steps, which will be described in greater detail throughout the plan:

- Step 1: Establishment of a Core Planning Team
- Step 2: Conducting a Hazard Risk Assessment
- Step 3: Developing a Capabilities Assessment
- Step 4: Creating a Mitigation Plan
- Step 5: Adopt and Implement Plan

The original process in 2003 was led by the Taylor County Commission and supported by the planning and engineering firm R.D. Zande & Associates, Inc. This current, updated version was compiled by the Taylor County Office of Emergency Services (TCOES) staff and its Risk Assessment and Mitigation Planning Committee Members, as well as Stantec Consulting Services, Inc.

**TAYLOR COUNTY RISK ASSESSMENT & MITIGATION PLANNING COMMITTEE**

Name	Organization
Mark Knotts	Taylor County Office of Emergency Services, Director
Jeff Leach	Taylor County Emergency Communications, 911 Director
Dave Goble	County Commission of Taylor County, President
Bob Weaver	County Commission of Taylor County
Nancy Fowler	Taylor County Clerk
Robert Beltner	Taylor County Sheriff
Wayne Beall	Grafton Volunteer Fire Department
Roger Jefferson	West Virginia Division of Homeland Security and Emergency Management – State Hazard Mitigation Planner
Richard Rein	FEMA Region III
Doug Britvec	Stantec Consulting Services Inc.

**RISK ASSESSMENT AND MITIGATION PLANNING COMMITTEE**

One of the early acts of the Taylor County Risk Assessment and Mitigation Planning Committee was to establish a Risk Assessment and Mitigation Planning Committee to examine the community's risks and vulnerabilities to natural, technological, and man-made hazards. This committee, originally formed in February 2003, comprises representatives from federal, state, county, municipal, and private entities.

Due to recent federal regulations requiring local hazard mitigation plans, Taylor County decided to allocate the bulk of its funding and resources to hazard identification, risk assessment, and hazard mitigation planning activities. The Risk Assessment and Mitigation Planning Committee was tasked with most of the activities related to the development of this plan and was considered the Core Planning Team. Committee members have worked throughout the process from the initial crafting of the original Multi-Jurisdictional All-Hazards Mitigation Plan, to the development, revision and updating of the plan.

**TAYLOR COUNTY ALL-HAZARD MITIGATION PLANNING PROCESS TIMELINE**

<b>Date</b>	<b>Activity</b>	<b>Purpose</b>
February, 2003	Partnerships formed with community	Establish project partnership
February, 2003	Risk Assessment/Mitigation Planning Committee formed	Begin risk assessment and mitigation planning process
March, 2003	Contacted surrounding communities	For examples of hazard mitigation plans
March, 2003	Mitigation 101 Educational Workshop	Conducted for Risk Assessment/Mitigation Planning Committee
March, 2003	Kick off meetings	For public officials and general public
March, 2003	Legal notice in the local newspaper	Notification of public meeting
April-June, 2003	Risk Assessment/Mitigation Planning Committee meetings	Data collection
May, 2003	Gather existing information from agencies	Data collection
June, 2003	Obtained WVDHSEM Hazard Mitigation Planning Workshop information	Obtain additional information about mitigation planning and state support
June, 2003	Risk Assessment/Mitigation Planning Committee Meeting	Focus on risk assessment-data collection, hazard identification
July, 2003	Draft risk assessment and maps submitted	For review by core planning team and Core Planning Team
July, 2003	Risk Assessment/Mitigation Planning Committee (Core Planning Team) meeting	To present draft risk assessment and obtain comments
July, 2003	Risk Assessment/Mitigation Planning Committee (Core Planning Team) meeting	Develop goals and objectives for mitigation plan
August, 2003	Risk Assessment/Mitigation Planning Committee (Core Planning Team) meeting	Develop mitigation strategies

<b>Date</b>	<b>Activity</b>	<b>Purpose</b>
August, 2003	Draft Plan submitted	For review by core planning team and steering committee
August, 2003	Risk Assessment/Mitigation Planning Committee (Core Planning Team) meeting	To present draft plan and obtain comments
September, 2003	Public comment period	To obtain public comments
September, 2003	Core Planning Team meeting	Final plan review
October, 2003	Plan to WVDHSEM for review	To obtain state comments
October, 2003	Final plan submitted to Taylor County	Final version with revision incorporated
October, 2003	Taylor County Commission meeting	Presentation of plan for adoption
October, 2003	Grafton City Council meeting	Presentation of plan for adoption
October, 2003	Flemington Town Council meeting	Presentation of plan for adoption
May, 2007	WVDHSEM-Mitigation Department-Taylor County received fax regarding review process of the All Hazard Mitigation Plan and new update requirements	To notify the county regarding review process
August, 2008	TCOES Staff meeting	To review process and prepare for kick-off meeting to update the plan
September, 2008	Kick off meeting	To discuss updating the plan
September, 2008	Risk Assessment/Mitigation Planning Committee (Core Planning Team) meeting	Focus on risk assessment – data collection, hazard identification for five year update
September, 2008	Risk Assessment/Mitigation Planning Committee (Core Planning Team) meeting	Focus on risk assessment goals and objectives for five year update
October, 2008	Risk Assessment/Mitigation Planning Committee (Core Planning Team) plan update meeting	Focus on updating the loss estimations section; goals, objectives and strategies section, and all remaining sections
October, 2008	Legal Notice in the local newspaper	Notification of Public meeting
October, 2008	Public comment period	To obtain public comments
October, 2008	Core Planning Team meeting	Final plan review
October, 2008	Plan to WVDHSEM for review	To obtain state comments
October, 2008	Final plan submitted to Taylor County	Final version with revision incorporated
October, 2008	Taylor County Commission meeting	Presentation of plan for adoption
October, 2008	Grafton City Council meeting	Presentation of plan for adoption

## PUBLIC INVOLVEMENT

Throughout the initial process in 2003, there were several opportunities for public input. Two (2) public meetings were held at different stages in the process: the first to announce the kick-off of the project and describe the planning process; the second to present the initial findings of the draft risk assessment. Each of the meetings was advertised through legal notices in the local newspaper, The Mountain Statesman. The actions of the project stakeholders were documented in The Mountain Statesman as such the public was updated as to the status of the plan's preparation. Copies of the Taylor County Hazard Risk Assessment and draft plan were made available for the public at various viewing locations in the county and the

municipalities. Information about the planning process and copies of planning documents were also made available on the Taylor County website to allow the public, neighboring communities, businesses representative, academia, nonprofit organizations and other interested parties to view them.

During the revision of this document, the public has been invited to attend the Risk Assessment Committee Meeting. Copies of the updated/revised risk assessment plan were made available for the public at the Taylor County Office of Emergency Services during regular business hours.

## METHODOLOGY

The hazard risk assessment phase of the mitigation plan was completed and updated using a variety of research techniques. FEMA Geo-Hazards and other Internet sites were searched for historical hazard event records. Stantec Consulting Services Inc. conducted searches of local newspaper archives and existing reports and plans, which were on file with the governing bodies in the county to assist in the determination of hazard susceptibility areas. Interviews and other discussions were conducted with numerous local officials, including first responders, insurance agents, and West Virginia Division of Highways officials, to ascertain the risks associated with particular hazards in specific areas of the county. After identifying the areas in which the hazards were most prominent, they were profiled and positioned into a base map of the county. This GIS-based map contains several layers with information regarding the individual hazards. Within each of the denoted "hazard risk areas", assets (structures, utilities etc.) were inventoried and loss estimates were calculated for each of the inventoried assets with respect to that particular hazard. The general public of Taylor County was further involved in the process as information was gathered from the county's assets to complete loss estimates. The county's contractor contacted representatives from each of these assets, explaining the process and collecting ideas.

Following the completion of the updated risk assessment, the HMC used information such as the hazard profiles and loss estimations to formulate mitigation goals, objectives, and strategies. For this phase of the project, the HMC met separately to discuss baseline strategies. Such an action was reasoned most appropriate, as project stakeholders are individuals that deal with hazard events on a regular basis and will be directly affected by the implementation of the plan.

Members of the HMC were notified via memoranda and telephone correspondence from the County Commission. The stakeholders' ideas were used as a starting point for further planning steps. The baseline mitigation strategies were presented to the public at the general public meetings to ensure the fair participation of all sectors of the county.

#### RISK ASSESSMENT & MITIGATION PLANNING COMMITTEE/PUBLIC MEETINGS Stakeholders Meeting #1 (March 12, 2003)

The mitigation planning phase of the county's Multi-Jurisdictional All-Hazard Mitigation Plan project began with Stakeholders (Core Planning Team) Meeting #1. Several representatives from county agencies attended the meeting. Three (3) items were addressed at the meeting. First, the stakeholders reviewed the completed hazard risk assessment. The Taylor County Commission's contractor, R.D. Zande & Associates, Inc., addressed any questions.

Secondly, the stakeholders reviewed and amended an outline of the project schedule. Stakeholders discussed the appropriate number of general public forums to facilitate, as well as the style of public meetings to have (e.g., charette, hearing, etc.). The stakeholders decided to have two (2) general public meetings. Three meetings were scheduled at the Taylor County Courthouse Annex on March 19th and 20th at 6:30 p.m. and 3:00 p.m. respectively. These meetings were scheduled as such to allow maximum opportunity for the public to attend. Stakeholders also decided, as an outreach effort, to distribute household hazard preparedness questionnaires to civic groups throughout the county.

Thirdly, stakeholders generated baseline mitigation goals, objectives, and strategies. The stakeholders represent a broad range of county interests and used that range to generate mitigation goals, objectives, and strategies for many of the hazards identified in the risk assessment. These baselines were used during the general public forums as a means of spurring ideas. They were also analyzed by the general public and revised as necessary. Utility failure, hazardous materials incidents, winter storms, and flooding were particularly addressed as hazards that could be effectively mitigated.

#### General Public Forum #1 (March 19, 2003)

General Public Forum #1 was held on Wednesday, March 19, 2003 in the

Commission Meeting Room at the Taylor County Courthouse Annex in Grafton, West Virginia. The Taylor County Courthouse Annex is centrally located and easily accessible by all county residents. The meeting was scheduled at 6:30 p.m. There was very little public involvement at his general public forum.

#### General Public Forum #2 (March 20, 2003)

As a continuing effort to obtain public comment on the county's Multi-Jurisdictional All-Hazard Mitigation Plan, the Taylor County Commission and its contractor, R.D. Zande & Associates, Inc., held a second general public meeting. General Public Forum #2 was held on Thursday, March 20, 2003 at the Taylor County Courthouse Annex in Grafton, West Virginia. The meeting was conducted in a charette-style format with representatives from R.D. Zande & Associates present to answer questions about the various aspects of the mitigation planning process. Taylor County Commission representatives were present to answer questions specifically about the county's Mitigation Plan. There was very little public involvement at this general public meeting.

#### FORMAL ADOPTION OF THE PLAN

The Taylor County Multi-Jurisdictional All-Hazards Mitigation Plan was developed as a multi-jurisdictional plan; therefore, to meet the requirements of Section 322 the final plan was adopted by each of the municipalities as well as the county. Attached to this plan are the signed adoption letters for the county and each municipality.

The County Commission of Taylor County and representatives from each of the county's municipalities worked cooperatively to complete and update this Multi-Jurisdictional All-Hazards Mitigation Plan. Following the completion of the original plan and updated plan, all entities adopted formal resolutions to implement the plan in their jurisdiction.

## 1.3 REGION PROFILE

Region VI Planning and Development Council (PDC) is comprised of a total of 45 member governments, six (6) of which are counties and 39 of which are municipalities.

Table 1.3.1 lists the member governments.

**Table 1.3.1**

NAME	TYPE	COUNTY
Albright	Town	Preston
Anmoore	Town	Harrison
Barrackville	Town	Marion
Blacksville	Town	Monongalia
Brandonville	Town	Preston
Bridgeport	City	Harrison
Bruceston Mills	Town	Preston
Clarksburg	City	Harrison
Doddridge	County	N/A
Fairmont	City	Marion
Fairview	Town	Marion
Farmington	Town	Marion
Flemington	Town	Taylor
Grafton	City	Taylor
Grant Town	Town	Marion
Granville	Town	Monongalia
Harrison	County	N/A
Kingwood	City	Preston
Lost Creek	Town	Harrison
Lumberport	Town	Harrison
Mannington	City	Marion
Marion	County	N/A
Masontown	Town	Preston
Monongah	Town	Marion
Monongalia	County	N/A
Morgantown	City	Monongalia
Newburg	Town	Preston
Nutter Fort	Town	Harrison
Pleasant Valley	City	Marion
Preston	County	N/A
Reedsville	Town	Preston
Rivesville	Town	Marion
Rowlesburg	Town	Preston
Salem	City	Harrison
Shinnston	City	Harrison
Star City	Town	Monongalia

NAME	TYPE	COUNTY
Stonewood	City	Harrison
Taylor	County	N/A
Terra Alta	Town	Preston
Tunnelton	Town	Preston
West Milford	Town	Harrison
West Union	Town	Doddridge
Westover	City	Monongalia
White Hall	Town	Marion
Worthington	Town	Marion

Throughout the Region Profile section, Census 2010 data is used where available. For example, in the “Demographics” subsection below, 2010 population data was available and was used. In other areas (e.g., “Economy” subsection), certain employment figures using 2010 had not been calculated at the time this plan was completed. Some of those figures were based on 2000 Census data; others were based off of mid-decade estimates. In all instances, the appropriate year of the data is noted.

Transportation

The transportation network of the Region VI area includes four (4)-lane, divided highways, two (2)-lane roadways, and single-lane roadways. This network passes through a largely rural and mountainous area, though the I-79 corridor has seen rapid commercial, industrial, and residential development in recent years. The primary transportation routes through Region VI are as follows:

- Interstate 68
- Interstate 79
- US Route 50

Secondary routes are as follows:

- US Route 19
- US Route 119
- US Route 250
- State Route 7
- State Route 18
- State Route 20
- State Route 23

- State Route 26
- State Route 92

Interstates 68 and 79 as well as US Route 50 from Interstate 79 west are four (4)-lane divided highways. These routes see the highest density of traffic in the region and serve as major arterial routes for commerce throughout the region (and between Charleston, West Virginia and Pittsburgh, Pennsylvania). As a result, these routes are well-maintained. It is significant to note that a number of segments of I-79 in the region are undergoing construction to meet the needs of a growing region.

Economy

In all six (6) counties, the economy (i.e., local work force) is driven by government; the trade, transportation, and utilities industries; and the education and health services industry. Other industries with significant work forces vary considerably from county to county. For example, Monongalia County’s education and health services work force is high on account of West Virginia University and an extensive health and medical infrastructure. In other areas such as Taylor County, the leisure and hospitality workforce is higher on account of such resources as Tygart Lake State Park). Table 1.3.2 shows the top four (4) industries in each county, with the number of individuals employed by each.

**Table 1.3.2**

<b>Top Industries by Jurisdiction</b>				
<i>County</i>	<i>INDUSTRY 1 Name (#)</i>	<i>INDUSTRY 2 Name (#)</i>	<i>INDUSTRY 3 Name (#)</i>	<i>INDUSTRY 4 Name (#)</i>
Doddridge	Government (506)	Education & Health Services (152)	Trade, Transportation, Utilities (151)	Construction (87)
Harrison	Government (8,241)	Trade, Transportation, Utilities (7,590)	Education & Health Services (5,352)	Leisure & Hospitality (3,078)
Marion	Government (4,184)	Trade, Transportation, Utilities (3,644)	Professional & Business Services (2,708)	Education & Health Services (2,055)
Monongalia	Education & Health Services (11,446)	Government (11,217)	Trade, Transportation, Utilities (7,446)	Leisure & Hospitality (5,992)
Preston	Government (2,294)	Trade, Transportation, Utilities (1,270)	Education & Health Services (745)	Construction (638)

Taylor	Government (1,135)	Trade, Transportation, Utilities (519)	Education & Health Services (300)	Leisure & Hospitality (277)
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Source: WVBEP

Figures 1.3.1 through 1.3.6 depict the non-farm employment in each county as of August, 2011.

**Figure 1.3.1 – Doddridge County**

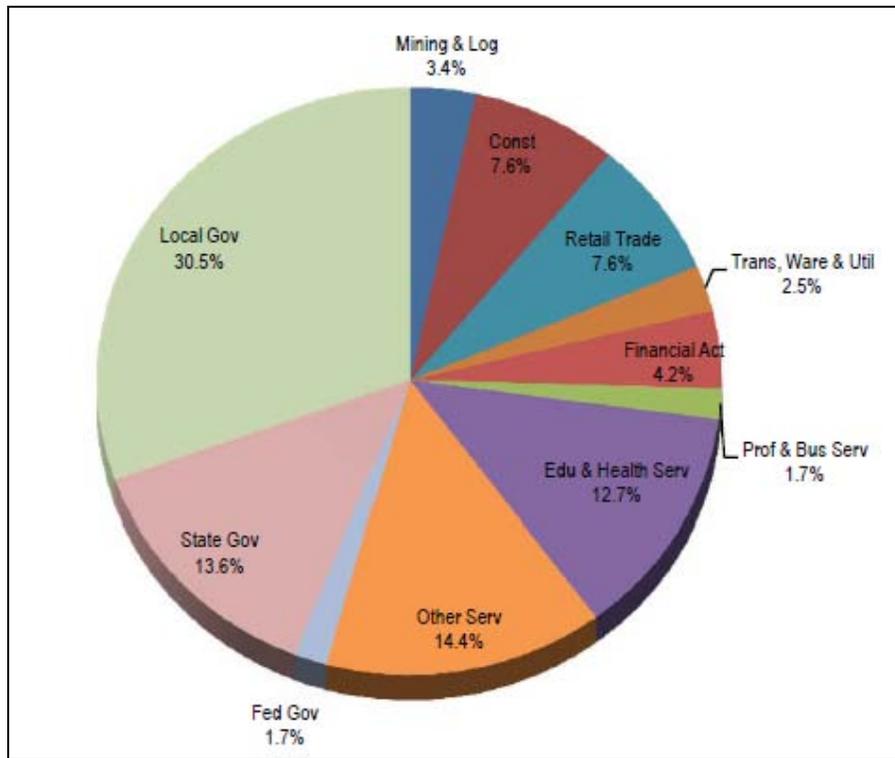


Figure 1.3.2 – Harrison County

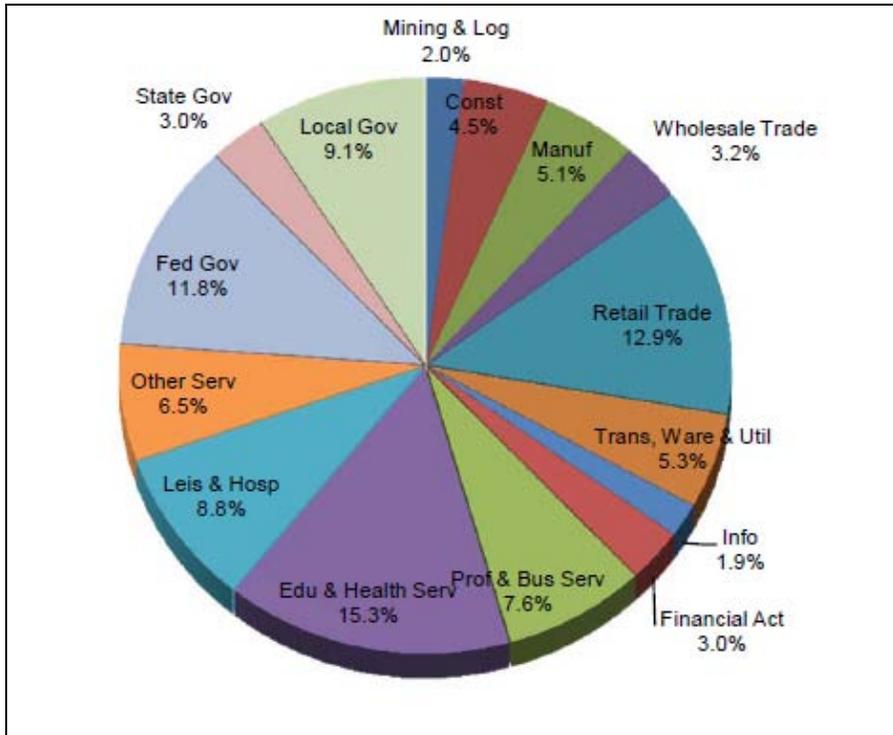
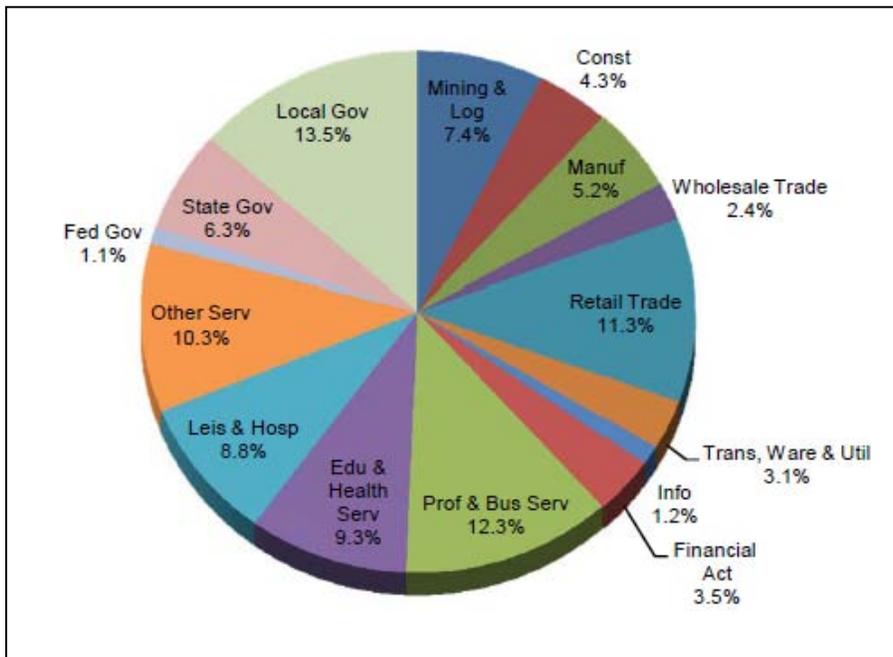
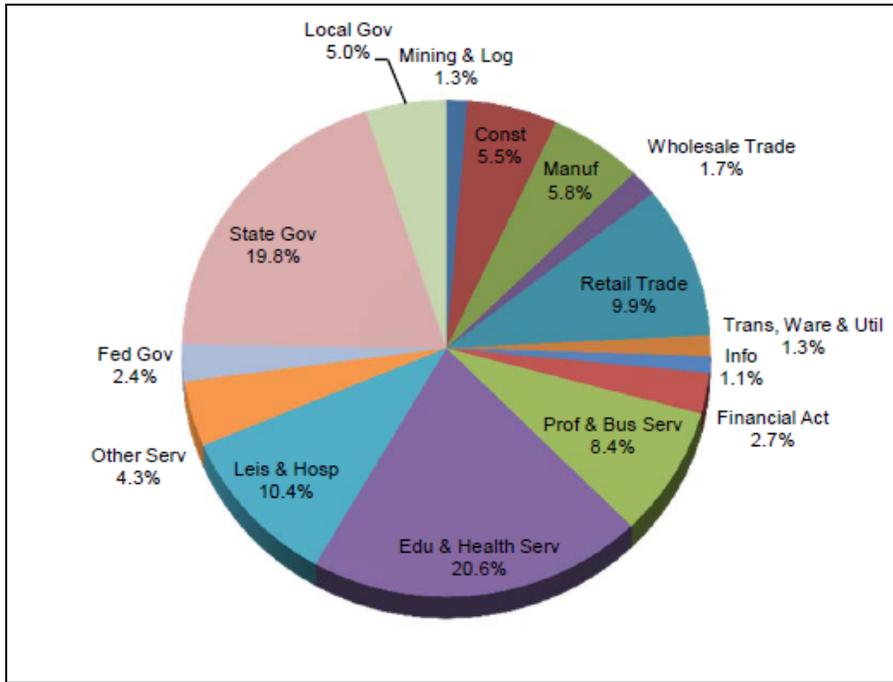


Figure 1.3.3 – Marion County



**Figure 1.3.4 – Monongalia County**



**Figure 1.3.5 – Preston County**

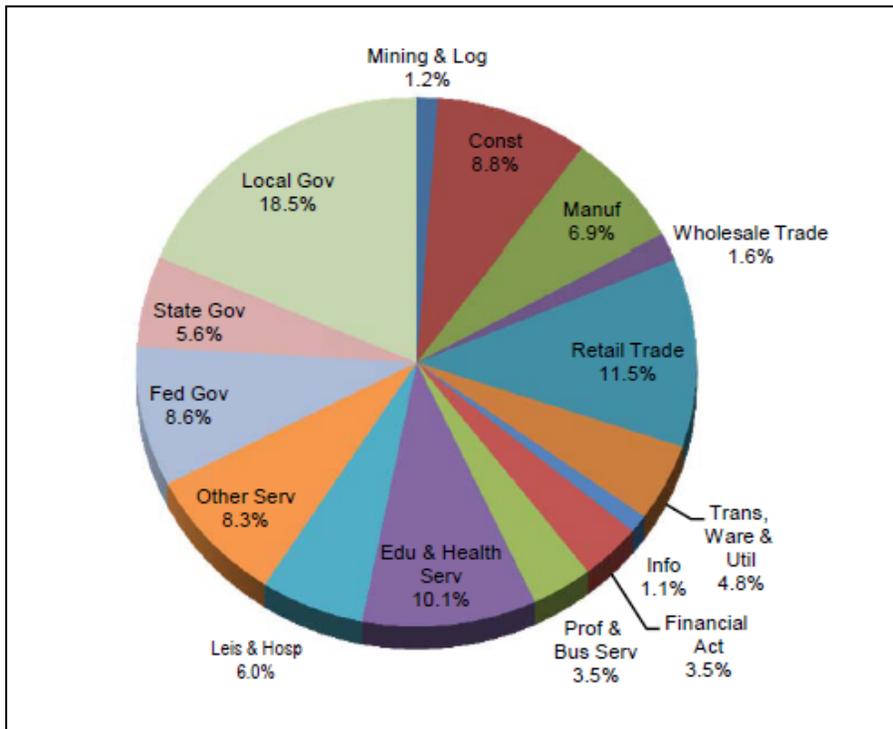
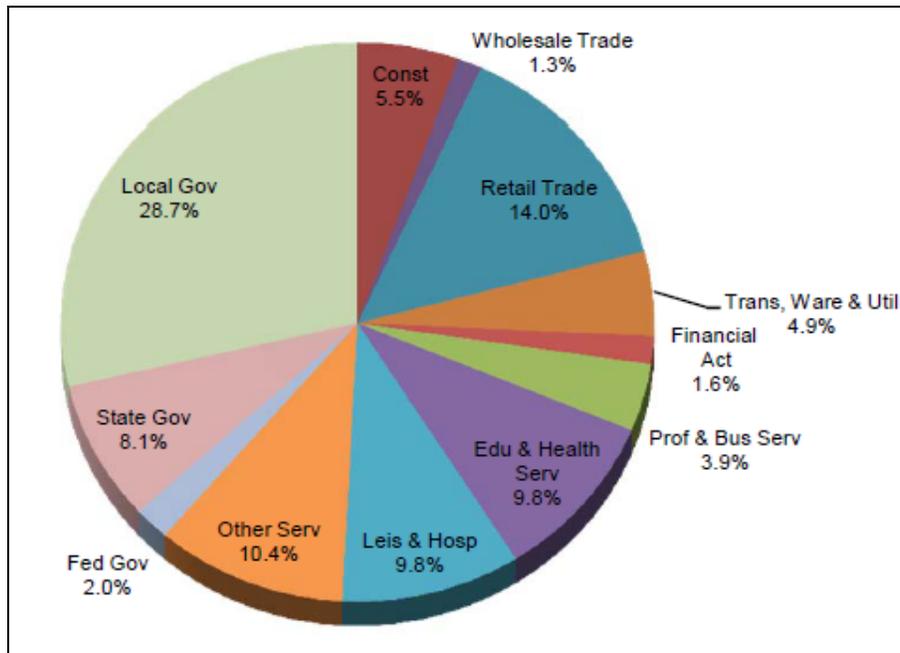


Figure 1.3.6 – Taylor County



All six (6) counties have available space for development, primarily commercial/business but also some space for industrial development. All six (6) counties employ Economic Development Authorities (EDAs) that work to bring development and jobs to the counties. The top employers, by jurisdiction, are as follows (*Source: WV Bureau of Employment Programs*).

- Doddridge County
  - Doddridge County Board of Education
  - West Virginia Regional Jail and Correctional Facility Authority
  - Doddridge County Senior Citizens, Inc.
  - Doddridge County Commission
  - Glaspell Lumber Company
  
- Harrison County
  - US Department of Justice (Federal Bureau of Investigation [FBI])
  - Harrison County Board of Education
  - United Hospital Center, Inc.
  - Veterans Administration Hospital
  - Wal-Mart Stores, Inc.

- Marion County
  - Marion County Board of Education
  - Consolidation Coal Company
  - Fairmont State College
  - Fairmont General Hospital, Inc.
  - Allegheny Power Service Corporation
  
- Monongalia County
  - West Virginia University
  - West Virginia University Hospitals
  - Mylan Pharmaceuticals, Inc.
  - Monongalia County Board of Education
  - Monongalia General Hospital
  
- Preston County
  - Preston County Board of Education
  - Department of Justice Federal Prison System (Hazelton)
  - Preston Memorial Hospital
  - CW Wright Construction Company, Inc.
  - Wal-Mart Associates, Inc.
  
- Taylor County
  - Taylor County Board of Education
  - Grafton City Hospital
  - Wal-Mart Associates, Inc.
  - West Virginia Department of Corrections (Pruntytown)
  - Rex-Hide Industries, Inc.

## DEMOGRAPHICS

Demographic data has been consolidated based on Census data from each of the counties unless otherwise noted.

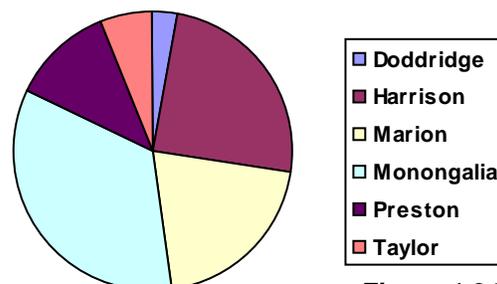


Figure 1.3.7

### Population

The population of the area represented by the Region VI PDC is 280,323 according to 2010 Census data. A breakdown by counties is shown in Figure 1.3.7 (*Source: US Census Bureau*). Generally speaking, the majority of the population is located in the central portion of the region. Such a figure could be expected given the presence of Interstate 79 and the “micropolitan” area of Clarksburg/Bridgeport, Fairmont, and Morgantown. Additionally, the eastern portions of the region (i.e., Preston County) are slightly more mountainous than the remaining areas. The population of the region is somewhat clustered. Nearly 41% of the population in the region lives within a municipality (approximately 114,051 residents). Of the residents that live in municipalities, 77% live in Anmoore, Bridgeport, Clarksburg, Fairmont, Granville, Morgantown, Nutter Fort, Pleasant Valley, Star City, Stonewood, Westover, or White Hall along I-79.

### Housing

As with population, it is not surprising to see that counties with a more robust transportation infrastructure have a higher number of housing units. What is also interesting to note is that the majority of these housing units are along the major transportation routes throughout the region. There are over 127,700 housing units in the region. On average, 75.1% of residents in the region own their own homes. (The average median value of housing is \$94,833.)

Figure 1.3.8 shows the distribution of housing across the region. Table 1.3.3 provides a more detailed overview of the housing characteristics in each one of the counties (*Source: US Census Bureau, 2010*).

Figure 1.3.8

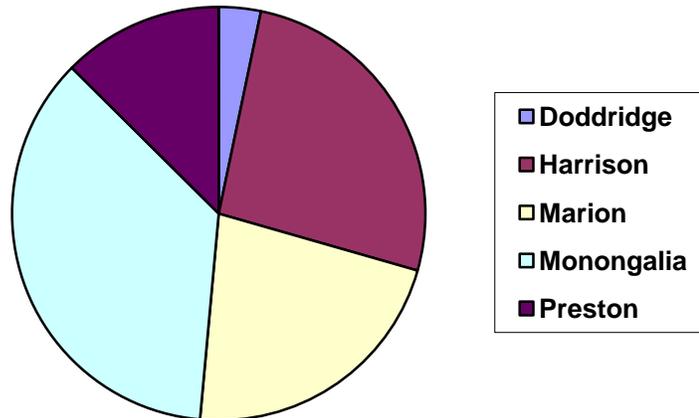


Table 1.3.3

Housing Characteristics in Region VI Counties						
Demographic	Doddridge	Harrison	Marion	Monongalia	Preston	Taylor
Housing Units	3,946	31,431	26,463	43,238	15,097	7,541
Owner Occupied	3,232	23,039	19,874	25,597	12,485	5,920
Renter Occupied	714	8,392	6,589	17,641	2,612	1,621
Ownership Rate	81.9%	73.3%	75.1%	59.2%	82.7%	78.5%
Median Value	\$75,900	\$95,500	\$87,500	\$145,400	\$87,700	\$77,000

#### ANALYZING DEVELOPMENT TRENDS: CURRENT AND FUTURE LAND USE

§201.6(c)(2)(ii)(C) [The plan should describe vulnerability in terms of] providing a general discussion of land uses and development trends within the community so that mitigation options can be considered in future land use decisions.

The majority of the region could be considered rural even though the Interstate 79 corridor is rapidly developing. All counties are located in what is generally considered a mountainous region. The topography often drives development to flatter areas which are often in or near floodplains. Local floodplain development regulations carefully balance the needs for economic development and growth in the employment sector with a basic responsibility to buffer potential and existing businesses from the effects of hazards. All counties indicated that the

majority of the commercial and industrial development in their counties is located in or near the municipalities.

Generally, commercial and industrial development is expected to continue occurring along major transportation routes. Not only are these areas the most accessible, construction of major roadways has led to a “leveling” of the topography in these areas. Additionally, many of these areas are serviced by public water and sewer systems. (Those that are not are likely considered for service extensions – see below.) Such an assumption is supported by an overview analysis of the corridors in the region. The White Oaks and Charles Pointe area in Bridgeport at Exit 124 of Interstate 79 is continuing to grow rapidly now that the new United Hospital Center is complete. Marion County recently completed the “Gateway Connector” project linking downtown Fairmont with Interstate 79; local officials expect this project to lead to development along the connector and in downtown Fairmont. Also in Marion County, despite the decline nation-wide in mall facilities, the areas in and around the Middletown Mall site just off of I-79, Exit 132 continues to develop, as does the technology park that is home to the National Aeronautics and Space Administration (NASA) and the Mollohan Center. Areas along both I-69 and I-79 in Monongalia County are developing, such as Glenmark Center and University Town Centre. Much of this development is retail and service-based, though the Marion County technology park and the Charles Pointe/White Oaks developments are attracting professional and business services opportunities. Other, smaller areas are also seeing significant development. Such projects as the US 19/Monongahela River redevelopment in Star City and the “big dig” project along SR 705 in Morgantown are two (2) examples. Other areas are seeing residential growth. These include the Cheat Lake area of Monongalia County and the Charles Pointe area of Bridgeport.

Still other development projects in the region are centered on revitalizing once thriving areas or industries. Examples include Taylor County’s industrial and commercial areas, including the Jerry Run Industrial Park along US Route 50 near Flemington and the Knotts Industrial Site near Grafton. Both of these sites exceed 300 acres of developable space. Another preservation project in Grafton is the restoration of the CSX building.

A number of these projects are built in areas where the topography has forced extensive cutting and filling (e.g., Charles Pointe, White Oaks, and University Town Centre). Local officials have worked with developers and contractors to ensure

that these areas do not become susceptible to land subsidence (to the extent possible). Many projects are also potentially susceptible to transportation-based hazardous material incidents (e.g., Charles Pointe, White Oaks, University Town Centre, Glenmark Center, and the Marion County technology park on I-79); however, avoiding this type of hazard could be detrimental to the development effort as close proximity to major transportation corridors make the sites more attractive to potential businesses. It is significant to note, though, that local officials have been careful to keep development away from such areas as floodplains.

Most of the jurisdictions are planning various types of projects, ranging from water/sewer to demolition to job creation efforts. The Region VI PDC maintains a list of these projects in its Comprehensive Economic Development Strategy (CEDs). Three (3) projects will be getting underway in the near term. Those include the Hepzibah Public Service District (PSD) sewer upgrades (Harrison), Salem water system upgrades (Harrison), and the Flemington sewer upgrades project (Taylor). None of these projects would adversely affect mitigation efforts; the water project, in particular, could help mitigate some of the affects of hazards such as drought. Summaries of these projects are listed in Tables 1.3.4 through 1.3.9 below.

- Doddridge County

**Table 1.3.4**

Targeted Development Areas	Primary Potential Hazard
Doddridge County Industrial Park	N/A

- Harrison County

**Table 1.3.5**

Targeted Development Areas	Primary Potential Hazard
Hepzibah PSD Enter/Gypsy Sewer Project	Land Subsidence
Shinnston City Office – Senior / Community Center	N/A
Meadowbrook Sewer Extension	Land Subsidence
Clarksburg Housing Demolition	N/A

Targeted Development Areas	Primary Potential Hazard
Harrison County Senior Citizens Center	N/A

- Marion County

**Table 1.3.6**

Targeted Development Areas	Primary Potential Hazard
Barrackville Sewer System Improvements	Land Subsidence
Worthington Water Treatment Plant Upgrades	Flooding, Hazmat, Land Subsidence
Fairview Water System Upgrade and Extension	Land Subsidence
White Hall Storm Sewer Project / Mall Edge	Land Subsidence
Mannington Demolition	N/A

- Monongalia County

**Table 1.3.7**

Targeted Development Areas	Primary Potential Hazard
Scott's Run PSD Phase II Sewer Extension	Land Subsidence
City of Westover Dent's Run Sewer Upgrade	Land Subsidence
Birchfield Water System Upgrade	Land Subsidence
Monongalia County Camp Muffly 4-H Camp	N/A

- Preston County

**Table 1.3.8**

Targeted Development Areas	Primary Potential Hazard
Kingwood Sewer Extension and Improvement	Land Subsidence

Targeted Development Areas	Primary Potential Hazard
Reedsville Sewer Improvements	Land Subsidence
Albright Storm Sewer Collection Improvements	Land Subsidence
Tunnelton Building Demolition	N/A

- Taylor County

**Table 1.3.9**

Targeted Development Area	Primary Potential Hazard
Cherry Run Water Line Extension	Land Subsidence
Glad Run Water Line Extension	Land Subsidence
Coon's Run PSD Water Line Extension	Land Subsidence
Flemington / Route 76 Sewer Extension	Land Subsidence

Hazard susceptibility in the above tables was derived in two (2) ways. First, for such projects as water and sewer upgrades, land subsidence was listed due to the construction activities that would be necessary to complete the project as well as the damage that any instance of land subsidence could potentially do to the lines. Other projects, such as water treatment plants, were listed as vulnerable to hazardous material incidents on account of the use of treatment chemicals. Additionally, the location of projects – especially those resulting in new buildings – contributed to susceptibility. For example, if a building is proposed in an area known to be susceptible to land subsidence, the hazard was noted.

Many rural areas in the region see mining and natural gas operations. In general, mining is declining. The oil and natural gas industry is rapidly expanding across West Virginia; its development in the Region VI area has been more rapid than in any other area of the state (with the exception of possibly the Northern Panhandle). Significant changes in land use are not expected. As such, local officials and emergency managers should concentrate mitigation efforts on the existing high-density population areas and those along arterial transportation routes.

# **SECTION 2.0**

# **RISK ASSESSMENT**

Section 2.0 is a multi-hazard risk assessment, analyzing the natural hazards affecting the entire region. In addition to a simple identification of applicable hazards, this section profiles those hazards (i.e., describes them in the regional context) and discusses the regional implications of these hazard risks. It is significant to note that the individual counties in the region may also maintain similar data on a number of other (technological and man-made) hazards.

It is important to understand that the risk assessment portion of this planning process was cyclical. For example, hazards were identified and analyzed on an “area-wide” basis. Upon completion of the initial assessment, such factors as targeted development areas, the locations of critical facilities, etc. were compared to the initial data. Where warranted, additional risk analysis was done in those areas to determine the primary hazards affecting, for example, a potential development. Further, determining probability and severity could be affected by the presence of a number of critical facilities or developable areas in a “hazard zone”.

## 2.1 HAZARD IDENTIFICATION

§201.6(c)(2)(i)

[The risk assessment shall include a] description of the type...of all natural hazards that can affect the jurisdiction.

The hazard identification serves as a guide to all communities in the Region VI Planning and Development Council (PDC) planning district when assessing their vulnerabilities to hazards. The purpose of the hazard identification is to (1) identify all the natural hazards that could affect the planning area, (2) assess the extent to which the area is vulnerable to the effects of these hazards, and (3) prioritize the potential risks to the community.

### Hazard Identification

The following chart – Table 2.1.1 – Illustrates the hazards to which the planning area could be susceptible. The table also includes a list of the research sources used to identify the hazards as well as a brief statement justifying their inclusion in this analysis. Those hazards with justification for inclusion in the hazard profiling section are highlighted in yellow. In addition to all sources identified in the

following table, each county’s most recent hazard mitigation plan was also used as a research source.

It is significant to note that it is not the intent of Table 2.1.1 to list all occurrences of the hazards in consideration. Table 2.1.1 simply seeks to demonstrate that a particular hazard is indeed worthy of further risk analysis.

**Table 2.1.1**

HAZARD	HOW IDENTIFIED	WHY IDENTIFIED
<b><i>Avalanche</i></b>	<ul style="list-style-type: none"> <li>• Research indicates that these jurisdictions are not susceptible to this hazard.</li> </ul>	<ul style="list-style-type: none"> <li>• The general contour of the land in the region is mountainous, but they are not high enough in elevation to cause avalanche activity.</li> <li>• Further, the amount of snowfall the region receives is insufficient for any kind of avalanche.</li> </ul>
<b><i>Coastal Erosion</i></b>	<ul style="list-style-type: none"> <li>• MapQuest</li> </ul>	<ul style="list-style-type: none"> <li>• Coastal erosion is not a significant risk as the region is more than 450 miles from the Atlantic Ocean.</li> </ul>
<b><i>Coastal Storm</i></b>	<ul style="list-style-type: none"> <li>• See “Thunderstorm”</li> </ul>	<ul style="list-style-type: none"> <li>• Coastal storms are not a threat to the region as it is more than 450 miles from the Atlantic Ocean.</li> </ul>
<b><i>Dam Failure</i></b>	<ul style="list-style-type: none"> <li>• WV Department of Environmental Protection (WVDEP) Dam Safety</li> <li>• Interviews w/ Local Officials</li> <li>• Internet Research <a href="http://itouchmap.com">http://itouchmap.com</a></li> </ul>	<ul style="list-style-type: none"> <li>• There are 65 dams listed by the WVDEP and WV Department of Natural Resources (WVDNR) in the region.</li> <li>• There are reports of dams in the region that do not meet WVDEP safety requirements.</li> </ul>
<b><i>Debris Flow</i></b>	<ul style="list-style-type: none"> <li>• See “Land Subsidence”</li> </ul>	<ul style="list-style-type: none"> <li>• See “Land Subsidence”</li> </ul>
<b><i>Drought</i></b>	<ul style="list-style-type: none"> <li>• National Climatic Data Center (NCDC) Event Records</li> </ul>	NCDC reports the following: <ul style="list-style-type: none"> <li>• Doddridge – 8 droughts since 1999</li> <li>• Harrison – 7 droughts since 1999</li> <li>• Marion – 2 droughts since 1999</li> <li>• Monongalia – 2 droughts since 1999</li> <li>• Preston – 2 droughts since 1999</li> <li>• Taylor – 8 droughts since 1999</li> </ul>

HAZARD	HOW IDENTIFIED	WHY IDENTIFIED
<b>Earthquake</b>	<ul style="list-style-type: none"> <li>• US Geological Survey (USGS)</li> <li>• Internet Research <a href="http://www.earthquake.gov">http://www.earthquake.gov</a></li> </ul>	<ul style="list-style-type: none"> <li>• According to the USGS, the counties in the region range from a 2 to a 3 in Peak Ground Acceleration (PGA) with a 10% chance of exceedance in 50 years.</li> <li>• Earthquakes were felt throughout the region in June, 2010, and August, 2011.</li> </ul>
<b>Expansive Soils</b>	<ul style="list-style-type: none"> <li>• See "Land Subsidence"</li> </ul>	<ul style="list-style-type: none"> <li>• See "Land Subsidence"</li> </ul>
<b>Extreme Heat</b>	<ul style="list-style-type: none"> <li>• NCDC Event Records</li> </ul>	<ul style="list-style-type: none"> <li>• Temperatures in the region seldom exceed 100 degrees.</li> <li>• If the temperature meets or exceeds 100 degrees, it has not been hot enough for the amount of time appropriate to denote "extreme heat".</li> </ul>
<b>Flooding</b>	<ul style="list-style-type: none"> <li>• NCDC Event Records</li> <li>• Interviews w/ Local Officials</li> </ul>	<ul style="list-style-type: none"> <li>• NCDC reports the following: <ul style="list-style-type: none"> <li>○ Doddridge – 21 since 1994</li> <li>○ Harrison – 44 since 1993</li> <li>○ Marion – 63 since 1993</li> <li>○ Monongalia – 61 since 1993</li> <li>○ Preston – 77 since 1993</li> <li>○ Taylor – 20 since 1994</li> </ul> </li> <li>• Local officials unanimously indicated that flooding was the most probable hazard in all jurisdictions.</li> </ul>
<b>Hailstorm</b>	<ul style="list-style-type: none"> <li>• NCDC Event Records</li> </ul>	<p>NCDC reports the following:</p> <ul style="list-style-type: none"> <li>• Doddridge – 21 hail events since 1984</li> <li>• Harrison – 57 hail events since 1975</li> <li>• Marion – 27 hail events since 1970</li> <li>• Monongalia – 41 hail events since 1963</li> <li>• Preston – 43 hail events since 1975</li> <li>• Taylor – 21 hail events since 1980</li> </ul>

HAZARD	HOW IDENTIFIED	WHY IDENTIFIED
<b>Hurricane</b>	<ul style="list-style-type: none"> <li>• See “Thunderstorm”</li> </ul>	<ul style="list-style-type: none"> <li>• The region does not experience the hurricane conditions of extremely high winds, rains, and hail.</li> <li>• In some instances, the region may be affected by rainfall brought about by the remnants of a hurricane, which are addressed elsewhere.</li> </ul>
<b>Land Subsidence</b>	<ul style="list-style-type: none"> <li>• Interviews w/ Local Officials</li> <li>• USGS Landslide Overview Map</li> <li>• Internet Research <a href="http://www.nationalatlas.gov">http://www.nationalatlas.gov</a></li> </ul>	<ul style="list-style-type: none"> <li>• According to the USGS map, areas throughout the region are classified as “high susceptibility/moderate incidence”.</li> <li>• Soil surveys for the counties in the region indicate the presence of types of soils susceptible to land subsidence.</li> </ul>
<b>Landslide</b>	<ul style="list-style-type: none"> <li>• See “Land Subsidence”</li> </ul>	<ul style="list-style-type: none"> <li>• See “Land Subsidence”</li> </ul>
<b>Thunderstorm</b>	<ul style="list-style-type: none"> <li>• NCDC Event Records</li> </ul>	<p>NCDC reports the following:</p> <ul style="list-style-type: none"> <li>• Doddridge – 37 thunderstorms since 1974</li> <li>• Harrison – 108 thunderstorm wind events since 1970</li> <li>• Marion – 77 thunderstorm events since 1970</li> <li>• Monongalia – 102 severe thunderstorms since 1955</li> <li>• Preston – 108 recorded thunderstorm events since 1975</li> <li>• Taylor – 53 thunderstorm events since 1980</li> </ul>
<b>Tsunami</b>	<ul style="list-style-type: none"> <li>• MapQuest</li> </ul>	<ul style="list-style-type: none"> <li>• The Atlantic Ocean is approximately 450 miles from the region.</li> </ul>
<b>Volcano</b>	<ul style="list-style-type: none"> <li>• USGS</li> </ul>	<ul style="list-style-type: none"> <li>• No volcanoes exist on the east coast.</li> </ul>
<b>Wildfire</b>	<ul style="list-style-type: none"> <li>• NCDC Event Records</li> </ul>	<ul style="list-style-type: none"> <li>• Several areas of the region are rural with a number of heavily wooded areas.</li> </ul>

HAZARD	HOW IDENTIFIED	WHY IDENTIFIED
<i>Wind</i>	<ul style="list-style-type: none"> <li>• NCDC Event Records</li> </ul>	NCDC reports the following: <ul style="list-style-type: none"> <li>• Doddridge – 2 high wind events and 2 tornados since 1986</li> <li>• Harrison – 4 high wind events and 4 tornados since 1998</li> <li>• Marion – 13 high wind events and 5 tornados since 1954</li> <li>• Monongalia – 9 high wind events and 3 tornados since 1980</li> <li>• Preston – 26 high wind events and 10 tornados since 1964</li> <li>• Taylor – 3 high wind events and 2 tornados since 1967</li> </ul>
<i>Winter Storm</i>	<ul style="list-style-type: none"> <li>• NCDC Event Records</li> </ul>	NCDC reports the following: <ul style="list-style-type: none"> <li>• Doddridge – 29 snow and ice events since 1994</li> <li>• Harrison – 35 snow and ice events since 1994</li> <li>• Marion – 24 snow and ice events since 1994</li> <li>• Monongalia – 28 snow and ice events since 1994</li> <li>• Preston – 127 snow events since 1993</li> <li>• Taylor – 42 snow and ice events since 1994</li> </ul>

Over an area as large as that covered by the Region VI PDC, it seems intuitively obvious that the hazards listed in Table 2.1.1 above would not affect the entire region in the same manner. For instance, Preston County’s winter storm vulnerability is quite different than Doddridge County’s risk because of topographical differences. Even though all counties are vulnerable to winter weather, Preston County’s risk is different – possibly higher – because it more frequently sees snow events in sufficient quantities so as to disrupt such operations as schools, the local economy, etc.

To capture this concept, Table 2.1.2 depicts the region’s county jurisdictions in comparison. The baseline hazard risk is a generalized average in each county. If a county appears to be more or less affected by a particular hazard, evidence was sought through research. The variances in risk are discussed in Section 2.2 below.

Table 2.1.2

JURISDICTION	HAZARDS									
	Dam Failure	Drought	Earthquake	Flooding	Hailstorm	Land Subsidence	Thunderstorm	Wildfire	Wind	Winter Storm
<b>Doddridge County</b>	<	=	=	=	=	=	=	=	=	=
<b>Harrison County</b>	>	=	=	=	=	=	=	=	=	=
<b>Marion County</b>	=	=	=	>	=	=	=	=	=	=
<b>Monongalia County</b>	=	=	=	>	=	=	=	>	=	=
<b>Preston County</b>	>	=	=	>	=	=	=	>	=	>
<b>Taylor County</b>	<	=	=	=	=	=	=	>	=	=

**KEY:**

- =: Equal risk
- <: Lower risk
- >: Higher risk

Probability vs. Severity Explanation

The historical data collected includes accounts of all the hazard types listed above. Some hazards, however, have occurred much more frequently than others with a wide range of impacts. By analyzing the historical frequency of each hazard along with the associated impacts, the hazards that pose the most significant risks to the Region VI PDC planning district can be identified. Such an analysis allows participating communities to focus mitigation strategies on those hazards that are most likely to cause significant losses.

Prioritizing the potential hazards that can threaten the planning district is based on two (2) separate factors:

- The probability that a potential hazard will affect the community, and
- The potential impacts to the community in the event that such a hazard occurs (i.e., severity).

The probability of a hazard event occurring is largely based on the historical recurrence interval of the hazard. Such sources as the NCDC’s “event record database”, local media archives, and interviews with local officials were used to determine the number of occurrences. If repeated coverage was given to a particular hazard event, that event was considered highly probable to occur. Also, local officials were able to verify or identify those hazards occurring frequently. For instance, if flood damage occurs every five (5) years versus a tornado causing damage every 50 years, the flood probability would score much higher than the tornado.

Probability for each county jurisdiction in the region was calculated in comparison to one another. For instance, the total number of hazard events reported in each county was averaged to determine the number of occurrences of each hazard on a regional basis. Figure 2.1.1 explains this calculation with an example.

**Figure 2.1.1**

<p><b>CALCULATING AVERAGE HAZARD OCCURRENCES</b></p> <p>Doddridge County’s plan reported 21 floods, Harrison’s listed 44 floods, Marion had 63, Monongalia reported 61, Preston 77, and Taylor County listed 20 floods.</p> <p><math>(21+44+63+61+77+20)/6 = 48</math> Floods (avg)</p>
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With these figures, another computation determined the average number of total hazard events. The average number of total hazards (23) was used as the median to determine probability. Table 2.1.3 depicts this calculation. The distance above or below the median was determined by a percentage.

**Table 2.1.3**

<b>CALCULATING MEDIAN HAZARD OCCURRENCES</b>									
<i>Dam</i>	<i>Drought</i>	<i>Quake</i>	<i>Flood</i>	<i>Hail</i>	<i>Sub.</i>	<i>Thunder</i>	<i>Fire</i>	<i>Wind</i>	<i>Winter</i>
0.0	1.3	0.3	47.7	35.0	0.2	80.8	0.2	13.8	47.5
<b>AVERAGE (Sum of Averages / 10):</b>									<b>23</b>

*\*NOTE: Averages for each hazard were calculated per Figure 2.1.2 above.*

Table 2.1.4 lists the classifications considered for hazard probability. The percentages were used to determine the appropriate “hazard probability classification”. For instance, 0 – 20% was listed as improbable, 21 – 40% was listed as remote, 41 – 60% was listed

as occasional, 61 – 80% was listed as probable, and 81 – 100% was listed as frequent.

**Table 2.1.4**

**Hazard Probability Classifications**

<i>Label</i>	<i>Specific Hazard Event</i>	<i>Frequency</i>
Frequent	Likely to occur frequently	Continuously experienced
Probable	Will occur several times in the life of an item	Experienced several times
Occasional	Likely to occur sometime in the life of an item	Experienced
Remote	Unlikely but possible to occur in the life of an item	Unlikely that it has been experienced
Improbable	So unlikely that it can be assumed occurrence may not be experienced	Not experienced

The hazard's severity is made up of three (3) separate factors: the extent of the potentially affected geographic area, the primary impacts of the hazard event, and any cascading (or secondary) effects. While primary impacts are a direct result of the hazard, secondary impacts can only arise subsequent to a primary impact. For example, a primary impact of a flood may be road closures due to submerged pavement. A possible secondary impact in such an incident would be restricted access of emergency vehicles due to a road closure.

Severity calculations, on the whole, were less exact. The median and various averages were calculated as outlined above for probability. The figures used for the severity calculations, however, were estimates with no mathematical basis. Loss figures presented with NCDC event records, local official recollections, and the loss estimates for each hazard presented in previous versions of each individual county's hazard mitigation plans were used to compare severity. Percentages were again used.

As with probability, severity classifications were made. Table 2.1.5 lists the severity classifications that were considered. Percentage assignments were as follows:

- 0 – 25%: Negligible;
- 26 – 50%: Marginal;
- 51 – 75%: Critical; and
- 76 – 100%: Catastrophic.

**Table 2.1.5**

**Hazard Severity Classifications**

<i>Description</i>	<i>Mishap Definition</i>
Catastrophic	Death or major structural loss
Critical	Severe injury, severe illness, or marginal structural damage
Marginal	Minor injury, minor illness, or structural damage
Negligible	Less than minor injury, illness, or structural damage

Figure 2.1.2 combines the probability and severity information into a “risk assessment matrix” that generalizes the potential impact of each hazard included in the plan. This is the figure that was re-formatted into a bar graph as described above.

**Figure 2.1.2**

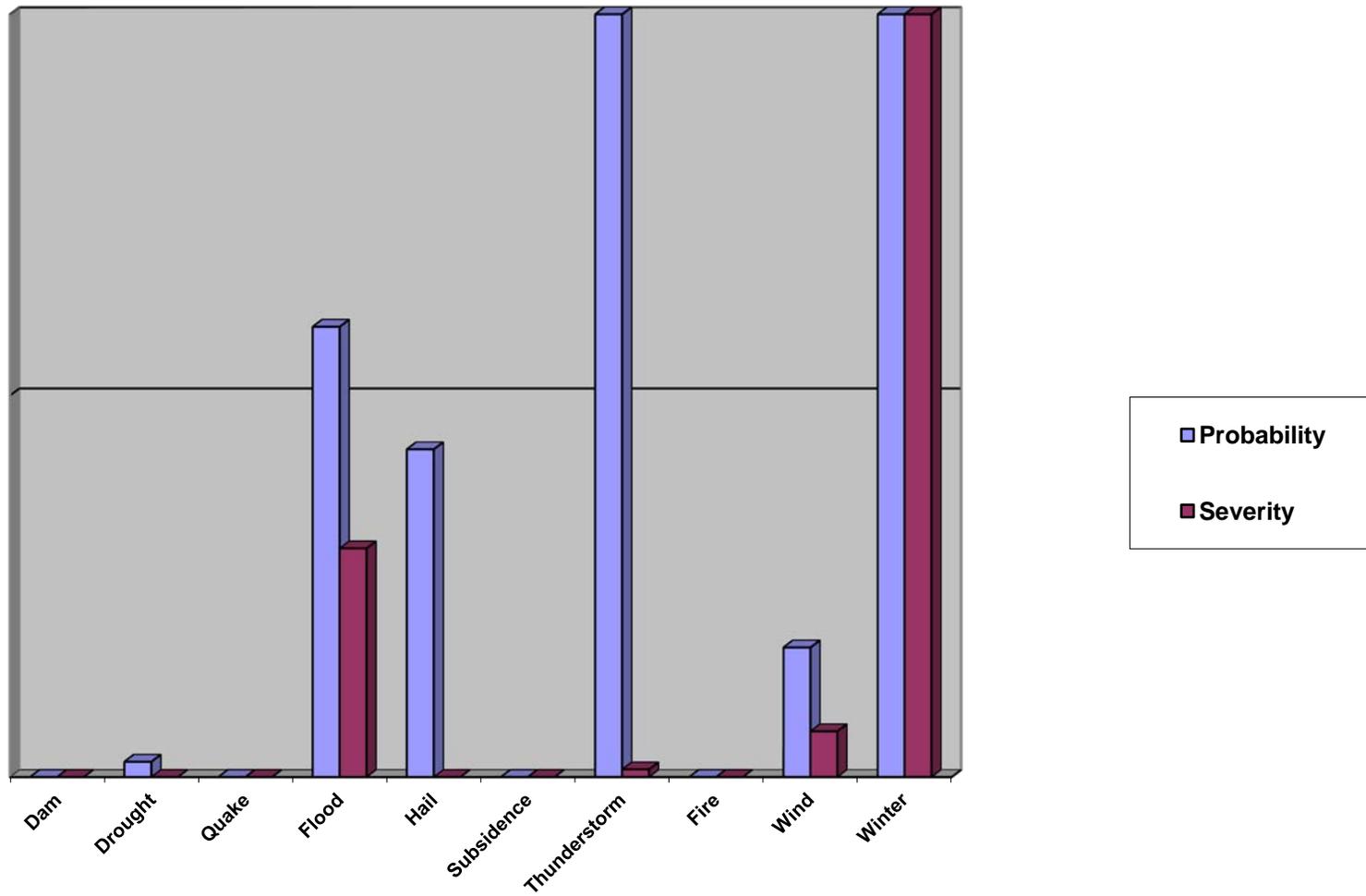
**Risk Assessment Matrix**

<i>Hazard Severity</i>	<i>Hazard Probability</i>				
	Frequent	Probable	Occasional	Remote	Improbable
Catastrophic	Winter Storm				
Critical			Flooding		
Marginal				Wind	
Negligible	Thunderstorm		Hailstorm		Dam Failure, Drought, Earthquake, Land Subsidence, Wildfire

Figure 2.1.3 below was created to enhance the usability of the plan. It provides a more holistic snapshot of risk in terms of probability and severity in a format that is more familiar to most readers of this plan. To create the bar graph, the following approximations were used.

- Probability
  - Frequent = 4
  - Probable = 3
  - Occasional = 2
  - Remote = 1
  - Improbable = 0
  
- Severity
  - Catastrophic = 4
  - Critical = 3
  - Marginal = 2
  - Negligible = 1

Figure 2.1.3



### Inventorizing Assets

This risk assessment identifies “at-risk” community assets such as critical facilities, critical infrastructure, historical properties, commercial/industrial facilities, etc. “Assets” contribute directly to the quality of life throughout the region as well as ensure its continued operation. As such, government facilities are often listed, as are water/wastewater and transportation infrastructure. “Assets” can also be irreplaceable items within the community, such as historical structures or even vulnerable populations (including the elderly or youths).

Inventorizing assets first involves determining what in the community can be affected by a hazard event. The core planning committee maintains a specific list of community assets as part of this plan. (\*NOTE: Individual jurisdictions may also maintain these types of lists for their own areas.) Assets were grouped into the following categories.

- **Critical Facilities:** Governmental facilities, water/wastewater facilities, dams, emergency services facilities, medical facilities (hospitals/clinics), military facilities, and the transportation infrastructure.
- **Vulnerable Populations:** Schools, nursing homes, and senior centers.
- **Economic Assets:** Large commercial/industrial facilities or large employers (not covered in other categories).
- **Special Considerations:** Residences, community outreach facilities, post offices, and libraries.
- **Historical Considerations:** Areas/structures listed on the National Register of Historic Places.

While compiling the inventory, much information can be gathered that could assist in estimating the impact that the loss of each asset could have on the community. Each specific asset is listed with its size, replacement value (structure only), contents value, function use or value (annual operating budget), displacement cost (\$ per day), and occupancy. Following is a brief description of how the above numbers are derived.

- **Size:** County assessor data or by directly contacting the facility.
- **Replacement Value:** County assessor data or by directly contacting the facility.

- **Contents Value:** Directly contacting the facility.
- **Function Use or Value:** Directly contacting the facility.
- **Displacement Cost:** Function Use or Value divided by 365.
- **Occupancy:** Directly contacting the facility.

Table 2.1.6 lists the assets identified throughout Region VI. This matrix is loosely derived from Worksheet #3b in the FEMA 386-2, *State and Local Mitigation Planning How-To Guide: Understanding Your Risks* document.

Figure 2.3.1

## Region 6 Asset Inventory

Name or Description of Asset	Jurisdiction	Critical Facility	Vulnerable Populations	Economic Assets	Special Considerations	Historic/Other Considerations	Size of Bldg. (sq. ft.)	Replacement Value (\$)	Contents Value (\$)	Function Use or Value (\$)	Displacement Cost (\$)	Occupancy or Capacity (#)
		X	X	X	X	X						
Residential	Doddridge				X		N/A	213,750,000.00	106,875,000.00	N/A	0.00	N/A
South Preston Middle School	Tunnelton		X				N/A	\$2,110,050.00	\$703,350.00	N/A	\$23,000.00	N/A
"Gaymont" (Brookside Inn)	Preston					X	N/A	N/A	N/A	N/A	N/A	N/A
4D Logging	Doddridge			X			N/A	N/A	N/A	N/A	N/A	N/A
Ad America	Preston			X			N/A	\$250,000.00	\$187,500.00	N/A	\$1,000.00	N/A
Adamston Elementary	Clarksburg		X				N/A	1,250,000.00	750,000.00	133,225.00	365.00	N/A
Affordable Signs Unlimited	Preston			X			N/A	N/A	N/A	N/A	N/A	N/A
AI Corporation	Preston			X			N/A	\$1,725,000.00	\$600,000.00	N/A	\$1,096.00	N/A
Albright Power Plant	Albright			X			N/A	5,733,300.00	4,299,975.00	N/A	N/A	N/A
Albright VFD	Albright	X					N/A	\$517,500.00	300,000.00	N/A	410.00	N/A
Alexander Wade House	Monongalia					X	N/A	N/A	N/A	N/A	N/A	N/A
ALJEZ Inc.	Preston			X			N/A	N/A	N/A	N/A	N/A	N/A
Allegheny Energy Service Corp.	Fairmont			X			N/A	N/A	N/A	N/A	N/A	N/A
Allegheny Power	Taylor	X					N/A	1,005,000.00	155,000.00	1,380,000.00	6,000.00	N/A
Allegheny Wood Products, Inc. - Hazelton	Preston			X			N/A	\$550,000.00	\$70,000.00	N/A	\$274.00	N/A
Allegheny Wood Products, Inc. - Kingwood	Kingwood			X			N/A	\$150,000.00	\$200,000.00	N/A	\$1,370.00	N/A

Name or Description of Asset	Jurisdiction	Critical Facility	Vulnerable Populations	Economic Assets	Special Considerations	Historic/Other Considerations	Size of Bldg. (sq. ft.)	Replacement Value (\$)	Contents Value (\$)	Function Use or Value (\$)	Displacement Cost (\$)	Occupancy or Capacity (#)
		X	X	X	X	X						
Alliance Christian School	Morgantown		X				N/A	N/A	N/A	N/A	N/A	N/A
Alliance Personal Care Home	Grafton		X				N/A	355,000.00	75,000.00	343,000.00	1,540.00	N/A
American Fiber Resources	Rivesville			X			300,000	5,000,000.00	145,000,000.00	50,000,000.00	137,000.00	40
American Fiber Resources, LLC	Rivesville			X			348,480	\$20,000,000.00	\$320,000,000.00	\$36,500,000.00	\$100,000.00	50
Andrews Methodist Church	Grafton				X		N/A	210,000.00	65,000.00	0.00	0.00	N/A
Anmoore FD	Anmoore	X					N/A	750,000.00	3,250,000.00	164,250.00	450.00	N/A
Anna Jarvis Birthplace Museum	Taylor					X	N/A	225,000.00	110,000.00	0.00	0.00	N/A
Anna Jarvis Elementary School	Grafton		X				N/A	2,850,000.00	250,000.00	524,400.00	940.00	N/A
ANSER	Fairmont			X			4,000	120,000.00	1,000,000.00	69,000,000.00	189,000.00	8
Apostolic Christian Temple School	Fairmont		X				2,000	55,000.00	80,000.00	130,000.00	400.00	26
Arrowhead Machine Works	Preston			X			N/A	\$250,000.00	\$750,000.00	N/A	\$1,370.00	N/A
Arthurdale Historic District	Preston			X			N/A	\$1,000,000.00	\$2,000,000.00	N/A	N/A	N/A
Arthurdale Water Association	Preston	X					N/A	N/A	N/A	N/A	N/A	N/A
AT&T Earth Station	Preston			X			N/A	125,000.00	165,000.00	N/A	N/A	N/A
Aurora Elementary School	Preston		X				N/A	N/A	N/A	N/A	N/A	N/A
Aurora VFD	Preston	X					N/A	400,000.00	100,000.00	N/A	142.47	N/A

Name or Description of Asset	Jurisdiction	Critical Facility	Vulnerable Populations	Economic Assets	Special Considerations	Historic/Other Considerations	Size of Bldg. (sq. ft.)	Replacement Value (\$)	Contents Value (\$)	Function Use or Value (\$)	Displacement Cost (\$)	Occupancy or Capacity (#)
		X	X	X	X	X						
Austin Powder Company	Masontown			X			N/A	500,000.00	500,000.00	N/A	N/A	N/A
B&O Railroad Station	Grafton	X					N/A	550,000.00	90,000.00	129,940.00	353.00	N/A
Banks VFD	Doddridge	X					N/A	350,000.00	750,000.00		273.97	N/A
Barnes ES	Marion		X				42,156	3,836,196.00	3,836,196.00	740,000.00	2,000.00	148
Barrackville Elementary/Middle School	Barrackville		X				43,863	3,991,533.00	3,991,533.00	2,040,000.00	5,600.00	408
Barrackville Covered Bridge	Barrackville		X				145	150,000.00	N/A	N/A	N/A	N/A
Barrackville VFD	Barrackville	X					1,600	200,000.00	1,000,000.00	120,000.00	300.00	30
Baxter VFD	Grant Town	X					1,800	150,000.00	1,000,000.00	120,000.00	300.00	15
BB&T Brucetonmills	Bruceton Mills			X			N/A	200,000.00	200,000.00	N/A	N/A	N/A
BB&T Kingwood	Kingwood			X			N/A	20,000,000.00	8,000,000.00	N/A	80,000.00	N/A
BB&T Masontown	Masontown			X			N/A	\$75,000.00	\$50,000.00	N/A	\$81.00	N/A
Beulahland Personal Care	Grafton		X				N/A	315,000.00	60,000.00	220,500.00	990.00	N/A
Big Elm Elementary	Shinnston		X				N/A	2,750,000.00	925,000.00	229,950.00	630.00	N/A
Birdscreek Repair	Preston			X			N/A	N/A	N/A	N/A	N/A	N/A
Bituminous Power Partners	Fairmont			X			14,500	1,000,000.00	1,000,000.00	29,000,000.00	79,500.00	52
Blackshere ES	Mannington		X				44,400	4,040,400.00	4,040,400.00	2,560,000.00	7,000.00	512
Blacksville No. 2 Mine	Monongalia			X			30,500	192,000.00	N/A	N/A	N/A	N/A
Blacksville VFD	Blacksville	X					N/A	N/A	N/A	N/A	N/A	N/A
Boothsville VFD	Mannington	X					1,800	150,000.00	1,000,000.00	120,000.00	300.00	20
Bowie Gas	Grafton	X						375,000.00	175,000.00	1,025,500.00	4,550.00	N/A
Boylen Timber Co	Grant Town			X			10,800	\$75,000.00	\$160,000.00	\$1,277,500.00	\$3,500.00	5

Name or Description of Asset	Jurisdiction	Critical Facility	Vulnerable Populations	Economic Assets	Special Considerations	Historic/Other Considerations	Size of Bldg. (sq. ft.)	Replacement Value (\$)	Contents Value (\$)	Function Use or Value (\$)	Displacement Cost (\$)	Occupancy or Capacity (#)
		X	X	X	X	X						
Bridgeport Office of Emergency Services (Bridgeport City Bldg.)	Bridgeport	X					N/A	2,500,000.00	1,375,000.00	54,750.00	150.00	N/A
Bridgeport FD	Bridgeport	X					N/A	3,800,000.00	6,250,000.00	602,250.00	1,650.00	N/A
Bridgeport High School	Bridgeport		X				N/A	5,200,000.00	1,650,000.00	284,700.00	780.00	N/A
Bridgeport Middle School	Harrison		X				N/A	3,800,000.00	1,250,000.00	273,750.00	750.00	N/A
Bridgeport Senior Center	Bridgeport		X				N/A	250,000.00	75,000.00	54,750.00	150.00	N/A
Bridges	Doddridge	X					N/A	234,639,800.00	0.00	N/A	N/A	N/A
Bridges	Monongalia	X					N/A	N/A	N/A	N/A	N/A	N/A
Bridges	Taylor	X						215,000,000.00	0.00	0.00	0.00	N/A
Brookhaven ES	Morgantown		X				51,673	5,545,753.00	1,367,360.00	2,155,000.00	5,900.00	464
Brookhaven VFD	Monongalia	X					9,600	550,000.00	3,000,000.00	200,000.00	400.00	15
Brown Building	Morgantown					X	7,000	1,250,000.00	200,000.00	5,000,000.00	1,370.00	12
Bruceton School	Bruceton Mills		X				N/A	N/A	N/A	N/A	N/A	N/A
Bruceton-Brandon VFD	Bruceton Mills	X					N/A	248,500.00	\$952,000.00	N/A	\$150.00	N/A
Bryans Hardware	Taylor			X			N/A	425,000.00	220,000.00	233,400.00	460.00	N/A
Buckeye Water District	West Union	X					N/A	5,000,000.00	1,500,000.00	N/A	1,095.89	N/A
Builders Service & Supply Company	Grafton			X			N/A	500,000.00	750,000.00	850,500.00	1,550.00	N/A
Bunners Ridge VFD	Marion	X					1,800	150,000.00	1,000,000.00	120,000.00	300.00	20
C & T Lumber	Newburg			X				\$1,000,000.00	\$2,000,000.00	N/A	\$4,262.00	N/A
CAM Concepts, Inc.	Fairmont			X			2,900	\$200,000.00	\$500,000.00	\$365,000.00	1,000.00	3

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		X	X	X	X	X						
Camp Dawson	Kingwood				X			211,200,000.00	611,200.00	N/A	N/A	N/A
Camp Rhododendron	Monongalia					X	3,963,960	N/A	N/A	N/A	N/A	N/A
Center Point Covered Bridge	Doddridge					X	N/A	3,225,600.00	N/A	N/A	0.00	N/A
Center Point Library	Doddridge				X		N/A	44,500.00	3,000.00	N/A	0.00	N/A
Central Communications	Fairmont	X					2,040	\$140,760.00	\$140,760.00	N/A	N/A	N/A
Central Preston Middle School	Kingwood		X				N/A	\$3,585,900.00	\$1,195,300.00	N/A	2,507.00	N/A
Chancery Hill Historic District	Morgantown					X	820,820	N/A	N/A	N/A	N/A	N/A
ChariesE. Haislip M.D., Inc.	Fairmont			X			20,000	1,500,000.00	200,000.00	750,000.00	2,100.00	4
Cheat Lake ES	Monongalia		X				74,705	8,245,707.00	1,632,219.00	2,805,000.00	7,600.00	604
Cheat Lake MS	Monongalia		X				54,692	5,868,412.00	1,720,593.00	2,890,000.00	7,900.00	622
Cheat Lake VFD	Monongalia	X					3,800	500,000.00	1,500,000.00	250,000.00	450.00	28
Cheat River Bridge	Rowlesburg					X	N/A	\$793,600.00	N/A	N/A	N/A	N/A
Cheat River Bridge No. 92	Preston	X					N/A	N/A	N/A	N/A	N/A	N/A
Cheat River Wood Products, Inc.	Rowlesburg			X			N/A	N/A	N/A	N/A	N/A	N/A
Chem-Ray	Fairmont			X			3,000	\$207,000.00	\$800,000.00	\$3,650,000.00	\$10,000.00	8
Chestnut Ridge Hospital	Morgantown	X					63,000	9,135,000.00	5,000,000.00	5,000,000.00	13,700.00	3280
Chestnut Ridge Research	Monongalia					X	N/A	N/A	N/A	N/A	N/A	N/A
City Hall - Kingwood	Kingwood	X					N/A	N/A	N/A	N/A	N/A	N/A

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		X	X	X	X	X						
Clarksburg Campus - Fairmont Stat College	Clarksburg		X				N/A	2,200,000.00	1,450,000.00	69,350.00	190.00	N/A
Clarksburg Continuous Care Center	Clarksburg	X					N/A	2,130,000.00	850,000.00	657,000.00	1,800.00	N/A
Clarksburg FD	Clarksburg	X					N/A	6,225,000.00	8,765,000.00	91,250.00	250.00	N/A
Clarksburg Senior Center	Clarksburg		X				N/A	750,000.00	175,000.00	65,700.00	180.00	N/A
Clarksburg Sewer Plant	Clarksburg	X					N/A	3,250,000.00	24,370,000.00	200,750.00	550.00	N/A
Clarksburg Water Plant	Clarksburg	X					N/A	4,500,000.00	15,400,000.00	182,500.00	500.00	N/A
Clay Battelle HS	Blacksville		X				72,213	7,255,832.00	1,687,065.00	1,905,000.00	5,200.00	410
Clelland House	Grafton					X		195,000.00	70,000.00	0.00	0.00	
Clinton District VFD	Monongalia	X					N/A	N/A	N/A	N/A	N/A	N/A
CNC Industries, Inc.	Fairmont			X			8,800	\$607,200.00	\$1,000,000.00	\$1,825,000.00	\$5,000.00	19
Co. Rt. 73/5 and Laurel Run Bridge	Bruceton Mills	X					N/A	\$1,024,000.00	N/A	N/A	N/A	N/A
Co. Rt. 73/5 and Laurel Run Bridge	Bruceton Mills	X					N/A	\$825,600.00	N/A	N/A	N/A	N/A
Coaltrain Corporation	Reedsville			X			N/A	N/A	N/A	N/A	N/A	N/A
Coastal Coal - Sub Coastal Corporation	Kingwood				X		N/A	N/A	N/A	N/A	N/A	N/A
Coastal Lumber Co.	Smithburg			X			N/A	1,500,000.00	2,000,000.00	N/A	4,240.64	N/A

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		X	X	X	X	X						
Coastal Lumber Company - Bruce-ton Mills	Bruce-ton Mills			X			N/A	\$345,000.00	\$125,000.00	N/A	\$342.00	N/A
Coastal Lumber Company - Eglon	Preston			X			N/A	\$100,000.00	\$360,000.00	N/A	\$1,918.00	N/A
Colonel Thomas Brown House	Reedsville					X	N/A	N/A	N/A	N/A	N/A	N/A
Colonial Apartments	Fairmont					X	N/A	N/A	N/A	N/A	N/A	N/A
Concord Press	Fairmont			X			4,000	\$60,000.00	\$500,000.00	\$730,000.00	2,000.00	3
Consol Energy	Fairmont			X			N/A					
Cool Spring VFD	Monongalia	X					4,220	548,500.00	750,000.00	200,000.00	550.00	30
Cooper's Rock State Forest Supt. House	Monongalia					X	2,000	180,000.00	20,000.00	40,000.00	100.00	4
Country Living	Grafton		X				N/A	300,000.00	55,000.00	153,650.00	690.00	N/A
County Jail	Fairmont	X					17,360	\$2,083,200.00	\$2,083,200.00	N/A	N/A	N/A
Covenant Christian School	Monongalia		X				N/A	N/A	N/A	N/A	N/A	N/A
Cranesville Stone, Inc.	Preston			X			N/A	\$165,000.00	\$8,000.00	N/A	\$83.00	N/A
Crislip Motor Lodge	Grafton			X			N/A	375,000.00	175,000.00	414,750.00	880.00	N/A
Crooked Run #4	Monongalia					X	N/A	N/A	N/A	N/A	N/A	N/A
CSX Police Department	Taylor	X					N/A	305,000.00	110,000.00	32,150.00	170.00	N/A
Custom Inflatables, Inc.	Reedsville				X		N/A	\$500,000.00	\$1,000,000.00	N/A	\$2,740.00	N/A
D & C, L.L.C.	Preston			X			N/A	\$10,000.00	\$75,000.00	N/A	\$822.00	N/A
D.I.B. Anderson Farmhouse	Morgantown					X	3,000	264,000.00	50,000.00	N/A	N/A	2
Davis Clinic	Kingwood	X					N/A	\$4,149,130,000.00	N/A	N/A	N/A	N/A
Daybrook ES	Monongalia		X				11,328	117,362.00	371,267.00	515,000.00	1,400.00	111

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		X	X	X	X	X						
Demyon's Golden Circle	Stonewood		X				N/A	225,000.00	60,000.00	60,225.00	165.00	N/A
Dents Run Covered Bridge	Monongalia					X	513	N/A	N/A	N/A	N/A	N/A
Dering Building	Morgantown					X	N/A	N/A	N/A	N/A	N/A	N/A
DK Equipment Company	Preston			X			N/A	N/A	N/A	N/A	N/A	N/A
Doak House	Doddridge					X	N/A	N/A	N/A	N/A	N/A	N/A
Doddridge County Board of Education	West Union		X				N/A	2,159,499.00	40,000.00	N/A	26,849.32	N/A
Doddridge County Commission	West Union	X					N/A	1,200,000.00	220,000.00	N/A	151.56	N/A
Doddridge County Courthouse	West Union	X					N/A	1,000,000.00	400,000.00	N/A	4,827.61	N/A
Doddridge County Elementary School	Doddridge		X				N/A	3,913,000.00	3,560,830.00	N/A	6,561.64	N/A
Doddridge County EMS	West Union	X					N/A	468,683.00	36,435.00	N/A	520.55	N/A
Doddridge County Health Department	West Union	X					N/A	250,000.00	50,000.00	N/A	1,232.88	N/A
Doddridge County High School	Doddridge		X				N/A	6,530,797.00	5,943,025.27	N/A	5,150.68	N/A
Doddridge County Medical Center	West Union	X					N/A	559,000.00	225,000.00	N/A	2,500.00	N/A
Doddridge County Middle School	Doddridge		X				N/A	6,825,000.00	6,210,750.00	N/A	5,369.86	N/A

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		X	X	X	X	X						
Doddridge County Park Building	West Union	X					N/A			N/A	0.00	N/A
Doddridge County Public Library	West Union				X		N/A	149,000.00	36,000.00	N/A	370.18	N/A
Doddridge County Senior Center	West Union		X				N/A	500,000.00	100,000.00	N/A	4,657.53	N/A
Doddridge County Solid Waste Authority	West Union	X					N/A	55,800.00	48,000.00	N/A	276.71	N/A
Dominion Hope	Fairmont			X			N/A			N/A		N/A
Dorsey Preschool	Morgantown		X				4,941	468,000.00	125,275.00	1,270,000.00	3,450.00	273
Downtown Morgantown Historic District	Morgantown					X	N/A	N/A	N/A	N/A	N/A	N/A
Dunbar MS	Marion		X				40,782	3,711,162.00	3,711,162.00	1,885,000.00	5,200.00	377
Dyna Mix, Inc.	Taylor			X			N/A	525,000.00	310,000.00	1,332,950.00	1,845.00	N/A
Dyna Tech Adhesives, Inc.	Grafton			X			N/A	850,000.00	280,000.00	1,506,950.00	2,125.00	N/A
East Dale ES	Marion		X				34,296	3,120,936.00	3,120,936.00	3,095,000.00	8,500.00	619
East Fairmont HS	Fairmont		X				78,864	7,176,624.00	7,176,624.00	4,695,000.00	12,900.00	939
East Fairmont Jr. HS	Fairmont		X				185,000	16,835,000.00	16,835,000.00	2,170,000.00	5,900.00	434
East Marion Park Facilities	Fairmont				X		16,224	\$1,427,712.00	\$1,427,712.00	N/A	N/A	N/A
East Park ES	Marion		X				49,869	4,538,079.00	4,538,079.00	2,445,000.00	6,700.00	489
Eastern Associated Coal Corp.	Marion						N/A	N/A	N/A	N/A	N/A	N/A
Easton ES	Morgantown		X				13,238	1,214,218.00	477,708.00	660,000.00	1,800.00	142
Easton Roller Mill	Monongalia					X	40,000	2,000,000.00	30,000.00	0.00	0.00	0

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		X	X	X	X	X						
Edwin Morris	Fairmont	X					6,000	400,000.00	150,000.00	650,000.00	1,800.00	12
Eldercare Resources	Grafton		X				N/A	310,000.00	65,000.00	980,000.00	4,400.00	N/A
Elizabeth Moore Hall	Morgantown					X	42,438	7,140,119.00	7,140,119.00	8,000,000.00	2,100.00	100
Emmanuel Christian	Clarksburg		X				N/A	1,625,000.00	445,000.00	127,750.00	350.00	N/A
Equitable Gas	Flemington	X					N/A	415,000.00	210,000.00	2,532,000.00	5,200.00	N/A
Equitable Gas Co. (Curtisville)	Marion	X					14,500	1,000,000.00	2,500,000.00	0.00	0.00	N/A
Equitrans Gas	Flemington	X					N/A	405,000.00	185,000.00	2,319,500.00	4,950.00	N/A
Estel Machine Company	Grafton			X			N/A	650,000.00	250,000.00	472,500.00	1,000.00	N/A
Fairfax Stone Site	Preston					X	N/A	N/A	N/A	N/A	N/A	N/A
Fairmont Catholic Elementary	Fairmont		X				11,200	2,490,000.00	510,000.00	275.00	0.00	20
Fairmont City Hall	Fairmont					X	20,000	1,000,000.00	500,000.00	8,000,000.00	21,900.00	22
Fairmont Downtown Historic District	Fairmont					X	619,000	N/A	N/A	N/A	N/A	N/A
Fairmont Fire Dept.	Fairmont	X					19,000	5,500,000.00	1,900,000.00	2,500,000.00	6,800.00	12
Fairmont General Hospital	Fairmont	X					296,000	100,000,000.00	200,000,000.00	78,265,000.00	214,400.00	150
Fairmont Lumber & Construction	Fairmont			X			2,000	\$134,000.00	\$25,000.00	\$365,000.00	1,000.00	12
Fairmont Municipal Airport	Fairmont	X					2,855	N/A	N/A	N/A	N/A	N/A

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		X	X	X	X	X						
Fairmont Normal School Administration Building	Fairmont		X			X	55,362	7,945,000.00	632,000.00	20,000,000.00	54,800.00	80
Fairmont Printing	Fairmont			X			13,000	70,000.00	3,000,000.00	1,825,000.00	5,000.00	16
Fairmont Rubber Products	Fairmont			X			120,000	\$8,280,000.00	\$2,000,000.00	\$10,950,000.00	30,000.00	20
Fairmont Shop & Save	Fairmont						N/A	N/A	N/A	N/A	N/A	N/A
Fairmont Specialty Services	Fairmont			X			192,000	\$16,896,000.00	\$14,500,000.00	\$18,250,000.00	\$50,000.00	90
Fairmont Sr. HS	Fairmont		X			X	95,494	8,689,954.00	8,689,954.00	4,715,000.00	12,900.00	943
Fairmont State College	Fairmont		X				618,300	71,100,408.00	30,471,603.00	20,400,000.00	55,900.00	7355
Fairmont Tool, Inc.	Fairmont			X			5,000	345,000.00	10,000,000.00	3,650,000.00	10,000.00	10
Fairview ES	Fairview		X				22,050	2,006,550.00	2,006,550.00	1,005,000.00	2,800.00	201
Fairview MS	Fairview		X				48,239	4,389,749.00	4,389,749.00	985,000.00	2,700.00	197
Fairview Public Library	Fairview	X					3,400	400,000.00	1,000,000.00	400,000.00	1,100.00	35
Fairview VFD	Fairview	X					3,800	500,000.00	570,000.00	250,000.00	700.00	20
Family Resource Building	West Union	X					N/A	1,000,000.00	40,000.00	N/A	197.26	N/A
Farmington VFD	Farmington	X					1,600	200,000.00	500,000.00	120,000.00	300.00	20
Farr Wallace House	West Union					X	N/A	N/A	N/A	N/A	0.00	N/A
Fellowship Christian Academy	Grafton		X				N/A	2,650,000.00	175,000.00	357,000.00	640.00	N/A
Fellowsville Elementary School	Preston		X				N/A	\$3,472,200.00	\$1,157,400.00	N/A	6,493.00	N/A

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		X	X	X	X	X						
Fellowsville VFD	Preston	X					N/A	\$400,000.00	\$150,000.00	N/A		N/A
Fibair - Division of Hollinee	Preston					X	N/A	\$200,000.00	\$100,000.00	N/A	\$1,370.00	N/A
Fibernet	Fairmont			X			2,500	90,000.00	25,000.00	275,000.00	800.00	6
Flemington Elementary School	Flemington		X				N/A	3,050,000.00	200,000.00	457,500.00	820.00	N/A
Flemington Emergency Medical Services	Flemington	X					N/A	150,000.00	275,000.00	34,800.00	185.00	N/A
Flemington Post Office	Flemington				X		N/A	410,000.00	110,000.00	51,150.00	240.00	N/A
Flemington Town Hall	Flemington	X					N/A	2,000,000.00	225,000.00	14,300.00	55.00	N/A
Flemington Volunteer Fire Department	Flemington	X					N/A	575,000.00	525,000.00	33,925.00	155.00	N/A
Ford House	Morgantown					X	5,400	78,000.00	10,000.00	2,000.00	5.00	N/A
Fort Martin Power Plant	Monongalia					X	N/A	N/A	N/A	N/A	N/A	N/A
Fourth Ward School	Monongalia					X	N/A	N/A	N/A	N/A	N/A	N/A
Gamsjager - Wysong Farm	West Union					X	N/A	N/A	N/A	N/A	0.00	N/A
Gate Multimedia	Fairmont			X			6,000	125,000.00	50,000.00	14,000.00	0.00	1
GE Specialty Chemicals	Monongalia			X			N/A	N/A	N/A	N/A	N/A	N/A
GEC, Inc.	Bruceton Mills			X			N/A	\$200,000.00	\$1,000,000.00	N/A	\$4,110.00	N/A
Glaspell Lumber Co., Inc	Salem			X			N/A	650,000.00	4,000,000.00	76,650.00	210.00	N/A
Glenn Enterprises	Grafton			X			N/A	775,000.00	275,000.00	5,383,500.00	6,850.00	N/A
Gompu-Press	Fairmont			X			2,000	80,000.00	20,000.00	91,250.00	300.00	2
Gore Middle School	Harrison		X				N/A	5,500,000.00	1,850,000.00	273,750.00	750.00	N/A

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		X	X	X	X	X						
Grafton City Hall	Grafton	X					N/A	2,750,000.00	375,000.00	20,800.00	80.00	N/A
Grafton City Hospital	Grafton	X					N/A	25,750,000.00	13,750,000.00	17,010,000.00	27,000.00	N/A
Grafton County Club Road Industrial Site	Grafton			X			N/A	7,550,000.00	850,000.00	1,853,200.00	4,520.00	N/A
Grafton Downtown Commercial Historic District	Grafton					X	N/A	4,500,000.00	1,350,000.00	609,150.00	1,335.00	N/A
Grafton Emergency Medical Services	Grafton	X					N/A	80,000.00	210,000.00	47,880.00	215.00	N/A
Grafton Fire Department	Grafton	X					N/A	800,000.00	725,000.00	48,200.00	220.00	N/A
Grafton High School	Grafton		X				N/A	14,500,000.00	355,000.00	767,250.00	1,375.00	N/A
Grafton Homes, Inc.	Grafton			X			N/A	225,000.00	540,000.00	1,260,000.00	3,200.00	N/A
Grafton Motel	Grafton			X			N/A	985,000.00	265,000.00	551,250.00	1,300.00	N/A
Grafton National Cemetery	Grafton	X					N/A	1,525,000.00	65,000.00	2,250.00	180.00	N/A
Grafton Police Department	Grafton	X					N/A	315,000.00	310,000.00	78,220.00	357.00	N/A
Grafton Post Office	Grafton				X		N/A	525,000.00	140,000.00	59,700.00	280.00	N/A
Grafton Truss & Panel Company	Grafton			X			N/A	895,000.00	415,000.00	734,160.00	1,606.00	N/A
Grafton Wastewater Treatment Plant	Grafton	X					N/A	4,225,000.00	3,850,000.00	2,457,500.00	3,250.00	N/A
Grant Town VFD	Grant Town	X					1,600	200,000.00	500,000.00	120,000.00	300.00	N/A

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		X	X	X	X	X						
Granville VFD and Police and Town Hall	Granville	X					7,200	250,000.00	250,000.00	2,500,000.00	6,868.13	N/A
Greater Harrison County Sewer Plant	West Milford	X					N/A	1,200,000.00	23,000,000.00	173,375.00	475.00	N/A
Greenmont Historic District	Monongalia					X	N/A	N/A	N/A	N/A	N/A	N/A
Greenwood VFD	Greenwood	X					N/A	N/A	N/A	N/A	0.00	N/A
Greer Limestone Company	Masontown					X	N/A	\$70,000.00	\$50,000.00	N/A	\$164.00	N/A
Grimm Lumber, Inc.	Terra Alta			X			N/A	N/A	N/A	N/A	N/A	N/A
Hackney House	Morgantown					X	1,940	150,000.00	500,000.00	150,000.00	400.00	3
Hagans Homestead	Brandonville		X				N/A	\$900,000.00	\$150,000.00	N/A	\$137.00	N/A
Hamilton Farm Petroglyphs	Monongalia					X	N/A	N/A	N/A	N/A	N/A	N/A
Hamilton Round Barn	Mannington					X	8,400	250,000.00	15,000.00	3,650.00	0.00	N/A
Harden Elementary	Salem		X				N/A	1,650,000.00	450,000.00	89,425.00	245.00	N/A
Harmon Shopping Center	Grafton			X			N/A	5,150,000.00	1,500,000.00	1,761,300.00	2,280.00	N/A
Harmony Grove Meeting House	Monongalia					X	1,200	105,600.00	30,000.00	2,000.00	5.00	0
Harned Memorial Medical Clinic	Bruceton Mills	X					N/A	\$19,794,400.00	N/A	N/A	N/A	N/A
Harner Homestead	Morgantown				X	X	N/A	N/A	N/A	N/A	N/A	N/A
Harriman Memorial Clinic	Preston	X					N/A	\$716,800.00	\$850,000.00		\$1,800.00	

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		X	X	X	X	X						
Harrison County Bureau of Emergency Services	Nutter Fort	X					N/A	1,240,000.00	2,650,000.00	164,250.00	450.00	N/A
Harrison-Marion Regional Airport	Bridgeport	X					N/A	750,650,000.00	25,000,000.00	1,533,000.00	4,200.00	N/A
Harry's Laminated Products	Fairmont			X			4,050	279,450.00	35,000.00	219,000.00	600.00	3
Hart Industries	Grafton			X				2,000,000.00	575,000.00	1,870,800.00	2,680.00	N/A
Hartman Run Bridge	Monongalia				X		9,672	4,000,000.00	N/A	N/A	N/A	N/A
Harvey Run #1	Monongalia					X	257,400	5,243,333.00	N/A	N/A	N/A	N/A
Hayes, Harry B. Lumber Company	Kingwood			X			N/A	\$276,000.00	150,000.00	N/A	\$1,096.00	N/A
Haymond Public Service District	Grafton	X					N/A	1,750,000.00	1,250,000.00	457,650.00	615.00	N/A
Hazelton Milling Company	Hazelton			X			N/A	\$3,937,600.00	\$3,937,600.00	N/A	\$274.00	N/A
Headline Books	Terra Alta			X			N/A	N/A	N/A	N/A	N/A	N/A
HealthSouth Mountain view	Morgantown	X					80,000	11,000,000.00	4,500,000.00	10,000,000.00	27,000.00	350
Heartland of Clarksburg	Clarksburg		X				N/A	1,300,000.00	850,000.00	657,000.00	1,800.00	N/A
Hendershot Plumbing & Heating	Fairmont			X			2,000	150,000.00	12,000.00	750,000.00	2,100.00	9
Henry Clay Furnace	Monongalia					X	1,600	50,000.00	N/A	N/A	N/A	N/A
Hepzibah Elementary School	Taylor		X				N/A	1,225,000.00	155,000.00	345,900.00	620.00	N/A
Heritage Christian	Bridgeport		X				N/A	5,250,000.00	2,150,000.00	345,900.00	620.00	N/A

Name or Description of Asset	Jurisdiction	Critical Facility	Vulnerable Populations	Economic Assets	Special Considerations	Historic/Other Considerations	Size of Bldg. (sq. ft.)	Replacement Value (\$)	Contents Value (\$)	Function Use or Value (\$)	Displacement Cost (\$)	Occupancy or Capacity (#)
		X	X	X	X	X						
Higgins & Sons, Inc.	Fairmont			X			1,860	\$30,000.00	\$15,000.00	\$730,000.00	2,000.00	3
High Level Bridge	Fairmont		X				1,266	13,000,000.00	13,000,000.00	N/A	#VALUE!	N/A
Hildebrand Lock and Dam	Monongalia					X	50,400	50,000,000.00	N/A	50,000,000.00	200,000.00	N/A
Hopemont Hospital	Hopemont	X					N/A	\$10,000.00	\$20,000.00	N/A	\$55.00	N/A
Hospice Care Corporation	Grafton	X					N/A	2,550,000.00	450,000.00	381,500.00	1,725.00	N/A
Integrity Christian School	Kingwood					X	N/A	\$3,160,200.00	\$1,053,400.00	N/A	\$6,561.64	N/A
Interstate 68 Bridge	Preston	X					N/A	\$1,849,600.00	N/A	N/A	N/A	N/A
Interstate 68 Bridge	Preston	X					N/A	\$825,600.00	N/A	N/A	N/A	N/A
Interstate Hardwoods	Terra Alta			X			N/A	\$1,035,000.00	\$1,035,000.00	N/A	\$220.00	N/A
IQI, Inc. (Interserv)	Fairmont			X			N/A	N/A	N/A	N/A	N/A	N/A
J & C Enterprises	Fairmont			X			16,000	\$1,408,000.00	\$175,000.00	\$1,825,000.00	\$5,000.00	12
J. Harper Building	Fairmont					X	39,216	\$3,843,168.00	\$3,843,168.00	N/A	N/A	N/A
Jacob Prickett, Jr. Log House	Fairmont					X	N/A	N/A	N/A	N/A	N/A	N/A
Jacobs Building	Fairmont					X	27,750	\$2,719,500.00	\$2,719,500.00	N/A	N/A	N/A
Jacobs-Hutchinson Block	Fairmont	X					N/A	N/A	N/A	N/A	N/A	N/A
Jakes Run Preschool	Monongalia		X				11,524	1,041,249.00	133,484.00	120,000.00	300.00	26
James Clark McGrew House	Kingwood					X	N/A	N/A	N/A	N/A	N/A	N/A
James S. Lakin House	Terra Alta					X	N/A	N/A	N/A	N/A	N/A	N/A

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		X	X	X	X	X						
Jayenne ES	Marion		X				21,143	1,924,013.00	1,924,013.00	1,065,000.00	2,900.00	213
Jennmar Corporation	Kingwood			X			N/A	\$883,200.00	\$1,000,000.00	N/A	\$548.00	N/A
Jerry Run Industrial Park	Flemington			X			N/A	8,550,000.00	2,000,000.00	2,670,750.00	3,825.00	N/A
Johnson ES	Bridgeport		X				N/A	3,245,000.00	1,250,000.00	164,250.00	450.00	N/A
Johnstown FD	Harrison	X					N/A	250,000.00	750,000.00	40,150.00	110.00	N/A
Judge Frank Cox House	Morgantown					X	7,000	4,000,000.00	100,000.00	800,000.00	2,200.00	7
K&P Machine Service	Grafton			X			N/A	995,000.00	350,000.00	355,800.00	780.00	N/A
Kencaid, Arnett, and Flour Bldg.	Monongalia					X	17,000	1,500,000.00	250,000.00	250,000.00	680.00	130
Kennedy Plumbing & Heating	Fairmont			X			2,500	\$217,500.00	\$125,000.00	\$584,000.00	1,600.00	4
Kern's Fort	Morgantown					X	1,800	25,000.00	10,000.00	2,000.00	6.00	2
Kingwood Elementary School	Kingwood		X				N/A	\$260,400.00	\$86,800.00	N/A	4,562.00	N/A
Kingwood Historic District	Kingwood					X	N/A	N/A	N/A	N/A	N/A	N/A
Kingwood Pharmacy	Kingwood			X			N/A	200,000.00	200,000.00	N/A	N/A	N/A
Kingwood Public Library	Kingwood				X		N/A	N/A	N/A	N/A	N/A	N/A
Kingwood VFD	Kingwood	X					N/A	\$480,000.00	\$639,000.00	N/A	\$330.00	N/A
Kisner, Sm & Sons	Fairmont			X			22,600	1,559,400.00	100,000.00	1,095,000.00	3,000.00	24
Knotts Industrial Site	Grafton			X			N/A	5,450,000.00	795,000.00	2,523,650.00	3,615.00	N/A
Krenn School	Doddridge		X				N/A	N/A	N/A	N/A	0.00	N/A
Kvaerner Pulping, Inc.	Fairmont			X			N/A	N/A	N/A	N/A	N/A	13
Lathrop Russell Charter House	West Union					X	N/A	N/A	N/A	N/A	0.00	N/A

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		X	X	X	X	X						
Lazzelle Union ES	Monongalia		X				7,138	508,501.00	49,023.00	500,000.00	1,350.00	100
Liberty High School	Harrison		X				N/A	11,325,000.00	2,250,000.00	246,375.00	675.00	N/A
Lighthouse Manor	Grafton					X	N/A	1,750,000.00	70,000.00	156,000.00	825.00	N/A
Lincoln High School	Shinnston		X				N/A	14,475,000.00	3,100,000.00	262,800.00	720.00	N/A
Lions Club	West Union				X		N/A	N/A	N/A	N/A	N/A	N/A
Lost Creek Elementary	Lost Creek		X				N/A	1,850,000.00	900,000.00	136,875.00	375.00	N/A
Lost Creek FD	Lost Creek	X					N/A	250,000.00	650,000.00	54,750.00	150.00	N/A
Lost Creek Senior Center	Lost Creek		X				N/A	65,000.00	12,000.00	31,025.00	85.00	N/A
Lumberport Elementary	Lumberport		X				N/A	2,750,000.00	425,000.00	164,250.00	450.00	N/A
Lumberport FD	Lumberport	X					N/A	275,000.00	1,650,000.00	82,125.00	225.00	N/A
Lumberport Middle School	Lumberport		X				N/A	3,750,000.00	1,050,000.00	173,375.00	475.00	N/A
Lynch Chapel UM Church	Monongalia					X	N/A	N/A	N/A	N/A	N/A	N/A
Main Street Printers, Inc.	Grafton			X			N/A	550,000.00	125,000.00	87,750.00	300.00	N/A
Malidus Sewage Plant	West Union	X					N/A	N/A	N/A	N/A	0.00	N/A
Manchin Building	West Union					X	N/A	N/A	N/A	N/A	0.00	N/A
Manchin Clinic	Mannington	X					15,000	2,200,000.00	350,000.00	3,600,000.00	9,900.00	32
Mannington Historic District	Mannington			X			668,000	N/A	N/A	N/A	N/A	N/A
Mannington Library	Mannington	X					4,000	75,000.00	1,000,000.00	400,000.00	1,100.00	30
Mannington MS	Mannington		X				107,233	9,758,203.00	9,758,203.00	2,110,000.00	5,800.00	422
Mannington VFD	Mannington	X					1,600	200,000.00	450,000.00	120,000.00	300.00	30

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		X	X	X	X	X						
Maranatha Christian Academy	Monongalia		X				N/A	N/A	N/A	N/A	N/A	N/A
Marion Co. BOE	Fairmont				X							
Marion Co. Technical Center	Fairmont	X					197,925	18,011,175.00	18,011,175.00	175,000.00	500.00	35
Marion County Courthouse	Fairmont					X	60,000	10,000,000.00	1,500,000.00	25,000,000.00	68,500.00	70
Marion County Library	Fairmont	X					16,500	\$1,452,000.00	\$1,452,000.00	400,000.00	1,096.00	45
Martin Marietta Aggregates	Rowlesburg			X			N/A	\$16,000.00	\$40,000.00	N/A	\$137.00	N/A
Mary Lou Reton Park Facilities	Fairmont				X		4,700	\$413,600.00	\$413,600.00	N/A	N/A	N/A
Mary Ruth Corporation	Kingwood			X			N/A	N/A	N/A	N/A	N/A	N/A
Mason-Dixon ES	Blacksville		X				41,334	4,649,610.00	917,612.00	1,850,000.00	5,000.00	395
Masontown Block Corporation	Masontown			X			N/A	\$420,000.00	\$900,000.00	N/A	\$2,055.00	N/A
Masontown VFD	Masontown	X					N/A	\$350,000.00	\$400,000.00	N/A	\$274.00	N/A
Matthews Bronze Corporation	Kingwood			X			N/A	\$40,000.00	\$75,000.00	N/A	\$685.00	N/A
Maxwell-Farr Farm House	West Union					X	N/A	N/A	N/A	N/A	0.00	N/A
McClellan District VFD	Doddridge	X					N/A	N/A	N/A	N/A	0.00	N/A
McKee Sky Ranch Airport (private)	Terra Alta	X					N/A	\$500,000.00	\$50,000.00	N/A	N/A	N/A

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		X	X	X	X	X						
Meadow View Manor Health Care Center	Bridgeport	X					N/A	1,150,000.00	650,000.00	511,000.00	1,400.00	N/A
MEC Power Plant	Monongalia					X	160,000	50,000,000.00	250,000,000.00	250,000,000.00	685,000.00	53
MECCA	Morgantown	X					5,200	1,800,000.00	1,800,000.00	N/A	N/A	25
Medbrook	Bridgeport	X					N/A	350,000.00	2,500,000.00	547,500.00	1,500.00	
Medical Center of Taylor County	Grafton	X					N/A	5,950,000.00	765,000.00	1,023,600.00	1,560.00	
Men's Hall	Monongalia					X	N/A	N/A	N/A	N/A	N/A	N/A
Metal Creations	Kingwood			X			N/A	\$1,500.00	\$30,000.00		\$5,479.00	
Metropolitan Theater	Morgantown						10,500	13,755,000.00	500,000.00	500,000.00	10,000.00	900
Miller Jr. HS	Marion		X				65,115	5,925,465.00	5,925,465.00	1,960,000.00	5,400.00	392
Mining Dynamics, Inc.	Marion			X			1,600	\$110,000.00	\$75,000.00	\$182,500.00	\$500.00	3
Monongah ES	Monongah		X				30,035	2,733,185.00	2,733,185.00	1,820,000.00	5,000.00	364
Monongah MS	Monongah		X				39,092	3,557,372.00	3,557,372.00	1,535,000.00	4,200.00	307
Monongah VFD	Monongah	X					4,800	600,000.00	750,000.00	260,000.00	700.00	36
Monongalia County Courthouse	Morgantown	X				X	43,500	16,332,230.00	3,000,000.00	33,000,000.00	90,410.95	100
Monongalia County Sheriff	Morgantown	X					18,190	16,332,230.00	2,773,000.00	3,685,434.00	10,097.79	44
Monongalia General Hospital	Morgantown	X					358,600	52,000,000.00	60,000,000.00	40,000,000.00	110,000.00	1200
Monongalia Schools Transportation	Morgantown	X					12,000	1,250,000.00	500,000.00	4,300,000.00	11,780,821.91	120
Monongalia Technical Education Center	Monongalia		X				N/A	N/A	N/A	N/A	N/A	N/A
Mont Levine, Inc.	Marion			X			5,800	400,000.00	200,000.00	3,650,000.00	10,000.00	12

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		X	X	X	X	X						
Moore Field	Kingwood	X										
Morgantown HS	Morgantown		X				211,896	23,660,349.00	5,163,707.00	8,070,000.00	22,100.00	1710
Morgantown Learning Academy	Morgantown		X				N/A	N/A	N/A	N/A	N/A	N/A
Morgantown Lock and Dam	Morgantown	X					50,400	40,000,000.00	N/A	50,000,000.00	200,000.00	N/A
Morgantown Municipal Airport	Morgantown					X	38,096	3,479,424.00	243,464.00	2,830,840.00	7,756.00	3500
Morgantown Municipal Building	Morgantown	X					N/A	N/A	N/A	N/A	N/A	N/A
Morgantown PD	Morgantown	X					30,600	7,557,680.00	393,120,000.00	1,112,023,000.00	30,466,000.00	30+
Morgantown Public Library	Morgantown					X	N/A	N/A	N/A	N/A	N/A	N/A
Morgantown VFD	Morgantown	X					N/A	N/A	N/A	N/A	N/A	N/A
Morgantown Wharf Warehouse Historic Dist.	Morgantown					X	N/A	N/A	N/A	N/A	N/A	N/A
Mount Grove VFD	Preston	X					N/A	\$450,000.00	\$1,000,000.00	N/A	\$110.00	N/A
Mountain State Academy	West Union		X				N/A	175,000.00	25,000.00	N/A	0.00	N/A
Mountain View Water Association	Grafton	X					N/A	3,750,000.00	2,950,000.00	1,182,500.00	1,550.00	N/A
Mountaineer Ambulance Service Inc.	Tunnelton	X					N/A	\$160,000.00	\$750,000.00	N/A	\$137.00	N/A
Mountaineer Custom Cartridge	Grafton			X			N/A	675,000.00	210,000.00	99,900.00	350.00	N/A

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		X	X	X	X	X						
Mountaineer Power Equipment	Grafton			X			N/A	345,000.00	635,000.00	249,840.00	638.00	N/A
Mountainview ES	Monongalia		X				79,348	8,770,058.00	1,837,634.00	3,205,000.00	8,750.00	690
Mr. Vernon Elementary School	Flemington		X				N/A	1,650,000.00	160,000.00	334,800.00	600.00	N/A
Mt. Clare FD	Harrison	X					N/A	250,000.00	1,150,000.00	54,750.00	150.00	N/A
MUB WTP	Morgantown	X					N/A	8,380,850.00	21,124,750.00	1,248,000.00	3,428.60	13
MUB WWTP	Morgantown	X					N/A	4,894,200.00	40,147,392.00	1,164,000.00	3,197.81	17
Mylan	Morgantown			X			N/A	N/A	N/A	N/A	N/A	N/A
Mylan Park ES	Monongalia		X				N/A	N/A	N/A	N/A	N/A	N/A
National Energy Technology Center	Monongalia				X		N/A	N/A	N/A	N/A	N/A	N/A
New Testament Christian Academy	Grafton		X				N/A	1,000,000.00	145,000.00	348,750.00	625.00	N/A
Newburg VFD	Newburg	X					N/A	\$450,000.00	\$750,000.00	N/A	\$1,200.00	N/A
NIOSH/OSHA	Morgantown						N/A	N/A	N/A	N/A	N/A	N/A
North Central Regional Jail	Doddridge	X					N/A	28,000,000.00	1,500,000.00	N/A	N/A	N/A
North ES	Morgantown		X				58,928	6,285,965.00	1,760,025.00	3,200,000.00	8,750.00	685
North Marion HS	Fairmont		X				240,250	21,862,750.00	21,862,750.00	4,945,000.00	13,500.00	989
North View Elementary	Clarksburg		X				N/A	2,475,000.00	675,000.00	169,725.00	465.00	N/A
Notre Dame High School	Clarksburg		X				N/A	6,500,000.00	2,150,000.00	231,775.00	635.00	N/A
Nutter Fort Elementary	Nutter Fort		X				N/A	4,250,000.00	2,250,000.00	328,500.00	900.00	N/A
Nutter Fort FD	Nutter Fort	X					N/A	750,000.00	2,850,000.00	82,125.00	225.00	N/A
Oglebay Hall	Morgantown					X	54,816	14,468,426.00	14,468,426.00	240,000.00	6,500.00	300
Old Morgantown PO	Morgantown					X	12,500	1,500,000.00	38,000.00	10,000.00	27.00	15

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		X	X	X	X	X						
Old Stone House	Morgantown					X	N/A	N/A	N/A	N/A	N/A	N/A
Old Watson Homestead	Morgantown					X	N/A	N/A	N/A	N/A	N/A	N/A
Old West Union ES	West Union		X				N/A	N/A	N/A	N/A	0.00	N/A
Opekiska Lock and Dam	Monongalia					X	50,400	35,000,000.00	N/A	50,000,000.00	200,000.00	N/A
Owens Industrial Commercial	Preston			X			N/A	\$69,000.00	\$125,000.00	N/A	\$125.00	N/A
Packaging Corporation of America	Grafton			X			N/A	865,000.00	410,000.00	452,550.00	990.00	N/A
Peak Communications	Kingwood			X			N/A	\$25,000,000.00	\$300,000.00	N/A	\$19,178.08	N/A
Phillips Precast Concrete Inc.	Tunnelton			X			N/A	\$1,350,000.00	\$2,500,000.00	N/A	\$13,972.00	N/A
Pioneer Press of West Virginia	Terra Alta				X		N/A	N/A	N/A	N/A	N/A	N/A
Pleasant Valley ES	Pleasant Valley	X					27,528	2,505,048.00	2,505,048.00	1,480,000.00	4,100.00	296
Premier Medical Group	Nutter Fort	X					N/A	350,000.00	1,850,000.00	912,500.00	2,500.00	N/A
Presort Plus, Inc.	Fairmont			X			1,600	\$80,000.00	\$700,000.00	\$2,920,000.00	\$8,000.00	40
Press - Ex Printing	Kingwood			X			N/A	\$217,500.00	750,000.00	N/A	N/A	N/A
Pressley Ridge	Harrison		X				N/A	750,000.00	275,000.00	310,250.00	850.00	N/A
Preston Co. PSD # 1	Kingwood	X					N/A	\$100,000.00	\$100,000.00	N/A	\$767.00	N/A
Preston County Courthouse	Kingwood	X					N/A	\$979,200.00		N/A	N/A	N/A
Preston High School	Kingwood		X				N/A	\$126,000.00	\$42,000.00	N/A	2,603.00	N/A

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		X	X	X	X	X						
Preston Machine Enterprises	Kingwood			X			N/A	\$800,000.00	\$750,000.00	N/A	\$2,131.00	N/A
Preston Memorial Hospital	Kingwood	X					N/A	N/A	N/A	N/A	N/A	N/A
Preston Publications, Inc.	Kingwood				X		N/A	\$850,000.00	\$1,000,000.00	N/A	N/A	N/A
Pretzell Excavating Co.,	Bruceton Mills			X			N/A	N/A	N/A	N/A	N/A	N/A
Prickett Bay Boat Launching	Marion					X	30,000	75,000.00	75,000.00	N/A	N/A	N/A
PRT Stations	Morgantown					X	N/A	N/A	N/A	N/A	N/A	N/A
Pruntytown Correctional Center	Grafton	X					N/A	4,800,000.00	375,000.00	286,280.00	553.00	N/A
Purinton House	Morgantown					X	13,353	2,670,600.00	267,600.00	240,000.00	650.00	30
Railroad	Preston	X						\$67,427,784.00	\$722,000.00	N/A	\$1,507.00	N/A
Railroads	Marion	X					613,583	25,156,903.00	25,156,903.00	N/A	N/A	N/A
Railroads	Monongalia	X					550,295	27,514,750.00	N/A	N/A	N/A	N/A
Railroads	Taylor	X					N/A	190,000,000.00	0.00	0.00	0.00	
Ralph Snyder Decagonal Barn	Masontown					X	N/A	N/A	N/A	N/A	N/A	N/A
Reckart Mill	Preston					X	N/A	N/A	N/A	N/A	N/A	N/A
Red Horse Tavern	Preston				X		N/A	N/A	N/A	N/A	N/A	N/A
Reedsville VFD	Reedsville	X					N/A	N/A	N/A	N/A	N/A	N/A
Refuse Control Systems	Grafton			X			N/A	475,000.00	205,000.00	280,180.00	761.00	N/A
Reiss Viking	Monongah			X			8,000	3,000,000.00	8,000,000.00	5,475,000.00	15,000.00	5
Residential	Harrison				X		N/A	1,000,566,600.00	N/A	N/A	N/A	N/A
Residential	Monongalia				X		N/A	3,651,920,821.00	N/A	N/A	N/A	N/A
Rex-Hide Industries, Inc.	Grafton			X			N/A	1,750,000.00	375,000.00	4,588,500.00	10,350.00	N/A

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		X	X	X	X	X						
Reynoldsville FD	Harrison	X					N/A	250,000.00	750,000.00	40,150.00	110.00	N/A
Ridgedale ES	Monongalia		X				30,800	3,532,104.00	77,845.00	1,315,000.00	3,600.00	283
River Rd. VFD	Monongalia	X					N/A	N/A	N/A	N/A	N/A	N/A
River Valley Chapter of ARC	Taylor	X						375,000.00	110,000.00	40,900.00	210.00	N/A
Rivesville Elementary/Middle School	Rivesville		X				39,674	3,610,334.00	3,610,334.00	1,560,000.00	4,300.00	312
Rivesville VFD	Rivesville	X					1,800	150,000.00	1,000,000.00	120,000.00	300.00	15
Roads	Marion	X					495,735	29,744,100.00	N/A	N/A	N/A	N/A
Roads	Monongalia	X					770,965	61,677,200.00	N/A	N/A	N/A	N/A
Roads	Taylor	X					N/A	950,000,000.00	0.00	0.00	0.00	N/A
Roads	Doddridge	X					N/A	9,530,400,000.00	0.00	N/A	0.00	N/A
Roadways	Preston	X					N/A	\$313,600.00	\$400,000.00	N/A	N/A	N/A
Rober C. Byrd High School	Clarksburg		X				N/A	14,100,000.00	6,750,000.00	341,275.00	935.00	N/A
Rogers House	Morgantown					X	6,900	532,000.00	20,000.00	5,000.00	10.00	5
Rosemont Post Office	Taylor				X		N/A	210,000.00	80,000.00	41,550.00	195.00	N/A
Rosewood Nursing & Rehabilitation Center	Grafton	X					N/A	3,500,000.00	325,000.00	281,750.00	1,265.00	N/A
Rowlesburg School	Rowlesburg		X				N/A	\$115,200.00	\$38,400.00	N/A	\$9,356.16	N/A
Rowlesburg VFD	Rowlesburg	X					N/A	N/A	N/A	N/A	N/A	N/A
Roy Airfield	Grafton	X					N/A	450,000.00	0.00	0.00	0.00	N/A
RRHAMCO, Inc.	Grafton			X			N/A	1,450,000.00	415,000.00	1,994,850.00	2,635.00	N/A
Ruskin Co.	Fairmont						N/A	N/A	N/A	N/A	N/A	N/A
Ruth Ann Musick Library	Fairmont	X					49,000	5,633,193.00	2,414,255.00	N/A	#VALUE!	N/A
Salem FD	Salem	X					N/A	250,000.00	1,150,000.00	40,150.00	110.00	N/A

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		X	X	X	X	X						
Salem International University	Salem		X				N/A	225,000,000.00	105,000,000.00	2,007,500.00	5,500.00	N/A
Salem Elem. School	Salem		X				N/A	1,400,000.00	350,000.00	173,375.00	475.00	N/A
Saltlick Creek Bridge	Union	X					N/A	\$1,008,000.00	N/A	N/A	N/A	N/A
Salvation Army	Grafton	X					N/A	290,000.00	75,000.00	22,450.00	115.00	N/A
Schultz Machine Co., Inc.	Fairmont			X			11,600	\$800,000.00	\$1,250,000.00	\$5,475,000.00	15,000.00	17
Scotts Run VFD	Monongalia	X					N/A	N/A	N/A	N/A	N/A	N/A
Second Ward Negro School	Morgantown					X	4,800	400,000.00	20,000.00	5,000.00	13.00	10
Seneca Glass Company Bldg.	Morgantown					X	35,700	2,500,000.00	2,000,000.00	1,000,000.00	2,700.00	150
Sewer Plant - Albright	Albright	X					N/A	\$82,417.00	\$82,417.00	N/A	\$104.00	N/A
Sewer Plant - Brandonville	Brandonville	X					N/A	\$834,000.00	\$100,000.00	N/A	\$616.00	N/A
Sewer Plant - Kingwood	Kingwood	X					N/A	\$125,000.00	\$5,000.00	N/A	\$107.00	N/A
Sewer Plant - Masontown	Masontown	X					N/A	N/A	N/A	N/A	N/A	N/A
Sewer Plant - Newburg	Newburg	X					N/A	\$1,150,000.00	\$2,400,000.00	N/A	\$1,369.00	N/A
Sewer Plant - Rowlesburg	Rowlesburg	X					N/A	\$1,052,500.00	\$1,000,000.00	N/A	\$328.00	N/A
Sewer Plant - Terra Alta	Terra Alta	X					N/A	N/A	N/A	N/A	N/A	N/A
Sharon Coal Company	Reedsville			X			N/A	\$300,000.00	\$150,000.00	N/A	\$685.00	N/A
Shatters Printing	Preston			X			N/A	N/A	N/A	N/A	N/A	N/A
Shaw House	Fairmont					X	N/A	N/A	N/A	N/A	N/A	N/A

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		X	X	X	X	X						
Sheriff's Residence	Fairmont					X	1,400	65,000.00	20,000.00	55,000.00	200.00	4
Shinnston Clinic	Shinnston	X					N/A	110,000.00	230,000.00	657,000.00	1,800.00	N/A
Shinnston FD	Shinnston	X					N/A	1,250,000.00	3,250,000.00	60,225.00	165.00	N/A
Shinnston Sewer Plant	Shinnston	X					N/A	250,000.00	14,275,000.00	246,375.00	675.00	N/A
Sign & More in 24	Fairmont			X			2,900	\$255,200.00	\$200,000.00	\$73,000.00	\$200.00	1
Simpson Elementary	Taylor		X				N/A	N/A	N/A	N/A	N/A	N/A
Simpson Post Office	Simpson				X		N/A	275,000.00	95,000.00	43,650.00	205.00	N/A
Skyview ES	Morgantown		X				N/A	N/A	N/A	N/A	N/A	N/A
Smith School	West Union		X				N/A	N/A	N/A	N/A	0.00	N/A
Smithburg VFD	Smithburg	X					N/A	235,000.00	750,000.00	N/A	136.99	N/A
South Fork Baptist Church	Doddridge				X		N/A	N/A	N/A	N/A	N/A	N/A
South Harrison High School	Harrison		X				N/A	11,275,000.00	3,250,000.00	237,250.00	650.00	N/A
South Harrison Middle School	Harrison		X				N/A	7,650,000.00	2,150,000.00	213,525.00	585.00	N/A
South MS	Morgantown		X				105,280	11,805,779.00	2,738,758.00	4,075,000.00	11,000.00	870
South Park Historic Dist.	Morgantown					X	2,111,589	N/A	N/A	N/A	N/A	N/A
Southwestern Public Service District	Grafton	X					N/A	1,000,000.00	4,000,000.00	1,118,400.00	1,440.00	N/A
Spelter FD	Harrison	X					N/A	250,000.00	1,150,000.00	40,150.00	110.00	N/A
St. Francis Central Catholic	Morgantown		X				60,000	2,200,000.00	2,200,000.00	1,600,000.00	135,000.00	500
St. Mary's Elementary School	Clarksburg		X				N/A	2,125,000.00	875,000.00	175,200.00	480.00	N/A
St. Mary's Orthodox Church	Monongalia					X	2,700	1,000,000.00	3,000,000.00	50,000.00	135.00	120

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		X	X	X	X	X						
Stalnaker Hall	Morgantown					X	102,973	31,145,563.00	31,145,563.00	3,600,000.00	9,800.00	450
Star City PD	Star City	X					15,000	1,950,000.00	120,000.00	120,000.00	320.00	6
Star City VFD	Star City	X					9,500	2,000,000.00	7,000,000.00	70,000.00	192.00	200
State Police - Kingwood	Kingwood	X					N/A	\$25,755.00	\$2,000.00	N/A	\$313.22	N/A
State Police - West Union	West Union	X					N/A	1,500,000.00	30,000.00	N/A	1,298.63	N/A
Steppingstone	Fairmont					X	9,000	\$792,000.00	\$792,000.00	N/A	N/A	N/A
Stewart Hall	Morgantown					X	38,405	7,681,000.00	7,681,000.00	1,600,000.00	4,300.00	200
Stickley, CW, Inc.	White Hall			X			N/A	N/A	N/A	N/A	N/A	N/A
Stonewood FD	Stonewood	X					N/A	350,000.00	975,000.00	40,150.00	110.00	N/A
Summit Park FD	Clarksburg	X					N/A	175,000.00	850,000.00	36,500.00	100.00	N/A
Sunbridge Care and Reahabilitation	Salem	X					N/A	1,200,000.00	425,000.00	803,000.00	2,200.00	N/A
Suncrest MS	Morgantown		X				66,865	8,534,947.00	1,504,600.00	1,995,000.00	5,450.00	425
Suncrest PS	Morgantown		X				N/A	N/A	N/A	N/A	N/A	N/A
Swanson Plating	Monongalia			X			225,000	8,000,000.00	20,000,000.00	2,000,000.00	54,000.00	330
Swiger Run Library	Doddridge				X		N/A	N/A	N/A	N/A	0.00	N/A
Taylor County Board of Education	Grafton		X				N/A	3,650,000.00	150,000.00	2,285,340.00	5,363.00	N/A
Taylor County Courthouse	Grafton	X					N/A	3,500,000.00	600,000.00	24,700.00	95.00	N/A
Taylor County Development Authority	Grafton						N/A	2,225,000.00	115,000.00	185,700.00	715.00	N/A
Taylor County Emergency Communications Center - 911	Grafton	X					N/A	1,550,000.00	2,675,000.00	64,500.00	300.00	N/A

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		X	X	X	X	X						
Taylor County Emergency Medical Services	Grafton	X					N/A	300,000.00	350,000.00	51,240.00	230.00	N/A
Taylor County Emergency Operations Center	Grafton	X					N/A	150,000.00	350,000.00	76,650.00	350.00	N/A
Taylor County Fairgrounds	Grafton			X			N/A	650,000.00	50,000.00	21,600.00	90.00	N/A
Taylor County Jail	Grafton	X					N/A	775,000.00	150,000.00	117,900.00	540.00	N/A
Taylor County Middle School	Grafton		X				N/A	6,575,000.00	305,000.00	688,950.00	1,235.00	N/A
Taylor County Office of Emergency Services	Grafton	X					N/A	500,000.00	180,000.00	76,575.00	415.00	N/A
Taylor County Public Library	Grafton				X		N/A	580,000.00	220,000.00	120,450.00	565.00	N/A
Taylor County Public Service District	Grafton	X					N/A	6,475,000.00	6,450,000.00	2,246,500.00	3,150.00	N/A
Taylor County Senior Citizen's Association	Grafton	X					N/A	975,000.00	200,000.00	51,630.00	260.00	N/A
Taylor County Sheriff's Department	Grafton	X					N/A	675,000.00	135,000.00	148,400.00	785.00	N/A
Taylor County Supply Company	Grafton			X			N/A	395,000.00	325,000.00	297,800.00	810.00	N/A
Taylor County Vocational Center	Grafton		X				N/A	8,500,000.00	395,000.00	652,800.00	1,170.00	N/A

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		X	X	X	X	X						
Taylor County Workshop	Grafton				X		N/A	775,000.00	255,000.00	202,120.00	514.00	N/A
Taz Hardwoods	Preston			X			N/A	\$1,000,000.00	\$20,000,000.00	N/A	\$109,589.00	N/A
Temp Corp., Inc.	Fairmont			X			N/A	\$320,000.00	\$500,000.00	\$600,000.00	1,600.00	8
Terra Alta / East Preston School	Terra Alta		X				N/A	\$6,384,000.00	\$2,128,000.00	N/A	\$2,849.32	N/A
Terra Alta Ambulance Squad Inc.	Terra Alta	X					N/A	N/A	N/A	N/A	N/A	N/A
Terra Alta Bank	Terra Alta	X					N/A	N/A	N/A	N/A	N/A	N/A
Terra Alta Public Library	Terra Alta				X		N/A	N/A	N/A	N/A	N/A	N/A
Terra Alta VFD	Terra Alta	X					N/A	\$350,000.00	\$650,000.00	N/A	\$275.00	N/A
The Heritage	Bridgeport		X				N/A	1,745,000.00	510,000.00	328,500.00	900.00	N/A
Thorns Excavating	Grafton			X			N/A	650,000.00	545,000.00	365,230.00	863.00	N/A
Thornton Fire Department	Thornton	X					N/A	410,000.00	355,000.00	55,675.00	260.00	N/A
Thornton Post Office	Thornton				X		N/A	200,000.00	90,000.00	40,500.00	190.00	N/A
Time Warner Cable	Taylor			X			N/A	950,000.00	225,000.00	912,000.00	4,200.00	N/A
Titus Field Airport (private)	Kingwood	X					N/A	N/A	N/A	N/A	N/A	N/A
TMC Technologies, he.	Fairmont			X			N/A	531,300.00	300,000.00	N/A	#VALUE!	25
Town Hall - Albright	Albright	X					N/A	\$140,800.00	\$10,000.00	N/A	\$49.00	N/A
Town Hall - Brandonsville	Brandonsville	X					N/A	\$105,600.00	\$8,000.00	N/A	\$186.00	N/A
Town Hall - Bruceeton Mills	Bruceeton Mills	X					N/A	\$55,000.00	\$15,000.00	N/A	\$116.00	N/A
Town Hall - Masontown	Masontown	X					N/A	N/A	N/A	N/A	N/A	N/A

Name or Description of Asset	Jurisdiction	Critical Facility	Vulnerable Populations	Economic Assets	Special Considerations	Historic/Other Considerations	Size of Bldg. (sq. ft.)	Replacement Value (\$)	Contents Value (\$)	Function Use or Value (\$)	Displacement Cost (\$)	Occupancy or Capacity (#)
		X	X	X	X	X						
Town Hall - Newburg	Newburg	X					N/A	\$500,000.00	\$1,200,000.00	N/A	\$3,328.00	N/A
Town Hall - Rowlesburg	Rowlesburg	X					N/A	\$35,000.00	\$10,000.00	N/A	\$342.47	N/A
Town Hall-Tara Alta	Terra Alta	X					N/A	N/A	N/A	N/A	N/A	N/A
Trinity Christian School	Monongalia		X				N/A	N/A	N/A	N/A	N/A	N/A
Triple D Logging	Preston			X			N/A	N/A	N/A	N/A	N/A	N/A
Triune-Halleck VFD	Monongalia	X					1,900	250,000.00	350,000.00	54,750.00	150.00	20
Tunnelton - Denver Elementary School	Tunnelton		X				N/A	\$114,300.00	\$38,100.00	N/A	\$2,972.60	N/A
Tunnelton Community Ambulance Service	Tunnelton	X					N/A	N/A	N/A	N/A	N/A	N/A
Tunnelton Railroad Depot	Tunnelton					X	N/A	N/A	N/A	N/A	N/A	N/A
Tunnelton VFD	Tunnelton	X					N/A	N/A	N/A	N/A	N/A	N/A
Tygart Lake Dam	Grafton	X					N/A	18,500,000.00	0.00	1,740,120.00	2,677.00	N/A
Tygart Lake Resort Properties	Grafton	X					N/A	3,775,000.00	650,000.00	51,000.00	200.00	N/A
Tygart Valley Total Care Clinic	Grafton	X					N/A	4,500,000.00	310,000.00	928,200.00	1,420.00	N/A
U.S. Postal Office - West Union	West Union				X		N/A	202,400.00	10,000.00	N/A	342.47	N/A
U.S. Postal Office - Masontown	Masontown				X		N/A	132,000.00	30,000.00	N/A	1,054.00	N/A

Name or Description of Asset	Jurisdiction	Critical Facility	Vulnerable Populations	Economic Assets	Special Considerations	Historic/Other Considerations	Size of Bldg. (sq. ft.)	Replacement Value (\$)	Contents Value (\$)	Function Use or Value (\$)	Displacement Cost (\$)	Occupancy or Capacity (#)
		X	X	X	X	X						
U.S. Postal Office - Tunnelton	Tunnelton				X		N/A	\$123,200.00	\$123,200.00	N/A	\$52.00	N/A
U.S. Postal Office - Arthurdale	Preston				X		N/A	\$2,329,565.00	\$731,442.00	N/A	\$11,829.00	N/A
U.S. Postal Office - Aurora	Preston				X		N/A	\$193,600.00	\$193,600.00	N/A	\$1,273.00	N/A
U.S. Postal Office - Blandville	Doddridge				X		N/A	N/A	N/A	N/A	0.00	N/A
U.S. Postal Office - Bruceton Mills	Bruceton Mills				X		N/A	\$220,000.00	\$220,000.00	N/A	\$55.00	N/A
U.S. Postal Office - Eglon	Preston				X		N/A	\$176,000.00	\$176,000.00	N/A	\$52.00	N/A
U.S. Postal Office - Kingwood	Kingwood				X		N/A	\$1,043,200.00	N/A	N/A	N/A	N/A
U.S. Postal Office - New Milton	Doddridge				X		N/A	52,800.00	4,000.00	N/A	232.88	N/A
U.S. Postal Office - Reedsville	Reedsville				X		N/A	N/A	N/A	N/A	N/A	N/A
U.S. Postal Office-Rowlesburg	Rowlesburg				X		N/A	\$211,200.00	\$15,000.00	N/A	\$49.00	N/A
U.S. Postal Office - Smithburg	Doddridge				X		N/A	70,400.00	3,200.00	N/A	164.38	N/A
U.S. Postal Office - Terra Alta	Terra Alta				X		N/A	\$271,920.00	\$20,000.00	N/A	\$320.00	N/A
U.S. Postal Office-Newburg	Newburg				X		N/A	\$30,000.00	\$30,000.00	N/A	N/A	N/A

Name or Description of Asset	Jurisdiction	Critical Facility	Vulnerable Populations	Economic Assets	Special Considerations	Historic/Other Considerations	Size of Bldg. (sq. ft.)	Replacement Value (\$)	Contents Value (\$)	Function Use or Value (\$)	Displacement Cost (\$)	Occupancy or Capacity (#)
		X	X	X	X	X						
United Hospital Center	Clarksburg	X					N/A	375,000,000.00	200,000,000.00	4,380,000.00	12,000.00	N/A
United States Army Reserve Corp. 363rd Military Police	Grafton	X					N/A	615,000.00	650,000.00	137,575.00	635.00	N/A
United Technical Center	Harrison		X				N/A	1,425,000.00	3,100,000.00	155,125.00	425.00	N/A
University HS	Morgantown		X				128,717	13,464,860.00	3,355,504.00	6,470,000.00	17,700.00	1350
Upper Buckeye Community Building	Doddridge				X		N/A	N/A	N/A	N/A	N/A	N/A
Upper Deckers #4	Monongalia					X	N/A	N/A	N/A	N/A	N/A	N/A
VA Hospital	Clarksburg	X					N/A	250,000,000.00	115,000,000.00	4,106,250.00	11,250.00	N/A
Valley Elementary School	Preston		X				N/A	\$822,600.00	\$274,250.00	N/A	\$7,534.25	N/A
Valley Fuels	Masontown	X					N/A	N/A	N/A	N/A	N/A	N/A
Valley Health Care System	Grafton	X					N/A	2,000,000.00	295,000.00	865,200.00	1,320.00	N/A
Valley National Gasses Inc.	Marion			X			N/A	N/A	N/A	N/A	N/A	9
Valley Point	Preston	X					N/A	\$184,800.00	\$184,800.00	N/A	N/A	N/A
Valley VFD	Pleasant Valley	X					1,600	200,000.00	500,000.00	120,000.00	300.00	20
Van Horn Elementary	Salem		X				N/A	1,425,000.00	750,000.00	169,725.00	465.00	N/A
Vance Farmhouse	Monongalia					X	1,800	138,600.00	100,000.00	20,000.00	50.00	9
Vanco Welding & Repair, Inc.	Grafton			X			N/A	1,125,000.00	200,000.00	336,520.00	914.00	N/A
Virginia Furnace	Preston			X			N/A	\$30,000.00	\$22,500.00	N/A	\$500.00	N/A
W.Scott Stuart House	Doddridge					X	N/A	N/A	N/A	N/A	0.00	N/A

Name or Description of Asset	Jurisdiction	Critical Facility	Vulnerable Populations	Economic Assets	Special Considerations	Historic/Other Considerations	Size of Bldg. (sq. ft.)	Replacement Value (\$)	Contents Value (\$)	Function Use or Value (\$)	Displacement Cost (\$)	Occupancy or Capacity (#)
		X	X	X	X	X						
Wadestown VFD	Monongalia	X					3,800	500,000.00	500,000.00	125,000.00	340.00	30
Waitman T. Willey House	Morgantown					X	10,560	800,000.00	250,000.00	10,000.00	25.00	1
Waldo Run Sewage Plant	Doddridge	X					N/A	N/A	N/A	N/A	N/A	N/A
Wallace FD	Harrison	X					N/A	150,000.00	650,000.00	36,500.00	100.00	N/A
Walmart Associates	Grafton			X			N/A	3,850,000.00	1,750,000.00	7,108,500.00	17,850.00	N/A
Walters House	Morgantown					X	5,750	442,750.00	200,000.00	10,000.00	20.00	2
Wastewater Treatment Plant	Fairmont	X					40,000	10,000,000.00	10,000,000.00	36,500,000.00	100,000.00	25
Water Plant - Albright	Albright	X					N/A	\$400,000.00	\$20,000.00	N/A	\$479.45	N/A
Water Plant - Brandonville	Brandonville	X					N/A	N/A	N/A	N/A	N/A	N/A
Water Plant - Kingwood	Kingwood	X					N/A	N/A	N/A	N/A	N/A	N/A
Water Plant - Masontown	Masontown	X					N/A	N/A	N/A	N/A	N/A	N/A
Water Plant - Rowlesburg	Rowlesburg	X					N/A	\$1,200,000.00	\$1,500,000.00	N/A	\$605.00	N/A
Water Plant - Terra Alta	Terra Alta	X					N/A	\$150,000.00	\$50,000.00	N/A	\$342.00	N/A
Water Treatment Plant	Fairmont	X					35,000	10,000,000.00	10,000,000.00	73,000,000.00	200,000.00	25
Wat-Mart	Fairmont			X			93,000	6,231,000.00	5,000,000.00	46,000,000.00	126,000.00	150
Watson ES	Marion		X				34,369	3,127,579.00	3,127,579.00	1,920,000.00	5,300.00	384
West Milford Elementary	West Milford		X				N/A	1,245,000.00	850,000.00	177,025.00	485.00	N/A
West Milford FD	West Milford	X					N/A	175,000.00	850,000.00	38,325.00	105.00	N/A
West Milford Senior Center	West Milford		X				N/A	1,250,000.00	750,000.00	169,725.00	465.00	N/A
West Point ES	Doddridge		X				N/A	N/A	N/A	N/A	N/A	N/A
West Preston Middle School	Masontown		X				N/A	\$1,529,100.00	\$509,700.00	N/A	\$3,260.27	N/A

Name or Description of Asset	Jurisdiction	Critical Facility	Vulnerable Populations	Economic Assets	Special Considerations	Historic/Other Considerations	Size of Bldg. (sq. ft.)	Replacement Value (\$)	Contents Value (\$)	Function Use or Value (\$)	Displacement Cost (\$)	Occupancy or Capacity (#)
		X	X	X	X	X						
West Side Communications	Grafton			X			N/A	775,000.00	200,000.00	494,000.00	2,275.00	N/A
West Taylor County Industrial Site	Taylor			X			N/A	6,750,000.00	2,450,000.00	2,340,500.00	3,350.00	N/A
West Taylor Elementary School	Flemington		X				N/A	3,250,000.00	230,000.00	437,850.00	785.00	N/A
West Union Christian Church	West Union				X		N/A	N/A	N/A	N/A	0.00	N/A
West Union City Hall	West Union	X					N/A	166,320.00	60,000.00	N/A	136.99	N/A
West Union Methodist Church	West Union				X		N/A	N/A	N/A	N/A	0.00	N/A
West Union Museum	West Union					X	N/A	200,000.00	400,000.00	N/A	0.00	N/A
West Union VFD	West Union	X					N/A	350,000.00	1,000,000.00	N/A	205.48	N/A
West Union Wastewater Plant	West Union	X					N/A	295,036.00	N/A	N/A	0.00	N/A
West Union Water Treatment Plant	West Union	X					N/A	257,500.00	513,738.00	N/A	0.00	N/A
West Virginia Department of Corrections	Grafton	X					N/A	1,200,000.00	750,000.00	3,385,000.00	8,500.00	N/A
West Virginia Division of Highways	Harrison	X					N/A	350,000.00	580,000.00	79,850.00	360.00	N/A
West Virginia Paving, Inc.	Bruceton Mills	X					N/A	\$882,000.00	\$294,000.00		\$2,986.30	N/A

Name or Description of Asset	Jurisdiction	Critical Facility	Vulnerable Populations	Economic Assets	Special Considerations	Historic/Other Considerations	Size of Bldg. (sq. ft.)	Replacement Value (\$)	Contents Value (\$)	Function Use or Value (\$)	Displacement Cost (\$)	Occupancy or Capacity (#)
		X	X	X	X	X						
West Virginia Paving, Inc.	Flemington	X					N/A	425,000.00	195,000.00	349,600.00	920.00	N/A
West Virginia State Police	Grafton	X					N/A	750,000.00	180,000.00	202,850.00	920.00	N/A
West Virginia University	Morgantown	X					5,655,100	1,867,156,000.00	500,000,000.00	483,000,000.00	13,200,000.00	23000
Westover City Hall	Westover	X					N/A	N/A	N/A	N/A	N/A	N/A
Westover PD	Westover	X					N/A	N/A	N/A	N/A	N/A	N/A
Westover VFD	Westover	X					2,000	150,000.00	1,500,000.00	100,000.00	250.00	25
Westwood MS	Westover		X				72,850	8,519,979.00	1,942,446.00	2,460,000.00	6,700.00	525
White Hall ES	White Hall		X				22,639	2,060,149.00	2,060,149.00	1,000,000.00	2,700.00	200
Wilcox Rubber Stamps	Marion			X			1,200	\$70,000.00	\$30,000.00	\$36,500.00	100.00	6
Wilsonburg Elementary	Harrison		X				N/A	1,500,000.00	650,000.00	146,000.00	400.00	N/A
Windy Hill Manor	Bruceston Mills			X			N/A	340,000.00	300,000.00	N/A	N/A	N/A
Winfield Dist. VFD	Fairmont	X					3,800	500,000.00	570,000.00	250,000.00	700.00	20
Winner's Choice	Pleasant Valley			X			7,500	\$660,000.00	\$750,000.00	\$1,825,000.00	5,000.00	10
Wishing Well Health Center	Fairmont				X		N/A	N/A	N/A	N/A	N/A	N/A
Women's Christian Temperance Union Comm. Bldg.	Morgantown					X	9,600	730,000.00	200,000.00	50,000.00	138.00	6
Woodburn ES	Morgantown		X				24,301	2,203,093.00	645,921.00	1,010,000.00	2,750.00	215
Woodburn Hall	Morgantown					X	55,721	11,144,200.00	5,000,000.00	5,000,000.00	13,500.00	300
Worthington Park	Worthington				X		100	\$8,800.00	\$8,800.00	N/A	N/A	N/A
Worthington VFD	Worthington	X					3,400	300,000.00	1,000,000.00	140,000.00	400.00	30
WV Business College	Nutter Fort		X				N/A	350,000.00	125,000.00	91,250.00	250.00	N/A

Name or Description of Asset	Jurisdiction	Critical Facility	Vulnerable Populations	Economic Assets	Special Considerations	Historic/Other Considerations	Size of Bldg. (sq. ft.)	Replacement Value (\$)	Contents Value (\$)	Function Use or Value (\$)	Displacement Cost (\$)	Occupancy or Capacity (#)
		X	X	X	X	X						
WV Junior College	Bridgeport		X				N/A	575,000.00	250,000.00	127,750.00	350.00	N/A
WV Route 7 Bridge	Preston	X					N/A	\$6,720,000.00	\$7,000,000.00	N/A	N/A	N/A
WV State Police	Morgantown	X					3,900	500,000.00	500,000.00	500,000.00	1,300.00	21
WVDOH (West Union) Garage	West Union	X					N/A	193,330.00	100,000.00	N/A	0.00	N/A
WVDOH (West Union) Main Building	West Union	X					N/A	316,370.00	50,000.00	N/A	5,778.08	N/A
WVU Hospital (Ruby Memorial)	Morgantown	X					380,000	55,100,000.00	100,000,000.00	100,000,000.00	273,000.00	3000

## 2.2 HAZARD PROFILES

§201.6(c)(2)(i)

[The risk assessment shall include a] description of the...location and extent of all natural hazards that can affect the jurisdiction. The plan shall include information on previous occurrences of hazard events and on the probability of future hazard events.

The section above identifies which hazards affect the jurisdictions in Region VI, but it does not explain *how* these hazards affect them. To do so, “profiles” have been developed for each hazard identified in Section 2.1. The profile describes how each hazard manifests itself in each of the Region VI counties.

Each of the ten (10) profiles below contains estimated losses as a result of the hazard being profiled. All loss estimates were calculated in the same manner, which is as follows. Calculations followed the guidance provided by Worksheet #4 from Federal Emergency Management Agency (FEMA) 386-2, *State and Local Mitigation Planning How-To Guide: Understanding Your Risks*. The data from which loss estimates are derived is taken from the specific asset inventory listing. For instance, structural loss is a function of the total replacement value, contents loss a function of the total contents value, and so on. Loss estimates are calculated on an asset-by-asset basis and totaled for each hazard identified in 2.1: Identify Hazards.

Structural loss is determined by multiplying the structural replacement value of each community asset by an estimated percent damage. The damage estimate is based on historical hazard events (e.g. damage actually sustained by a facility or damage sustained by nearby facilities). The summation of the resulting loss to each structure represents the “worst-case scenario” total structural loss potential for that hazard on an area-wide basis.

Contents loss is determined in much the same way as structural loss, i.e. the contents value figure for each asset is multiplied by an estimated damage percentage. Again, the resulting losses are totaled for an area-wide loss estimate.

Structure use and function loss is the most detailed calculation completed during the loss estimate phase. The average daily operating costs are multiplied by the estimated number of days the facility could be inoperable and added to any costs incurred for relocation, etc. Again, loss figures for each of the community assets are totaled for an area-wide, “worst-case” scenario structure use and function loss for each

hazard.

The total hazard-related loss for each individual hazard is calculated by simply adding the structural, contents, and structure use/function losses. Worksheets #4 in Appendix 2 provides total hazard-related loss estimates for each county.

2.2.1: Dam Failure

A dam failure is when downstream flooding occurs as the result of the complete or partial inundation of an impoundment.

RESEARCH SOURCES

- WV Department of Environmental Protection (WVDEP) Dam Safety
- Interviews with Local Officials
- Internet Research (<http://itouchmap.com>)

Period of Occurrence:	At any time
Number of Events to Date (2000-2012):	0
Probability of Event:	Infrequent – Dams that fail typically have some deficiency that causes the failure that should be detected by regular inspections and subsequently repaired. Heavy rains or moderate earthquakes may trigger a dam failure.
Warning Time:	Minimal – Depends on frequency of inspection
Potential Impacts:	Potential loss of human life, economic loss, environmental damage, disruption of lifeline facilities
Cause Injury or Death:	Injury and risk of multiple deaths
Potential Facility Shutdown:	30 days or more

HAZARD EFFECTS

Dam failure is often the result of prolonged rainfall or flooding or, during prolonged dry periods, erosion. The primary hazard surrounding dam failure is the swift, unpredictable flooding of those areas immediately downstream. While general inundation areas can be determined, it is often impossible to know exactly how and where water held back by a dam will flow during a rapid failure of the dam.

Generally, there are three (3) types of dam failures: hydraulic, seepage, and structural.

- **Hydraulic Failure:** Hydraulic failures result from the uncontrolled flow of water over the dam, around and adjacent to the dam, and the erosive action of water on the dam and its foundation. Earthen dams are particularly vulnerable to hydraulic failure since earth erodes at relatively small velocities.

- **Seepage Failure:** All dams exhibit some seepage that must be controlled in velocity and amount. Seepage occurs both through the dam and the foundation. If uncontrolled, seepage can erode material from the foundation of an earthen dam to form a conduit through which water can pass. This passing of water often leads to a complete failure of the structure, known as piping.
- **Structural Failure:** Structural failures involve the rupture of the dam and/or its foundation. This is particularly a hazard for large dams and for dams built of low strength materials such as silts, slag, fly ash, etc.

Dam failures generally result from a complex interrelationship of several failure modes. Uncontrolled seepage may weaken the soils and lead to a structural failure. Structural failure may shorten the seepage path and lead to a piping failure. Surface erosion may lead to structural or piping failures.

The WVDEP classifies dams into four (4) categories, including the following:

- **Class 1 (High Hazard):** Dams located where failure may cause loss of human life or major damage to dwellings, commercial or industrial buildings, main railroads, important public utilities, or where a high-risk highway may be affected or damaged.
- **Class 2 (Significant Hazard):** Dams located where failure may cause minor damage to dwellings, commercial or industrial buildings, important public utilities, main railroads, or cause major damage to unoccupied buildings, or where a low-risk highway may be affected or damaged. Loss of human life from a failure of a Class 2 dam is unlikely.
- **Class 3 (Low Hazard):** Dams located in rural or agricultural areas where failure may cause minor damage to non-residential and normally unoccupied buildings, or rural or agricultural land. Failure of a Class 3 dam would cause only a loss of the dam itself and a loss of property use, such as use of related roads, with little additional damage to adjacent property.
- **Class 4 (Negligible Hazard):** Dams where failure is expected to have no potential for loss of human life, no potential for property damage, and no potential for significant harm to the environment.

## HAZARD PROFILE

There are numerous dam facilities throughout the region, some of which are more high profile than others. The chart below lists all of the dams in the region on which the WVDEP maintains information.

<b>Dams in the Region VI Area</b>			
<i>Dam</i>	<i>County</i>	<i>Stream</i>	<i>Nearest Town or Community</i>
Crystal Lake	Doddridge	Middle Island Creek	Josephs Mills
Upper Salem Dam	Harrison	Dog's Run	Salem
Hinkle Lake	Harrison	Davisson Run	Bridgeport
Palmer Lake	Harrison	Simpson Creek	Meadowbrook
Consolidated Gas Co. Lake	Harrison	Upper Bingamon Creek	Wyatt
Lake Floyd Dam	Harrison	West Fork River	Salem
Lower Salem WS	Harrison	Salem Fork	Salem
Salem Fork #9	Harrison	Salem Fork	Salem
Clarksburg WS Dam	Harrison	Buffalo Creek	Clarksburg
Maple Lake	Harrison	Peddlers Run	Bridgeport
Neely Hollow Impoundment	Harrison	N/A	N/A
Lowe Impoundment	Harrison	N/A	Shinnston
Margaret Freshwater	Harrison	N/A	Joetown
Robinson Run Freshwater	Harrison	N/A	Shinnston
Upper Buffalo #33a	Marion	Flat Run	Mannington
Upper Buffalo #39	Marion	Llewellyn Run	Mannington
Upper Buffalo #16	Marion	Dent's Run	Mannington
Upper Buffalo #4	Marion	Owen Davy Run	Curtisville
Mannington Water Supply Dam	Marion	Dent's Run	Mannington
Laurel Run Lake	Marion	Laurel Run	Smithtown
Upper Buffalo #2	Marion	Buffalo Creek	Deep Valley
Rock Lake	Marion	Glady Creek	Hammond
O'Donne	Marion	N/A	Mannington
Llewellyn Impoundment	Marion	N/A	Mannington
Paradise Lake	Monongalia	Boyd Run	Three Fork Bridge
Wildwood Lake	Monongalia	Boyd Run	Three Fork Bridge
Cobun Creek Dam	Monongalia	Cobun Creek	Morgantown
Lynch Lake	Monongalia	Lil' Indian Creek	Osgood
Lake Lynn	Monongalia	Cheat River	Point Marion (PA)
Dogwood Lake	Monongalia	N/A	Crown
Bowley Mills	Monongalia	N/A	Mt. Morris (PA)
Lemley	Monongalia	N/A	Core
Pursglove Bailey	Monongalia	N/A	Morgantown
Blacksville #2	Monongalia	N/A	Wana
Morgantown Lock and Dam	Monongalia	Monongahela River	Morgantown
Hildebrand Lock and Dam	Monongalia	Monongahela River	Morgantown

<b>Dams in the Region VI Area</b>			
<i>Dam</i>	<i>County</i>	<i>Stream</i>	<i>Nearest Town or Community</i>
Opekiska Lock and Dam	Monongalia	Monongahela River	Morgantown
Upper Deckers #3	Preston	Upper Deckers	Masontown
Preston Co.Light/Power Lake #2	Preston	Falls Run	Greer
Preston Co.Light/Power Lake #1	Preston	Falls Run	Greer
B & O Dam	Preston	Lil' Raccoon Creek	Newburg
Glady Run of Deckers # 2	Preston	Glade Run	Cascade
Glady Run of Deckers #1	Preston	Glade Run	Cascade
Upper Deckers #7	Preston	Deckers Creek	Masontown
Upper Deckers #6	Preston	Deckers Creek	Reedsville
Upper Deckers #4	Preston	Billan Run	Bretz
Upper Deckers #2	Preston	Laurel Run	Bretz
Upper Deckers #1	Preston	Deckers Creek	Arthur Dale
Masontown Water Supply Dam	Preston	Back Run	Masontown
Ashpole Dam	Preston	Ashpole Run	Albright
Lake O'Woods Dam	Preston	Patterson Run	Laurel Run
Alpine Lake	Preston	Wardwell Run	Corinth
Upper Deckers #5	Preston	Canes Creek	Reedsville
Big Bear Lake	Preston	Beaver Creek	Bruceton Mills
Camp Roy Weler Lake	Preston	Big Sandy Creek	Bruceton Mills
Elmer Grimm Lake	Preston	N/A	Turner Douglas
Chippewa Lake	Preston	Laurel Run	Kingwood
Key Run Lake	Preston	Left Fork	Rowlesburg
Keyer Run Dam	Preston	Right Fork	Rowlesburg
Albright Bridge Dam	Preston	Cheat River	Albright
Fairfax Pond	Preston	Kanes Creek	Arthur Dale
Terra Alta Lake	Preston	Snowy Creek	Terra Alta
Bruceton Mills Dam	Preston	Big Sandy Creek	Bruceton Mills
Tygart Dam	Taylor	Tygart River	Grafton

The perception of the dam failure risk varies from county to county; this perception is rooted in reality since the actual risk varies quite considerably. In Harrison County, the severity is considered “catastrophic” but the actual probability is considered low. In Harrison County, there are five (5) dams that do not satisfy the requirements of the West Virginia Dam Safety Act. (\*NOTE: Only the number was provided, not the actual names of the dams.) In Taylor County, the dam failure risk is perhaps the most “visible” with the presence of the Tygart Dam just outside of Grafton. Some of Preston County’s dams could cause minor damage if breached. In many cases, those dams are

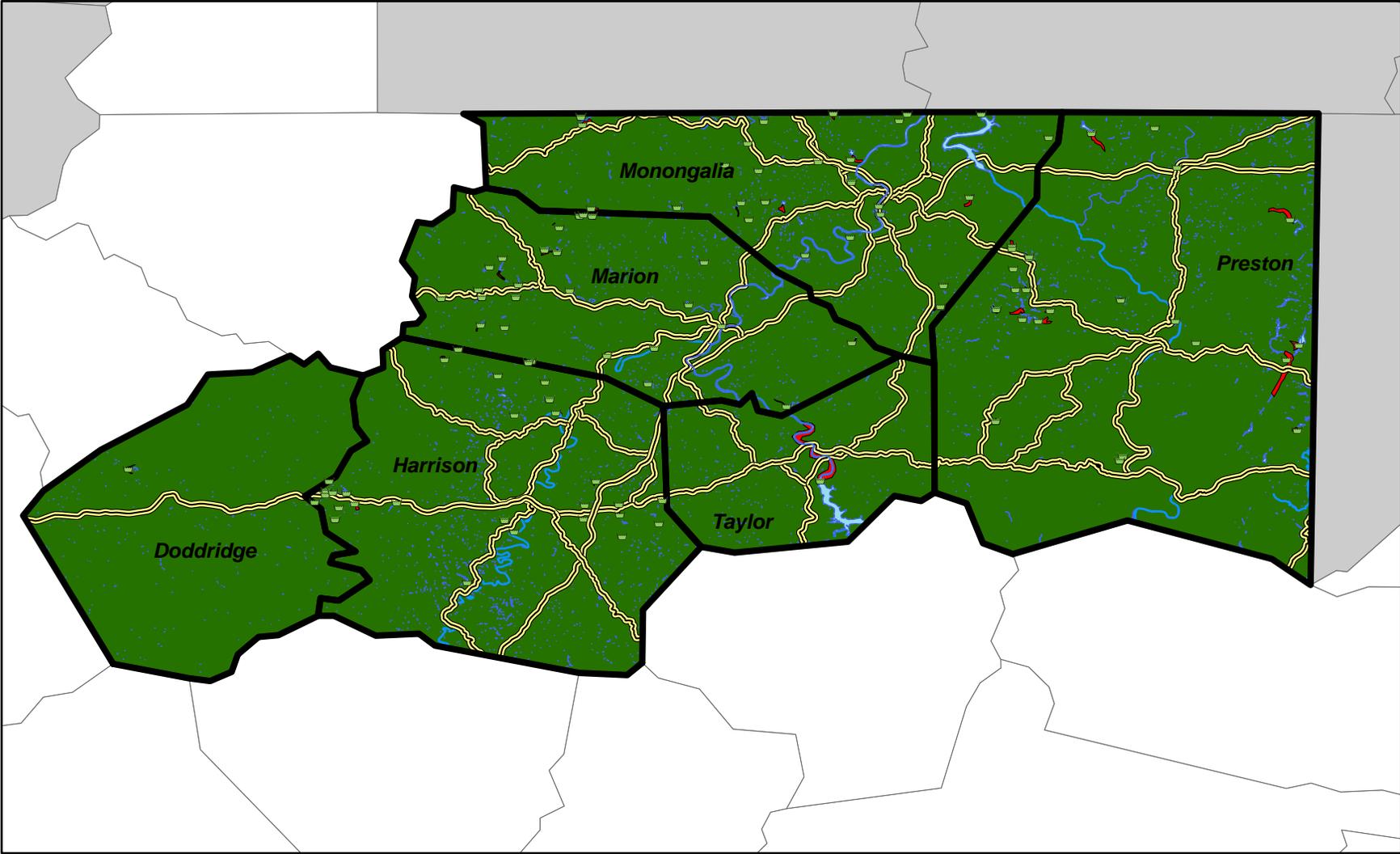
less than five (5) miles away from the nearest community. For example, in the event that the Masontown Water Supply Dam failed, it could result in minor damage to dwellings, public utilities, and roadways; however, loss of human life would be unlikely.

#### VULNERABLE STRUCTURES

Vulnerable Structures – Dam Failure								
County	Residential	Commercial	Industrial	Agricultural	Religious	Government	Education	Utilities
Doddridge	25	0	0	2	1	0	0	0
Harrison	1194	63	5	29	5	0	0	1
Marion	2166	46	15	11	20	0	1	1
Monongalia	4925	779	0	0	9	1	5	67
Preston	2319	78	10	161	18	0	0	5
Taylor	91	3	0	6	1	0	0	3
<b>TOTALS</b>	<b>10720</b>	<b>969</b>	<b>30</b>	<b>211</b>	<b>54</b>	<b>1</b>	<b>6</b>	<b>77</b>

#### LOSS ESTIMATES

In an effort to assist jurisdictional understanding of risks and implementation of strategies, loss estimates were done for each county (see Appendix 2). By averaging those estimates, this plan assumes a total, regional loss estimate *per dam failure incident* to be as much as \$101,346,577. If all counties in the region were affected to the “worst case scenario” level, as much as \$608,079,466 could be lost.



**Vulnerability to Dam Failure**

- Moderate Hazard
- High Hazard

2.2.2: Drought

Drought is an extended period of deficient rainfall relative to the statistical mean for a region.

RESEARCH SOURCES

- National Climatic Data Center (NCDC) Event Records

Period of Occurrence:	Summer months or extended periods with no precipitation
Number of Events to Date (1999 – 2012):	8
Probability of Event:	Infrequent – Small scale droughts occur frequently, but events causing major disruption and economic loss are infrequent
Warning Time:	Weeks
Potential Impacts:	Activities that rely heavily on high water usage may be impacted significantly, including agriculture, tourism, wildlife protection, municipal water usage, commerce, recreation, electric power generation, and water quality deterioration. Droughts can lead to economic losses such as unemployment, decreased land values, and agrobusiness losses. Minimal risk of damage or cracking to structural foundations, due to soils.
Cause Injury or Death:	None
Potential Facility Shutdown:	None

HAZARD EFFECTS

Droughts are defined according to meteorological, hydrological, and agricultural criteria. Any significant deficit of precipitation is categorized as meteorological. Hydrological drought is apparent in noticeably reduced river and stream flow and critically low groundwater tables. Agricultural drought indicates an extended dry period that results in crop stress and harvest reduction.

The Palmer Drought Severity Index (PDSI) is widely used throughout the United States as a measure of drought and to track moisture conditions. The PDSI is defined as “an interval of time, generally in months or years in duration, during which the actual moisture supply at a given place rather consistently falls short of the climatically expected or climatically appropriate moisture supply”. The range of the PDSI is from -

4.0 (extremely dry) to +4.0 (excessively wet), with the central half (-2.0 to +2.0) representing normal or near normal conditions.

#### HAZARD PROFILE

A drought could have a significant impact to the economy of Region VI, as all counties are home to agricultural activity. Further, a number of historical droughts have been recorded. For example, Doddridge, Harrison, and Taylor Counties were among the 41 West Virginia counties to be designated an “agricultural disaster area” by the United States Department of Agriculture (USDA) between January 1 and November 19, 2002.

<b>Agriculture in Region VI Counties</b>			
<i>County</i>	<i>Number of Farms</i>	<i>Market Value of Products Sold</i>	<i>Percent Change in Value from 2002</i>
Doddridge	490	\$1,739,000	+18
Harrison	774	\$6,880,000	+34
Marion	550	\$2,679,000	+59
Monongalia	457	\$3,078,000	+25
Preston	1,048	\$13,644,000	+33
Taylor	471	\$6,261,000	+56
<b>TOTALS</b>			

As with many hazards, determining specific risk and vulnerability areas for drought is difficult. Drought is an “overall” hydrologic condition; that is, if one small area was without precipitation but a nearby area was not, it would be difficult to classify the entire area as “in a drought” due to the eventual seepage of said precipitation to the overall groundwater supply. Consequently, drought is said to affect the entire region evenly.

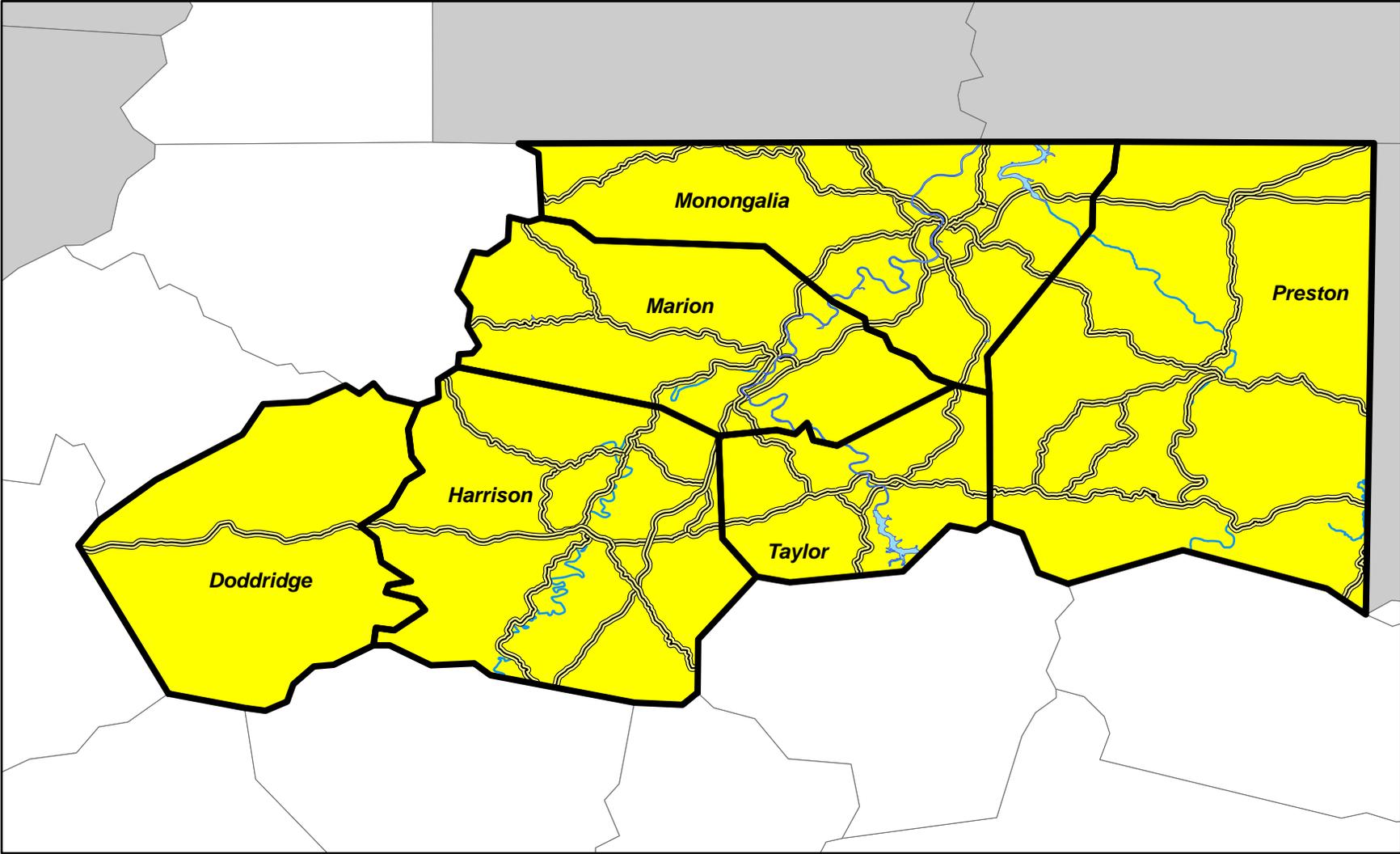
Drought could also significantly affect the drinking water supply throughout the Region VI area. A number of households rely on wells for drinking water. The following estimates represent the percent of households per county that rely on wells: Doddridge (82%), Harrison (12%), Marion (7%), Monongalia (7%), Preston (55%) and Taylor (20%).

#### LOSS ESTIMATES

To show drought’s impact on the region, though, the following chart depicts historical drought losses (*Source: NCDC Event Records*) as well as each county’s estimate of Worst Case Scenario (WCS) drought losses for the period 1999 to 2011.

<b>Historical Drought Occurrences and Losses</b>			
<i>County</i>	<i>Number of Droughts</i>	<i>Estimated Losses</i>	
Doddridge	8	\$0	
Harrison	7	\$0	
Marion	2	\$0	
Monongalia	2	\$0	
Preston	2	\$0	
Taylor	8	\$0	
<b>TOTALS</b>	<b>8*</b>	<b>\$0*</b>	<i>Avg. per Incident: \$0 (actual); \$0 (estimated WCS)</i>

\*NOTE: These are likely the same instances.



**Vulnerability to Drought**  
Moderate Hazard

### 2.2.3: Earthquake

An earthquake is a sudden motion or trembling that is caused by a release of strain accumulation within or along the edge of the Earth's tectonic plates.

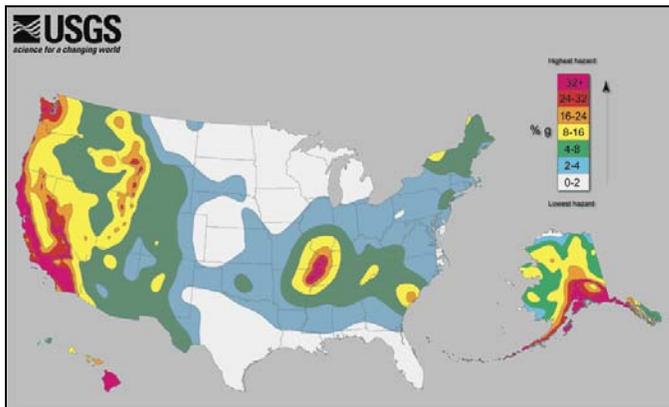
#### RESEARCH SOURCES

- US Geological Survey (USGS)
- Internet Research (<http://www.earthquake.gov>)

Period of Occurrence:	At any time
Number of Events to Date (1950 – 2012):	0 Epicenters; 2 Events
Probability of Event:	Infrequent
Warning Time:	None
Potential Impacts:	According to FEMA, areas with a PGA of 2 to 4 (0.02 to 0.04) will incur little to no damage with no function loss.
Cause Injury or Death:	Minor risk of injury
Potential Facility Shutdown:	None

#### HAZARD EFFECTS

An earthquake's sudden release of stored energy may manifest itself by shaking or displacing the ground. The severity of these effects is dependent on the amount of energy released from the fault (or epicenter) of the quake. The effects of an earthquake can be felt far beyond the site of its occurrence. Earthquakes usually occur without warning and, after just a few seconds, can cause massive damage and extensive casualties.



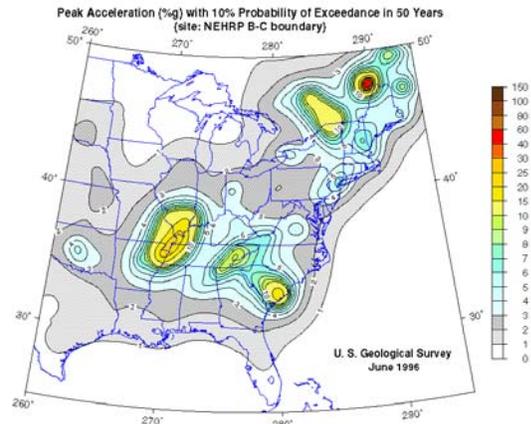
Common effects of earthquakes are ground motion and shaking, surface fault ruptures, and ground failure. Peak Ground Acceleration (PGA) is a measure of strength of ground movements. The PGA measures the rate in change of motion relative to the established rate of

acceleration due to gravity.

#### HAZARD PROFILE

The map provided by the USGS (shown below) depicts the PGA values for areas with a 10% chance of being exceeded over the next 50 years. West Virginia does have

an earthquake risk as it is located in the 2 and 3%g area. All of the counties in Region VI are located in the lower risk areas of eastern West Virginia. PGA values for each of Region VI's counties are list as between 2 (0.02) and 3 (0.03). These approximate values were determined by estimating the PGA values shown by the figure at right. The FEMA states that areas with these PGAs are considered to have a low to moderate earthquake risk. As such, earthquake vulnerability is rated "low".



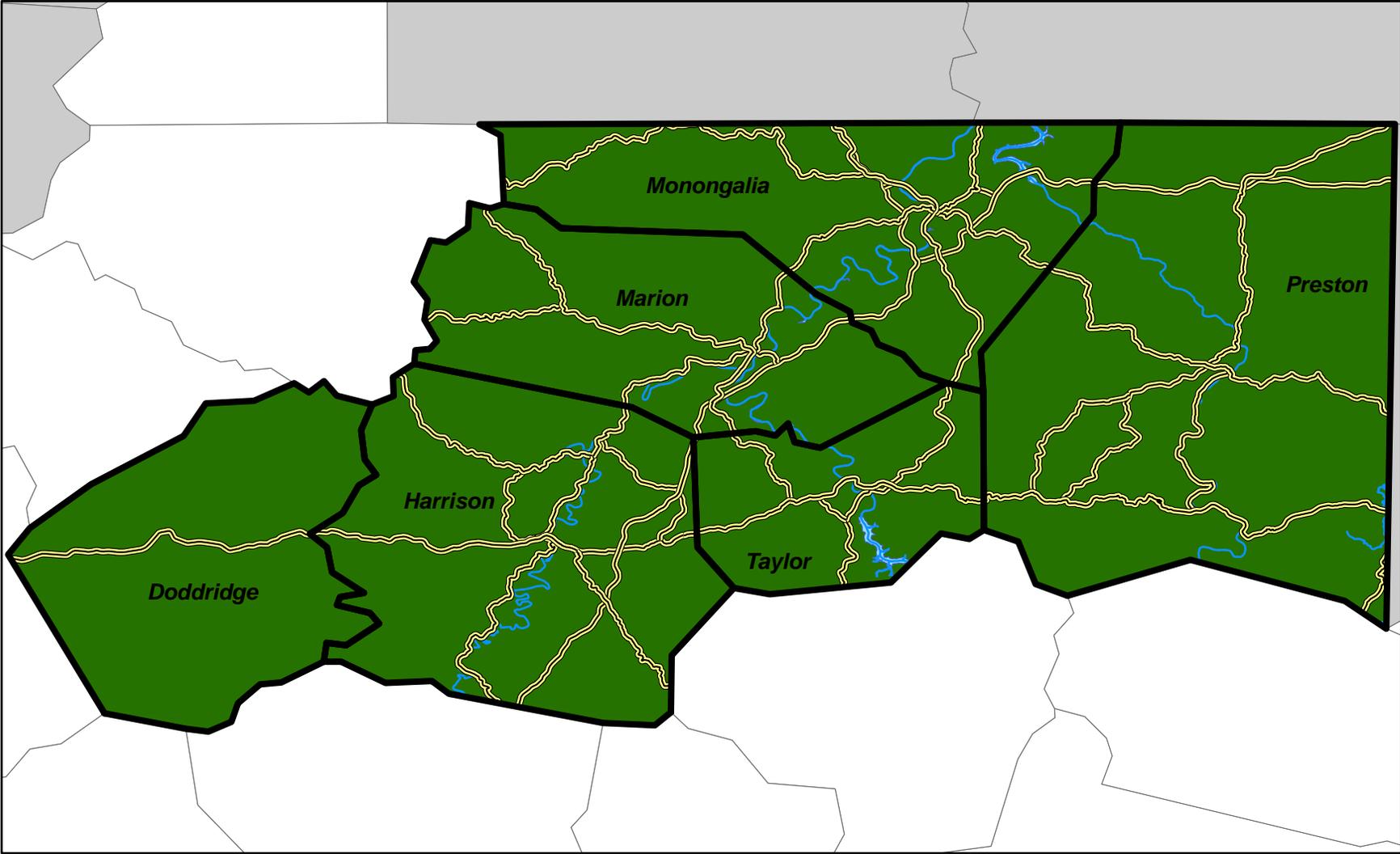
The Central and Southeast United States region covers a large area of relatively diffuse, low-rate seismicity. Principle areas of activity include the New Madrid Seismic Zone of the central Mississippi Valley and the Southern Appalachian Seismic Zone, extending from Virginia to Alabama. These areas of continued seismic activity increase the likelihood of Region VI's counties experiencing or being affected by an earthquake at some point in time. This assumption recently proved true, as a small earthquake (magnitude 2.9) occurred in April, 2010, near the Town of Man in Logan County (south of Region VI). A second small earthquake (magnitude 2.8) also occurred in April near Sutton in Braxton County, again to the south of the region. It is also significant to note that a 5.0-magnitude earthquake on the Ontario-Quebec border in Canada in June, 2010, caused noticeable shaking in areas as far south as Morgantown.

The most high-profile earthquake event to occur near North Central West Virginia occurred in August, 2011. A magnitude 5.8 earthquake centered in Louisa, Virginia shook structures throughout West Virginia, Pennsylvania, Virginia, Maryland, and New York. Damage to such structures as the National Cathedral and the Washington Monument were noted in Washington, D.C. Evacuations occurred in D.C. as well as New York City because the general population was not accustomed to experiencing an earthquake of that magnitude.

## LOSS ESTIMATES

The somewhat random historical occurrences of earthquakes would indicate that all structures throughout Region VI's counties to be equally at risk from earthquakes.

The severity of those earthquakes, though, is expected to be very low (according to FEMA's 386-2 document). Given this low severity, the per incident loss estimate is calculated at \$24,637,700 *for the entire region.*



**Vulnerability to Earthquake**  
■ Low Hazard

### 2.2.4: Flooding

Flooding is defined as a general temporary condition of partial or complete inundation of normally dry land areas from: overflow of inland or tidal waters; unusual and rapid accumulation of runoff of surface water from any source; mudflows; or the sudden collapse of shoreline land. A flash flood is a rapid flooding of low-lying areas, rivers, and streams that is caused by intense rainfall and is often associated with thunderstorms.

#### RESEARCH SOURCES

- NCDC Event Records
- Interviews with Local Officials

Period of Occurrence:	Potomac River – Primarily January through May (history shows incidents occurring year-round) Flash Flood – At any time depending on recent weather conditions Result of Dam Failure – At any time
Number of Events to Date (1993–2012):	286
Probability of Event:	Frequent
Warning Time:	River Flood – 3 to 5 days Flash Flood – Minutes to hours Dam Failure – None
Potential Impacts:	Impacts to human life, health, and public safety. Utility damage and outages, infrastructure damage (transportation and communication systems), structural damage, fire, damaged or destroyed critical facilities, and hazardous material releases. Can lead to economic losses such as unemployment, decreased land values and agrobusiness losses. Floodwaters are a public safety issue due to contaminants and pollutants.
Cause Injury or Death:	Injury and moderate risk of death
Potential Facility Shutdown:	Days to Weeks

#### HAZARD EFFECTS

Flooding is arguably the highest priority hazard in all six (6) counties throughout the region (as is the case in most of West Virginia). The counties are susceptible to flooding largely due to physical geography, which includes several rivers and creeks as well as varied topography. The worst floods usually occur when a river overflows its

banks. Periodic floods occur naturally on most rivers, forming an area known as a “floodplain”. With enough rainfall, the rivers and creeks will rise up to and over the floodplain, thus causing a flood.

Flash flooding is also a common concern throughout the region. Historical occurrences can indicate where flash flooding will strike, but it is somewhat more unpredictable than riverine flooding. Flash flooding can be a result of an overloaded storm water management system, a washed out creek bed, water rushing off of a hill or mountain, etc. In some cases, flash floods result in great damage because areas that are not in identified floodplains (and are thus not prepared for potential flooding) are affected.

#### DESCRIPTION OF EXISTING FLOOD HAZARD AND IDENTIFICATION OF FLOOD RISK

All of the Region VI counties have an extensive history of flooding. See the following county-specific discussions.

- **Doddridge County:** Communities located along the banks of Middle Island Creek are in particularly low-lying areas. The Town of West Union is an example of such an area.

According to a National Oceanic and Atmospheric Administration (NOAA) Event Record dated May 23, 2003, rains of approximately two (2) inches fell in less than two (2) hours near the community of Nina causing Greenbrier Fork to overflow its banks, resulting in widespread basement flooding. *The Herald Record*, Doddridge County's local newspaper, reports major flooding events in 1985 and 2000. According to the WV State Police, the final death toll in 1985 was 47 and the property damage exceeded \$500 million across West Virginia.

According to a NOAA Event Record dated June 19, 1998, two (2) rounds of early morning thunderstorms caused one (1) to four (4) inches of rain. There were three (3) maximum rain areas, one of which included West Union. Middle Island Creek overflowed its banks resulting in some private property damage in West Union and Big Isaac. The flash flooding prompted county emergency management officials to attempt evacuations in some areas of the county.

- **Harrison County:** The Harrison County Planning Commission indicates that there are entire communities in Harrison County located within the floodplain. A 100-year storm event may affect several critical facilities, including the Wallace Volunteer Fire Department, Bridgeport Fire Department (Station 1), Clarksburg Wastewater Treatment Plant, and access to the Veterans Administration (VA) hospital in Clarksburg.
- **Marion County:** Marion County has a long history of flooding. Thirty-one (31) floods have been reported to the National Climatic Data Center (NCDC) since 2003. Collectively, these floods have caused one (1) death. Flooding has accounted for in excess of \$220,000 in damage over the past decade. Major floods occurred in 2007 and 2008. Smaller but significant floods causing significant damage have occurred earlier in 2007.

Several areas in Marion County have repeated flooding problems. The City of Mannington receives frequent flooding due to its proximity to where Flat Run River and Buffalo Creek intersect. The entire central business district of the town is listed within the 100-year floodplain. The southeastern portions of the corporate limits are not in the flood zone.

- **Monongalia County:** Several areas in Monongalia County have repeated flooding problems. The Pennsylvania Avenue area of Westover experiences flooding on a regular basis, as does the Sabraton area of Morgantown. Several communities along Decker's Creek (including Sabraton) such as Dellslow routinely experience flooding. Other communities in the western portions of the county, such as Osage, Maidsville, Blacksville, and Wadestown could be susceptible to the hazard.
- **Preston County:** There have been 28 flood events recorded in Preston County between 1950-2005. Flooding continues to be a frequent and damaging natural disaster as a result of the Cheat River, Big Sandy Creek, and their many tributaries. Flooding is the second most costly natural hazard in Preston County, and has resulted in approximately \$8.6 million in property damage over the past 55 years.

According to a *NOAA Event Record* dated January 19, 1996, the Cheat River, in the northern mountains of West Virginia and one of the flashiest rivers in the

country, was the first river to reach flood stage in a widespread flood event. The Cheat River began a rapid rise on the night of the 18th due to snow melt, as up to 25 inches of snow was in place before rain fueled the rise, culminating in near record flooding in Rowlesburg as the river crested at 24.2 feet, 8.2 feet above its 16 foot flood stage.

There have been 40 flash floods reported in Preston County between 1950 and 2005. According to a *NOAA Event Record* dated July 29, 2001, heavy thunderstorm rains forced several creeks in Preston County out of their banks at several different locations including, Rowlesburg and Terra Alta. In Etam, Buffalo Creek overflowed its banks producing roadway and basement flooding. In the far southern portion of the county, 13 campers had to be rescued from the Cheat River by a US Army UH60 helicopter. The campers had set up on a small one acre island known as Seven Islands, which is accessible only by a low-water bridge, which was flooded out as the Cheat River started rising quickly.

- **Taylor County:** The *Times West Virginian*, a newspaper serving Taylor County, reports major flooding events in 1985, 1996, and 2000. Additionally, several minor flooding events have occurred between those dates and are listed below. According to records from the *NOAA Event Record* database, the months when the most flooding occurs in Taylor County are June, with four (4) reported floods from 1950 to present, and February with three (3) reported floods. There have been 15 reported flood events in Taylor County since 1994, seven (7) of which were river floods, and eight (8) that were considered flash flood events.

The table below lists the number of flooding events faced in the counties since 1993 as well as the reported damage and any injury/death information.

<b>Historical Flood Events in Region VI</b>				
<i>County</i>	<i>Number of Events</i>	<i>Reported Damage</i>	<i>Injuries</i>	<i>Deaths</i>
Doddridge	21	\$19,290,000	0	2
Harrison	44	\$26,629,000	0	2
Marion	63	\$11,858,000	0	1
Monongalia	61	\$3,146,000	0	0
Preston	77	\$8,745,000	0	0
Taylor	20	\$23,132,000	0	2
<b>TOTALS</b>	<b>286</b>	<b>\$92,800,000</b>	<b>0</b>	<b>7*</b>

\*NOTE: Some of these may be reported in duplicate (i.e., as regional flood events, not necessarily specific to a county).

To better profile the type of impact flooding events could have on the region, Hazus reports were generated for 10-year, 25-year, and 50-year flood events in each of the region's counties. (\*NOTE: The full Hazus reports are included in Appendix 1.)

### 10-Year Flood Event

This type of flood event has a 10% chance of occurring in any single year (*Source: Wikipedia*). The following impacts, listed by county, are anticipated.

- Doddridge
  - An estimated 28 buildings would have moderate damage (representing over 18% of the total number of buildings in the risk area).
  - An estimated one (1) building would be completely destroyed.
  - An estimated 7,724 tons of debris would be generated.
  - As many as 126 households could be displaced, which could result in approximately 70 people needing shelter.
  - The total building-related loss could exceed \$29,940,000. Approximately 1% of this loss would be related to business interruption. Residential losses comprise over 39.14% of the estimate.
  
- Harrison
  - An estimated 479 buildings would have moderate damage (representing over 17% of the total number of buildings in the risk area).
  - An estimated 162 buildings would be completely destroyed.
  - An estimated one (1) fire station and one (1) school would be substantially damaged.
  - An estimated 44,593 tons of debris would be generated.
  - As many as 1,064 households could be displaced, which could result in approximately 1,578 people needing shelter.
  - The total building-related loss could exceed \$169,300,000. Approximately 1% of this loss would be related to business interruption. Residential losses comprise over 68.53% of the estimate.

- Marion
  - An estimated 267 buildings would have moderate damage (representing over 26% of the total number of buildings in the risk area).
  - An estimated 21 buildings would be completely destroyed.
  - An estimated 22,399 tons of debris would be generated.
  - As many as 639 households could be displaced, which could result in approximately 683 people needing shelter.
  - The total building-related loss could exceed \$99,450,000. Approximately 1% of this loss would be related to business interruption. Residential losses comprise over 63.87% of the estimate.
  
- Monongalia
  - An estimated 134 buildings would have moderate damage (representing over 15% of the total number of buildings in the risk area).
  - An estimated 42 buildings would be completely destroyed.
  - An estimated 10,818 tons of debris would be generated.
  - As many as 380 households could be displaced, which could result in approximately 419 people needing shelter.
  - The total building-related loss could exceed \$75,090,000. Approximately 1% of this loss would be related to business interruption. Residential losses comprise over 51.77% of the estimate.
  
- Preston
  - An estimated 22 buildings would have moderate damage (representing over 23% of the total number of buildings in the risk area).
  - An estimated two (2) buildings would be completely destroyed.
  - An estimated 2,939 tons of debris would be generated.
  - As many as 159 households could be displaced, which could result in approximately 59 people needing shelter.
  - The total building-related loss could exceed \$27,300,000. Approximately 1% of this loss would be related to business interruption. Residential losses comprise over 45.18% of the estimate.

- Taylor
  - An estimated 46 buildings would have moderate damage (representing over 23% of the total number of buildings in the risk area).
  - An estimated 9 buildings would be completely destroyed.
  - An estimated one (1) would be moderately damaged.
  - An estimated 4,937 tons of debris would be generated.
  - As many as 168 households could be displaced, which could result in approximately 184 people needing shelter.
  - The total building-related loss could exceed \$20,620,000. Approximately 1% of this loss would be related to business interruption. Residential losses comprise over 69.35% of the estimate.

### 25-Year Flood Event

Twenty-five (25)-year floods have a 4% chance of occurring in any single year. The following impacts, listed by county, are anticipated.

- Doddridge
  - An estimated 31 buildings would have moderate damage (representing over 24% of the total number of buildings in the risk area).
  - An estimated one (1) building would be completely destroyed.
  - An estimated 7,777 tons of debris would be generated.
  - As many as 134 households could be displaced, which could result in approximately 80 people needing shelter.
  - The total building-related loss could exceed \$30,800,000. Approximately 1% of this loss would be related to business interruption. Residential losses comprise over 41.33% of the estimate.
  
- Harrison
  - An estimated 481 buildings would have moderate damage (representing over 14% of the total number of buildings in the risk area).
  - An estimated 163 buildings would be completely destroyed.
  - An estimated one (1) fire station and one (1) school would receive substantial damage.
  - An estimated 45,787 tons of debris would be generated.
  - As many as 1,074 households could be displaced, which could result in

- approximately 1,555 people needing shelter.
- The total building-related loss could exceed \$180,210,000. Approximately 1% of this loss would be related to business interruption. Residential losses comprise over 67.32% of the estimate.
- Marion
    - An estimated 317 buildings would have moderate damage (representing over 23% of the total number of buildings in the risk area).
    - An estimated 36 buildings would be completely destroyed.
    - An estimated 26,472 tons of debris would be generated.
    - As many as 704 households could be displaced, which could result in approximately 773 people needing shelter.
    - The total building-related loss could exceed \$115,430,000. Approximately 1% of this loss would be related to business interruption. Residential losses comprise over 63.56% of the estimate.
  - Monongalia
    - An estimated 146 buildings would have moderate damage (representing over 16% of the total number of buildings in the risk area).
    - An estimated 49 buildings would be completely destroyed.
    - An estimated 13,564 tons of debris would be generated.
    - As many as 415 households could be displaced, which could result in approximately 469 people needing shelter.
    - The total building-related loss could exceed \$99,160,000. Approximately 1% of this loss would be related to business interruption. Residential losses comprise over 43.87% of the estimate.
  - Preston
    - An estimated 32 buildings would have moderate damage (representing over 23% of the total number of buildings in the risk area).
    - An estimated four (4) buildings would be completely destroyed.
    - An estimated 3,928 tons of debris would be generated.
    - As many as 178 households could be displaced, which could result in approximately 92 people needing shelter.

- The total building-related loss could exceed \$32,050,000. Approximately 1% of this loss would be related to business interruption. Residential losses comprise over 47.78% of the estimate.
- Taylor
  - An estimated 72 buildings would have moderate damage (representing over 27% of the total number of buildings in the risk area).
  - An estimated 15 buildings would be completely destroyed.
  - An estimated one (1) school would be moderately damaged.
  - An estimated 6,842 tons of debris would be generated.
  - As many as 225 households could be displaced, which could result in approximately 283 people needing shelter.
  - The total building-related loss could exceed \$27,120,000. Approximately 1% of this loss would be related to business interruption. Residential losses comprise over 71.81% of the estimate.

#### 50-Year Flood Event

These types of events have a 2% chance of occurring in any single year. The following impacts, listed by county, are anticipated.

- Doddridge
  - An estimated 26 buildings would have moderate damage (representing over 14% of the total number of buildings in the risk area).
  - An estimated one (1) building would be completely destroyed.
  - An estimated 7,848 tons of debris would be generated.
  - As many as 133 households could be displaced, which could result in approximately 86 people needing shelter.
  - The total building-related loss could exceed \$31,220,000. Approximately 1% of this loss would be related to business interruption. Residential losses comprise over 41.82% of the estimate.
- Harrison
  - An estimated 640 buildings would have moderate damage (representing over 16% of the total number of buildings in the risk area).
  - An estimated 240 buildings would be completely destroyed.

- An estimated one (1) fire station and one (1) school would receive substantial damage.
- An estimated 54,859 tons of debris would be generated.
- As many as 1,275 households could be displaced, which could result in approximately 2,019 people needing shelter.
- The total building-related loss could exceed \$214,420,000. Approximately 1% of this loss would be related to business interruption. Residential losses comprise over 68.15% of the estimate.
  
- Marion
  - An estimated 336 buildings would have moderate damage (representing over 20% of the total number of buildings in the risk area).
  - An estimated 50 buildings would be completely destroyed.
  - An estimated 30,397 tons of debris would be generated.
  - As many as 755 households could be displaced, which could result in approximately 821 people needing shelter.
  - The total building-related loss could exceed \$135,720,000. Approximately 1% of this loss would be related to business interruption. Residential losses comprise over 61.03% of the estimate.
  
- Monongalia
  - An estimated 164 buildings would have moderate damage (representing over 16% of the total number of buildings in the risk area).
  - An estimated 55 buildings would be completely destroyed.
  - An estimated 14,139 tons of debris would be generated.
  - As many as 445 households could be displaced, which could result in approximately 540 people needing shelter.
  - The total building-related loss could exceed \$104,620,000. Approximately 1% of this loss would be related to business interruption. Residential losses comprise over 45.34% of the estimate.
  
- Preston
  - An estimated 39 buildings would have moderate damage (representing over 25% of the total number of buildings in the risk area).

- An estimated 55 buildings would be completely destroyed.
  - An estimated 4,648 tons of debris would be generated.
  - As many as 199 households could be displaced, which could result in approximately 102 people needing shelter.
  - The total building-related loss could exceed \$35,590,000. Approximately 1% of this loss would be related to business interruption. Residential losses comprise over 50.16% of the estimate.
- Taylor
    - An estimated 84 buildings would have moderate damage (representing over 25% of the total number of buildings in the risk area).
    - An estimated 19 buildings would be completely destroyed.
    - An estimated one (1) school would be moderately damaged.
    - An estimated 7,719 tons of debris would be generated.
    - As many as 253 households could be displaced, which could result in approximately 342 people needing shelter.
    - The total building-related loss could exceed \$30,690,000. Approximately 1% of this loss would be related to business interruption. Residential losses comprise over 72.63% of the estimate.

Hazus reports were also compiled for the 100-year flood event, which is a flood event with a 1% chance of being equaled or exceeded in any single year (*Source: Wikipedia*). If an event, though, were to be classified as a 100-year flood in any county, it is likely that the event itself would be regional and affect, at least minimally, other nearby counties. The following estimates apply to a 100-year flood.

- Doddridge
  - An estimated 57 buildings would have moderate damage (representing over 30% of the total number of buildings in the risk area).
  - An estimated seven (7) buildings would be completely destroyed.
  - An estimated 10,424 tons of debris would be generated.
  - As many as 140 households could be displaced, which could result in approximately 128 people needing shelter.
  - The total building-related loss could exceed \$36,970,000. Approximately 1% of this loss would be related to business interruption. Residential

losses comprise over 41.31% of the estimate.

- Harrison
  - An estimated 615 buildings would have moderate damage (representing over 14% of the total number of buildings in the risk area).
  - An estimated 231 buildings would be completely destroyed.
  - An estimated one (1) fire station and one (1) school would be substantially damaged.
  - An estimated 54,026 tons of debris would be generated.
  - As many as 1,252 households could be displaced, which could result in approximately 2,009 people needing shelter.
  - The total building-related loss could exceed \$215,200,000. Approximately 1% of this loss would be related to business interruption. Residential losses comprise over 67% of the estimate.
  
- Marion
  - An estimated 372 buildings would have moderate damage (representing over 19% of the total number of buildings in the risk area).
  - An estimated 72 buildings would be completely destroyed.
  - An estimated 33,777 tons of debris would be generated.
  - As many as 785 households could be displaced, which could result in approximately 901 people needing shelter.
  - The total building-related loss could exceed \$146,900,000. Approximately 1% of this loss would be related to business interruption. Residential losses comprise over 61.14% of the estimate.
  
- Monongalia
  - An estimated 185 buildings would have moderate damage (representing over 15% of the total number of buildings in the risk area).
  - An estimated 69 buildings would be completely destroyed.
  - An estimated 17,548 tons of debris would be generated.
  - As many as 454 households could be displaced, which could result in approximately 545 people needing shelter.
  - The total building-related loss could exceed \$107,870,000. Approximately

1% of this loss would be related to business interruption. Residential losses comprise over 46.43% of the estimate.

- Preston
  - An estimated 46 buildings would have moderate damage (representing over 20% of the total number of buildings in the risk area).
  - An estimated seven (7) buildings would be completely destroyed.
  - An estimated 5,635 tons of debris would be generated.
  - As many as 220 households could be displaced, which could result in approximately 144 people needing shelter.
  - The total building-related loss could exceed \$39,460,000. Approximately 1% of this loss would be related to business interruption. Residential losses comprise over 51.13% of the estimate.
  
- Taylor
  - An estimated 127 buildings would have moderate damage (representing over 25% of the total number of buildings in the risk area).
  - An estimated 31 buildings would be completely destroyed.
  - An estimated one (1) school would receive moderate damage.
  - An estimated 9,893 tons of debris would be generated.
  - As many as 299 households could be displaced, which could result in approximately 421 people needing shelter.
  - The total building-related loss could exceed \$37,740,000. Approximately 1% of this loss would be related to business interruption. Residential losses comprise over 75.19% of the estimate.

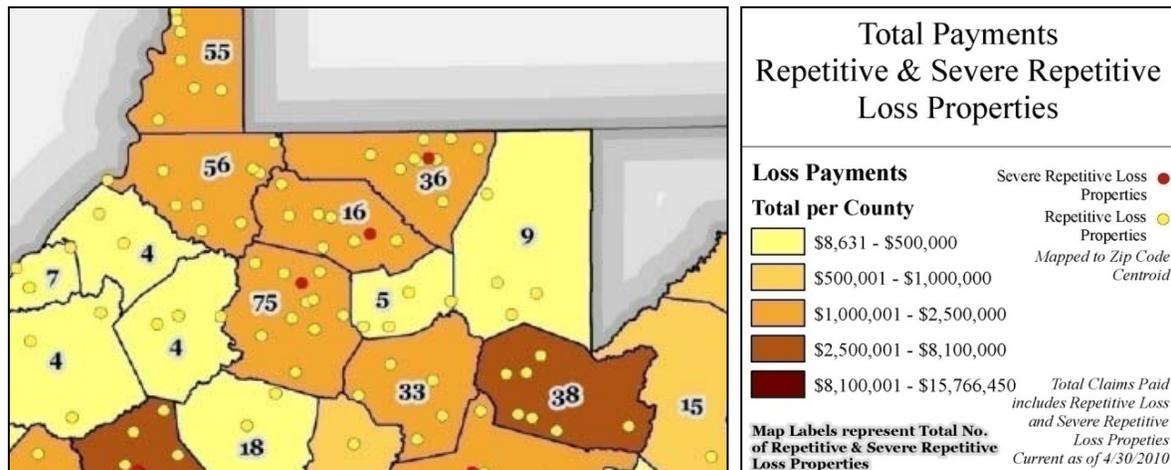
## REPETITIVE LOSS PROPERTIES

Several communities see repeated flooding problems. Some even contain a number of properties that have been flooded and repaired multiple times. These properties are referred to as “Repetitive Loss” (RL) properties. Actual RL listings are protected by privacy laws because of the presence of names, addresses, losses, etc. These properties, though, can be depicted in this document by type (i.e., single family, 2-4 family, etc.). To better illustrate areas with repeated flooding problems, the *general* areas where these properties are located is also listed.

- **Blacksville:** 1 single family property
- **Clarksburg:** 41 total properties
  - Single Family – 26 properties
  - 2-4 Family – 2 properties
  - Other Residential – 3 properties
  - Assmd. Condo – 1 property
  - Non-Resident – 9 properties
- **Doddridge County:** 2 total properties (1 each: single family, assmd. condo)
- **Fairmont:** 4 total properties (2 each: single family, non-resident)
- **Farmington:** 1 single family property
- **Grafton:** 1 single family property
- **Granville:** 2 single family properties
- **Harrison County:** 16 total properties
  - Single Family – 12 properties
  - 2-4 Family – 1 property
  - Other Residential – 1 property
  - Assmd. Condo – 1 property
  - Non-Resident – 1 property
- **Lost Creek:** 7 total properties (6 single family, 1 assmd. condo)
- **Lumberport:** 4 total properties (3 single family, 1 non-resident)
- **Mannington:** 1 single family property
- **Marion County:** 9 total properties (8 single family, 1 assmd. condo)
- **Monongalia County:** 13 single family properties
- **Morgantown:** 18 total properties
  - Single Family – 11 properties
  - 2-4 Family – 2 properties
  - Other Residential – 2 properties
  - Assmd. Condo – 1 property
  - Non-Resident – 2 properties
- **Preston County:** 4 total properties (3 single family, 1 non-resident)

- **Rowlesburg:** 5 total properties (4 single family, 1 non-resident)
- **Salem:** 2 total properties (1 each: single family, non-resident)
- **Shinnston:** 5 total properties (3 single family, 2 non-resident)
- **Stonewood:** 1 single family property
- **Taylor County:** 3 single family properties
- **West Union:** 2 total properties (1 each: single family, non-resident)
- **Westover:** 2 single family properties
- **Worthington:** 2 single family properties

The following image, taken from the *West Virginia State Standard Hazard Mitigation Plan* depicts the total payments, per county, to or on Severe Repetitive Loss and Repetitive Loss properties.



#### NFIP COMPLIANCE

The following local governments in Region VI are participants in the National Flood Insurance Program (NFIP). (The date the jurisdiction joined the NFIP is included in parentheses.)

- Town of Albright (August, 1987)
- Town of Anmoore (September, 1980)
- Town of Barrackville (March, 1988)
- Town of Blacksville (January, 2010)
- City of Bridgeport (March, 1988)
- Town of Bruceton Mills (August, 1988)
- Town of Monongah (March, 1988)
- Monongalia County (May, 1984)
- City of Morgantown (August, 1979)
- Town of Newburg (August, 1987)
- Town of Nutter Fort (September, 1980)
- City of Pleasant Valley (July, 1988)

- 1987)
- City of Clarksburg (February, 1978)
- Doddridge County (March, 1991)
- City of Fairmont (July, 1987)
- Town of Fairview (March, 1988)
- Town of Farmington (March, 1988)
- Town of Flemington (September, 2009)
- City of Grafton (August, 1987)
- Town of Grant Town (March, 1988)
- Town of Granville (December, 1983)
- Harrison County (July, 1988)
- City of Kingwood (November, 1986)
- Town of Lost Creek (March, 1988)
- Town of Lumberport (March, 1988)
- City of Mannington (June, 1976)
- Marion County (July, 1988)
- Preston County (March, 1987)
- Town of Reedsville (August, 1987)
- Town of Rivesville (March, 1988)
- Town of Rowlesburg (August, 1979)
- City of Salem (December, 1985)
- City of Shinnston (March, 1988)
- Town of Star City (August, 1978)
- City of Stonewood (September, 1979)
- Taylor County (July, 1987)
- Town of Terra Alta (August, 1987)
- Town of Tunnelton (November, 2011)
- Town of West Milford (April, 1988)
- Town of West Union (March, 1991)
- City of Westover (August, 1978)
- Town of Worthington (March, 1988)

Each jurisdiction has designated an “NFIP Coordinator”, sometimes referred to as the “Floodplain Manager”. This individual maintains the jurisdiction’s floodplain ordinance and ensures that development is compliant with that ordinance (and, consequently, the NFIP). The operations of the floodplain offices in Region VI are similar from jurisdiction to jurisdiction (*Sources*: Interviews with floodplain managers, existing mitigation plans).

Generally, all provide three (3) basic services: floodplain identification, floodplain management, and outreach.

### Floodplain Identification

Throughout the region, the floodplain managers are the primary local contact for floodplain mapping. In many cases, they are responsible for using these maps to determine whether structures or proposed structures/developments are either in or out of the floodplain. Floodplain managers can provide information as to the “zone” (e.g., A,

AE, etc.) a proposed development is located. Zone designations can affect insurance policies and rates.

Floodplain managers work with surveyors and engineers to assist the public with elevation certificates. This assistance includes putting those in need in contact with appropriate surveyors, providing access to certain forms (e.g., letter of map amendment, etc.), etc. Floodplain managers may also serve as a liaison with the FEMA by collecting and submitting completed certificates.

Finally, on an as-needed basis, floodplain managers review updates to the flood maps themselves. This type of service is done to varying degrees throughout the region. As a follow up to map review, floodplain managers work with their governing body to update the floodplain ordinance appropriately. In some jurisdictions, such maintenance is a joint approach.

It is significant to note that all counties in Region VI have adopted the most recent versions of the Flood Insurance Rate Map (FIRM) mapping for their jurisdictions.

### Floodplain Management

In many ways, “floodplain management” is difficult to define. All floodplain managers work closely with their governing bodies to ensure that the floodplain ordinance is current and viable. Floodplain managers are responsible for enforcing the floodplain ordinance (usually through the floodplain identification tasks discussed above). Floodplain managers also keep records of all maps and certificates for their jurisdictions.

The coordinators for the six (6) counties in the region also often provide support to municipal floodplain coordinators. County and other municipal floodplain coordinators often support these municipalities with advice, technical assistance, quality control (i.e., a “second opinion”), etc. Further, many of the municipal jurisdictions throughout the region are small with part-time or volunteer government staff. County coordinators can support these efforts as well. Municipalities themselves, though, are responsible for providing the “ultimate say” for cases within their jurisdiction.

Municipal floodplain management is also closely related to the building permitting process. Many municipal coordinators indicated that determining whether a proposed project was in the floodplain was a part of their approval process.

Outreach

Finally, the floodplain coordinators serve as the Points of Contact (POCs) for their jurisdiction's residents regarding floodplain regulations. All coordinators indicated that they maintain the appropriate forms, contact lists for local surveyors and engineers, the most recent version of FIRM or D-FIRM information, etc. Educating the community about the value of flood insurance also falls under this category.

VULNERABLE STRUCTURES

Vulnerable Structures – Flooding								
County	Residential	Commercial	Industrial	Agricultural	Religious	Government	Education	Utilities
Doddridge	1184	22	0	147	15	0	0	0
Harrison	4400	233	18	108	17	0	1	0
Marion	3250	157	38	13	17	6	1	2
Monongalia	4167	102	1	27	14	0	1	2
Preston	3019	102	13	210	24	0	0	0
Taylor	1885	57	0	118	13	0	1	0
<b>TOTALS</b>	<b>17905</b>	<b>673</b>	<b>70</b>	<b>623</b>	<b>100</b>	<b>6</b>	<b>4</b>	<b>4</b>

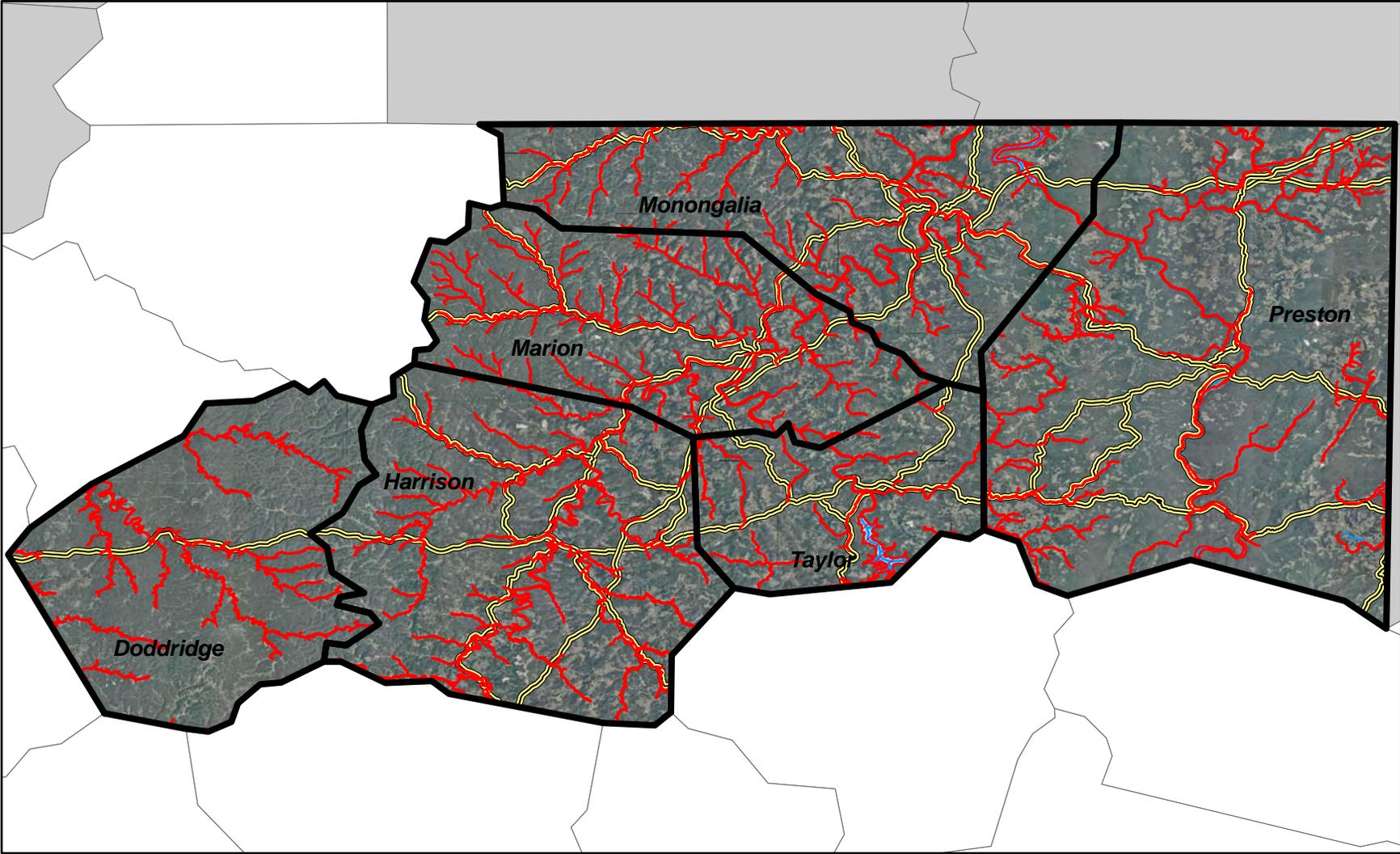
\*NOTE: An estimated number of vulnerable structures was loosely derived using the 100-year floodplain.

**LOSS ESTIMATES:** Loosely based on a 100-year flood, the counties in Region VI could experience the following aggregate losses.

- **Doddridge:** \$7,114,180
- **Harrison:** \$189,296,490
- **Marion:** \$97,068,536
- **Monongalia:** \$224,707,403
- **Preston:** \$43,209,000
- **Taylor:** \$128,530,500

\*NOTE: Detailed flood mapping for each county is maintained by each jurisdiction in Region VI. Identification of floodplain areas on those maps is based on FIRM data (D-FIRM, if available) produced by the National Flood Insurance Program NFIP. Additional resources, such as the West Virginia Flood Hazard Determination Tool

<http://www.mapwv.gov/flood/>) can also be used. See the regional flood map that is appended to this document for a general, graphic depiction of flood risk in Region VI.



**Vulnerability to Flooding**  
▨ 100 Year Flood Plain

2.2.5: Hailstorm

Hail is a form of precipitation which occurs when freezing water in thunderstorm type clouds accumulates in layers around an icy core. When this event takes place, balls or irregular lumps of ice are created. On average, hail can be from 5mm to 50mm in diameter.

RESEARCH SOURCES

- NCDC Event Records

Period of Occurrence:	At any time
Number of Events to Date (1963 – 2012):	210
Probability of Event:	Likely – Usually associated with severe thunderstorms
Warning Time:	Minutes to hours
Potential Impacts:	Large hail can minimally damage property (facilities) as well as crops
Cause Injury or Death:	Injury
Potential Facility Shutdown:	Minimal

HAZARD EFFECTS

When hail occurs, it can cause damage by battering crops, structures, automobiles, and transportation systems. When hailstorms are large, especially when combined with high winds, damage can be somewhat extensive. Hailstorms are more common in elevated areas, such as the mountains, than tropical areas since locations such as mountains are closer to the bottom of thunderstorms. In mountainous areas, the falling hail has less time to melt before touching the ground. The eastern-most counties in Region VI are slightly more susceptible to damaging hailstorms due to their mountainous topography.

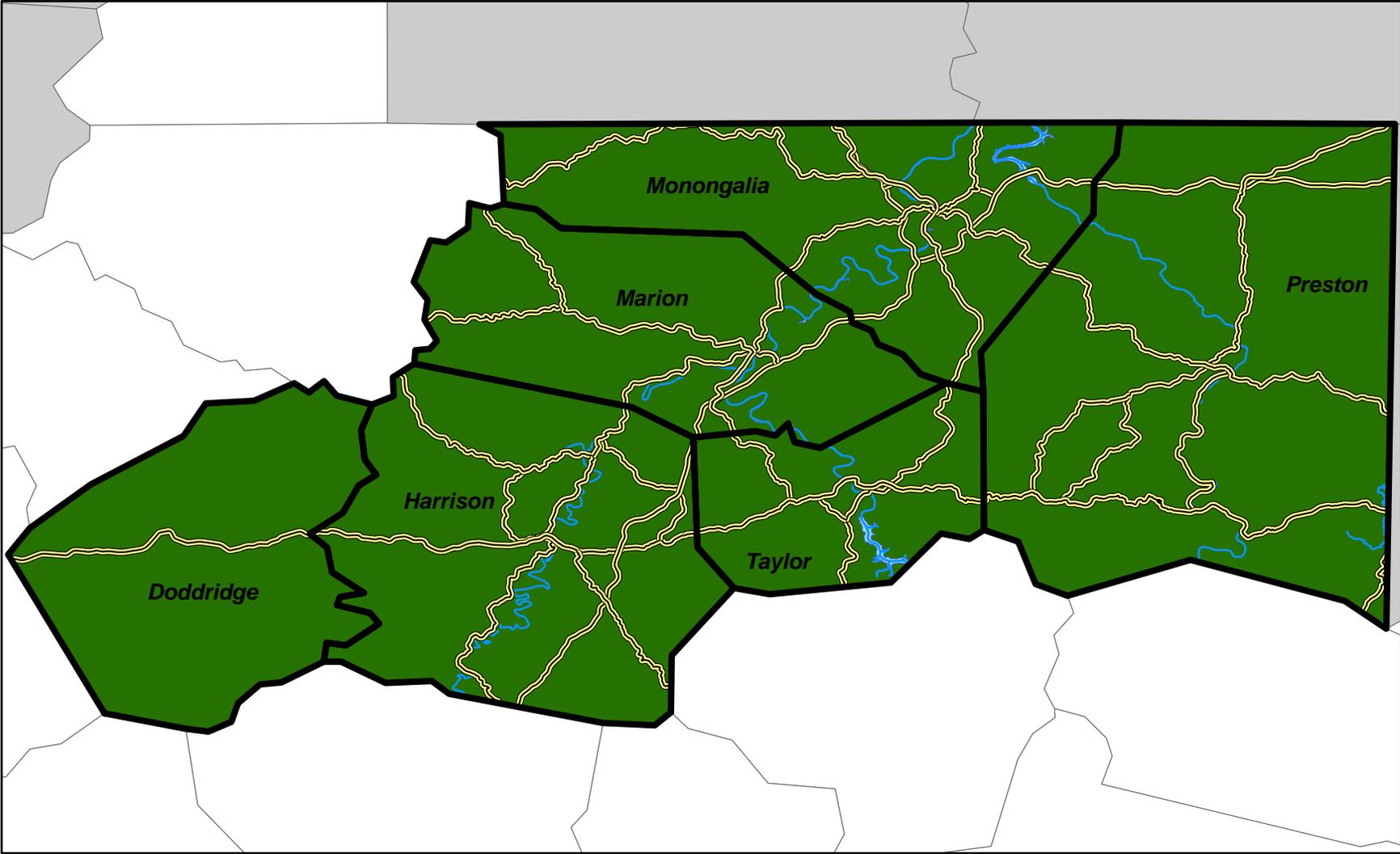
Hail is a relatively minor natural hazard in all parts of the region. It has been included in this plan by virtue of frequency. Even with these frequent occurrences, losses are small, especially to critical facilities and other infrastructure. Much like minor thunderstorms, hailstorms rarely slow down the daily lives of the residents in the region. If their vehicles or homes are damaged, they usually claim those damages on their insurance policies or repair the damage themselves.

Historical occurrences include the following. As indicated by a *NOAA Event Record*, dated June 16, 1998, golf ball size hail fell along State Route 18 between Leopold and Market. According to a *NOAA Event Record* dated April 9, 2001, a strong cold front passing across the area produced the first severe weather outbreak of the

spring season, as numerous hail reports were received from across northern West Virginia, with reports of golf ball size hail approximately seven (7) miles west of Kingwood.

#### LOSS ESTIMATES

As a minor hazard, potential losses as a result of hail are small, even though all structures in the region can be said to be at risk of hail damage. The average losses per worst-case scenario hail event could total \$6,399,301. If all counties were damaged to the “worst-case scenario” level, losses could be as much as \$38,395,806. \*NOTE: Loss estimates are listed at these levels because of the confusion usually results in damage from hailstorms (as directly from hail or as part of the thunderstorm producing hail).



**Vulnerability to Hail Storm**  
■ Low Hazard

2.2.6: Land Subsidence

Land subsidence refers to any failures in the ground that cause collapses in the earth's surface.

RESEARCH SOURCES

- Interviews with Local Officials
- USGS Landslide Overview Map
- Internet Research (<http://www.nationalatlas.gov>)

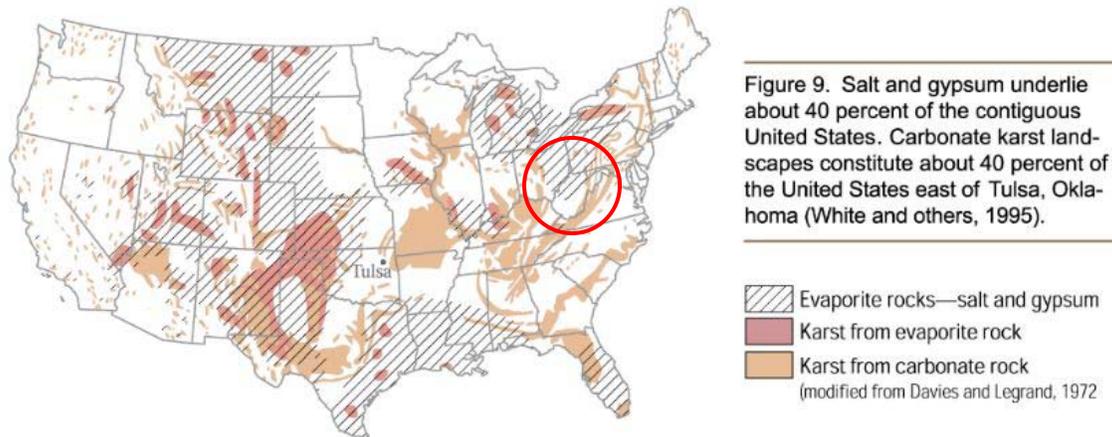
Period of Occurrence:	At any time – Chance of occurrence increases following long periods of heavy rain, snowmelt, or near construction activity
Number of Events to Date (2000 – 2012):	1
Probability of Event:	Infrequent
Warning Time:	Weeks to months – Some instances of land subsidence can occur quickly without warning, but often in the context of other storm events.
Potential Impacts:	Economic losses such as decreased land values, agrobusiness losses, disruption of utility and transportation systems, and costs for any litigation. May cause geological movement, causing infrastructure damages ranging from minimal to severe.
Cause Injury or Death:	Injury
Potential Facility Shutdown:	Days to weeks

HAZARD EFFECTS

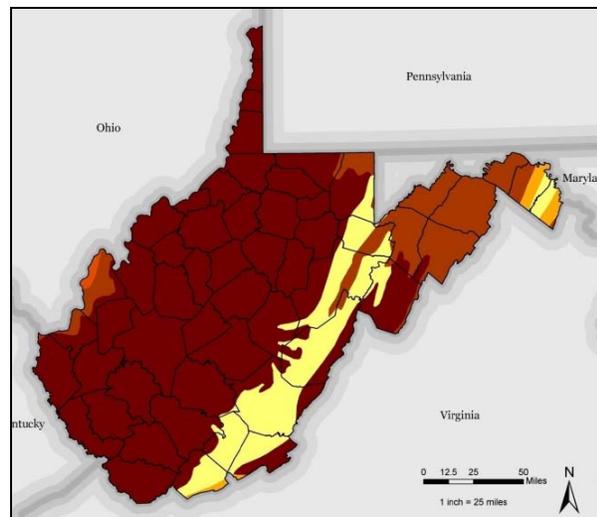
Land subsidence hazards include: landslides (a wide range of earth movement such as rock falls), debris flow (e.g., mudslides and avalanches), and expansive soils (which is the swelling and sinking of soil). Each of these hazards involves ground movement in or on the earth's surface. These hazards can be caused by natural processes such as the dissolving of limestone underground, earthquakes, or volcanic activity. Land subsidence hazards can also occur as a result of human actions such as the withdrawal of subsurface fluids or underground mining; unplanned commercial, residential or industrial developments; roadway construction; etc.

## HAZARD PROFILE

Most of Region VI's counties lie on a geological formation containing evaporate rocks such as salt and gypsum. (The map below demonstrates the presence of "evaporite rocks" in West Virginia and roughly throughout the Region VI area.) All six (6)



counties in the region are listed as being "highly susceptible" to landslides and land subsidence. The *West Virginia State Standard All-Hazard Mitigation Plan* supports these determinations. With the exception of northern Preston County (and a small tip of north-eastern Monongalia County), the entire region has more than 15% of its area involved in land sliding (see image at right – the darkest red areas represent areas with this 15% figure).

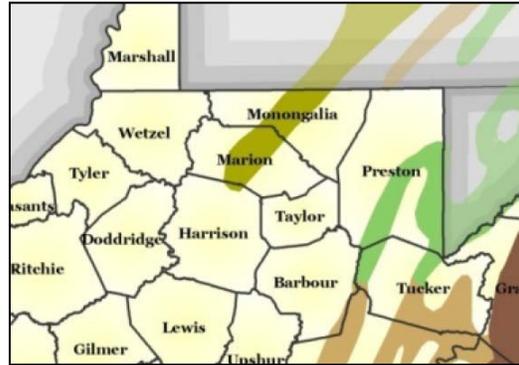


Of state agencies owning structures, two (2) of the top ten (10) largest building risks with regard to landslides are located in the Region VI area: West Virginia University and Fairmont State University. According to the state mitigation plan, Fairmont State University has a total of 34 buildings at risk with a potential loss of \$270,263,060 and West Virginia University has a total of 393 buildings at risk with a potential loss of \$1,142,209,311.

Various portions of the region also contain karst formations. These eastern-most portions contain a number of underground caves that could collapse, causing

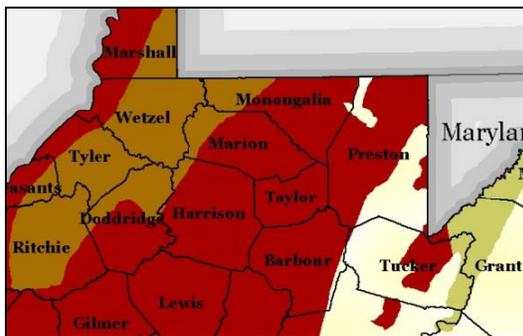
subsidence on top of the ground. Some portions of the region have been undermined, which could also result in subsidence. As a result, the entire region appears susceptible to subsidence, but it should be noted that the type of subsidence could vary. According to nationalatlas.gov, sink holes and other subsidence are not predicted to be extensive in the areas of West Virginia containing these formations.

The *West Virginia State Standard All-Hazard Mitigation Plan* discusses karst formations throughout West Virginia. According to that document, Region VI contains areas of “short karst”. The image at right depicts these areas. The light green sections in Preston County depict short karst in gently-dipping to flat-lying beds of carbonate rock. The greenish-brown seam through central Marion and Monongalia Counties (and northern Harrison County) represent short karst areas in gently-dipping to flat-lying beds of carbonate rock *beneath overburden of non-carbonate material*.



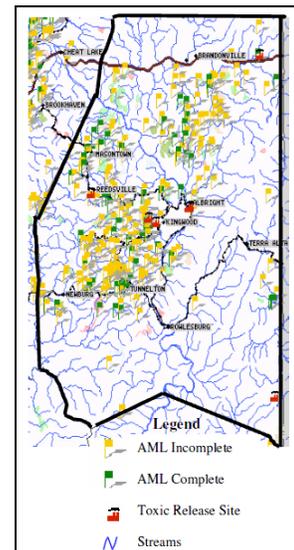
Other areas throughout West Virginia see subsidence as it relates to mining operations. In Region VI, all counties contain areas typically considered parts of the

state’s coal fields. The overwhelming majority of the region contains areas with medium and high-volatile bituminous coal that is potentially minable. The western edges of the region contain medium and



high-volatile bituminous coal that could be used for

other uses. The potentially-minable coal is depicted on the image at left in red. In some instances, other county-specific data is available. For example, there are a number of underground mines in Preston County; nearly every municipality is undermined. The graphic at right shows the Abandoned Mine Lands (AML) sites for recent WVDEP AML projects.



Fortunately, most counties in the region have not reported significant numbers of historical land subsidence

occurrences. Most slippage is a result of other hazards, such as heavy rains. Other instances of landslides result from construction activities.

## VULNERABLE STRUCTURES

Vulnerable Structures – Land Subsidence								
County	Residential	Commercial	Industrial	Agricultural	Religious	Government	Education	Utilities
Doddridge	100	10	0	15	2	1	0	6
Harrison	100	200	12	70	12	0	0	33
Marion	13270	185	56	14	62	1	1	21
Monongalia	10608	246	3	194	6	1	3	41
Preston	2500	150	20	220	20	0	0	30
Taylor	100	20	0	10	5	0	0	9
<b>TOTALS</b>	<b>26678</b>	<b>811</b>	<b>97</b>	<b>523</b>	<b>107</b>	<b>3</b>	<b>4</b>	<b>140</b>

## LOSS ESTIMATES

Land subsidence can be a gradually-occurring hazard or it can occur rapidly. In either case, repairing damages as a result of subsidence can be costly. Structural foundations can be damaged; transportation and other infrastructure can be damaged; etc. Consequently, subsidence-based loss estimates are somewhat high. The WCS average on a per county basis is \$45,208,715. \*NOTE: A region-wide estimate was not compiled since land subsidence is often considered a site-specific hazard.



### 2.2.7: Thunderstorm

A thunderstorm is considered severe when that storm produces a tornado, winds of at least 58 mph (50 knots), and/or hail at least ¾" in diameter. Structural wind damage may imply the occurrence of a severe thunderstorm. A thunderstorm wind equal to or greater than 40 mph (35 knots) and/or hail of at least ½" is defined as "approaching severe".

#### RESEARCH SOURCES

- NCDC Event Records

Period of Occurrence:	Spring, summer, and fall
Number of Events to Date (1955 – 2012):	485
Probability of Event:	Frequent
Warning Time:	Minutes to hours
Potential Impacts:	Utility damage and outages, infrastructure damage (transportation and communication systems). Impacts human life, health, and public safety.
Cause Injury or Death:	Injury
Potential Facility Shutdown:	Days

#### HAZARD EFFECTS

The wind gusts associated with thunderstorms pose a threat to life and/or property. Severe thunderstorms also have the potential of producing a tornado with little or no advanced tornado warning. These storms may contain frequent cloud-to-ground lightning and heavy downpours which can lead to localized flooding. Generally, a weak thunderstorm which produces a wind gust of the required strength would be defined as "severe" whereas a very violent thunderstorm with continuous lightning and very heavy rain (but without the required wind gusts, hail, or tornado/funnel cloud) would not. For the purposes of this plan, though, these violent thunderstorms are also considered severe because they are more frequent and cause a significant amount of damage annually throughout the county.

#### HAZARD PROFILE

Thunderstorms are the most frequently-occurring hazards throughout the region. The following table illustrates the number of thunderstorm events in each of the region's counties as well as the damage caused by those storms (*Source: NCDC Event Records*).

<b>Thunderstorms Throughout Region VI</b>		
<i>County</i>	<i>Number of Storms</i>	<i>Reported Damage</i>
Doddridge	37	\$639,000
Harrison	108	\$448,000
Marion	77	\$753,000
Monongalia	102	\$1,697,000
Preston	108	\$652,000
Taylor	53	\$192,000
<b>TOTALS</b>	<b>485</b>	<b>\$4,381,000</b>

Eleven (11) injuries and three (3) deaths directly related to these storms have been reported. NCDC records reflect the most severe of thunderstorms. Storms, however, are common throughout the spring and summer months (although a thunderstorm can occur in any season) that cause downed trees and power lines. Residents and businesses are likely to incur more damage as a result of these “smaller” storms as individual houses and vehicles are damaged by fallen limbs and businesses are forced to close due to a lack of electricity.

According to an April 15, 1994, *NOAA Event Record* a squall line moved at 40 mph across the western lowlands of West Virginia and the worst damage occurred in the Crystal Lake region of Doddridge County, approximately four (4) miles from West Union. The downburst was about a half mile long and a quarter mile wide. A post storm survey indicated a sudden peak wind gust of near 100 mph occurred at Crystal Lake.

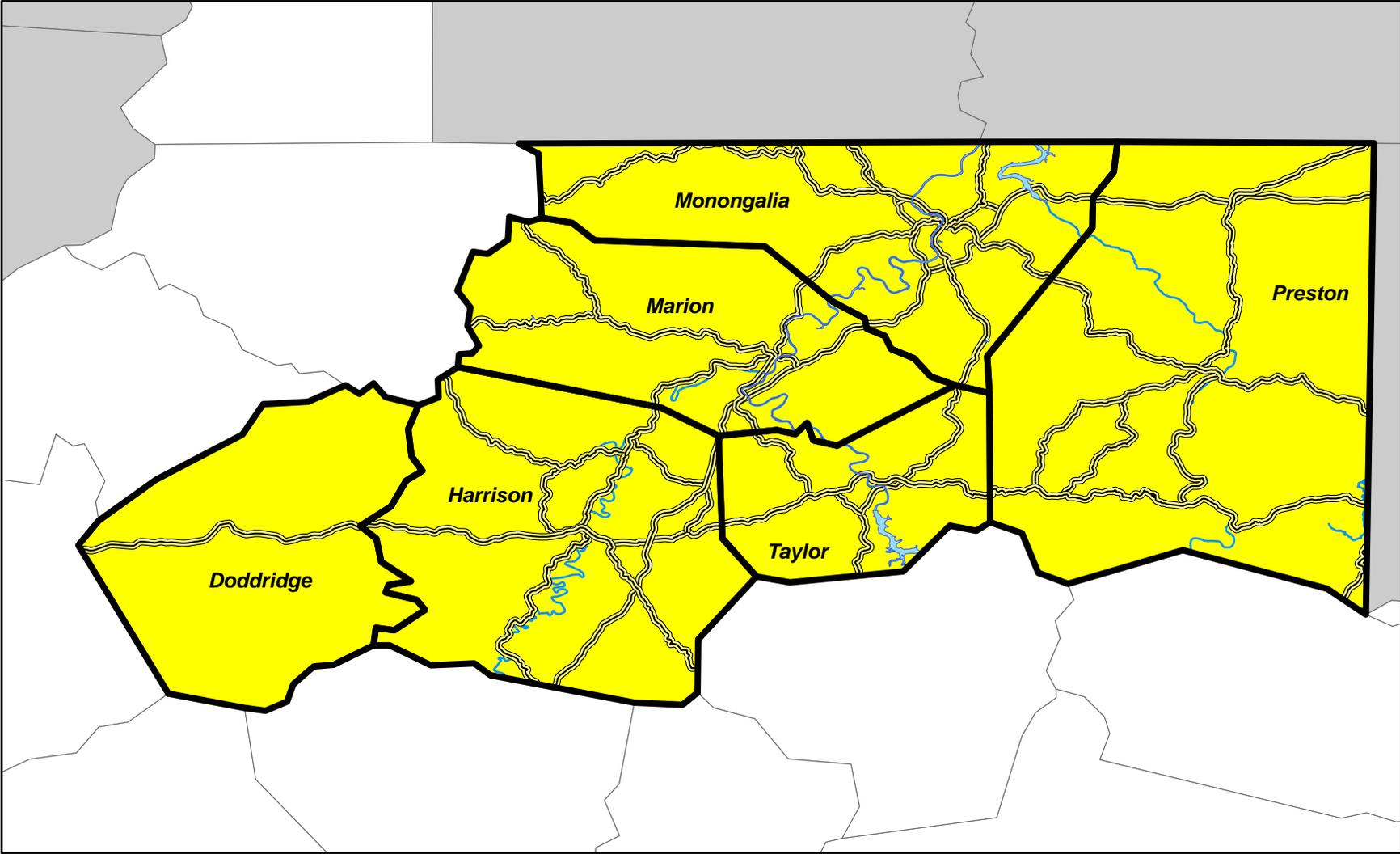
A *NOAA Event Record* dated August 15, 1996, indicated that lightning struck electronic equipment at a radio transmitter tower on top of Cooper’s Rocks, resulting in \$21,000 of damage. There have been four (4) other occurrences of lightning striking houses in Preston County all of which burnt to the ground.

According to a *NOAA Event Record* dated May 21, 2004, several “microbursts” occurred in Preston County, resulting in the closure of several roads as numerous large trees were blown down. In Masontown the swath of the microburst was approximately 2.5 miles in length and fluctuated from 20 to 200 yards in width. In Reedsville, the microburst produced scattered damage as many trees were toppled onto houses, one mobile home was overturned causing minor injuries to two (2) people, and maximum wind speed was estimated at 70 mph.

## LOSS ESTIMATES

Thunderstorm is another hazard that can be said to affect the entire region equally (i.e., all structures in the region are at risk). As part of the loss estimates completed by all of the region's counties, the average county-level WCS event could total \$16,157,831 in losses. A region-wide WCS event could total as much as \$96,946,986.

In many ways, the cascading effects of thunderstorms are more damaging than the storm itself. For example, as mentioned above, lightning strikes may cause power surges that result in damage. Thunderstorm winds may down trees that fall onto personal property. Tracking these types of damages is difficult as many people may not turn such claims into their insurance.



**Vulnerability to Thunderstorm**  
Moderate Hazard

### 2.2.8: Wildfire

A wildfire is an uncontrolled fire spreading through vegetative fuels, exposing and possibly consuming structures.

#### RESEARCH SOURCES

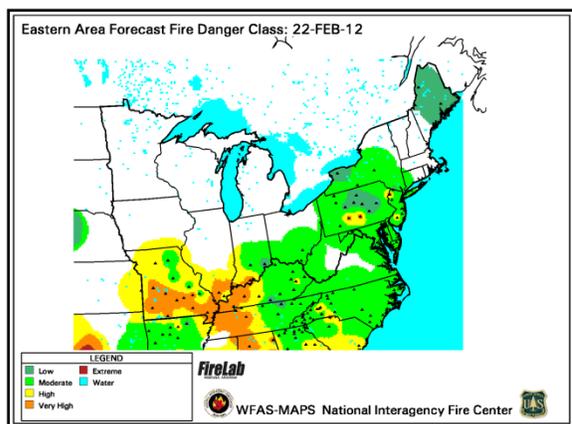
- NCDC Event Records

Period of Occurrence:	At any time – Primarily summer
Number of Events to Date (2000 – 2012):	1
Probability of Event:	Infrequent
Warning Time:	Minimal
Potential Impacts:	Impacts human life, health, and public safety. Loss of wildlife habitat, increased soil erosion, and degraded water quality. Utility damage and outages, infrastructure damage (transportation and communication systems), and damaged or destroyed critical facilities.
Cause Injury or Death:	Injury and risk death
Potential Facility Shutdown:	Days to weeks or more

#### HAZARD EFFECTS

Wildfires often begin unnoticed and spread quickly. They are usually signaled by

dense smoke that fills the area for miles around. Grasses, bushes, trees, and other vegetation supply fuel for the wildfire. The size of a wild fire is contingent on the amount of fuel available, weather conditions, and wind speed and direction. In a map from Wildland Fire Assessment System (WFAS)-Maps, Fire Behavior Research (see left), the majority of West Virginia



was labeled as being at moderate risk for wildfires.

#### HAZARD PROFILE

One should not assume that vegetation fires do not occur frequently. Representatives from local fire departments throughout the region confirm that brush fires, ranging in size from a single acre to hundreds of acres occur each year. Many of these fires are extinguished before becoming a major problem. Additionally, most of these events occur in rural areas rather than in areas of urban-wildland interface. The frequency of these vegetation fires is the reason that one (1) “wildfire” was listed for purposes of calculating probability.

Regulatory agencies have also noted the potential for large-scale wildfires in portions of the region. The following paragraphs are taken from correspondence from the West Virginia Division of Forestry from 2002. “Monongalia County consists of approximately 200,000 acres of forestland, open, or undeveloped land. The majority of this undeveloped land is in the sparsely populated western part of the county, where there are small to medium size farms and large sections of land owned by various natural resource companies. As you move eastward, the central part of the county still has small to medium size farms, but there is an increase in residential housing. The potential for a large wildfire is possible in the central and western parts of the county, but very few structures would be threatened due to larger green space around homes.

Finally, looking at the eastern part of the county and more specifically at the area along and east of the Interstate 79 corridor, there is considerable more development and the majority of the county’s population. Although this area is more developed than the rest of the county, there are still large expanses of forestland. These undeveloped tracts of land range from state-controlled areas such as Coopers Rock State Forest, Snake Hill Wildlife Management Area, and West Virginia University’s Research Forest to provide land in the Kingwood Pike area, the “Bid Survey” and the Halleck Road area. Development is growing to the south and east of Morgantown and may soon begin to move west, once the Star City Bridge replacement is completed. Around these large undeveloped areas there is an increasing trend of building houses with minimal removal of trees. The potential exists for a very large wildfire in this part of the county with the risk of threatening many structures of considerable value.”

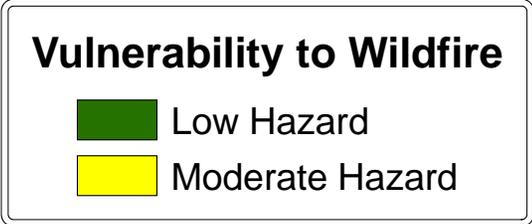
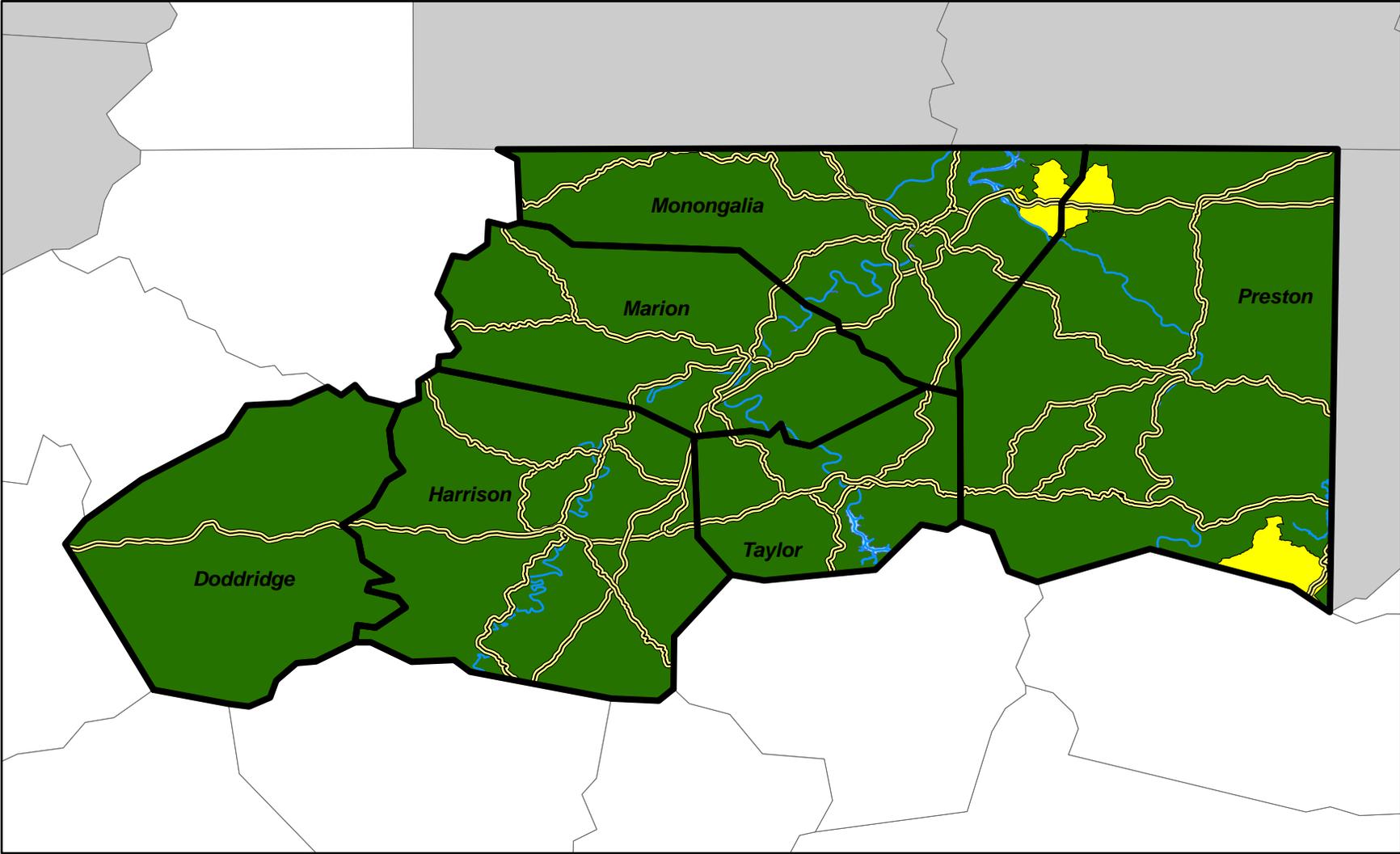
Several of the trends acknowledged by this correspondence, most notably the expansion of development to the western portions of Monongalia County toward Preston County, have proven to be true, thus increasing the wildfire risk. (\*NOTE: Development to the west includes the Mylan Park area and the University Town Centre shopping area.)

VULNERABLE STRUCTURES

Vulnerable Structures – Wildfire								
County	Residential	Commercial	Industrial	Agricultural	Religious	Government	Education	Utilities
Doddridge	3494	20	0	490	40	0	0	3
Harrison	14911	250	10	774	57	0	7	16
Marion	4062	92	34	107	52	8	6	11
Monongalia	25672	676	80	396	60	3	16	3
Preston	10750	100	20	1048	95	0	3	15
Taylor	4890	50	0	471	32	0	1	5
<b>TOTALS</b>	<b>63779</b>	<b>1188</b>	<b>144</b>	<b>3286</b>	<b>336</b>	<b>11</b>	<b>33</b>	<b>53</b>

LOSS ESTIMATES

Individual county loss estimates were calculated on the assumption that a wildfire could occur in an area of urban-wildland interface; consequently, the estimates could be considered high when compared to historical occurrences. This document, however, estimates losses based on WCS events. The estimated WCS event for a single-county incident is \$3,970,077,164, while the WCS estimate for a region-wide incident would be \$23,820,462,988.



2.2.9: Wind

Wind storms are destructive wind events that occur with or without the presence of other storm events, such as tornados or severe thunderstorms.

A tornado is a violently rotating column of air extending from a thunderstorm to the ground.

RESEARCH SOURCES

- NCDC Event Records

Period of Occurrence:	At any time – Primarily during March through August
Number of Events to Date (1954 – 2012):	83 (26 of which were tornados)
Probability of Event:	Infrequent
Warning Time:	Minutes to hours
Potential Impacts:	Utility damage and outages, infrastructure damage (transportation and communication systems), structural damage, and damaged or destroyed critical facilities. Impacts human life, health, and public safety.
Cause Injury or Death:	Injury and risk of multiple deaths
Potential Facility Shutdown:	Days to weeks or more

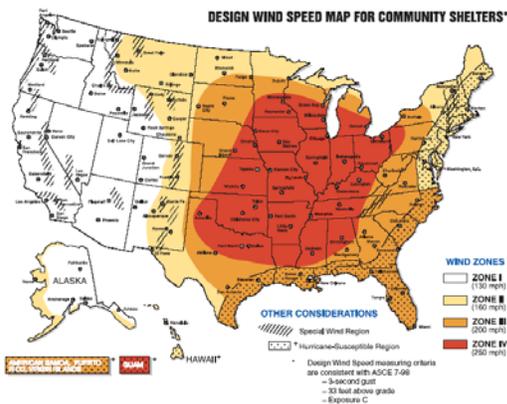
HAZARD EFFECTS – WIND

A wind storm is a severe weather condition indicated by high winds and with little or no rain. Localized geographical conditions can exacerbate the damages from high winds and cause increases in wind intensity. Since 1954, counties in Region VI have experienced 57 high wind events. (This number may appear low since a single event was likely to affect all or most counties; as such, simply totaling the number of events per county would not provide an accurate picture of wind storm frequency.)

HAZARD PROFILE – WIND

The following table illustrates the high wind events, damages reported, and injuries known for each county.

<b>High Wind Events in Region VI</b>			
<i>County</i>	<i>Number of Events</i>	<i>Damages Reported</i>	<i>Known Injuries</i>
Doddridge	2	\$75,000	0
Harrison	4	\$90,000	0
Marion	13	\$468,000	0
Monongalia	9	\$345,000	0
Preston	26	\$658,000	0
Taylor	3	\$80,000	0
<b>TOTALS</b>	<b>57</b>	<b>\$1,716,000</b>	<b>0</b>



The “Design Wind Speed Map for Community Shelters” is one way of graphically analyzing wind risks. As can be seen, all of the counties in the region are in a “Zone II” with respect to design wind speeds, which means that shelters constructed for protective purposes should be designed to withstand up to 160 mph winds.

Severe wind events can cause a variety of secondary, or cascading, hazard events. For instance, wind may blow limbs from trees down knocking out electric power or blocking roadways. Wind often results in damages to roofs and other home finishings (such as siding, etc.).

#### HAZARD EFFECTS - TORNADO

The most violent tornadoes are capable of tremendous destruction with wind speeds of 250 mph or more. Damage paths can be in excess of one (1) mile wide and 50 miles long. Tornadoes are among the most unpredictable of weather phenomena. Tornadoes can occur in any state in the United States but are more frequent in the Midwest, Southeast, and Southwest.

The nature of tornadoes is that they strike at random. While it is known that some areas of the country experience tornadoes more than others, predicting exactly what parts of the region have a greater chance of being struck by a tornado is difficult. The best predictor of future tornadoes is the occurrence of previous tornadoes.

#### HAZARD PROFILE – TORNADO

According to NCDC records, every county in the region has experienced a tornado. Most of these tornados have been small and caused relatively little property damage. Two (2) tornados in

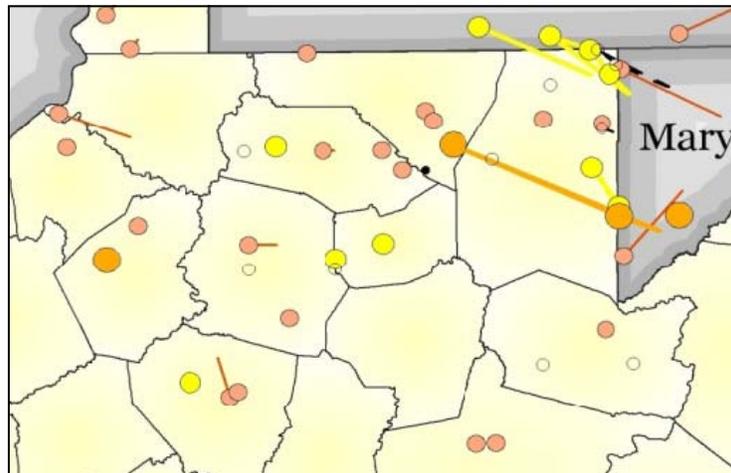
	Description	Wind Speeds
F0	<b>Gale Tornado:</b> Some damage to chimneys; break branches off of trees, pushes over shallow-rooted trees, damages signs.	40-70
F1	<b>Moderate Tornado:</b> The lower limit is the beginning of hurricane wind speed; peels surfaces off of roofs; mobile homes destroyed.	73-112
F2	<b>Significant Tornado:</b> Considerable damage; roofs torn off frame houses; mobile homes demolished; boxcars pushed over; larger trees snapped or uprooted; light object missiles generated.	113-157
F3	<b>Severe Tornado:</b> Roof and some walls torn off well-constructed houses; trains overturned; most trees in forest uprooted.	158-206
F4	<b>Devastating Tornado:</b> Well-constructed houses leveled; structures with weak foundations blown off some distance; cars thrown; large missiles generated.	207-260
F5	<b>Incredible Tornado:</b> Strong frame houses lifted off foundations and carried considerable distances; automobile-sized missiles fly in excess of 100 meters.	261-318
F6	<b>Inconceivable Tornado:</b> The area of damage produced would be unrecognizable.	319-379

October, 1986, in Doddridge County caused \$500,000 in property damage and one (1) injury. Harrison County was home to the most well-known of the tornados in the region –

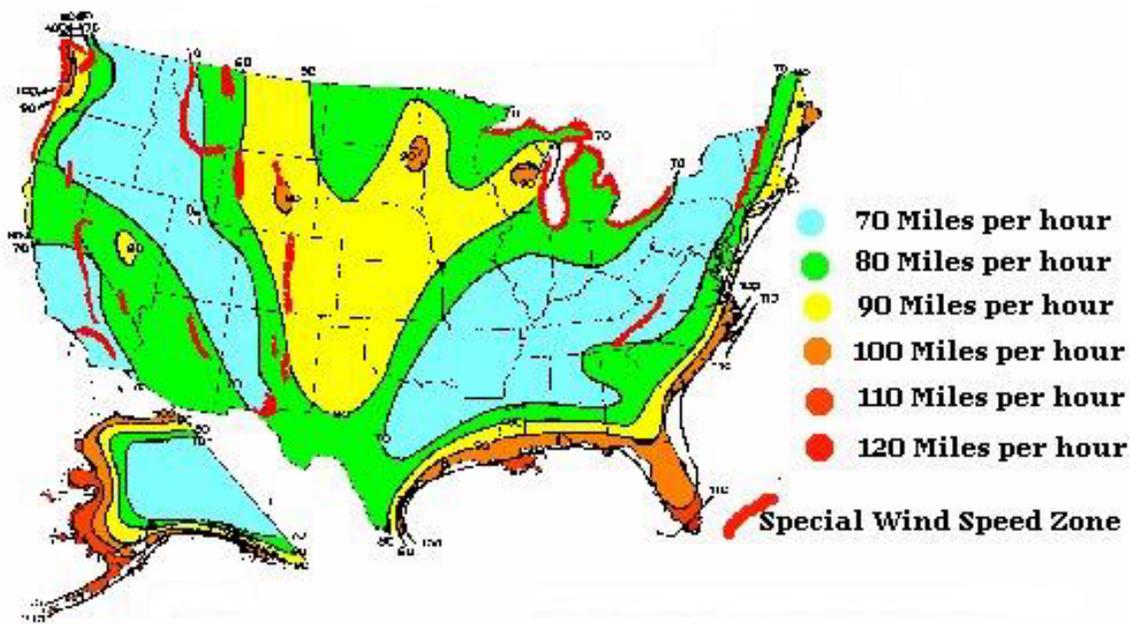
the Shinnston tornado of 1944. The county has experienced four (4) other tornados, though. Five (5) tornados in Marion County have led to \$328,000 in property damage and \$3,000 in crop damage. Three (3) tornados have been reported in Monongalia County; one (1) in 1982 led to one (1) death. An F2 event in Taylor County in 1967 caused approximately \$25,000 in damage.

The notable exception is Preston County, where ten (10) tornados have been recorded. These have ranged in size from F0 to F3. The F3 occurred in 1980 and caused 15 injuries along with \$2.5M in property damage. The remaining events (combined) caused six (6) injuries, nearly \$5.5M in property damage, and \$2M in crop damage.

The following image (taken from the *West Virginia State Standard Hazard Mitigation Plan*) shows the historic tornado tracks between 1950 and 2009. This image also supports the above claim that Preston County has seen the most destructive tornado activity.



For planning purposes, it is less important to map the tornado risk than it is to identify it. This is because it is so difficult to predict the path of future tornadoes. The Fujita scale provides us with an idea of the strength and extent of damages of tornadoes that can occur in the region. An additional resource to help understand the extent of tornado risks in the county is the “Design Wind Speed Map for Community Shelters” developed by the Disaster Center. The Disaster Center has also developed a map (shown below) that is similar to the “Design Wind Speed Map for Community Shelters” that suggests building standards with respect to wind speed.



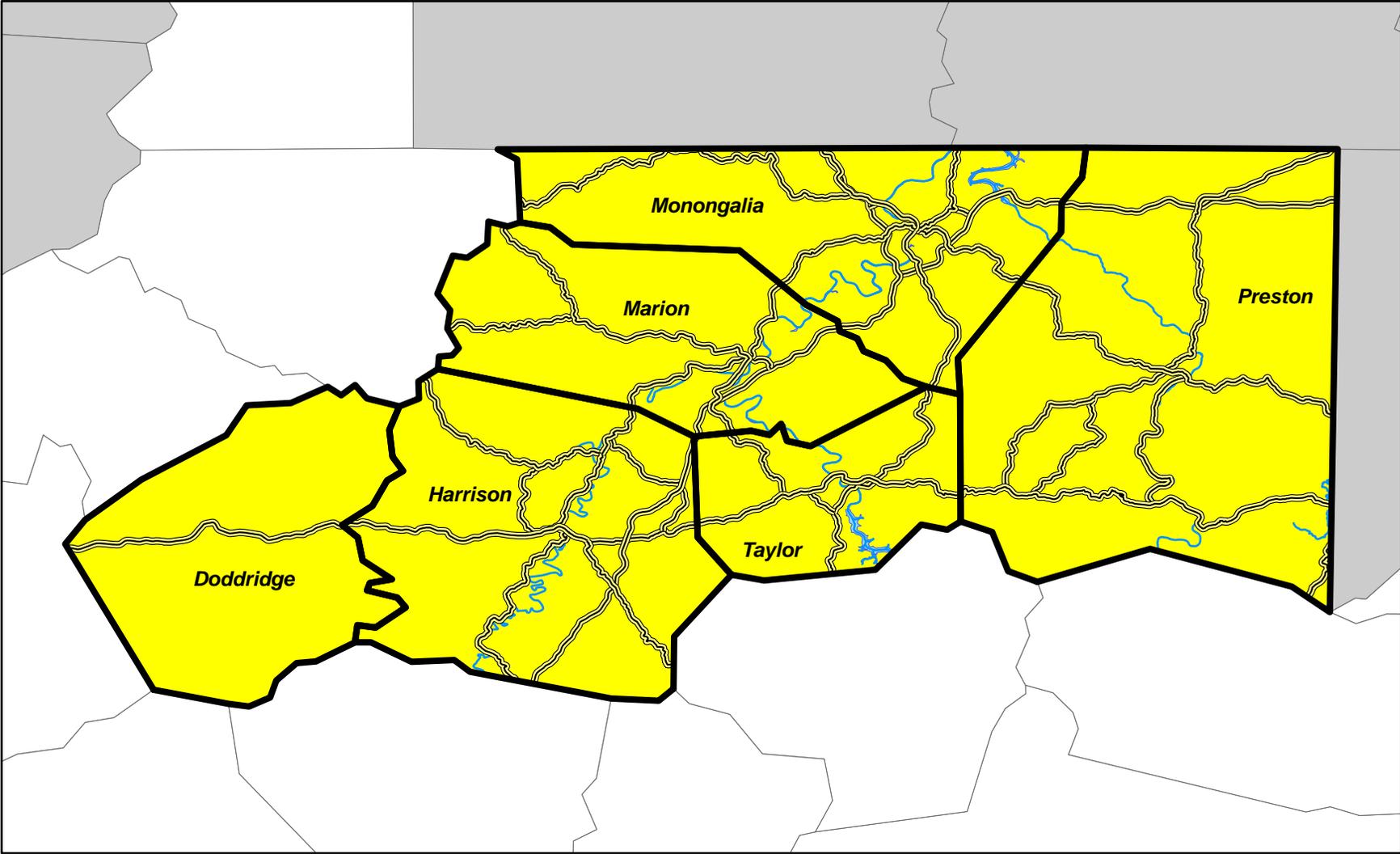
As can be seen, all of West Virginia is shown with the lowest wind speed (or the equivalent to a “gale tornado” as described above).

High wind, in general, is another of the hazards that can be said to affect the entire region. Tornadoes can also be said to affect the entire region due to their unpredictable nature.

## LOSS ESTIMATES

Wind-related loss estimates are quite high because both high wind and tornado loss estimates are combined and because of the amount of damage that can be done by a single incident. As an example, consider the extremely high damage estimates from

the tornado events versus just the high wind events. The average WCS wind event in a single county could result in as much as \$96,061,117 in losses; a region-wide WCS event could tally \$576,366,704 in losses.



**Vulnerability to Severe Wind**  
Moderate Hazard

2.2.10: Winter Storm

A winter storm is a type of storm in which the dominant varieties of precipitation are forms that only occur at cold temperatures such as snow or sleet, or a rainstorm where ground temperatures are cold enough to allow ice to form.

RESEARCH SOURCES

- NCDC Event Records

Period of Occurrence:	Winter
Number of Events to Date (1983 – 2012):	285
Probability of Event:	Likely
Warning Time:	Snow – Days Ice – Minutes to hours
Potential Impacts:	Utility damage and outages, infrastructure damage (transportation and communication systems), structural damage, damaged critical facilities. Can cause severe transportation problems and make travel extremely dangerous. Power outages, which result in loss of electrical power and potentially loss of heat. Extreme cold temperatures may lead to frozen water mains and pipes, damaged car engines, and prolonged exposure to cold resulting in frostbite.
Cause Injury or Death:	Injury
Potential Facility Shutdown:	Days

HAZARD EFFECTS

Winter storms vary in size and strength and can be accompanied by strong winds that create blizzard conditions and dangerous wind chill. There are three (3) categories of winter storms:

- **Blizzard:** A blizzard is the most dangerous of all winter storms. It combines low temperatures, heavy snowfall, and winds of at least 35 miles per hour (mph), reducing visibility to only a few yards.
- **Heavy Snowstorms:** A heavy snowstorm is one that drops four (4) or more inches of snow in a 12-hour period.
- **Ice Storm:** An ice storm occurs when moisture falls and freezes immediately upon impact.

Winter storms tend to encompass the entire county whereas flooding generally occurs within predictable boundaries along the regulatory Special Flood Hazard Area (SFHA) and its main branches and tributaries. Risks associated and identified with severe winter storms include but are not limited to the following:

- Emergency medical evacuation of the sick, elderly, and infirmed to shelters.
- Power outages to those on life support systems.
- Communications interruptions and/or outages.
- Loss of the ability to heat homes.
- Interruption of the delivery of home supplies and food.

These above-described events fall within two (2) general categories 1) road closures due to snow drifts and 2) utility failures (such as damaged supply lines). Additionally, data indicates that structural damage has occurred in several instances in the past as a result of extremely heavy snowfall. Structures damaged were usually buildings such as barns, garages, carports, etc. Additionally, severe winter storms, because of the county's mountainous terrain, frequently result in dangerous driving conditions.

#### HAZARD PROFILE

The following table illustrates the number of winter storm (i.e., snow, ice, and blizzard) events in each of the region's counties as well as the damage caused by those storms (*Source: NCDC Event Records*).

<b>Winter Storms Throughout Region VI</b>		
<i>County</i>	<i>Number of Storms</i>	<i>Reported Damage</i>
Doddridge	29	\$51,765,000
Harrison	35	\$51,280,000
Marion	24	\$51,238,000
Monongalia	28	\$51,273,000
Preston	127	\$51,438,000
Taylor	42	\$51,315,000
<b>TOTALS</b>	<b>285</b>	<b>\$308,309,000</b>

At least ten (10) injuries have resulting from winter storms have been reported in all counties (at least five [5] were reported in each county; however, those were likely from the same event). Additionally, each county reported three (3) deaths; these were

likely to be from the same, regional event.

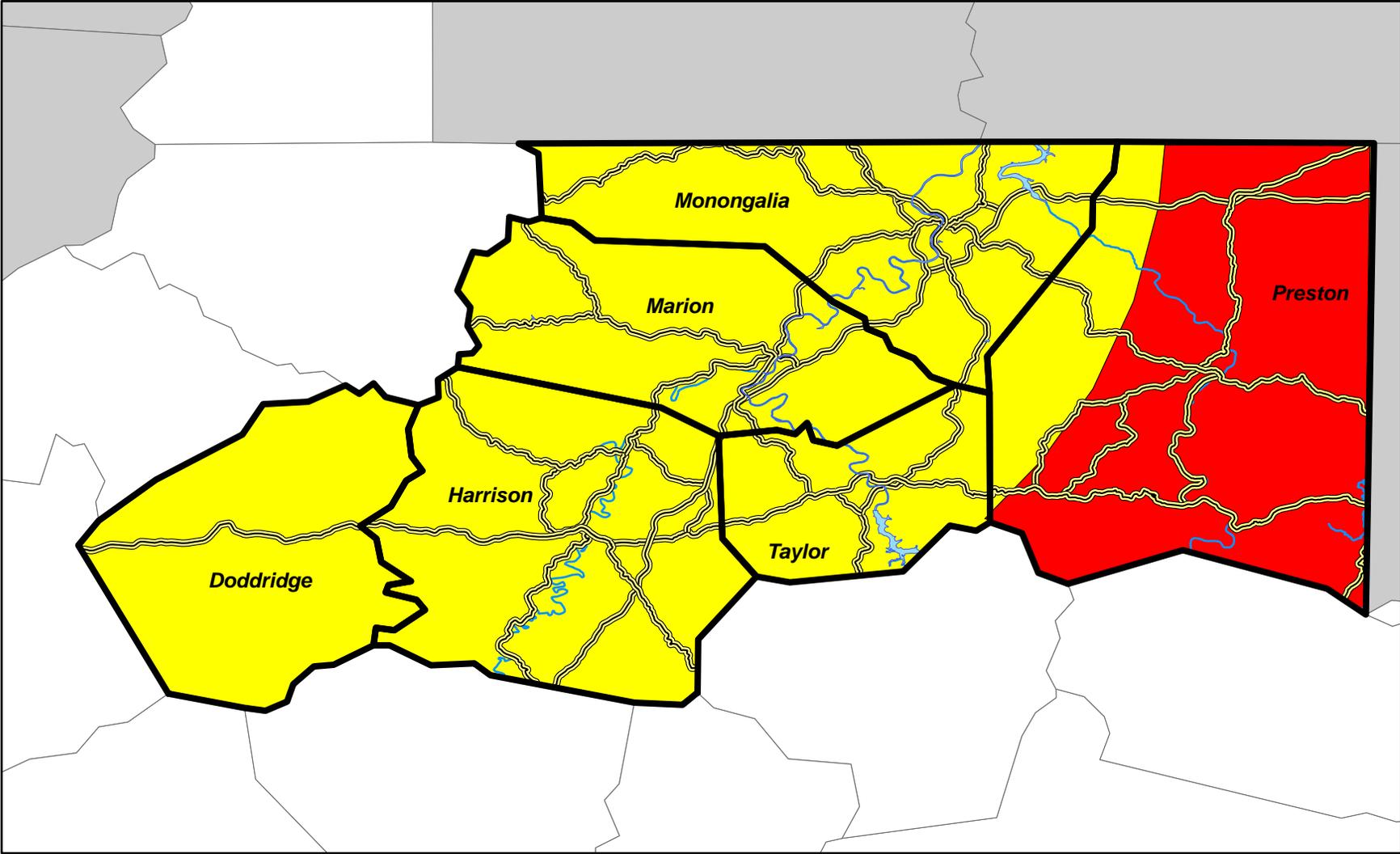
A winter storm is another hazard that can be said to affect the entire region equally (i.e., all structures in the region are at risk). One must realize, though, that the cascading hazards resulting from winter storms (e.g., slick roadways, drifts covering roadways, communities being isolated as a result of snow, etc.) can vary within the region – even within a single county – due to factors such as topography. Further, winter storms are often considered “just a way of life”; many residents do not report the losses from these storms. For instance, in Preston County (which is one of the most mountainous counties in the region), local officials and residents alike recognize winter storms as a hazard, but do not feel that most winter storms significantly interrupt their daily activities. Such an attitude is likely shaped by the frequency with which residents face these events. According to a *West Virginia Snowfall and Snow Depth Extremes Table* from the NCDC web page, the greatest annual snowfall total was 223.8 inches in Terra Alta, West Virginia. See the photograph at right of snow in Terra Alta.



Area-specific data provides insight into the actual perception of the hazard. According to *The Herald Record* newspaper (West Union), a state of emergency was declared on January 8, 1996, as a result of a severe winter storm that dropped in excess of 1 to 1.5 feet of snow. This storm warranted several days’ worth of newspaper coverage for Doddridge County. The March 17, 1999, edition of *The Preston County News*, Preston County’s local newspaper, stated that a winter storm blanketed Preston County in up to 16 inches of new snow. It was the fifth storm Preston County had weathered in 14 days. It was also reported that 176 total inches had accumulated in the month of March alone. Local officials indicate the Preston County experiences winter storms when other neighboring counties are experiencing thunderstorm or other events. This fact is attributed to the general high elevation of the county.

## LOSS ESTIMATES

As part of the loss estimates completed by all of the region’s counties, the average county-level WCS event could total \$73,215,085 in losses. A region-wide WCS event could total as much as \$439,290,514.



## 2.3 REGIONAL IMPLICATIONS

The hazard profiles above present, in a general sense, a regional hazard risk. This risk, though, is based off of individual county assessments of how risk *individual counties*. This section discusses how region-wide risks are realized.

Flooding, as one of the primary hazards addressed by this plan, does pose a risk regionally. Even flash flooding, which is widely considered to be a site-specific hazard, can contribute to a regional flooding impact. For example, flash flooding throughout the region would likely feed such rivers as the West Fork and Cheat, which either form or are tributaries of the Monongahela River. As these tributaries fill, so too will the Monongahela, potentially leading to a high water risk in another area in the region that did not receive significant rainfall.

The river network itself may also lead to somewhat of a regional risk in terms of flooding. As mentioned, the West Fork River forms, together with the Tygart River, the Monongahela. Local officials in Harrison and Taylor Counties that are witnessing rising waters on either the West Fork or Tygart may choose to notify officials in Marion and Monongalia Counties about the potential for heightened water levels on the Monongahela River. Additionally, emergency managers and floodplain coordinators in such counties as Harrison and Taylor may choose to coordinate with their counterparts in Lewis County (regarding the West Fork River) and Barbour County (regarding the Tygart River). Flooding in those areas may be of interest to local officials in the Region VI area.

Dam failure is another hazard that could have a regional impact. Portions of the Tygart Lake, formed by the Tygart Dam in Grafton (Taylor County) are located in Barbour County. While not downstream of the potentially failed dam structure, depleting lake levels could impact Barbour County from an economic perspective. Additionally, the chart of dam facilities in the Region VI area notes a number of communities in Pennsylvania (such as Point Marion and Mt. Morris) that could be affected by a dam failure. Local officials in Monongalia County should be prepared to notify Greene County, Pennsylvania officials should those structures fail.

Other hazard occurrences, such as thunderstorms and wind storms – but primarily winter storms – could have regional implications, but not in terms of potential early warning. For example, if a front passes through the northern portion of the region, the local economy could be impacted due to commuter traveling – especially if it is not

storming in the southern portions of the region. Additionally, the Interstate 79 corridor serves as a major arterial route for the northern part of West Virginia and southwestern portion of Pennsylvania. Such hazards as winter weather could significantly impact traffic flow along that route.

# **SECTION 3.0**

# **MITIGATION STRATEGY**

Section 3.0 uses the risk assessment information from Section 2.0 to generate a list of action items that Region VI's member governments can consider to greatly lessen potential hazard losses. This section lists and prioritizes them.

### 3.1 GOALS, OBJECTIVES, AND STRATEGIES

§201.6(c)(3)(i)	[The hazard mitigation strategy shall include a] description of mitigation goals to reduce or avoid long-term vulnerabilities to the identified hazards.
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Several hazard mitigation projects have been listed in this plan. It is significant to note that mitigation projects are developed in much the same way as other projects (i.e., community and economic development projects) considered and/or administered by the Region VI Planning and Development Council (PDC). Member governments – in this case, their emergency management/preparedness and/or planning commission representatives – are encouraged to compile lists of the projects they feel are most beneficial to their jurisdiction. These projects are submitted to the PDC for (consideration by and) inclusion into this plan.

Goals, objectives, and strategies are only listed in this section as a “quick reference guide” for users of the plan. Strategies – which are the mitigation projects under consideration – are organized both by hazard and jurisdiction. A simple status statement is also listed for each project. Projects can be classified as: New, Completed, Completed and On-Going, Deleted, Deferred, or On-Going. Detailed discussions on the implementation and prioritization of mitigation projects, including an explanation of each status indicator, can be found in Sections 3.2 and 3.3 below.

REGION VI PLANNING & DEVELOPMENT COUNCIL AREA

**Goal 1: Lessen flood risk by maintaining compliance with the National Flood Insurance Program (NFIP) and undertaking buyout projects when funding is available.**

*Objective 1.1:* Maintain compliance with the NFIP.

*Strategy 1.1.1:* Maintain compliance with the NFIP at the jurisdictional level by attending training, monitoring development, and ensuring that local floodplain regulations are as current and applicable as possible.

**Status:** New.

*Strategy 1.1.2:* Undertake buyout, elevation, and/or relocation projects in the Region VI Planning and Development Council area when and if funding is available.

**Status:** New.

**Goal 2: Better identify hazard areas.**

*Objective 2.1:* Identify hazard areas with respect to the dam failure hazard.

*Strategy 2.1.1:* Coordinate, as appropriate, with partners throughout the region to identify the location of privately-owned dams.

**Status:** New.

**Goal 3: Enhance mitigation efforts through public education and awareness.**

*Objective 3.1:* Educate the public as to the hazards that could affect them.

*Strategy 3.1.1:* Undertake public outreach campaigns that better describe the risk to such hazards as earthquakes, severe wind, wildfires, etc.

**Status:** New.

*Objective 3.2:* Strengthen notification and warning capabilities.

*Strategy 3.2.1:* Coordinate with critical facilities throughout the region to ensure access to National Oceanic and Atmospheric Administration (NOAA) all-hazard radios.

**Status:** New.

*Strategy 3.2.2:* Ensure coordination with the National Weather Service (NWS) to enhance warnings of impending severe weather.

**Status:** New.

ALBRIGHT, TOWN OF

**Goal A1: Decrease the amount of property damage in Albright as a result of flooding.**

*Objective A1.1:* Reduce the number of properties that are exposed to flooding.

*Strategy A1.1.1:* Conduct acquisition and relocation projects in the Town of Albright, and adopt ordinances that limit development in the floodplain.

**Status:** Completed.

ANMOORE, TOWN OF

**Goal B1: Reduce flood damage in Anmoore.**

*Objective B1.1:* Minimize future damage due to flooding.

*Strategy B1.1.1:* Amend floodplain ordinance for compliance with the NFIP regulations.

**Status:** On-going.

*Strategy B1.1.2:* Establish procedure to amend ordinances as NFIP regulations change.

**Status:** On-going.

*Strategy B1.1.3:* Establish a public education process for utilities, businesses, and residences regarding floodplain management, to include:

- Permit process;
- Elevation of existing and new residences above flood elevation;
- Elevation of existing and new electrical and mechanical devices above flood elevation;
- Storage of documents, personal objectives, and inventory above floodplain;
- Identification and relocation of stored hazardous materials; and
- Installation of flood walls or shields, as applicable.

**Status:** On-going.

*Strategy B1.1.4:* Continuation of acquisition and demolition of Federal Emergency Management Agency (FEMA)-identified repetitive loss structures.

**Status:** On-going.

*Strategy B1.1.5:* Revise subdivision regulations to require provision for open space on land that is in the floodplain.

**Status:** On-going.

*Strategy B1.1.6:* Continue and expand the intergovernmental agreement process between the county and municipalities in order to provide floodplain management by a certified floodplain manager.

**Status:** On-going.

*Strategy B1.1.7:* Design and implement a countywide housing rehab program which addresses code violations, elevation, and flooding.

**Status:** On-going.

**Goal B2: Reduce damage in Anmoore due to severe winter storms.**

*Objective B2.1:* Minimize future damage due to severe winter storms.

*Strategy B2.1.1:* Adopt and enforce the state building code.

**Status:** On-going.

**Goal B3: Reduce damage in Anmoore due to wind storms, thunderstorms, hailstorms, and tornadoes.**

*Objective B3.1:* Minimize damage due to wind storms, thunderstorms, hailstorms, and tornados.

*Strategy B3.1.1:* Adopt and enforce the state building code.

**Status:** On-going.

**Goal B4: Reduce damage in Anmoore due to fires.**

*Objective B4.1:* Minimize damage due to fires.

*Strategy B4.1.1:* Establish a county fire board in order to provide a mechanism for county residents to obtain fire hydrants and other fire suppression tools.

**Status:** On-going.

**Goal B5: Improve delivery of services during any emergency or catastrophic event.**

*Objective B5.1:* Minimize damage improving delivery of services during any emergency or catastrophic event.

*Strategy B5.1.1:* Continue and expand the intergovernmental agreement process between the county, municipalities, and other public agencies to encourage cooperation, to eliminate duplication of duties to provide cost-effective services to citizens.

**Status:** On-going.

BARRACKVILLE, TOWN OF

**Goal C1: Lessen flood-related losses.**

*Objective C1.1:* Minimize future flood damage throughout Marion County by increasing control over development in the floodplain.

*Strategy C1.1.1:* Use municipal regulations as models to develop a countywide permitting process to supplement the measures taken by lending institutions to monitor new construction in the floodplain.

**Status:** On-going.

*Strategy C1.1.2:* Update countywide zoning ordinance in accordance with updated information from flood zone mapping to regulate the type of development that occurs in the floodplain.

**Status:** Completed.

*Objective C1.2:* Increase public awareness of impending floods

*Strategy C1.2.1:* Continue to educate faculty and staff at schools on NOAA radio usage.

**Status:** On-going.

*Objective: C1.3:* Determine what projects can be implemented to reduce the vulnerability of the county in the event of a dam breachment.

*Strategy C1.3.1:* Coordinate with the Soil Conservation Service to continue updating the map showing areas that would be affected by a dam failure.

**Status:** On-going.

**Goal C2: Reduce the negative effects of severe winter storms in The Town of Barrackville.**

*Objective C2.1:* Streamline snow removal processes to better serve county residents.

*Strategy C 2.1.1:* Update resource list of contracts with snow removal agencies.

**Status:** On-going.

**Goal C3: Reduce the negative effects of landslides in  
Barrackville.**

*Objective C3.1:* Develop more effective response mechanisms when landslides occur.

*Strategy C3.1.1:* Establish procedures with companies to clean up material from a landslide quickly and to monitor areas of high risk.

**Status:** On-going.

**Goal C4: Lessen the effects of severe thunderstorms in  
Barrackville.**

*Objective C4.1:* Increase public awareness that a severe thunderstorm is imminent

*Strategy C4.1.1:* Continue to coordinate with the National Weather Service in Pittsburgh, Pennsylvania to warn residents of impending severe thunderstorm conditions.

**Status:** Completed and on-going.

*Strategy C4.1.2:* Continue to monitor and maintain the three (3) rain gauges installed at strategic points throughout the county. Use these gauges in conjunction with the new weather station to monitor current and developing weather incidents.

**Status:** On-going.

**Goal C5: Reduce the negative effects of drought on  
Barrackville.**

*Objective C5.1:* Upgrade or extend public infrastructure systems throughout Marion County.

*Strategy C5.1.1:* Extend public water service to communities currently without service.

**Status:** Deleted.

*Strategy C5.1.2:* Develop plans and schedules with the Department of Agriculture to haul water to residents during drought conditions.

**Status:** On-going.

**Goal C6: Generally lessen the effects of disasters in  
Barrackville.**

*Objective C6.1:* Undertake general mitigation projects to address a variety of hazards.

*Strategy C6.1.1:* Equip shelter facilities to provide back-up power.

**Status:** On-going.

*Strategy C6.1.2:* Maintain and update the early warning systems that are in place throughout the county.

**Status:** On-going.

*Strategy C6.1.3:* Undertake additional planning efforts to measure Marion County's susceptibility to technological and man-made hazards.

**Status:** On-going.

BLACKSVILLE, TOWN OF

**Goal D1: Lessen the negative effects of a drought.**

*Objective D1.1:* Ensure that residents understand the drought hazard and how to mitigate it.

*Strategy D 1.1.1:* Develop an informational brochure to distribute to local farmers and residents.

**Status:** Completed.

*Strategy D 1.1.2:* Educate local residents on the benefits of conserving water at all times, not just during a drought.

**Status:** Completed and on-going.

**Goal D2: Mitigate potential damage from minor earthquakes.**

*Objective D2.1:* Ensure that residents understand the earthquake risk in Monongalia County.

*Strategy D2.1.1:* Develop an informational brochure explaining the potential for earthquakes as well as the potential damages from those earthquakes. The brochure should include information on measures to take to safe-proof homes and other structures from the potential effects of earthquakes.

**Status:** Completed and on-going.

**Goal D3: Proactively mitigate the potential damage from land subsidence throughout the county.**

*Objective D3.1:* Consider revising codes and other ordinances to protect future assets from land subsidence.

*Strategy D3.1.1:* Educate the public as to the benefits of building codes and overall community and land use planning as well as advantages to mitigation planning.

**Status:** Completed and on-going.

*Strategy D3.1.2:* Strictly enforce ground disturbance permitting regulations, such as new MS4 requirements, in municipal and county jurisdictions.

**Status:** Unchanged.

*Objective D3.2:* Undertake projects to shore up areas susceptible to slippage and/or erosion.

*Strategy D3.2.1:* Undertake active re-vegetation and other storm water programs to cover areas of bare ground that may be susceptible to erosion.

**Status:** Completed and on-going.

**Goal D4: Prepare for potential epidemic situations.**

*Objective: D4.1:* Undertake planning projects to protect the county's population from epidemic and pandemic situations.

*Strategy D4.1.1:* Produce public awareness campaigns via various local media outlets.

**Status:** Completed and on-going.

**Goal D5: Lessen damage from hail events.**

*Objective D5.1:* Provide adequate warning of storm events.

*Strategy D5.1.1:* Coordinate efforts with local media to post advance warnings of hailstorms.

**Status:** Completed and on-going.

**Goal D6: Lessen damage from thunderstorm events.**

*Objective D6.1:* Provide adequate warning of storm events.

*Strategy D6.1.1:* Coordinate with the NWS in Pittsburgh, Pennsylvania to warn residents of impending severe thunderstorm conditions.

**Status:** Completed and on-going.

**Goal D7: Lessen the negative impacts of severe wind and tornadoes.**

*Objective: D7.1:* Provide adequate warning of storm events.

*Strategy D7.1.1:* Coordinate with the NWS in Pittsburgh, Pennsylvania to warn residents of impending severe wind and possible tornado conditions.

**Status:** Completed and on-going.

*Objective D7.2:* Educate residents on the extent of the severe wind risk in Monongalia County.

*Strategy D7.2.1:* Develop an informational brochure to distribute to local residents.

**Status:** Completed.

### **Goal D8: Lessen damage from winter storms.**

*Objective D8.1:* Ensure adequate emergency services to protect the population of the county during winter storm events.

*Strategy D8.1.1:* Continue outfitting and preparing the winter rescue team to ensure that emergency responders can access all parts of the county.

**Status:** On-going.

### **Goal D9: Continue to strengthen response capabilities to urban fires and wildfires.**

*Objective D9.1:* Educate the public on the fire risk, to include avoidance measures.

*Strategy D9.1.1:* Distribute information concerning the leading causes of wildfires and steps the general public can take to avoid starting wildfires.

**Status:** Completed and on-going.

*Objective D9.2:* Increase the number of training opportunities aimed at increasing participating jurisdictions' capability to respond to fire incidents.

*Strategy D9.2.1:* Continue to train and organize local fire service personnel to assist in the investigation of structural fires and the citation of code violations through a certification program made available to local fire chiefs.

**Status:** On-going.

*Strategy D9.2.2:* Coordinate with the West Virginia State Fire Marshal (WVSFM) to extend the jurisdiction of deputized fire marshals to a statewide jurisdiction.

**Status:** On-going.

*Strategy D9.2.3:* Certify police departments, who have arrest powers, to handle arson investigations in place of fire departments, who do not have arrest powers (include a modified version of the State Police Academy to provide such training).

**Status:** On-going.

*Objective D9.3:* Undertake public awareness campaigns to strengthen the participating jurisdictions' capabilities to respond to fire events.

*Strategy D9.3.1:* Facilitate public awareness campaigns aimed at recruiting more volunteers at volunteer fire departments.

**Status:** Completed and on-going.

*Strategy D9.3.2:* Continue public awareness campaigns in schools, etc.

**Status:** Completed and on-going.

<p><b>Goal D10: Lesson the negative effects of utility failures such as communications, electricity, natural gas, water, and wastewater service failures.</b></p>
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*Objective: D10.1:* Coordinate with utility providers to facilitate a better emergency response capability.

*Strategy D10.1.1:* Encourage Allegheny Power to undertake projects to increase the number of feeder lines into rural areas so as to create back-up electricity in the event that one of the feeder lines fails.

**Status:** On-going.

*Strategy D10.1.2:* Encourage Allegheny Power to allow employees to take company vehicles home to be available for emergency call-outs in the event of a downed electric line. These actions will free-up local emergency responders who normally monitor the downed line.

**Status:** On-going.

*Objective D10.2:* Educate the community as to steps that can be taken to prevent long-term utility failures.

*Strategy D10.2.1:* Encourage representatives from the county's assets (e.g. company leaders, etc.) to draft and distribute guidelines to implement in the event of a Heating, Ventilation, and Air Conditioning (HVAC) failure.

**Status:** Completed and on-going.

*Objective D10.3:* Create a local capability to enable community assets to prevent utility failures.

*Strategy D10.3.1:* Instate a grant or low-interest loan program to help individual residents finance generators and other back-up electricity systems.

**Status:** Unchanged.

<p><b>Goal D11: Prolong resource availability for as long as possible during emergencies.</b></p>
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*Objective D11.1:* Educate the public regarding the potential for resource shortages; also, develop a notification capability to warn residents of shrinking resource supplies.

*Strategy D11.1.1:* Coordinate with local media to announce low resource supplies.

**Status:** Completed and on-going.

*Strategy D11.1.2:* Coordinate with local media to announce low fuel supplies.

**Status:** Completed and on-going.

*Strategy D11.1.3:* Increase public knowledge as to resource conservation by distributing information to new and existing customers.

**Status:** Completed and on-going.

**Goal D12: Prevent hazardous material incidents.**

*Objective D12.1:* Identify potential problem areas within the transportation networks of Monongalia County.

*Strategy D12.1.1:* Assess the feasibility of cleaning up busy intersections.

**Status:** Completed and on-going.

*Strategy D12.1.2:* Evaluate railroad and roadway intersections for warning systems, etc.

**Status:** Completed and on-going.

*Objective D12.2:* Ensure that the public is both aware of the hazardous material risk and potential protective measures.

*Strategy D12.2.1:* Publicize evacuation plans.

**Status:** Completed and on-going.

*Strategy D12.2.2:* Facilitate the creation of safe zones as places where residents can go in the event of a hazardous material incident. Further, publicize the location and access to these safe zones.

**Status:** Completed and on-going.

**Goal D13: Prevent acts of terrorism.**

*Objective D13.1:* Protect vulnerable populations from terrorist acts.

*Strategy D13.1.1:* Encourage schools to adopt and/or upgrade procedural and evacuation plans in the event of a bomb threat.

**Status:** Completed and on-going.

*Objective D13.2:* Undertake planning projects to build a response capability to terrorist incidents.

*Strategy D13.2.1:* Encourage county assets to instate and/or update procedural and evacuation plans in the event of a bomb threat.

**Status:** Completed.

*Strategy D13.2.2:* Establish trauma centers to offer medical attention and counseling to affected populations in the event of a bomb explosion.

**Status:** Completed and on-going.

*Objective D13.3:* Educate the public regarding preparedness for acts of terrorism.

*Strategy D13.3.1:* Increase the knowledge of the general public concerning preparedness through the preparation of informational brochures, town meetings, training seminars, etc.

**Status:** Completed and on-going.

*Objective D13.4:* Plan for the emotional and psychological needs of the population during and following terrorist incidents.

*Strategy D13.4.1:* Establish trauma centers to offer medical attention and counseling to affected populations in the event of a terrorist event.

**Status:** Completed and on-going.

*Objective D13.5:* Facilitate agency collaboration to better prepare for terrorist incidents.

*Strategy D13.5.1:* Coordinate with first responders for interagency cooperation to assist in collaborative planning.

**Status:** Completed and on-going.

*Strategy D13.5.2:* Continue education and training efforts of first responders and emergency personnel.

**Status:** Completed and on-going.

BRANDONVILLE, TOWN OF

**Goal E1: Improve the delivery and effectiveness of warning messages.**

*Objective E1.1:* Provide residents with advance warnings of impending severe thunderstorms.

*Strategy E1.1.1:* Encourage the use of NOAA weather radios, which continuously broadcasts National Weather Service forecasts among residents in Brandonville.

**Status:** Completed.

BRIDGEPORT, CITY OF

**Goal F1: Reduce flood damage in Bridgeport.**

*Objective F1.1:* Minimize future damage due to flooding of Simpson Creek and tributaries.

*Strategy F1.1.1:* Amend floodplain ordinance for compliance with the NFIP regulations.

**Status:** On-going.

*Strategy F1.1.2:* Establish procedure to amend ordinances as NFIP regulations change.

**Status:** On-going.

*Strategy F1.1.3:* Establish a public education process for utilities, businesses, and residences regarding floodplain management, to include:

- Permit process;
- Elevation of existing and new residences above flood elevation;
- Elevation of existing and new electrical and mechanical devices above flood elevation;
- Storage of documents, personal objectives, and inventory above floodplain;
- Identification and relocation of stored hazardous materials; and
- Installation of flood walls or shields, as applicable.

**Status:** On-going.

*Strategy F1.1.4:* Continuation of acquisition and demolition of FEMA-identified repetitive loss structures.

**Status:** On-going.

*Strategy F1.1.5:* Revise subdivision regulations to require provision for open space on land that is in the floodplain.

**Status:** On-going.

*Strategy F1.1.6:* Continue and expand the intergovernmental agreement process between the county and municipalities in order to provide floodplain management by a certified floodplain manager.

**Status:** On-going.

*Strategy F1.1.7:* Design and implement a countywide housing rehab program which addresses code violations, elevation, and flooding.

**Status:** On-going.

*Strategy F1.1.8:* Undertake further flood-proofing of the Bridgeport Fire Department.

**Status:** On-going.

**Goal F2: Reduce damage in Bridgeport due to severe winter storms.**

*Objective F2.1:* Minimize future damage due to severe winter storms.

*Strategy F2.1.1:* Adopt and enforce the state building code.

**Status:** On-going.

*Strategy F2.1.2:* Encourage the placement of utility lines underground for critical facilities.

**Status:** On-going.

*Strategy F2.1.3:* Encourage tree trimming adjacent to utilities.

**Status:** On-going.

**Goal F3: Reduce damage in Bridgeport due to wind storms, thunderstorms, hailstorms, and tornados.**

*Objective F3.1:* Minimize damage due to wind storms, thunderstorms, hailstorms, and tornados.

*Strategy F3.1.1:* Adopt and enforce the state building code.

**Status:** On-going.

**Goal F4: Reduce damage in Bridgeport due to fires.**

*Objective F4.1:* Minimize damage due to fires.

*Strategy F4.1.1:* Establish a county fire board in order to provide a mechanism for county residents to obtain fire hydrants and other fire suppression tools.

**Status:** On-going.

**Goal F5: Reduce damage in Bridgeport due to dam failures.**

*Objective F5.1:* Minimize damage in Bridgeport due to dam failures.

*Strategy F5.1.1:* Prepare annual updates of dam assessments in accordance with state law.

**Status:** On-going.

*Strategy F5.1.2:* Explore state, federal, and private funding sources for dam rehabilitation.

**Status:** On-going.

**Goal F6: Improve delivery of services during any emergency or catastrophic event.**

*Objective F6.1:* Minimize damage improving delivery of services during any emergency or catastrophic event.

*Strategy F6.1.1:* Continue and expand the intergovernmental agreement process between the county, municipalities, and other public agencies to encourage cooperation, to eliminate duplication of duties to provide cost-effective services to citizens.

**Status:** On-going.

BRUCETON MILLS, TOWN OF

**Goal G1: Reduce property damage as a result of flooding in Bruceton Mills.**

*Objective G1.1:* Lessen flood damage by preserving the natural course of waterways, and conducting structural projects.

*Strategy G1.1.1:* Clean Big Sandy Creek and its floodplain, clearing log jams, trees and shrubs, and sediment bars.

**Status:** On-going.

CLARKSBURG, CITY OF

**Goal H1: Reduce flood damage in Clarksburg.**

*Objective H1.1:* Minimize future damage due to flooding of the West Fork River and tributaries.

*Strategy H1.1.1:* Amend floodplain ordinance for compliance with the NFIP regulations.

**Status:** On-going.

*Strategy H1.1.2:* Establish procedure to amend ordinances as NFIP regulations change.

**Status:** On-going.

*Strategy H1.1.3:* Establish a public education process for utilities, businesses, and residences regarding floodplain management, to include:

- Permit process;
- Elevation of existing and new residences above flood elevation;
- Elevation of existing and new electrical and mechanical devices above flood elevation;
- Storage of documents, personal objectives, and inventory above floodplain;
- Identification and relocation of stored hazardous materials; and
- Installation of flood walls or shields, as applicable.

**Status:** On-going.

*Strategy H1.1.4:* Continuation of acquisition and demolition of FEMA-identified repetitive loss structures.

**Status:** On-going.

*Strategy H1.1.5:* Revise subdivision regulations to require provision for open space on land that is in the floodplain.

**Status:** On-going.

*Strategy H1.1.6:* Continue and expand the intergovernmental agreement process between the county and municipalities in order to provide floodplain management by a certified floodplain manager.

**Status:** On-going.

*Strategy H1.1.7:* Design and implement a countywide housing rehab program which addresses code violations, elevation, and flooding.

**Status:** On-going.

**Goal H2: Reduce damage in Clarksburg due to severe winter storms.**

*Objective H2.1:* Minimize future damage due to severe winter storms.

*Strategy H2.1.1:* Adopt and enforce the state building code.

**Status:** On-going.

**Goal H3: Reduce damage in Clarksburg due to wind storms, thunderstorms, hailstorms, and tornadoes.**

*Objective H3.1:* Minimize damage due to wind storms, thunderstorms, hailstorms, and tornadoes.

*Strategy H3.1.1:* Adopt and enforce the state building code.

**Status:** On-going.

**Goal H4: Reduce damage in Clarksburg due to fires.**

*Objective H4.1:* Minimize damage due to fires.

*Strategy H4.1.1:* Establish a county fire board in order to provide a mechanism for county residents to obtain fire hydrants and other fire suppression tools.

**Status:** On-going.

**Goal H5: Improve delivery of services during any emergency or catastrophic event.**

*Objective H5.1:* Minimize damage improving delivery of services during any emergency or catastrophic event.

*Strategy H5.1.1:* Continue and expand the intergovernmental agreement process between the county, municipalities, and other public agencies to encourage cooperation, to eliminate duplication of duties to provide cost-effective services to citizens.

**Status:** On-going.

DODDRIDGE COUNTY

**Goal I1: Protect Doddridge County's agricultural assets and local water supply from the negative effects of drought.**

*Objective I1.1:* Increase public awareness as to the effects of drought, as well as the ramifications of a drought to the public water supply.

*Strategy I1.1.1:* Develop an informational brochure to distribute to local residents and/or schedule public hearing stating where to obtain rain gauge information.

**Status:** Completed.

*Objective I1.2:* Upgrade and extend local public infrastructure.

*Strategy I1.2.1:* Extend public water and sewer service to communities currently without service.

**Status:** On-going.

## **Goal I2: Reduce the potential effects of earthquakes in Doddridge County.**

*Objective I2.1:* Educate the public as to the potential for earthquakes in West Virginia, specifically Doddridge County.

*Strategy I2.1.1:* Develop an informational brochure explaining the potential for earthquakes, as well as the potential damages from those earthquakes. The brochure should include information pertaining to measures to take to safe-proof homes and other structures from the potential effects of earthquakes.

**Status:** On-going.

*Strategy I2.1.2:* Encourage the implementation of structural mitigation techniques such as wall bracing, reinforcing walls with fiber materials, the installation of dampers or vibration isolation bearings in new construction.

**Status:** On-going.

## **Goal I3: Reduce the negative effects of flooding in Doddridge County.**

*Objective I3.1:* Minimize future flood damage throughout Doddridge County by increasing control over development in the floodplain.

*Strategy I3.1.1:* Instate a countywide permitting process, which will require residents and/or developers to file a permit with the county before beginning any new construction as a means of regulating floodplain development.

**Status:** On-going.

*Objective I3.2:* Lessen flood damage by preserving the natural course of waterways, and conducting structural projects.

*Strategy I3.2.1:* Clean portions of Middle Island Creek and its floodplain, clearing log jams, trees and shrubs, and sediment bars.

**Status:** On-going.

*Objective 13.3:* Develop, implement, or strengthen regulatory requirements to lessen flood damage.

*Strategy 13.3.1:* Conduct acquisition and/or relocation projects in frequently flooded portions of the county.

**Status:** On-going.

*Strategy 13.3.2:* Participate in the Community Rating System (CRS), and join the NFIP to reduce flood insurance rates.

**Status:** Completed and on-going.

<p><b>Goal 14: Lessen hail damage to property and agriculture assets in Doddridge County.</b></p>
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*Objective 14.1:* Provide local residents with advanced warning of impending hailstorms.

*Strategy 14.1.1:* Coordinate efforts with the local media to post advance warnings of hailstorms.

**Status:** On-going.

*Strategy 14.1.2:* Encourage the use of NOAA weather radios among residents that continuously broadcast NWS forecasts and provide direct warnings to the public for natural, technological, and man-made hazards.

**Status:** On-going.

*Objective 14.2:* Minimize damage to public and private structures as a result of hailstorms.

*Strategy 14.2.1:* Encourage the use of laminated glass in window panes during all new construction.

**Status:** On-going.

**Goal I5: Protect Doddridge County’s population and critical assets from landslides.**

*Objective I5.1:* Minimize future damage from landslides throughout Doddridge County by increasing control over construction activities.

*Strategy I5.1.1:* Reduce the amount of landslides in Doddridge County by monitoring clear-cutting operations.

**Status:** On-going.

*Strategy I5.1.2:* Decrease the number of landslide occurrences around oil and gas wells by monitoring the location of the wells and drilling practices.

**Status:** On-going.

*Objective I5.2:* Reduce future damage to county infrastructure (mainly roads) due to landslides.

*Strategy I5.2.1:* Strategically place stabilization walls in slip-prone areas along county highways.

**Status:** On-going.

*Strategy I5.2.2:* Reduce the amount of debris on roadways resulting from landslides by erecting safety fences along highways near slip-prone areas.

**Status:** On-going.

**Goal I6: Eliminate damage from severe thunderstorms in Doddridge County.**

*Objective I6.1:* Increase public awareness that a severe thunderstorm is imminent.

*Strategy I6.1.1:* Coordinate with the NWS to warn residents of impending severe thunderstorm conditions.

**Status:** Completed and on-going.

*Strategy 16.1.2:* Encourage the use of NOAA Weather Radios among residents that continuously broadcast NWS forecasts and provide direct warnings to the public.

**Status:** Completed.

*Strategy 16.1.3:* Encourage authorized individuals to use the Emergency Alert System (EAS) on commercial radio, television, and cable systems to send out emergency information targeted to specific areas.

**Status:** Completed and on-going.

*Strategy 16.1.4:* Ensure that surge protection, such as surge protectors and grounding, has been installed on all critical electronic equipment owned by county government.

**Status:** Completed.

*Objective 16.2:* Decrease the probability of utility failures as a direct result of severe thunderstorms.

*Strategy 16.2.1:* Coordinate with the power company to periodically trim trees near power lines to prevent limb breakage and power failures.

**Status:** On-going.

<p><b>Goal 17: Reduce damage from severe wind and tornadoes in Doddridge County.</b></p>
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*Objective 17.1:* Increase public awareness that severe wind and tornadoes are imminent.

*Strategy 17.1.1:* Coordinate with the National Weather Service and local media to warn residents of impending severe winds and possible tornado conditions.

**Status:** Completed and on-going.

*Objective 17.2:* Minimize future damage from severe wind or tornadoes throughout Doddridge County by increasing control over construction activities.

*Strategy 17.2.1:* Reduce the risk of mobile home damage by suggesting the use of tie-downs with ground anchors appropriate for the soil type.

**Status:** On-going.

*Objective 17.3:* Conduct an inventory of available disaster shelters within Doddridge County.

*Strategy 17.3.1:* Assess the number, location, strength, and ability of shelters to house residents and withstand high wind speeds. Consider constructing concrete safe rooms near mobile home parks, and other vulnerable public areas.

**Status:** On-going.

<p><b>Goal 18: Reduce the negative effects of winter storms in Doddridge County.</b></p>
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*Objective 18.1:* Minimize future damage from severe winter storms throughout Doddridge County by increasing response capabilities.

*Strategy 18.1.1:* Coordinate with local private contractors to develop mutual aid agreements for emergency snow removal.

**Status:** Completed and on-going.

*Objective 18.2:* Educate the general public on proper procedures to take to prepare for a winter storm.

*Strategy 18.2.1:* Publish an informational brochure to distribute to the public describing the proper steps and procedures to carry out in the event of a winter storm.

**Status:** Completed.

**Goal I9: Protect Doddridge County's population from a heat wave.**

*Objective I9.1:* Increase the general public's knowledge of protective measures to take during a heat wave.

*Strategy I9.1.1:* Develop and distribute an informational brochure to distribute to local residents.

**Status:** On-going.

**Goal I10: Protect Doddridge County's population and forests from wildfires.**

*Objective I10.1:* Educate the public on how to avoid starting wildfires.

*Strategy I10.1.1:* Distribute information concerning the leading causes of wildfires and steps the general public can take to avoid starting wildfires.

**Status:** Completed and on-going.

*Strategy I10.1.2:* Encourage residents in rural areas to inspect and clean their chimneys at least once a year.

**Status:** On-going.

*Strategy I10.1.3:* Encourage residents and businesses to maintain their property in or near forested areas (including short grass; thinned trees and removal of low hanging branches, cleaning of dead or dry leaves, needles, twigs, etc.), and to create a buffer zone (defensible space) between structures and adjacent forests.

**Status:** On-going.

FAIRMONT, CITY OF

**Goal J1: Lessen flood-related losses.**

*Objective J1.1:* Minimize future flood damage throughout the City of Fairmont by increasing control over development in the floodplain.

*Strategy J1.1.1:* Use municipal regulations as models to develop a countywide permitting process to supplement the measures taken by lending institutions to monitor new construction in the floodplain.

**Status:** On-going.

*Strategy J1.1.2:* Update countywide zoning ordinance in accordance with updated information from flood zone mapping to regulate the type of development that occurs in the floodplain.

**Status:** Completed.

*Objective J1.2:* Increase public awareness of impending floods.

*Strategy J1.2.1:* Continue to educate faculty and staff at schools on NOAA radio usage.

**Status:** On-going.

*Objective J1.3:* Determine what projects can be implemented to reduce the vulnerability of the county in the event of a dam breachment.

*Strategy J1.3.1:* Coordinate with the Soil Conservation Service to continue updating the map showing areas that would be affected by a dam failure.

**Status:** On-going.

**Goal J2: Reduce the negative effects of severe winter storms in the City of Fairmont.**

*Objective J2.1:* Streamline snow removal processes to better serve city residents.

*Strategy J2.1.1:* Update resource list of contracts with snow removal agencies.

**Status:** On-going.

**Goal J3: Generally lesson the effects of disasters in the City of Fairmont.**

*Objective J3.1:* Undertake general mitigation projects to address a variety of hazards.

*Strategy J3.1.1:* Identify and make all private sector resources available in concert with the Local Emergency Planning Committee (LEPC) Resource Manual.

**Status:** On-going.

*Strategy J3.1.2:* Utilize Reverse 911 to help in the notification of the general public.

**Status:** Completed.

*Strategy J3.1.3:* Undertake additional planning efforts to measure Fairmont's susceptibility to technological and man-made hazards.

**Status:** On-going.

FAIRVIEW, TOWN OF

**Goal K1: Lessen flood-related losses.**

*Objective K1.1:* Minimize future flood damage throughout Fairview by increasing control over development in the floodplain.

*Strategy K1.1.1:* Use municipal regulations as models to develop a countywide permitting process to supplement the measures taken by lending institutions to monitor new construction in the floodplain.

**Status:** On-going.

*Strategy K1.1.2:* Update countywide zoning ordinance in accordance with updated information from flood zone mapping to regulate the type of development that occurs in the floodplain.

**Status:** Completed.

*Objective K1.2:* Increase public awareness of impending floods

*Strategy K1.2.1:* Continue to educate faculty and staff at schools on NOAA radio usage.

**Status:** On-going.

*Objective: K1.3:* Determine what projects can be implemented to reduce the vulnerability of the county in the event of a dam breachment.

*Strategy K1.3.1:* Coordinate with the Soil Conservation Service to continue updating the map showing areas that would be affected by a dam failure.

**Status:** On-going.

**Goal K2: Reduce the negative effects of severe winter storms in The Town of Fairview.**

*Objective K2.1:* Streamline snow removal processes to better serve county residents.

*Strategy K 2.1.1:* Update resource list of contracts with snow removal agencies.

**Status:** On-going.

**Goal K3: Reduce the negative effects of landslides in Fairview.**

*Objective K3.1:* Develop more effective response mechanisms when landslides occur.

*Strategy K3.1.1:* Establish procedures with companies to clean up material from a landslide quickly and to monitor areas of high risk.

**Status:** On-going.

**Goal K4: Lessen the effects of severe thunderstorms in Fairview.**

*Objective K4.1:* Increase public awareness that a severe thunderstorm is imminent

*Strategy K4:1.1:* Continue to coordinate with the National Weather Service in Pittsburgh, Pennsylvania to warn residents of impending severe thunderstorm conditions.

**Status:** Completed and on-going.

*Strategy K4.1.2:* Continue to monitor and maintain the three (3) rain gauges installed at strategic points throughout the county. Use these gauges in conjunction with the new weather station to monitor current and developing weather incidents.

**Status:** On-going.

**Goal K5: Reduce the negative effects of drought on Fairview.**

*Objective K5.1:* Upgrade or extend public infrastructure systems throughout Marion County.

*Strategy K5.1.1:* Extend public water service to communities currently without service.

**Status:** Deleted.

*Strategy K5.1.2:* Develop plans and schedules with the Department of Agriculture to haul water to residents during drought conditions.

**Status:** On-going.

**Goal K6: Generally lesson the effects of disasters in Fairview.**

*Objective K6.1:* Undertake general mitigation projects to address a variety of hazards.

*Strategy K6.1.1:* Equip shelter facilities to provide back-up power.

**Status:** On-going.

*Strategy K6.1.2:* Maintain and update the early warning systems that are in place throughout the county.

**Status:** On-going.

*Strategy K6.1.3:* Undertake additional planning efforts to measure Marion County's susceptibility to technological and man-made hazards.

**Status:** On-going.

FARMINGTON, TOWN OF

**Goal L1: Lessen flood-related losses.**

*Objective L1.1:* Minimize future flood damage throughout Farmington by increasing control over development in the floodplain.

*Strategy L1.1.1:* Use municipal regulations as models to develop a countywide permitting process to supplement the measures taken by lending institutions to monitor new construction in the floodplain.

**Status:** On-going.

*Strategy L1.1.2:* Update countywide zoning ordinance in accordance with updated information from flood zone mapping to regulate the type of development that occurs in the floodplain.

**Status:** Completed.

*Objective L1.2:* Increase public awareness of impending floods

*Strategy L1.2.1:* Continue to educate faculty and staff at schools on NOAA radio usage.

**Status:** On-going.

*Objective L1.3:* Determine what projects can be implemented to reduce the vulnerability of the county in the event of a dam breachment.

*Strategy L1.3.1:* Coordinate with the Soil Conservation Service to continue updating the map showing areas that would be affected by a dam failure.

**Status:** On-going.

**Goal L2: Reduce the negative effects of severe winter storms in The Town of Farmington.**

*Objective L2.1:* Streamline snow removal processes to better serve county residents.

*Strategy L2.1.1:* Update resource list of contracts with snow removal agencies.

**Status:** On-going.

**Goal L3: Reduce the negative effects of landslides in Farmington.**

*Objective L3.1:* Develop more effective response mechanisms when landslides occur.

*Strategy L3.1.1:* Establish procedures with companies to clean up material from a landslide quickly and to monitor areas of high risk.

**Status:** On-going.

**Goal L4: Lessen the effects of severe thunderstorms in Farmington.**

*Objective L4.1:* Increase public awareness that a severe thunderstorm is imminent

*Strategy L4.1.1:* Continue to coordinate with the National Weather Service in Pittsburgh, Pennsylvania to warn residents of impending severe thunderstorm conditions.

**Status:** Completed and on-going.

*Strategy L4.1.2:* Continue to monitor and maintain the three (3) rain gauges installed at strategic points throughout the county. Use these gauges in conjunction with the new weather station to monitor current and developing weather incidents.

**Status:** On-going.

**Goal L5: Reduce the negative effects of drought on Farmington.**

*Objective L5.1:* Upgrade or extend public infrastructure systems throughout Marion County.

*Strategy L5.1.1:* Extend public water service to communities currently without service.

**Status:** Deleted.

*Strategy L5.1.2:* Develop plans and schedules with the Department of Agriculture to haul water to residents during drought conditions.

**Status:** On-going.

**Goal L6: Generally lesson the effects of disasters in Farmington.**

*Objective L6.1:* Undertake general mitigation projects to address a variety of hazards.

*Strategy L6.1.1:* Equip shelter facilities to provide back-up power.

**Status:** On-going.

*Strategy L6.1.2:* Maintain and update the early warning systems that are in place throughout the county.

**Status:** On-going.

*Strategy L6.1.3:* Undertake additional planning efforts to measure Marion County's susceptibility to technological and man-made hazards.

**Status:** On-going.

FLEMINGTON, TOWN OF

**Goal M1: Reduce the negative effects of flooding in the Town of Flemington.**

*Objective M1.1:* Minimize future flood damage in municipal areas through effective storm water management.

*Strategy M1.1.1:* Develop stringent storm water management codes for future development.

**Status:** Completed.

*Strategy M1.1.2:* Develop and conduct acquisition and relocation projects.

**Status:** On-going.

*Strategy M1.1.3:* Collect updated information of the number and location of all repetitive loss properties throughout the Town of Flemington.

**Status:** New.

GRAFTON, CITY OF

**Goal N1: Protect the general public and school systems of Grafton from bomb threats.**

*Objective N1.1:* Develop personal protection measures for students and faculty at Grafton High School.

*Strategy N1.1.1:* Encourage schools to instate and/or update procedural and evacuation plans in the event of a bomb threat.

**Status:** Completed and on-going.

**Goal N2: Lessen the potential damages as a result of a dam failure in the City of Grafton.**

*Objective N2.1:* Regulate development in the dam's hydraulic shadow.

*Strategy N2.1.1:* Identify the areas of the City of Grafton that would be severely flooded in the event of a severe failure of the Tygart Lake Dam, and develop zoning regulations that disallow future development in those areas.

**Status:** New.

**Goal N3: Reduce the negative effects of flooding in the City of Grafton.**

*Objective N3.1:* Minimize future flood damage in municipal areas through effective storm water management.

*Strategy N3.1.1:* Develop stringent storm water management codes for future development.

**Status:** Completed.

*Strategy N3.1.2:* Develop and conduct acquisition and relocation projects.

**Status:** On-going.

**Goal N4: Take measures to lessen the probability and severity of hazardous materials incidents in the City of Grafton.**

*Objective N4.1:* Identify all hazardous materials contained in the City of Grafton, as well as the hazardous materials that are being transported through the city.

*Strategy N4.1.1:* Coordinate with the railroad authority to inventory the hazardous materials that are transported through the City of Grafton by rail.

**Status:** This strategy has been completed, and is expected to be updated at least every five (5) years.

GRANT TOWN, TOWN OF

**Goal O1: Lessen flood-related losses.**

*Objective O1.1:* Minimize future flood damage throughout Grant Town by increasing control over development in the floodplain.

*Strategy O1.1.1:* Use municipal regulations as models to develop a countywide permitting process to supplement the measures taken by lending institutions to monitor new construction in the floodplain.

**Status:** On-going.

*Strategy O1.1.2:* Update countywide zoning ordinance in accordance with updated information from flood zone mapping to regulate the type of development that occurs in the floodplain.

**Status:** Completed.

*Objective O1.2:* Increase public awareness of impending floods

*Strategy O1.2.1:* Continue to educate faculty and staff at schools on NOAA radio usage.

**Status:** On-going.

*Objective O1.3:* Determine what projects can be implemented to reduce the vulnerability of the county in the event of a dam breachment.

*Strategy O1.3.1:* Coordinate with the Soil Conservation Service to continue updating the map showing areas that would be affected by a dam failure.

**Status:** On-going.

**Goal O2: Reduce the negative effects of severe winter storms in The Town of Grant Town.**

*Objective O2.1:* Streamline snow removal processes to better serve county residents.

*Strategy O2.1.1:* Update resource list of contracts with snow removal agencies.

**Status:** On-going.

**Goal O3: Reduce the negative effects of landslides in Grant Town.**

*Objective O3.1:* Develop more effective response mechanisms when landslides occur.

*Strategy O3.1.1:* Establish procedures with companies to clean up material from a landslide quickly and to monitor areas of high risk.

**Status:** On-going.

**Goal O4: Lessen the effects of severe thunderstorms in Grant Town.**

*Objective O4.1:* Increase public awareness that a severe thunderstorm is imminent

*Strategy O4.1.1:* Continue to coordinate with the National Weather Service in Pittsburgh, Pennsylvania to warn residents of impending severe thunderstorm conditions.

**Status:** Completed and on-going.

*Strategy O4.1.2:* Continue to monitor and maintain the three (3) rain gauges installed at strategic points throughout the county. Use these gauges in conjunction with the new weather station to monitor current and developing weather incidents.

**Status:** On-going.

**Goal O5: Reduce the negative effects of drought on Grant Town.**

*Objective O5.1:* Upgrade or extend public infrastructure systems throughout Marion County.

*Strategy O5.1.1:* Extend public water service to communities currently without service.

**Status:** Deleted.

*Strategy O5.1.2:* Develop plans and schedules with the Department of Agriculture to haul water to residents during drought conditions.

**Status:** On-going.

**Goal O6: Generally lesson the effects of disasters in Grant Town.**

*Objective O6.1:* Undertake general mitigation projects to address a variety of hazards.

*Strategy O6.1.1:* Equip shelter facilities to provide back-up power.

**Status:** On-going.

*Strategy O6.1.2:* Maintain and update the early warning systems that are in place throughout the county.

**Status:** On-going.

*Strategy O6.1.3:* Undertake additional planning efforts to measure Marion County's susceptibility to technological and man-made hazards.

**Status:** On-going.

GRANVILLE, TOWN OF

**Goal P1: Lessen the negative effects of a drought.**

*Objective P1.1:* Ensure that residents understand the drought hazard and how to mitigate it.

*Strategy P1.1.1:* Develop an informational brochure to distribute to local farmers and residents.

**Status:** Completed.

*Strategy P1.1.2:* Educate local residents on the benefits of conserving water at all times, not just during a drought.

**Status:** Completed and on-going.

**Goal P2: Mitigate potential damage from minor earthquakes.**

*Objective P2.1:* Ensure that residents understand the earthquake risk in Monongalia County.

*Strategy P2.1.1:* Develop an informational brochure explaining the potential for earthquakes as well as the potential damages from those earthquakes. The brochure should include information on measures to take to safe-proof homes and other structures from the potential effects of earthquakes.

**Status:** Completed and on-going.

**Goal P3: Proactively mitigate the potential damage from land subsidence throughout the county.**

*Objective P3.1:* Consider revising codes and other ordinances to protect future assets from land subsidence.

*Strategy P3.1.1:* Educate the public as to the benefits of building codes and overall community and land use planning as well as advantages to mitigation planning.

**Status:** Completed and on-going.

*Strategy P3.1.2:* Strictly enforce ground disturbance permitting regulations, such as new MS4 requirements, in municipal and county jurisdictions.

**Status:** On-going.

*Objective P3.2:* Undertake projects to sure up areas susceptible to slippage and/or erosion.

*Strategy P3.2.1:* Undertake active re-vegetation and other storm water programs to cover areas of bare ground that may be susceptible to erosion.

**Status:** Completed and on-going.

### **Goal P4: Prepare for potential epidemic situations.**

*Objective P4.1:* Undertake planning projects to protect the county's population from epidemic and pandemic situations.

*Strategy P4.1.1:* Produce public awareness campaigns via various local media outlets.

**Status:** Completed and on-going.

### **Goal P5: Lessen damage from hail events.**

*Objective P5.1:* Provide adequate warning of storm events.

*Strategy P5.1.1:* Coordinate efforts with local media to post advance warnings of hailstorms.

**Status:** Completed and on-going.

### **Goal P6: Lessen damage from thunderstorm events.**

*Objective P6.1:* Provide adequate warning of storm events.

*Strategy P6.1.1:* Coordinate with the National Weather Service (NWS) in Pittsburgh, Pennsylvania to warn residents of impending severe thunderstorm conditions.

**Status:** Completed and on-going.

**Goal P7: Lessen the negative impacts of severe wind and tornadoes.**

*Objective P7.1:* Provide adequate warning of storm events.

*Strategy P7.1.1:* Coordinate with the NWS in Pittsburgh, Pennsylvania to warn residents of impending severe wind and possible tornado conditions.

**Status:** Completed and on-going.

*Objective P7.2:* Educate residents on the extent of the severe wind risk in Monongalia County.

*Strategy P7.2.1:* Develop an informational brochure to distribute to local residents.

**Status:** Completed.

**Goal P8: Lessen damage from winter storms.**

*Objective P8.1:* Ensure adequate emergency services to protect the population of the county during winter storm events.

*Strategy P8.1.1:* Continue outfitting and preparing the winter rescue team to ensure that emergency responders can access all parts of the county.

**Status:** On-going.

**Goal P9: Continue to strengthen response capabilities to urban fires and wildfires.**

*Objective P9.1:* Educate the public on the fire risk, to include avoidance measures.

*Strategy P9.1.1:* Distribute information concerning the leading causes of wildfires and steps the general public can take to avoid starting wildfires.

**Status:** Completed and on-going.

*Objective P9.2:* Increase the number of training opportunities aimed at increasing participating jurisdictions' capability to respond to fire incidents.

*Strategy P9.2.1:* Continue to train and organize local fire service personnel to assist in the investigation of structural fires and the citation of code violations through a certification program made available to local fire chiefs.

**Status:** On-going.

*Strategy P9.2.2:* Coordinate with the WVSMF to extend the jurisdiction of deputized fire marshals to a statewide jurisdiction.

**Status:** On-going.

*Strategy P9.2.3:* Certify police departments, who have arrest powers, to handle arson investigations in place of fire departments, who do not have arrest powers (include a modified version of the State Police Academy to provide such training).

**Status:** On-going.

*Objective P9.3:* Undertake public awareness campaigns to strengthen the participating jurisdictions' capabilities to respond to fire events.

*Strategy P9.3.1:* Facilitate public awareness campaigns aimed at recruiting more volunteers at volunteer fire departments.

**Status:** Completed and on-going.

*Strategy P9.3.2:* Continue public awareness campaigns in schools, etc.

**Status:** Completed and on-going.

<p><b>Goal P10: Lesson the negative effects of utility failures such as communications, electricity, natural gas, water, and wastewater service failures.</b></p>
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*Objective: P10.1:* Coordinate with utility providers to facilitate a better emergency response capability.

*Strategy P10.1.1:* Encourage Allegheny Power to undertake projects to increase the number of feeder lines into rural areas so as to create back-up electricity in the event that one of the feeder lines fails.

**Status:** On-going.

*Strategy P10.1.2:* Encourage Allegheny Power to allow employees to take company vehicles home to be available for emergency call-outs in the event of a downed electric line. These actions will free-up local emergency responders who normally monitor the downed line.

**Status:** On-going.

*Objective P10.2:* Educate the community as to steps that can be taken to prevent long-term utility failures.

*Strategy P10.2.1:* Encourage representatives from the county's assets (e.g. company leaders, etc.) to draft and distribute guidelines to implement in the event of an HVAC failure.

**Status:** Completed and on-going.

*Objective P10.3:* Create a local capability to enable community assets to prevent utility failures.

*Strategy P10.3.1:* Instate a grant or low-interest loan program to help individual residents finance generators and other back-up electricity systems.

**Status:** On-going.

<p><b>Goal P11: Prolong resource availability for as long as possible during emergencies.</b></p>
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*Objective P11.1:* Educate the public regarding the potential for resource shortages; also, develop a notification capability to warn residents of shrinking resource supplies.

*Strategy P11.1.1:* Coordinate with local media to announce low resource supplies.

**Status:** Completed and on-going.

*Strategy P11.1.2:* Coordinate with local media to announce low fuel supplies.

**Status:** Completed and on-going.

*Strategy P11.1.3:* Increase public knowledge as to resource conservation by distributing information to new and existing customers.

**Status:** Completed and on-going.

<b>Goal P12: Prevent hazardous material incidents.</b>
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*Objective P12.1:* Identify potential problem areas within the transportation networks of Monongalia County.

*Strategy P12.1.1:* Assess the feasibility of cleaning up busy intersections.

**Status:** Completed and on-going.

*Strategy P12.1.2:* Evaluate railroad and roadway intersections for warning systems, etc.

**Status:** Completed and on-going.

*Strategy P12.1.3:* Evaluate dams and locks that plan an integral role in water transportation.

**Status:** Completed and on-going.

*Objective P12.2:* Ensure that the public is both aware of the hazardous material risk and potential protective measures.

*Strategy P12.2.1:* Publicize evacuation plans.

**Status:** Completed and on-going.

*Strategy P12.2.2:* Facilitate the creation of safe zones as places where residents can go in the event of a hazardous material incident. Further, publicize the location and access to these safe zones.

**Status:** Completed and on-going.

**Goal P13: Prevent acts of terrorism.**

*Objective P13.1:* Protect vulnerable populations from terrorist acts.

*Strategy P13.1.1:* Encourage schools to adopt and/or upgrade procedural and evacuation plans in the event of a bomb threat.

**Status:** Completed and on-going.

*Objective P13.2:* Undertake planning projects to build a response capability to terrorist incidents.

*Strategy P13.2.1:* Encourage county assets to instate and/or update procedural and evacuation plans in the event of a bomb threat.

**Status:** Completed.

*Strategy P13.2.2:* Establish trauma centers to offer medical attention and counseling to affected populations in the event of a bomb explosion.

**Status:** Completed and on-going.

*Objective P13.3:* Educate the public regarding preparedness for acts of terrorism.

*Strategy P13.3.1:* Increase the knowledge of the general public concerning preparedness through the preparation of informational brochures, town meetings, training seminars, etc.

**Status:** Completed and on-going.

*Objective P13.4:* Plan for the emotional and psychological needs of the population during and following terrorist incidents.

*Strategy P13.4.1:* Establish trauma centers to offer medical attention and counseling to affected populations in the event of a terrorist event.

**Status:** Completed and on-going.

*Objective P13.5:* Facilitate agency collaboration to better prepare for terrorist incidents.

*Strategy P13.5.1:* Coordinate with first responders for interagency cooperation to assist in collaborative planning.

**Status:** Completed and on-going.

*Strategy P13.5.2:* Continue education and training efforts of first responders and emergency personnel.

**Status:** Completed and on-going.

## HARRISON COUNTY

<b>Goal Q1: Reduce flood damage in Harrison County.</b>
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*Objective Q1.1:* Minimize future damage due to flooding of the West Fork River, Elk Creek, Tenmile Creek, Simpson Creek, Limestone Run, and tributaries.

*Strategy Q1.1.1:* Amend floodplain ordinance for compliance with the NFIP regulations.

**Status:** On-going.

*Strategy Q1.1.2:* Establish procedure to amend ordinances as NFIP regulations change.

**Status:** On-going.

*Strategy Q1.1.3:* Establish a public education process for utilities, businesses, and residences regarding floodplain management, to include:

- Permit process;
- Elevation of existing and new residences above flood elevation;
- Elevation of existing and new electrical and mechanical devices above flood elevation;
- Storage of documents, personal objectives, and inventory above floodplain;
- Identification and relocation of stored hazardous materials; and
- Installation of flood walls or shields, as applicable.

**Status:** On-going.

*Strategy Q1.1.4:* Continuation of acquisition and demolition of FEMA-identified repetitive loss structures.

**Status:** On-going.

*Strategy Q1.1.5:* Encourage the preservation of land in the floodplain as passive recreation and open space.

**Status:** On-going.

*Strategy Q1.1.6:* Revise subdivision regulations to require provision for open space on land that is in the floodplain.

**Status:** On-going.

*Strategy Q1.1.7:* Work with public utilities to:

- Elevate vulnerable equipment where possible, and
- Fasten and seal manholes located in the floodplain.

**Status:** On-going.

*Strategy Q1.1.8:* Continue and expand the intergovernmental agreement process between the county and municipalities in order to provide floodplain management by a certified floodplain manager.

**Status:** On-going.

*Strategy Q1.1.9:* Develop and implement a countywide storm water management plan.

**Status:** On-going.

*Strategy Q1.1.10:* Design and implement a countywide housing rehab program which addresses code violations, elevation, and flooding.

**Status:** On-going.

*Strategy Q1.1.11:* Relocate the Wallace Fire Department to an area not in the floodplain.

**Status:** Deferred to current planning cycle.

*Strategy Q1.1.12:* Undertake further flood-proofing of the Bridgeport Fire Department.

**Status:** Deferred to Bridgeport.

*Strategy Q1.1.13:* Develop and implement a demolition program to address, in part, the demolition of substandard, repetitively-flooded structures.

**Status:** New.

## **Goal Q2: Reduce damage in Harrison County due to landslides.**

*Objective Q2.1:* Minimize future damage due to landslides.

*Strategy Q2.1.1:* Revise regulations for hillside development and landslide-prone areas in the Harrison County Subdivision regulations.

**Status:** On-going.

*Strategy Q2.1.2:* Analyze location of various utility towers and strengthen, as necessary.

**Status:** On-going.

*Strategy Q2.1.3:* Analyze location of water and gas lines and provide shut-off valves, as necessary.

**Status:** On-going.

## **Goal Q3: Reduce damage in Harrison County due to severe winter storms.**

*Objective Q3.1:* Minimize future damage due to severe winter storms.

*Strategy Q3.1.1:* Adopt and enforce the state building code.

**Status:** On-going.

*Strategy Q3.1.2:* Encourage the placement of utility lines underground for critical facilities.

**Status:** On-going.

*Strategy Q3.1.3:* Encourage tree trimming adjacent to utilities.

**Status:** On-going.

*Strategy Q3.1.4:* Inventory all human and physical resources of public utilities and other public agencies, which may be utilized or shared in emergencies.

**Status:** On-going.

<p><b>Goal Q4: Reduce damage in Harrison County due to wind storms, thunderstorms, hailstorms, and tornadoes.</b></p>
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*Objective Q4.1:* Minimize damage due to wind storms, thunderstorms, hailstorms, and tornadoes.

*Strategy Q4.1.1:* Adopt and enforce the state building code.

**Status:** On-going.

*Strategy Q4.1.2:* Develop public awareness program regarding shelters, the EAS, and retrofitting of existing buildings.

**Status:** On-going.

*Strategy Q4.1.3:* Identify and structurally analyze all buildings identified as shelters and strengthen as necessary.

**Status:** On-going.

*Strategy Q4.1.4:* Provide emergency back-up power to critical facilities, including television and radio stations.

**Status:** Completed.

**Goal Q5: Reduce damage in Harrison County due to fires.**

*Objective Q5.1:* Minimize damage due to fires.

*Strategy Q5.1.1:* Remove vegetation and combustible materials around structures.

**Status:** On-going.

*Strategy Q5.1.2:* Provide more than one (1) means of access into and out of a community.

**Status:** Deleted.

*Strategy Q5.1.3:* Provide fire roads to aid in firefighting.

**Status:** On-going.

*Strategy Q5.1.4:* Upgrade roofing with fire-resistant materials.

**Status:** On-going.

*Strategy Q5.1.5:* Adopt and enforce the state building code.

**Status:** On-going.

*Strategy Q5.1.6:* Establish a county fire board in order to provide a mechanism for county residents to obtain fire hydrants and other fire suppression tools.

**Status:** On-going.

**Goal Q6: Reduce damage in Harrison County due to dam failures.**

*Objective Q6.1:* Minimize damage in Harrison County due to dam failures.

*Strategy Q6.1.1:* Prepare annual updates of dam assessments in accordance with state law.

**Status:** Deferred to municipalities.

*Strategy Q6.1.2:* Explore state, federal, and private funding sources for dam rehabilitation.

**Status:** Deferred to municipalities.

**Goal Q7: Improve delivery of services during any emergency or catastrophic event.**

*Objective Q7.1:* Minimize damage improving delivery of services during any emergency or catastrophic event.

*Strategy Q7.1.1:* Improve and expand communication system for all required agencies.

**Status:** Completed.

*Strategy Q7.1.2:* Inventory of agencies, services, personnel, and equipment which is available for different types of events.

**Status:** On-going.

*Strategy Q7.1.3:* Develop a public education campaign regarding the EAS.

**Status:** On-going.

*Strategy Q7.1.4:* Continue and expand the intergovernmental agreement process between the county, municipalities, and other public agencies to encourage cooperation, to eliminate duplication of duties to provide cost-effective services to citizens.

**Status:** On-going.

KINGWOOD, CITY OF

**Goal R1: Reduce the potential for injury and loss of life as a result of severe wind and/or tornadoes in the City of Kingwood.**

*Objective R1.1:* Undertake structural projects to minimize the loss of life and number of injuries incurred during a tornado.

*Strategy R1.1.1:* Construct tornado shelters near vulnerable areas, such as mobile home parks.

**Status:** On-going.

**Goal R2: Reduce the negative effects of severe drought and water shortages in the City of Kingwood.**

*Objective R2.1:* Provide for an emergency backup power supply to the Kingwood water treatment plant.

*Strategy R2.1.1:* Purchase and permanently install two (2) generators at the Kingwood Water Treatment Plant.

**Status:** New.

**Goal R3: Increase security at critical facilities in the City of Kingwood**

*Objective R3.1:* Conduct structural projects to increase the security at the Kingwood water treatment plant.

*Strategy R3.1.1:* Construct a building over the clarifiers at the Kingwood water treatment plant.

**Status:** New.

LOST CREEK, TOWN OF

**Goal S1: Reduce flood damage in Lost Creek.**

*Objective S1.1:* Minimize future damage due to flooding.

*Strategy S1.1.1:* Amend floodplain ordinance for compliance with the NFIP regulations.

**Status:** On-going.

*Strategy S1.1.2:* Establish procedure to amend ordinances as NFIP regulations change.

**Status:** On-going.

*Strategy S1.1.3:* Establish a public education process for utilities, businesses, and residences regarding floodplain management, to include:

- Permit process;
- Elevation of existing and new residences above flood elevation;
- Elevation of existing and new electrical and mechanical devices above flood elevation;
- Storage of documents, personal objectives, and inventory above floodplain;
- Identification and relocation of stored hazardous materials; and
- Installation of flood walls or shields, as applicable.

**Status:** On-going.

*Strategy S1.1.4:* Continuation of acquisition and demolition of FEMA-identified repetitive loss structures.

**Status:** On-going.

*Strategy S1.1.5:* Revise subdivision regulations to require provision for open space on land that is in the floodplain.

**Status:** On-going.

*Strategy S1.1.6:* Continue and expand the intergovernmental agreement process between the county and municipalities in order to provide floodplain management by a certified floodplain manager.

**Status:** On-going.

*Strategy S1.1.7:* Design and implement a countywide housing rehab program which addresses code violations, elevation, and flooding.

**Status:** On-going.

**Goal S2: Reduce damage in Lost Creek due to severe winter storms.**

*Objective S2.1:* Minimize future damage due to severe winter storms.

*Strategy S2.1.1:* Adopt and enforce the state building code.

**Status:** On-going.

**Goal S3: Reduce damage in Lost Creek due to wind storms, thunderstorms, hailstorms, and tornadoes.**

*Objective S3.1:* Minimize damage due to wind storms, thunderstorms, hailstorms, and tornadoes.

*Strategy S3.1.1:* Adopt and enforce the state building code.

**Status:** On-going.

**Goal S4: Reduce damage in Lost Creek due to fires.**

*Objective S4.1:* Minimize damage due to fires.

*Strategy S4.1.1:* Establish a county fire board in order to provide a mechanism for county residents to obtain fire hydrants and other fire suppression tools.

**Status:** On-going.

**Goal S5: Improve delivery of services during any emergency or catastrophic event.**

*Objective S5.1:* Minimize damage improving delivery of services during any emergency or catastrophic event.

*Strategy S5.1.1:* Continue and expand the intergovernmental agreement process between the county, municipalities, and other public agencies to encourage cooperation, to eliminate duplication of duties to provide cost-effective services to citizens.

**Status:** On-going.

LUMBERPORT, TOWN OF

**Goal T1: Reduce flood damage in Lumberport.**

*Objective T1.1:* Minimize future damage due to flooding of the West Fork River and tributaries.

*Strategy T1.1.1:* Amend floodplain ordinance for compliance with the NFIP regulations.

**Status:** On-going.

*Strategy T1.1.2:* Establish procedures to amend ordinances as NFIP regulations change.

**Status:** On-going.

*Strategy T1.1.3:* Establish a public education process for utilities, businesses, and residences regarding floodplain management, to include:

- Permit process;
- Elevation of existing and new residences above flood elevation;
- Elevation of existing and new electrical and mechanical devices above flood elevation;
- Storage of documents, personal objectives, and inventory above floodplain;
- Identification and relocation of stored hazardous materials; and
- Installation of flood walls or shields, as applicable.

**Status:** On-going.

*Strategy T1.1.4:* Continuation of acquisition and demolition of FEMA-identified repetitive loss structures.

**Status:** On-going.

*Strategy T1.1.5:* Revise subdivision regulations to require provision for open space on land that is in the floodplain.

**Status:** On-going.

*Strategy T1.1.6:* Continue and expand the intergovernmental agreement process between the county and municipalities in order to provide floodplain management by a certified floodplain manager.

**Status:** On-going.

*Strategy T1.1.7:* Design and implement a countywide housing rehab program which addresses code violations, elevation, and flooding.

**Status:** On-going.

<p><b>Goal T2: Reduce damage in Lumberport due to severe winter storms.</b></p>
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*Objective T2.1:* Minimize future damage due to severe winter storms.

*Strategy T2.1.1:* Adopt and enforce the state building code.

**Status:** On-going.

**Goal T3: Reduce damage in Lumberport due to wind storms, thunderstorms, hailstorms, and tornadoes.**

*Objective T3.1:* Minimize damage due to wind storms, thunderstorms, hailstorms, and tornadoes.

*Strategy T3.1.1:* Adopt and enforce the state building code.

**Status:** On-going.

**Goal T4: Reduce damage in Lumberport due to fires.**

*Objective T4.1:* Minimize damage due to fires.

*Strategy T4.1.1:* Establish a county fire board in order to provide a mechanism for county residents to obtain fire hydrants and other fire suppression tools.

**Status:** On-going.

**Goal T5: Improve delivery of services during any emergency or catastrophic event.**

*Objective T5.1:* Minimize damage improving delivery of services during any emergency or catastrophic event.

*Strategy T5.1.1:* Continue and expand the intergovernmental agreement process between the county, municipalities, and other public agencies to encourage cooperation, to eliminate duplication of duties to provide cost-effective services to citizens.

**Status:** On-going.

MANNINGTON, CITY OF

**Goal U1: Lessen flood-related losses.**

*Objective U1.1:* Minimize future flood damage in municipal areas through effective storm water management.

*Strategy U1.1.1:* Develop stringent storm water management codes for future development, possibly including a storm water utility.

**Status:** On-going.

*Objective U1.2:* Minimize future flood damage throughout Mannington by increasing control over development in the floodplain.

*Strategy U1.2.1:* Use municipal regulations as models to develop a countywide permitting process to supplement the measures taken by lending institutions to monitor new construction in the floodplain.

**Status:** On-going.

*Strategy U1.2.2:* Update countywide zoning ordinance in accordance with updated information from flood zone mapping to regulate the type of development that occurs in the floodplain.

**Status:** Completed.

*Objective U1.3:* Increase public awareness of impending floods

*Strategy U1.3.1:* Continue to educate faculty and staff at schools on NOAA radio usage.

**Status:** On-going.

*Objective U1.4:* Determine what projects can be implemented to reduce the vulnerability of the county in the event of a dam breachment.

*Strategy U1.4.1:* Coordinate with the Soil Conservation Service to continue updating the map showing areas that would be affected by a dam failure.

**Status:** On-going.

**Goal U2: Reduce the negative effects of severe winter storms in The Town of Mannington.**

*Objective U2.1:* Streamline snow removal processes to better serve county residents.

*Strategy U2.1.1:* Update resource list of contracts with snow removal agencies.

**Status:** On-going.

**Goal U3: Reduce the negative effects of landslides in Mannington.**

*Objective U3.1:* Develop more effective response mechanisms when landslides occur.

*Strategy U3.1.1:* Establish procedures with companies to clean up material from a landslide quickly and to monitor areas of high risk.

**Status:** On-going.

*Strategy U3.2.2:* Undertake structural projects to correct slippage near Mannington on Bingamon Road.

**Status:** Completed.

**Goal U4: Lessen the effects of severe thunderstorms in Mannington.**

*Objective U4.1:* Increase public awareness that a severe thunderstorm is imminent

*Strategy U4.1.1:* Continue to coordinate with the National Weather Service in Pittsburgh, Pennsylvania to warn residents of impending severe thunderstorm conditions.

**Status:** Completed and on-going.

*Strategy U4.1.2:* Continue to monitor and maintain the three (3) rain gauges installed at strategic points throughout the county. Use these gauges in conjunction with the new weather station to monitor current and developing weather incidents.

**Status:** On-going.

**Goal U5: Reduce the negative effects of drought on  
Mannington.**

*Objective U5.1:* Upgrade or extend public infrastructure systems throughout Marion County.

*Strategy U5.1.1:* Extend public water service to communities currently without service.

**Status:** Deleted.

*Strategy U5.1.2:* Develop plans and schedules with the Department of Agriculture to haul water to residents during drought conditions.

**Status:** On-going.

**Goal U6: Generally lesson the effects of disasters in  
Mannington.**

*Objective U6.1:* Undertake general mitigation projects to address a variety of hazards.

*Strategy U6.1.1:* Equip shelter facilities to provide back-up power.

**Status:** On-going.

*Strategy U6.1.2:* Maintain and update the early warning systems that are in place throughout the county.

**Status:** On-going.

*Strategy U6.1.3:* Undertake additional planning efforts to measure Marion County's susceptibility to technological and man-made hazards.

**Status:** On-going.

MARION COUNTY

**Goal V1: Lessen flood-related losses.**

*Objective V1.1:* Minimize future flood damage in municipal areas through effective storm water management.

*Strategy V1.1.1:* Develop stringent storm water management codes for future development, possibly including a storm water utility.

**Status:** On-going.

*Objective V1.2:* Minimize future flood damage throughout Marion County by increasing control over development in the floodplain.

*Strategy V1.2.1:* Use municipal regulations as models to develop a countywide permitting process to supplement the measures taken by lending institutions to monitor new construction in the floodplain.

**Status:** Completed and on-going.

*Strategy V1.2.2:* Update countywide zoning ordinance in accordance with updated information from flood zone mapping to regulate the type of development that occurs in the floodplain.

**Status:** Completed.

*Objective V1.3:* Increase public awareness of impending floods.

*Strategy V1.3.1:* Continue to educate faculty and staff at schools on NOAA radio usage.

**Status:** On-going.

*Objective V1.4:* Determine what projects can be implemented to reduce the vulnerability of the county in the event of a dam breachment.

*Strategy V1.4.1:* Coordinate with the Soil Conservation Service to continue updating the map showing areas that would be affected by a dam failure.

**Status:** On-going.

**Goal V2: Reduce the negative effects of severe winter storms in Marion County.**

*Objective V2.1:* Streamline snow removal processes to better serve county residents.

*Strategy V2.1.1:* Update resource list of contracts with snow removal agencies.

**Status:** On-going.

**Goal V3: Reduce the negative effects of landslides in Marion County.**

*Objective V3.1:* Develop more effective response mechanisms when landslides occur.

*Strategy V3.1.1:* Establish procedures with companies to clean up material from a landslide quickly and to monitor areas of high risk.

**Status:** On-going.

*Objective V3.2:* Continue monitoring the slippage repairs along U.S. Route 250 near White Hall.

*Strategy V3.2.1:* Coordinate with the West Virginia Division of Highways (WVDOH) to monitor this slippage.

**Status:** On-going.

*Strategy V3.2.2:* Undertake structural projects to correct slippage near Mannington on Bingamon Road.

**Status:** Completed.

*Strategy V3.2.3:* Research measures such as retaining cables to prevent falling rock incidents along roadways.

**Status:** On-going.

**Goal V4: Reduce the occurrence and effects of highway incidents in Marion County.**

*Objective V4.1:* Increase public awareness of high risk areas along I-79.

*Strategy V4.1.1:* Research the possibility of lowering speed limits along accident-prone sections of I-79.

**Status:** On-going.

*Objective V4.2:* Improve emergency responder's ability to handle a wide variety of incidents.

*Strategy V4.2.1:* Make Hazmat training available for emergency services responders.

**Status:** Completed and on-going.

**Goal V5: Lessen the effects of severe thunderstorms in Marion County.**

*Objective V5.1:* Increase public awareness that a severe thunderstorm is imminent.

*Strategy V5.1.1:* Continue to coordinate with the National Weather Service in Pittsburgh, Pennsylvania to warn residents of impending severe thunderstorm conditions.

**Status:** Completed and on-going.

*Strategy V5.1.2:* Continue to monitor and maintain the three (3) rain gauges installed at strategic points throughout the county. Use these gauges in conjunction with the new weather station to monitor current and developing weather incidents.

**Status:** On-going.

**Goal V6: Reduce the negative effects of drought on Marion County.**

*Objective V6.1:* Upgrade or extend public infrastructure systems throughout Marion County.

*Strategy V6.1.1:* Extend public water service to communities currently without service.

**Status:** Deleted.

*Strategy V6.1.2:* Develop plans and schedules with the Department of Agriculture to haul water to residents during drought conditions.

**Status:** On-going.

**Goal V7: Lessen hail damage in Marion County.**

*Objective: V7.1:* Provide local residents with more advanced warning of impending hailstorms.

*Strategy V7.1.1:* Coordinate efforts with local media to post advance warnings of hailstorms.

**Status:** On-going

**Goal V8: Protect Marion County's populations and forests from wildfires.**

*Objective: V8.1:* Educate the public on how to avoid starting wildfires.

*Strategy V8.1.1:* Distribute information concerning the leading causes of wildfires and steps the general public can take to avoid starting wildfires.

**Status:** Completed and on-going

**Goal V9: Protect Marion County's population during a heat wave.**

*Objective V9.1:* Increase public knowledge of protective measures to take during a heat wave.

*Strategy V9.1.1:* Continue to distribute an informational brochure to local residents.

**Status:** On-going.

**Goal V10: Generally lesson the effects of disasters in Marion County.**

*Objective V10.1:* Undertake general mitigation projects to address a variety of hazards.

*Strategy V10.1.1:* Identify and make all private sector resources available in concert with the LEPC Resource Manual.

**Status:** Completed and on-going.

*Strategy V10.1.2:* Equip shelter facilities to provide back-up power.

**Status:** On-going.

*Strategy V10.1.3:* Maintain and update the early warning systems that are in place throughout the county.

**Status:** On-going.

*Strategy V10.1.4:* Utilize Reverse 9-1-1 to help in the notification of the general public.

**Status:** Completed.

*Strategy V10.1.5:* Integrate study data into the county website which illustrates different hazard areas throughout the county.

**Status:** Completed.

*Strategy V10.1.6:* Undertake additional planning efforts to measure Marion County's susceptibility to technological and man-made hazards.

**Status:** On-going.

MASONTOWN, TOWN OF

**Goal W1: Reduce the potential for significant flash flooding as a result of a dam failure in Masontown.**

*Objective W1.1:* Minimize the number of properties that could be affected by a dam failure.

*Strategy W1.1.1:* Regulate development in the hydraulic shadow (or areas where flooding would occur if there was a severe dam failure of the Masontown water supply dam.)

**Status:** On-going.

MONONGAH, TOWN OF

**Goal X1: Lessen flood-related losses.**

*Objective X1.1:* Minimize future flood damage throughout Marion County by increasing control over development in the floodplain.

*Strategy X1.1.1:* Use municipal regulations as models to develop a countywide permitting process to supplement the measures taken by lending institutions to monitor new construction in the floodplain.

**Status:** On-going.

*Strategy X1.1.2:* Update countywide zoning ordinance in accordance with updated information from flood zone mapping to regulate the type of development that occurs in the floodplain.

**Status:** Completed.

*Objective X1.2:* Increase public awareness of impending floods

*Strategy X1.2.1:* Continue to educate faculty and staff at schools on NOAA radio usage.

**Status:** On-going.

*Objective X1.3:* Determine what projects can be implemented to reduce the vulnerability of the county in the event of a dam breachment.

*Strategy X1.3.1:* Coordinate with the Soil Conservation Service to continue updating the map showing areas that would be affected by a dam failure.

**Status:** On-going.

### **Goal X2: Reduce the negative effects of severe winter storms in The Town of Monongah.**

*Objective X2.1:* Streamline snow removal processes to better serve county residents.

*Strategy X2.1.1:* Update resource list of contracts with snow removal agencies.

**Status:** On-going.

### **Goal X3: Reduce the negative effects of landslides in Monongah.**

*Objective X3.1:* Develop more effective response mechanisms when landslides occur.

*Strategy X3.1.1:* Establish procedures with companies to clean up material from a landslide quickly and to monitor areas of high risk.

**Status:** On-going.

### **Goal X4: Lessen the effects of severe thunderstorms in Monongah.**

*Objective X4.1:* Increase public awareness that a severe thunderstorm is imminent

*Strategy X4.1.1:* Continue to coordinate with the National Weather Service in Pittsburgh, Pennsylvania to warn residents of impending severe thunderstorm conditions.

**Status:** Completed and on-going.

*Strategy X4.1.2:* Continue to monitor and maintain the three (3) rain gauges installed at strategic points throughout the county. Use these gauges in conjunction with the new weather station to monitor current and developing weather incidents.

**Status:** On-going.

**Goal X5: Reduce the negative effects of drought on Monongah.**

*Objective X5.1:* Upgrade or extend public infrastructure systems throughout Marion County.

*Strategy X5.1.1:* Extend public water service to communities currently without service.

**Status:** Deleted.

*Strategy X5.1.2:* Develop plans and schedules with the Department of Agriculture to haul water to residents during drought conditions.

**Status:** On-going.

**Goal X6: Generally lesson the effects of disasters in Monongah.**

*Objective X6.1:* Undertake general mitigation projects to address a variety of hazards.

*Strategy X6.1.1:* Equip shelter facilities to provide back-up power.

**Status:** On-going.

*Strategy X6.1.2:* Maintain and update the early warning systems that are in place throughout the county.

**Status:** On-going.

*Strategy X6.1.3:* Undertake additional planning efforts to measure Marion County's susceptibility to technological and man-made hazards.

**Status:** On-going.

MONONGALIA COUNTY

**Goal Y1: Lessen the negative effects of a drought.**

*Objective Y1.1:* Ensure that residents understand the drought hazard and how to mitigate it.

*Strategy Y1.1.1:* Develop an informational brochure to distribute to local farmers and residents.

**Status:** Completed.

*Strategy Y1.1.2:* Educate local residents on the benefits of conserving water at all times, not just during a drought.

**Status:** Completed and on-going.

**Goal Y2: Mitigate potential damage from minor earthquakes.**

*Objective Y2.1:* Ensure that residents understand the earthquake risk in Monongalia County.

*Strategy Y2.1.1:* Develop an informational brochure explaining the potential for earthquakes as well as the potential damages from those earthquakes. The brochure should include information on measures to take to safe-proof homes and other structures from the potential effects of earthquakes.

**Status:** Completed and on-going.

**Goal Y3: Proactively mitigate the potential damage from land subsidence throughout the county.**

*Objective Y3.1:* Consider revising codes and other ordinances to protect future assets from land subsidence.

*Strategy Y3.1.1:* Instate countywide building codes and other general planning regulations (including land use planning), which will regulate the number of buildings and the materials used in buildings that are constructed in slide-prone areas.

**Status:** On-going.

*Strategy Y3.1.2:* Enforce existing building codes and planning regulations that are already in place.

**Status:** Completed.

*Strategy Y3.1.3:* Educate the public as to the benefits of building codes and overall community and land use planning as well as advantages to mitigation planning.

**Status:** Completed and on-going.

*Strategy Y3.1.4:* Strictly enforce ground disturbance permitting regulations, such as new MS4 requirements, in municipal and county jurisdictions.

**Status:** On-going.

*Objective Y3.2:* Undertake projects to sure up areas susceptible to slippage and/or erosion.

*Strategy Y3.2.1:* Undertake active re-vegetation and other storm water programs to cover areas of bare ground that may be susceptible to erosion.

**Status:** Completed and on-going.

*Strategy Y3.2.2:* Evaluate the viability of the retaining wall on Logan and Jefferson Streets in Morgantown's South Park.

**Status:** Unchanged.

<p><b>Goal Y4: Prepare for potential epidemic situations.</b></p>
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*Objective: Y4.1:* Undertake planning projects to protect the county's population from epidemic and pandemic situations.

*Strategy Y4.1.1:* Produce public awareness campaigns via various local media outlets.

**Status:** Completed and on-going.

**Goal Y5: Reduce the negative effects of flooding in Monongalia County.**

*Objective Y5.1:* Utilize floodplain ordinances, building codes, and other regulations to protect future assets from the flooding hazard.

*Strategy Y5.1.1:* Continue the development of storm water management codes for future development outside of the City of Morgantown, where such actions are underway.

**Status:** On-going.

*Strategy Y5.1.2:* Instate a countywide permitting process which will require residents and/or developers to file a permit with the county before being any new construction as a means of regulating floodplain development. Overall planning and subdivision regulations should also be included in this permitting process.

**Status:** Completed.

*Objective Y5.2:* Manage development in floodplains outside of municipal jurisdictions throughout the county.

*Strategy Y5.2.1:* Continue the implementation of countywide floodplain management.

**Status:** Completed and on-going.

*Objective Y5.3:* Further define the flood risk so that future mitigation projects can be as effective as possible.

*Strategy Y5.3.1:* Work with applicable agencies to facilitate studies in repeatedly flooded areas such as Dents Run, Burroughs Run, Dunkard, Sabraton, and areas along Decker's Creek.

**Status:** Completed and on-going.

*Strategy Y5.3.2:* Coordinate with appropriate agencies to locate and determine how many impoundments there are in the county.

**Status:** Completed.

## **Goal Y6: Lessen damage from hail events.**

*Objective Y6.1:* Provide adequate warning of storm events.

*Strategy Y6.1.1:* Coordinate efforts with local media to post advance warnings of hailstorms.

**Status:** Completed and on-going.

## **Goal Y7: Lessen damage from thunderstorm events.**

*Objective Y7.1:* Provide adequate warning of storm events.

*Strategy Y7.1.1:* Coordinate with the NWS in Pittsburgh, Pennsylvania to warn residents of impending severe thunderstorm conditions.

**Status:** Completed and on-going.

## **Goal Y8: Lessen the negative impacts of severe wind and tornadoes.**

*Objective Y8.1:* Provide adequate warning of storm events.

*Strategy Y8.1.1:* Coordinate with the NWS in Pittsburgh, Pennsylvania to warn residents of impending severe wind and possible tornado conditions.

**Status:** Completed and on-going.

*Objective Y8.2:* Utilize building codes to lessen future damage from severe wind events.

*Strategy Y8.2.1:* Instate countywide building codes which will regulate the materials used in buildings that are constructed with respect to design wind speeds.

**Status:** On-going.

*Objective Y8.3:* Educate residents on the extent of the severe wind risk in Monongalia County.

*Strategy Y8.3.1:* Develop an informational brochure to distribute to local residents.

**Status:** Completed.

**Goal Y9: Lessen damage from winter storms.**

*Objective Y9.1:* Utilize building codes and other ordinances to lessen damage from severe winter storms.

*Strategy Y9.1.1:* Institute countywide building codes and other general planning requirements, which will regulate the materials used in construction with respect to snow and ice weight.

**Status:** On-going.

*Strategy Y9.1.2:* Enforce existing building codes and planning requirements that are already in place.

**Status:** Completed and on-going.

*Objective Y9.2:* Ensure adequate emergency services to protect the population of the county during winter storm events.

*Strategy Y9.2.1:* Continue outfitting and preparing the winter rescue team to ensure that emergency responders can access all parts of the county.

**Status:** On-going.

**Goal Y10: Continue to strengthen response capabilities to urban fires and wildfires.**

*Objective Y10.1:* Educate the public on the fire risk, to include avoidance measures.

*Strategy Y10.1.1:* Distribute information concerning the leading causes of wildfires and steps the general public can take to avoid starting wildfires.

**Status:** Completed and on-going.

*Objective Y10.2:* Increase the number of training opportunities aimed at increasing participating jurisdictions' capability to respond to fire incidents.

*Strategy Y10.2.1:* Continue to train and organize local fire service personnel to assist in the investigation of structural fires and the citation of code violations through a certification program made available to local fire chiefs.

**Status:** On-going.

*Strategy Y10.2.2:* Coordinate with the WVSMF to extend the jurisdiction of deputized fire marshals to a statewide jurisdiction.

**Status:** On-going.

*Strategy Y10.2.3:* Certify police departments, who have arrest powers, to handle arson investigations in place of fire departments, who do not have arrest powers (include a modified version of the State Police Academy to provide such training).

**Status:** On-going.

*Objective Y10.3:* Ensure resources are in place to fight urban fires and wildfires.

*Strategy Y10.3.1:* Continue installing wet and dry hydrants in rural portions of the county.

**Status:** Completed and on-going.

*Strategy Y10.3.2:* Consider planning and subdivision regulations that will require certain levels of fire flow and potable water pressure as subdivisions are developed.

**Status:** Completed and on-going.

*Objective Y10.4:* Undertake public awareness campaigns to strengthen the participating jurisdictions' capabilities to respond to fire events.

*Strategy Y10.4.1:* Facilitate public awareness campaigns aimed at recruiting more volunteers at volunteer fire departments.

**Status:** Completed and on-going.

*Strategy Y10.4.2:* Hire additional firefighters at paid-staff fire departments.

**Status:** Completed and on-going.

*Strategy Y10.4.3:* Continue public awareness campaigns in schools, etc.

**Status:** Completed and on-going.

**Goal Y11: Lesson the negative effects of utility failures such as communications, electricity, natural gas, water, and wastewater service failures.**

*Objective Y11.1:* Coordinate with utility providers to facilitate a better emergency response capability.

*Strategy Y11.1.1:* Encourage Allegheny Power to undertake projects to increase the number of feeder lines into rural areas so as to create back-up electricity in the event that one of the feeder lines fails.

**Status:** On-going.

*Strategy Y11.1.2:* Encourage Allegheny Power to allow employees to take company vehicles home to be available for emergency call-outs in the event of a downed electric line. These actions will free-up local emergency responders who normally monitor the downed line.

**Status:** On-going.

*Objective Y11.2:* Educate the community as to steps that can be taken to prevent long-term utility failures.

*Strategy Y11.2.1:* Encourage representatives from the county's assets (e.g. company leaders, etc.) to draft and distribute guidelines to implement in the event of an HVAC failure.

**Status:** Completed and on-going.

*Objective Y11.3:* Create a local capability to enable community assets to prevent utility failures.

*Strategy Y11.3.1:* Instate a grant or low-interest loan program to help individual residents finance generators and other back-up electricity systems.

**Status:** On-going.

**Goal Y12: Prolong resource availability for as long as possible during emergencies.**

*Objective Y12.1:* Educate the public regarding the potential for resource shortages; also, develop a notification capability to warn residents of shrinking resource supplies.

*Strategy Y12.1.1:* Coordinate with local media to announce low resource supplies.

**Status:** Completed and on-going.

*Strategy Y12.1.2:* Coordinate with local media to announce low fuel supplies.

**Status:** Completed and on-going.

*Strategy Y12.1.3:* Increase public knowledge as to resource conservation by distributing information to new and existing customers.

**Status:** Completed and on-going.

**Goal Y13: Prevent civil disturbances.**

*Objective Y13.1:* Strengthen law enforcement presence at large gatherings.

*Strategy Y13.1.1:* Increase security at large gatherings, festivals, sporting events, etc. throughout the county and municipalities. Examples include events at Mylan Park, Mountain Fest, and events at West Virginia University (WVU).

**Status:** On-going.

**Goal Y14: Prevent hazardous material incidents.**

*Objective Y14.1:* Identify potential problem areas within the transportation networks of Monongalia County.

*Strategy Y14.1.1:* Assess the feasibility of cleaning up busy intersections.

**Status:** Completed and on-going.

*Strategy Y14.1.2:* Evaluate railroad and roadway intersections for warning systems, etc.

**Status:** Completed and on-going.

*Strategy Y14.1.3:* Evaluate dams and locks that plan an integral role in water transportation.

**Status:** Completed and on-going.

*Objective Y14.2:* Ensure that the public is both aware of the hazardous material risk and potential protective measures.

*Strategy Y14.2.1:* Publicize evacuation plans.

**Status:** Completed and on-going.

*Strategy Y14.2.2:* Facilitate the creation of safe zones as places where residents can go in the event of a hazardous material incident. Further, publicize the location and access to these safe zones.

**Status:** Completed and on-going.

<p><b>Goal Y15: Prevent acts of terrorism.</b></p>
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*Objective Y15.1:* Protect vulnerable populations from terrorist acts.

*Strategy Y15.1.1:* Encourage schools to adopt and/or upgrade procedural and evacuation plans in the event of a bomb threat.

**Status:** Completed and on-going.

*Objective Y15.2:* Undertake planning projects to build a response capability to terrorist incidents.

*Strategy Y15.2.1:* Encourage county assets to instate and/or update procedural and evacuation plans in the event of a bomb threat.

**Status:** Completed.

*Strategy Y15.2.2:* Establish trauma centers to offer medical attention and counseling to affected populations in the event of a bomb explosion.

**Status:** Completed and on-going.

*Strategy Y15.2.3:* Continue to enhance terrorist annexes in county Emergency Operations Plans (EOPs).

**Status:** Completed.

*Objective Y15.3:* Educate the public regarding preparedness for acts of terrorism.

*Strategy Y15.3.1:* Increase the knowledge of the general public concerning preparedness through the preparation of informational brochures, town meetings, training seminars, etc.

**Status:** Completed and on-going.

*Objective Y15.4:* Plan for the emotional and psychological needs of the population during and following terrorist incidents.

*Strategy Y15.4.1:* Establish trauma centers to offer medical attention and counseling to affected populations in the event of a terrorist event.

**Status:** Completed and on-going.

*Objective Y15.5:* Facilitate agency collaboration to better prepare for terrorist incidents.

*Strategy Y15.5.1:* Coordinate with first responders for interagency cooperation to assist in collaborative planning.

**Status:** Completed and on-going.

*Strategy Y15.5.2:* Continue education and training efforts of first responders and emergency personnel.

**Status:** Completed and on-going.

MORGANTOWN, CITY OF

**Goal Z1: Lessen the negative effects of a drought.**

*Objective Z1.1:* Ensure that residents understand the drought hazard and how to mitigate it.

*Strategy Z1.1.1:* Develop an informational brochure to distribute to local farmers and residents.

**Status:** Completed.

*Strategy Z1.1.2:* Educate local residents on the benefits of conserving water at all times, not just during a drought.

**Status:** Completed and on-going.

**Goal Z2: Mitigate potential damage from minor earthquakes.**

*Objective Z2.1:* Ensure that residents understand the earthquake risk in Monongalia County.

*Strategy Z2.1.1:* Develop an informational brochure explaining the potential for earthquakes as well as the potential damages from those earthquakes. The brochure should include information on measures to take to safe-proof homes and other structures from the potential effects of earthquakes.

**Status:** Completed and on-going.

**Goal Z3: Proactively mitigate the potential damage from land subsidence throughout the county.**

*Objective Z3.1:* Consider revising codes and other ordinances to protect future assets from land subsidence.

*Strategy Z3.1.1:* Educate the public as to the benefits of building codes and overall community and land use planning as well as advantages to mitigation planning.

**Status:** Completed and on-going.

*Strategy Z3.1.2:* Strictly enforce ground disturbance permitting regulations, such as new MS4 requirements, in municipal and county jurisdictions.

**Status:** On-going.

*Objective Z3.2:* Undertake projects to sure up areas susceptible to slippage and/or erosion.

*Strategy Z3.2.1:* Undertake active re-vegetation and other storm water programs to cover areas of bare ground that may be susceptible to erosion.

**Status:** Completed and on-going.

*Strategy Z3.2.2:* Evaluate the viability of the retaining wall on Logan and Jefferson Streets in Morgantown's South Park.

**Status:** On-going.

### **Goal Z4: Prepare for potential epidemic situations.**

*Objective: Z4.1:* Undertake planning projects to protect the county's population from epidemic and pandemic situations.

*Strategy Z4.1.1:* Produce public awareness campaigns via various local media outlets.

**Status:** Completed and on-going.

### **Goal Z5: Lessen damage from hail events.**

*Objective Z5.1:* Provide adequate warning of storm events.

*Strategy Z5.1.1:* Coordinate efforts with local media to post advance warnings of hailstorms.

**Status:** Completed and on-going.

**Goal Z6: Lessen damage from thunderstorm events.**

*Objective Z6.1:* Provide adequate warning of storm events.

*Strategy Z6.1.1:* Coordinate with the NWS in Pittsburgh, Pennsylvania to warn residents of impending severe thunderstorm conditions.

**Status:** Completed and on-going.

**Goal Z7: Lessen the negative impacts of severe wind and tornadoes.**

*Objective: Z7.1:* Provide adequate warning of storm events.

*Strategy Z7.1.1:* Coordinate with the NWS in Pittsburgh, Pennsylvania to warn residents of impending severe wind and possible tornado conditions.

**Status:** Completed and on-going.

*Objective Z7.2:* Educate residents on the extent of the severe wind risk in Monongalia County.

*Strategy Z7.2.1:* Develop an informational brochure to distribute to local residents.

**Status:** Completed.

**Goal Z8: Lessen damage from winter storms.**

*Objective Z8.1:* Ensure adequate emergency services to protect the population of the county during winter storm events.

*Strategy Z8.1.1:* Continue outfitting and preparing the winter rescue team to ensure that emergency responders can access all parts of the county.

**Status:** On-going.

*Strategy Z8.1.2:* Enforce existing building codes and planning requirements that are already in place.

**Status:** Completed and on-going.

**Goal Z9: Continue to strengthen response capabilities to urban fires and wildfires.**

*Objective Z9.1:* Educate the public on the fire risk, to include avoidance measures.

*Strategy Z9.1.1:* Distribute information concerning the leading causes of wildfires and steps the general public can take to avoid starting wildfires.

**Status:** Completed and on-going.

*Objective Z9.2:* Increase the number of training opportunities aimed at increasing participating jurisdictions' capability to respond to fire incidents.

*Strategy Z9.2.1:* Continue to train and organize local fire service personnel to assist in the investigation of structural fires and the citation of code violations through a certification program made available to local fire chiefs.

**Status:** On-going.

*Strategy Z9.2.2:* Coordinate with the WVSFM to extend the jurisdiction of deputized fire marshals to a statewide jurisdiction.

**Status:** On-going.

*Strategy Z9.2.3:* Certify police departments, who have arrest powers, to handle arson investigations in place of fire departments, who do not have arrest powers (include a modified version of the State Police Academy to provide such training).

**Status:** On-going.

*Objective Z9.3:* Undertake public awareness campaigns to strengthen the participating jurisdictions' capabilities to respond to fire events.

*Strategy Z9.3.1:* Facilitate public awareness campaigns aimed at recruiting more volunteers at volunteer fire departments.

**Status:** Completed and on-going.

*Strategy Z9.3.2:* Consider planning and subdivision regulations that will require certain levels of fire flow and potable water pressure as subdivisions are developed.

**Status:** Completed and on-going.

*Strategy Z9.3.3:* Continue public awareness campaigns in schools, etc.

**Status:** Completed and on-going.

**Goal Z10: Lesson the negative effects of utility failures such as communications, electricity, natural gas, water, and wastewater service failures.**

*Objective: Z10.1:* Coordinate with utility providers to facilitate a better emergency response capability.

*Strategy Z10.1.1:* Encourage Allegheny Power to undertake projects to increase the number of feeder lines into rural areas so as to create back-up electricity in the event that one of the feeder lines fails.

**Status:** On-going.

*Strategy Z10.1.2:* Encourage Allegheny Power to allow employees to take company vehicles home to be available for emergency call-outs in the event of a downed electric line. These actions will free-up local emergency responders who normally monitor the downed line.

**Status:** On-going.

*Objective Z10.2:* Educate the community as to steps that can be taken to prevent long-term utility failures.

*Strategy Z10.2.1:* Encourage representatives from the county's assets (e.g. company leaders, etc.) to draft and distribute guidelines to implement in the event of an HVAC failure.

**Status:** Completed and on-going.

*Objective Z10.3:* Create a local capability to enable community assets to prevent utility failures.

*Strategy Z10.3.1:* Instate a grant or low-interest loan program to help individual residents finance generators and other back-up electricity systems.

**Status:** On-going.

**Goal Z11: Prolong resource availability for as long as possible during emergencies.**

*Objective Z11.1:* Educate the public regarding the potential for resource shortages; also, develop a notification capability to warn residents of shrinking resource supplies.

*Strategy Z11.1.1:* Coordinate with local media to announce low resource supplies.

**Status:** Completed and on-going.

*Strategy Z11.1.2:* Coordinate with local media to announce low fuel supplies.

**Status:** Completed and on-going.

*Strategy Z11.1.3:* Increase public knowledge as to resource conservation by distributing information to new and existing customers.

**Status:** Completed and on-going.

**Goal Z12: Prevent civil disturbances.**

*Objective Z12.1:* Strengthen law enforcement presence at large gatherings.

*Strategy Z12.1.1:* Increase security at large gatherings, festivals, sporting events, etc. throughout the county and municipalities. Examples include events at Mylan Park, Mountain Fest, and events at WVU.

**Status:** On-going.

**Goal Z13: Prevent hazardous material incidents.**

*Objective Z13.1:* Identify potential problem areas within the transportation networks of Monongalia County.

*Strategy Z13.1.1:* Assess the feasibility of cleaning up busy intersections.

**Status:** Completed and on-going.

*Strategy Z13.1.2:* Evaluate railroad and roadway intersections for warning systems, etc.

**Status:** Completed and on-going.

*Strategy Z13.1.3:* Evaluate dams and locks that play an integral role in water transportation.

**Status:** Completed and on-going.

*Objective Z13.2:* Ensure that the public is both aware of the hazardous material risk and potential protective measures.

*Strategy Z13.2.1:* Publicize evacuation plans.

**Status:** Completed and on-going.

*Strategy Z13.2.2:* Facilitate the creation of safe zones as places where residents can go in the event of a hazardous material incident. Further, publicize the location and access to these safe zones.

**Status:** Completed and on-going.

<p><b>Goal Z14: Prevent acts of terrorism.</b></p>
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*Objective Z14.1:* Protect vulnerable populations from terrorist acts.

*Strategy Z14.1.1:* Encourage schools to adopt and/or upgrade procedural and evacuation plans in the event of a bomb threat.

**Status:** Completed and on-going.

*Objective Z14.2:* Undertake planning projects to build a response capability to terrorist incidents.

*Strategy Z14.2.1:* Encourage county assets to instate and/or update procedural and evacuation plans in the event of a bomb threat.

**Status:** Completed.

*Strategy Z14.2.2:* Establish trauma centers to offer medical attention and counseling to affected populations in the event of a bomb explosion.

**Status:** Completed and on-going.

*Objective Z14.3:* Educate the public regarding preparedness for acts of terrorism.

*Strategy Z14.3.1:* Increase the knowledge of the general public concerning preparedness through the preparation of informational brochures, town meetings, training seminars, etc.

**Status:** Completed and on-going.

*Objective Z14.4:* Plan for the emotional and psychological needs of the population during and following terrorist incidents.

*Strategy Z14.4.1:* Establish trauma centers to offer medical attention and counseling to affected populations in the event of a terrorist event.

**Status:** Completed and on-going.

*Objective Z14.5:* Facilitate agency collaboration to better prepare for terrorist incidents.

*Strategy Z14.5.1:* Coordinate with first responders for interagency cooperation to assist in collaborative planning.

**Status:** Completed and on-going.

*Strategy Z14.5.2:* Continue education and training efforts of first responders and emergency personnel.

**Status:** Completed and on-going.

NEWBURG, TOWN OF

**Goal AA1: Reduce property damage in Newburg as a result of mine subsidence.**

*Objective AA1.1:* Take actions to limit the number of structures built on known mine subsidence areas.

*Strategy AA1.1.1:* Conduct a mapping project to identify old mining areas or geologically unstable terrain so that development can proceed accordingly in those areas.

**Status:** On-going.

NUTTER FORT, TOWN OF

**Goal BB1: Reduce flood damage in Nutter Fort.**

*Objective BB1.1:* Minimize future damage due to flooding of the West Fork River and tributaries.

*Strategy BB1.1.1:* Amend floodplain ordinance for compliance with the NFIP regulations.

**Status:** On-going.

*Strategy BB1.1.2:* Establish procedures to amend ordinances as NFIP regulations change.

**Status:** On-going.

*Strategy BB1.1.3:* Establish a public education process for utilities, businesses, and residences regarding floodplain management, to include:

- Permit process;
- Elevation of existing and new residences above flood elevation;
- Elevation of existing and new electrical and mechanical devices above flood elevation;
- Storage of documents, personal objectives, and inventory above floodplain;
- Identification and relocation of stored hazardous materials; and
- Installation of flood walls or shields, as applicable.

**Status:** On-going.

*Strategy BB1.1.4:* Continuation of acquisition and demolition of FEMA-identified repetitive loss structures.

**Status:** On-going.

*Strategy BB1.1.5:* Revise subdivision regulations to require provision for open space on land that is in the floodplain.

**Status:** On-going.

*Strategy BB1.1.6:* Continue and expand the intergovernmental agreement process between the county and municipalities in order to provide floodplain management by a certified floodplain manager.

**Status:** On-going.

*Strategy BB1.1.7:* Design and implement a countywide housing rehab program which addresses code violations, elevation, and flooding.

**Status:** On-going.

<p><b>Goal BB2: Reduce damage in Nutter Fort due to severe winter storms.</b></p>
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*Objective BB2.1:* Minimize future damage due to severe winter storms.

*Strategy BB2.1.1:* Adopt and enforce the state building code.

**Status:** On-going.

**Goal BB3: Reduce damage in Nutter Fort due to wind storms, thunderstorms, hailstorms, and tornadoes.**

*Objective BB3.1:* Minimize damage due to wind storms, thunderstorms, hailstorms, and tornadoes.

*Strategy BB3.1.1:* Adopt and enforce the state building code.

**Status:** On-going.

**Goal BB4: Reduce damage in Nutter Fort due to fires.**

*Objective BB4.1:* Minimize damage due to fires.

*Strategy BB4.1.1:* Establish a county fire board in order to provide a mechanism for county residents to obtain fire hydrants and other fire suppression tools.

**Status:** On-going.

**Goal BB5: Improve delivery of services during any emergency or catastrophic event.**

*Objective BB5.1:* Minimize damage improving delivery of services during any emergency or catastrophic event.

*Strategy BB5.1.1:* Continue and expand the intergovernmental agreement process between the county, municipalities, and other public agencies to encourage cooperation, to eliminate duplication of duties to provide cost-effective services to citizens.

**Status:** On-going.

PLEASANT VALLEY, CITY OF

**Goal CC1: Lessen flood-related losses.**

*Objective CC1.1:* Minimize future flood damage throughout Marion County by increasing control over development in the floodplain.

*Strategy CC1.1.1:* Use municipal regulations as models to develop a countywide permitting process to supplement the measures taken by lending institutions to monitor new construction in the floodplain.

**Status:** On-going.

*Strategy CC1.1.2:* Update countywide zoning ordinance in accordance with updated information from flood zone mapping to regulate the type of development that occurs in the floodplain.

**Status:** Completed.

*Objective CC1.2:* Increase public awareness of impending floods

*Strategy CC1.2.1:* Continue to educate faculty and staff at schools on NOAA radio usage.

**Status:** On-going.

*Objective: CC1.3:* Determine what projects can be implemented to reduce the vulnerability of the county in the event of a dam breachment.

*Strategy CC1.3.1:* Coordinate with the Soil Conservation Service to continue updating the map showing areas that would be affected by a dam failure.

**Status:** On-going.

**Goal CC2: Reduce the negative effects of severe winter storms in The City of Pleasant Valley.**

*Objective CC2.1:* Streamline snow removal processes to better serve county residents.

*Strategy CC2.1.1:* Update resource list of contracts with snow removal agencies.

**Status:** On-going.

**Goal CC3: Reduce the negative effects of landslides in Pleasant Valley.**

*Objective CC3.1:* Develop more effective response mechanisms when landslides occur.

*Strategy CC3.1.1:* Establish procedures with companies to clean up material from a landslide quickly and to monitor areas of high risk.

**Status:** On-going.

**Goal CC4: Lessen the effects of severe thunderstorms in Pleasant Valley.**

*Objective CC4.1:* Increase public awareness that a severe thunderstorm is imminent.

*Strategy CC4.1.1:* Continue to coordinate with the National Weather Service in Pittsburgh, Pennsylvania to warn residents of impending severe thunderstorm conditions.

**Status:** Completed and on-going.

*Strategy CC4.1.2:* Continue to monitor and maintain the three (3) rain gauges installed at strategic points throughout the county. Use these gauges in conjunction with the new weather station to monitor current and developing weather incidents.

**Status:** On-going.

**Goal CC5: Reduce the negative effects of drought on Pleasant Valley.**

*Objective CC5.1:* Upgrade or extend public infrastructure systems throughout Marion County.

*Strategy CC5.1.1:* Extend public water service to communities currently without service.

**Status:** Deleted.

*Strategy CC5.1.2:* Develop plans and schedules with the Department of Agriculture to haul water to residents during drought conditions.

**Status:** On-going.

**Goal CC6: Generally lessen the effects of disasters in Pleasant Valley.**

*Objective CC6.1:* Undertake general mitigation projects to address a variety of hazards.

*Strategy CC6.1.1:* Equip shelter facilities to provide back-up power.

**Status:** On-going.

*Strategy CC6.1.2:* Maintain and update the early warning systems that are in place throughout the county.

**Status:** On-going.

*Strategy CC6.1.3:* Undertake additional planning efforts to measure Marion County's susceptibility to technological and man-made hazards.

**Status:** On-going.

PRESTON COUNTY

**Goal DD1: Minimize the potential for property damage as a result of dam failures in Preston County.**

*Objective DD1.1:* Reduce the probability of significant flood damage as a result of a dam failure.

*Strategy DD1.1.1:* Coordinate with the West Virginia Department of Environmental Protection, Dam Control regulations under the provisions of Chapter 22-14 of the West Virginia Dam Control and Safety Act as outlined in the West Virginia Code, to periodically reclassify any dam within Preston County as a result of a change in circumstances not in existence at the time of the initial classification to ensure adequate safety according to the potential for downstream damage.

**Status:** On-going.

*Strategy DD1.1.2:* Coordinate with the US Army Corps of Engineers to update outdated flood studies encompassing areas affected by the failure or topping of Significant Hazard Dams within and near Preston County, including, for example the Masontown Water Supply Dam.

**Status:** On-going.

*Strategy DD1.1.3:* Coordinate with the West Virginia Department of Environmental Protection (WVDEP) to conduct periodic safety inspections of existing dams in Preston County.

**Status:** Completed.

**Goal DD2: Protect Preston County's agricultural assets and local water supply from the negative effects of drought.**

*Objective DD2.1:* Increase the stability of the public drinking water supply in Preston County.

*Strategy DD2.1.1:* Interconnect infrastructure systems so that one (1) system could supply another during emergency drought conditions.

**Status:** On-going.

*Strategy DD2.1.2:* Provide for an emergency backup power supply at all water treatment facilities in Preston County.

**Status:** On-going.

*Objective DD2.2:* Increase public awareness as to the agricultural effects of drought, as well as the ramifications to the public water supply

*Strategy DD2.2.1:* Develop an informational brochure to distribute to local farmers and residents, encouraging citizens to take water saving measures.

**Status:** Completed and on-going.

*Strategy DD2.2.2:* Consider passing ordinances to prioritize or control water use, particularly for emergency situations such as firefighting.

**Status:** On-going.

**Goal DD3: Reduce the potential effects of earthquakes in Preston County.**

*Objective DD3.1:* Educate the public as to the potential for earthquakes in West Virginia, specifically Preston County.

*Strategy DD.3.1.1:* Develop an informational brochure explaining the potential for earthquakes, as well as the potential damages from those earthquakes. The brochure should include information pertaining to measures to take to safe-proof homes and other structures from the potential effects of earthquakes.

**Status:** On-going.

*Strategy DD.3.1.2:* Encourage the implementation of structural mitigation techniques such as wall bracing, reinforcing walls with fiber materials, the installation of dampers or vibration isolation bearings in new construction.

**Status:** On-going.

**Goal DD4: Prepare and Protect Preston County's population from an epidemic.**

*Objective DD4.1:* Increase public awareness and knowledge after an epidemic has been declared.

*Strategy DD4.1.1:* Produce public awareness campaigns on local media outlets.

**Status:** Completed and on-going.

*Objective DD4.2:* Work with the local health department to limit or eliminate the spread of diseases by reducing the source of the infection.

*Strategy DD4.2.1:* Coordinate with the health department to identify the source of the epidemic and determine appropriate actions for the general public to take to reduce or slow the spread of the epidemic, especially following severe flooding.

**Status:** Completed and on-going.

*Strategy DD4.2.2:* Encourage residents to receive immunizations against communicable infectious diseases.

**Status:** Completed and on-going.

*Strategy DD4.2.3:* Purchase a stockpile of medications for distribution to first responders county-wide. Medications would include antibiotics and antivirals, etc. Purchase a refrigerator for storage and an alarm system and generator for temperature maintenance.

**Status:** On-going.

<p><b>Goal DD5: Reduce the negative effects of flooding in Preston County.</b></p>
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*Objective DD5.1:* Lessen flood damage by preserving the natural course of waterways, and conducting structural projects.

*Strategy DD5.1.1:* Clean portions of Big Sandy Creek and its floodplain, clearing log jams, trees and shrubs, and sediment bars.

**Status:** Completed.

*Strategy DD5.1.2:* Assess the feasibility of using the debris cleaned from the creek and streams to build an earthen floodwall along the creek to protect properties from flooding and erosion.

**Status:** Completed.

*Objective DD5.2:* Develop, implement, or strengthen regulatory requirements to lessen flood damage.

*Strategy DD5.2.1:* Conduct acquisition and/or relocation projects in frequently flooded portions of the county.

**Status:** On-going.

*Strategy DD5.2.2:* Participate in the CRS, and join the NFIP to reduce flood insurance rates.

**Status:** Completed and on-going.

**Goal DD6: Lessen hail damage to property and agriculture assets in Preston County.**

*Objective DD6.1:* Provide local residents with advanced warning of impending hailstorms.

*Strategy DD6.1.1:* Coordinate efforts with the local media to post advance warnings of hailstorms.

**Status:** Completed and on-going.

*Strategy DD6.1.2:* Encourage the use of NOAA weather radios among residents that continuously broadcast NWS forecasts and provide direct warnings to the public for natural, technological, and man-made hazards.

**Status:** Completed and on-going.

*Objective DD6.2:* Minimize damage to public and private structures as a result of hailstorms.

*Strategy DD6.2.1:* Encourage the use of laminated glass in window panes during all new construction.

**Status:** Completed and on-going.

**Goal DD7: Take measures to lessen the probability and severity of hazardous materials incidents in Preston County.**

*Objective DD7.1:* Identify the types and quantity of hazardous materials flowing through the county.

*Strategy DD7.1.1:* Undertake a Commodity Flow Study to determine what hazardous materials are used, stored, and shipped through the county.

**Status:** Completed.

*Objective DD7.2:* Ensure adequate manpower, equipment, supplies, etc. are available for first response units.

*Strategy DD7.2.1:* Maintain a stock of hazardous materials incident response supplies, such as clean up materials and personal protective equipment, and increase the number of personnel that are certified to conduct hazardous materials cleanups so that responders have an adequate supply to respond to multiple incidents.

**Status:** Completed.

*Objective DD7.3:* Reduce the risks associated with fixed site hazardous materials incidents.

*Strategy DD7.3.1:* Coordinate with personnel at facilities that store and use hazardous materials to develop and exercise site emergency plans and community response plans as required under Superfund Amendment and Reauthorization Act (SARA) Title III.

**Status:** Completed and on-going.

*Strategy DD7.3.2:* Ensure proper separation and buffering between industrial areas and other land uses such as, schools, nursing homes, hospitals, etc.

**Status:** This strategy has not yet been addressed.

<p><b>Goal DD8: Protect Preston County's population and critical assets from landslides.</b></p>
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*Objective DD8.1:* Enact ordinances to limit development in areas prone to landslide.

*Strategy DD8.1.1:* Develop ordinances requiring logging companies to clean and replant areas that they log. The ordinance should include the amount of replanting that is expected.

**Status:** Completed.

**Goal DD9: Lessen the effects of mine subsidence in Preston County.**

*Objective DD9.1:* Assess the feasibility of undertaking reclamation projects

*Strategy DD9.1.1:* Coordinate with the West Virginia Department of Environmental Protection, Division of Mining and Reclamation, to undertake reclamation projects if subsidence occurs at a specific location affected by an abandoned mine.

**Status:** Completed.

*Strategy DD9.1.2:* Consider developing a land use plan or modifying an existing plan to guide development away from and reduce the density of population in subsidence-prone areas.

**Status:** This strategy has not yet been addressed.

**Goal DD10: Reduce damages from severe thunderstorms in Preston County.**

*Objective DD10.1:* Increase public awareness that a severe thunderstorm is imminent.

*Strategy DD10.1.1:* Coordinate with the NWS to warn residents of impending severe thunderstorm conditions.

**Status:** Completed and on-going.

*Strategy DD10.1.2:* Encourage the use of NOAA Weather Radios among residents that continuously broadcast NWS forecasts and provide direct warnings to the public.

**Status:** Completed and on-going.

*Strategy DD10.1.3:* Encourage authorized individuals to use the Emergency Alert System (EAS) on commercial radio, television, and cable systems to send out emergency information targeted to specific areas.

**Status:** Completed and on-going.

*Strategy DD10.1.4:* Ensure that surge protection, such as surge protectors and grounding, has been installed on all critical electronic equipment owned by county government.

**Status:** Completed.

*Objective DD10.2:* Decrease the probability of utility failures as a direct result of severe thunderstorms.

*Strategy DD10.2.1:* Coordinate with the power company to periodically trim trees near power lines to prevent limb breakage and power failures.

**Status:** Completed and on-going.

<p><b>Goal DD11: Reduce damage from severe wind and tornadoes in Preston County.</b></p>
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*Objective DD11.1:* Increase public awareness that severe wind and tornadoes are imminent.

*Strategy DD11.1.1:* Coordinate with the NWS to warn residents of impending severe winds and possible tornado conditions.

**Status:** Completed and on-going.

*Objective DD11.2:* Minimize future damage from severe wind or tornadoes throughout Preston County by increasing control over construction activities.

*Strategy DD11.2.1:* Reduce the risk of mobile home damage by suggesting the use of tie-downs with ground anchors appropriate for the soil type.

**Status:** On-going.

*Objective DD11.3:* Conduct an inventory of available disaster shelters within Preston County.

*Strategy DD11.3.1:* Assess the number, location, strength, and ability of shelters to house residents and withstand high wind speeds. Consider constructing concrete safe rooms near mobile home parks, shopping malls, and other vulnerable public areas.

**Status:** On-going.

**Goal DD12: Reduce the effects of severe winter storms in Preston County.**

*Objective DD12.1:* Minimize future damage from severe winter storms throughout Preston County by increasing response capabilities.

*Strategy DD12.1.1:* Coordinate with local private contractors to develop mutual aid agreements for emergency snow removal.

**Status:** Completed and on-going.

*Objective DD12.2:* Educate the general public on proper procedures to take to prepare for a winter storm.

*Strategy DD12.2.1:* Publish an informational brochure to distribute to the public describing the proper steps and procedures to carry out in the event of a winter storm.

**Status:** Completed.

**Goal DD13: Protect Preston County's population from heat waves.**

*Objective DD13.1:* Increase public knowledge of protective measures to take during heat waves.

*Strategy DD13.1.1:* Develop an informational brochure to distribute to local residents.

**Status:** Completed and on-going.

**Goal DD14: Protect the general public in Preston County from potential biological, chemical, or Weapons of Mass Destruction (WMD) terrorist events.**

*Objective DD14.1:* Increase countywide preparedness for terrorist attacks.

*Strategy DD14.1.1:* Develop and/or enhance terrorist incident response annexes in the county Emergency Operations Plan (EOP).

**Status:** Completed.

*Strategy DD14.1.2:* Increase the knowledge of the general public concerning preparedness through the preparation of informational brochures, town meetings, training seminars, etc.

**Status:** Completed and on-going.

*Strategy DD14.1.3:* Coordinate with local media to alert the public as to the current threat status.

**Status:** Completed and on-going.

*Objective DD14.2:* Enact response programs to cope with terrorist attacks should they occur.

*Strategy DD14.2.1:* Establish trauma centers to offer medical attention and counseling to affected populations in the event of a terrorist event.

**Status:** Completed and on-going.

*Strategy DD14.2.2:* Continue education and training efforts of first responders and emergency personnel.

**Status:** Completed and on-going.

*Strategy DD14.2.3:* Consider providing heightened security at public gatherings, special events, hazardous materials facilities and critical community facilities and industries.

**Status:** Completed and on-going.

*Strategy DD14.2.4:* Finance CERT training and/or other federal disaster response trainings for public health department staff.

**Status:** Completed and on-going.

*Strategy DD14.2.5:* Make arrangements or otherwise establish mass morgue facilities to be used following potential mass casualty events.

**Status:** Completed and on-going.

**Goal DD15: Protect Preston County's population and forests from wildfires.**

*Objective DD15.1:* Educate the public on how to avoid starting wildfires.

*Strategy DD15.1.1:* Distribute information concerning the leading causes of wildfires and steps the general public can take to avoid starting wildfires.

**Status:** Completed.

*Strategy DD15.1.2:* Encourage residents in rural areas to inspect and clean their chimneys at least once a year.

**Status:** Completed and on-going.

*Strategy DD15.1.3:* Encourage residents and businesses to maintain their property in or near forested areas (including short grass; thinned trees and removal of low hanging branches, cleaning of dead or dry leaves, needles, twigs, etc.), and to create a buffer zone (defensible space) between structures and adjacent forests.

**Status:** Completed and on-going.

**Goal DD16: Reduce or eliminate the negative effects of various other hazards in Preston County.**

*Objective DD16.1:* Enhance the emergency service capabilities throughout the county.

*Strategy DD16.1.1:* Establish a communications system that will allow all jurisdictional fire and police departments to communicate with each other during large-scale emergency situations.

**Status:** On-going.

*Objective DD16.2:* Enhance public utilities capability to continue operating during and following natural disasters.

*Strategy DD16.2.1:* Purchase and install generators to provide a backup power supply for all the county's public utilities.

**Status:** On-going.

*Objective DD16.3:* Protect students and faculty members at county schools, as well as employers and employees and other individuals at industrial and commercial assets from the effects of bomb threats and possible explosions.

*Strategy DD16.3.1:* Encourage schools, local business and public facilities to adopt and/or update procedural and evacuation plans in the event of a bomb threat.

**Status:** Completed and on-going.

*Objective DD16.4:* Decrease the probability of civil disturbances in Preston County.

*Strategy DD16.4.1:* Increase security at large sporting events and other social gatherings in the county.

**Status:** On-going.

#### REEDSVILLE, TOWN OF

<b>Goal EE1: Improve the delivery and effectiveness of warning messages throughout Reedsville.</b>
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*Objective EE1.1:* Provide the residents of Reedsville with advance warnings of severe weather.

*Strategy EE1.1.1:* Increase the coverage area and use of NOAA Weather Radios throughout the Town of Reedsville.

**Status:** Completed and on-going.

#### RIVESVILLE, TOWN OF

<b>Goal FF1: Lessen flood-related losses.</b>
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*Objective FF1.1:* Minimize future flood damage throughout Marion County by increasing control over development in the floodplain.

*Strategy FF1.1.1:* Use municipal regulations as models to develop a countywide permitting process to supplement the measures taken by lending institutions to monitor new construction in the floodplain.

**Status:** On-going.

*Strategy FF1.1.2:* Update countywide zoning ordinance in accordance with updated information from flood zone mapping to regulate the type of development that occurs in the floodplain.

**Status:** Completed.

*Objective FF1.2:* Increase public awareness of impending floods

*Strategy FF1.2.1:* Continue to educate faculty and staff at schools on NOAA radio usage.

**Status:** On-going.

*Objective: FF1.3:* Determine what projects can be implemented to reduce the vulnerability of the county in the event of a dam breachment.

*Strategy FF1.3.1:* Coordinate with the Soil Conservation Service to continue updating the map showing areas that would be affected by a dam failure.

**Status:** On-going.

<p><b>Goal FF2: Reduce the negative effects of severe winter storms in The Town of Rivesville.</b></p>
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*Objective FF2.1:* Streamline snow removal processes to better serve county residents.

*Strategy FF2.1.1:* Update resource list of contracts with snow removal agencies.

**Status:** On-going.

<p><b>Goal FF3: Reduce the negative effects of landslides in Rivesville.</b></p>
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*Objective FF3.1:* Develop more effective response mechanisms when landslides occur.

*Strategy FF3.1.1:* Establish procedures with companies to clean up material from a landslide quickly and to monitor areas of high risk.

**Status:** On-going.

**Goal FF4: Lessen the effects of severe thunderstorms in Rivesville.**

*Objective FF4.1:* Increase public awareness that a severe thunderstorm is imminent

*Strategy FF4.1.1:* Continue to coordinate with the National Weather Service in Pittsburgh, Pennsylvania to warn residents of impending severe thunderstorm conditions.

**Status:** Completed and on-going.

*Strategy FF4.1.2:* Continue to monitor and maintain the three (3) rain gauges installed at strategic points throughout the county. Use these gauges in conjunction with the new weather station to monitor current and developing weather incidents.

**Status:** On-going.

**Goal FF5: Reduce the negative effects of drought on Rivesville.**

*Objective FF5.1:* Upgrade or extend public infrastructure systems throughout Marion County.

*Strategy FF5.1.1:* Extend public water service to communities currently without service.

**Status:** Deleted.

*Strategy FF5.1.2:* Develop plans and schedules with the Department of Agriculture to haul water to residents during drought conditions.

**Status:** On-going.

**Goal FF6: Generally lessen the effects of disasters in Rivesville.**

*Objective FF6.1:* Undertake general mitigation projects to address a variety of hazards.

*Strategy FF6.1.1:* Equip shelter facilities to provide back-up power.

**Status:** On-going.

*Strategy FF6.1.2:* Maintain and update the early warning systems that are in place throughout the county.

**Status:** On-going.

*Strategy FF6.1.3:* Undertake additional planning efforts to measure Marion County's susceptibility to technological and man-made hazards.

**Status:** On-going.

ROWLESBURG, TOWN OF

**Goal GG1: Reduce or eliminate the amount of property damage in the Rowlesburg as a result of flooding.**

*Objective GG1.1:* Reduce the number of structures and critical infrastructure located in the 100-year floodplain.

*Strategy GG1.1.1:* Undertake acquisition and relocation projects to increase the amount of green space in repeatedly-flooded areas.

**Status:** On-going.

**Goal GG2: Reduce the risk of contaminated water supply in the Town of Rowlesburg.**

*Objective GG2.1:* Undertake structural projects to reduce the risk of water contamination in the Town of Rowlesburg.

*Strategy GG2.1.1:* Relocate the water intake upstream from the railroad river crossing.

**Status:** New.

SALEM, CITY OF

**Goal HH1: Reduce flood damage in Salem.**

*Objective HH1.1:* Minimize future damage due to flooding.

*Strategy HH1.1.1:* Amend floodplain ordinance for compliance with the NFIP regulations.

**Status:** On-going.

*Strategy HH1.1.2:* Establish procedure to amend ordinances as NFIP regulations change.

**Status:** On-going.

*Strategy HH1.1.3:* Establish a public education process for utilities, businesses, and residences regarding floodplain management, to include:

- Permit process;
- Elevation of existing and new residences above flood elevation;
- Elevation of existing and new electrical and mechanical devices above flood elevation;
- Storage of documents, personal objectives, and inventory above floodplain;
- Identification and relocation of stored hazardous materials; and
- Installation of flood walls or shields, as applicable.

**Status:** On-going.

*Strategy HH1.1.4:* Continuation of acquisition and demolition of FEMA-identified repetitive loss structures.

**Status:** On-going.

*Strategy HH1.1.5:* Revise subdivision regulations to require provision for open space on land that is in the floodplain.

**Status:** On-going.

*Strategy HH1.1.6:* Continue and expand the intergovernmental agreement process between the county and municipalities in order to provide floodplain management by a certified floodplain manager.

**Status:** On-going.

*Strategy HH1.1.7:* Design and implement a countywide housing rehab program which addresses code violations, elevation, and flooding.

**Status:** On-going.

**Goal HH2: Reduce damage in Salem due to severe winter storms.**

*Objective HH2.1:* Minimize future damage due to severe winter storms.

*Strategy HH2.1.1:* Adopt and enforce the state building code.

**Status:** On-going.

**Goal HH3: Reduce damage in Salem due to wind storms, thunderstorms, hailstorms, and tornadoes.**

*Objective HH3.1:* Minimize damage due to wind storms, thunderstorms, hailstorms, and tornadoes.

*Strategy HH3.1.1:* Adopt and enforce the state building code.

**Status:** On-going.

**Goal HH4: Reduce damage in Salem due to fires.**

*Objective HH4.1:* Minimize damage due to fires.

*Strategy HH4.1.1:* Establish a county fire board in order to provide a mechanism for county residents to obtain fire hydrants and other fire suppression tools.

**Status:** On-going.

**Goal HH5: Reduce damage in Salem due to dam failures.**

*Objective HH5.1:* Minimize damage in Salem due to dam failures.

*Strategy HH5.1.1:* Prepare annual updates of dam assessments in accordance with state law.

**Status:** On-going.

*Strategy HH5.1.2:* Explore state, federal, and private funding sources for dam rehabilitation.

**Status:** On-going.

**Goal HH6: Improve delivery of services during any emergency or catastrophic event.**

*Objective HH6.1:* Minimize damage improving delivery of services during any emergency or catastrophic event.

*Strategy HH6.1.1:* Continue and expand the intergovernmental agreement process between the county, municipalities, and other public agencies to encourage cooperation, to eliminate duplication of duties to provide cost-effective services to citizens.

**Status:** On-going.

SHINNSTON, CITY OF

**Goal II1: Reduce flood damage in Shinnston.**

*Objective II1.1:* Minimize future damage due to flooding of the West Fork River and tributaries.

*Strategy II1.1.1:* Amend floodplain ordinance for compliance with the NFIP regulations.

**Status:** On-going.

*Strategy III.1.2:* Establish procedure to amend ordinances as NFIP regulations change.

**Status:** On-going.

*Strategy III.1.3:* Establish a public education process for utilities, businesses, and residences regarding floodplain management, to include:

- Permit process;
- Elevation of existing and new residences above flood elevation;
- Elevation of existing and new electrical and mechanical devices above flood elevation;
- Storage of documents, personal objectives, and inventory above floodplain;
- Identification and relocation of stored hazardous materials; and
- Installation of flood walls or shields, as applicable.

**Status:** On-going.

*Strategy III.1.4:* Continuation of acquisition and demolition of structures that are repeatedly flooded.

**Status:** On-going.

*Strategy III.1.5:* Revise subdivision regulations to require provision for open space on land that is in the floodplain.

**Status:** On-going.

*Strategy III.1.6:* Continue and expand the intergovernmental agreement process between the county and municipalities in order to provide floodplain management by a certified floodplain manager.

**Status:** On-going.

*Strategy III.1.7:* Design and implement a countywide housing rehab program which addresses code violations, elevation, and flooding.

**Status:** On-going.

**Goal II2: Reduce damage in Shinnston due to severe winter storms.**

*Objective II2.1:* Minimize future damage due to severe winter storms.

*Strategy II2.1.1:* Adopt and enforce the state building code.

**Status:** On-going.

**Goal II3: Reduce damage in Shinnston due to wind storms, thunderstorms, hailstorms, and tornadoes.**

*Objective II3.1:* Minimize damage due to wind storms, thunderstorms, hailstorms, and tornadoes.

*Strategy II3.1.1:* Adopt and enforce the state building code.

**Status:** On-going.

**Goal II4: Reduce damage in Shinnston due to fires.**

*Objective II4.1:* Minimize damage due to fires.

*Strategy II4.1.1:* Establish a county fire board in order to provide a mechanism for county residents to obtain fire hydrants and other fire suppression tools.

**Status:** On-going.

**Goal II5: Improve delivery of services during any emergency or catastrophic event.**

*Objective II5.1:* Minimize damage improving delivery of services during any emergency or catastrophic event.

*Strategy II5.1.1:* Continue and expand the intergovernmental agreement process between the county, municipalities, and other public agencies to encourage cooperation, to eliminate duplication of duties to provide cost-effective services to citizens.

**Status:** On-going.

STAR CITY, TOWN OF

**Goal JJ1: Lessen the negative effects of a drought.**

*Objective JJ1.1:* Ensure that residents understand the drought hazard and how to mitigate it.

*Strategy JJ1.1.1:* Develop and informational brochure to distribute to local farmers and residents.

**Status:** Completed.

*Strategy JJ1.1.2:* Educate local residents on the benefits of conserving water at all times, not just during a drought.

**Status:** Completed and on-going.

**Goal JJ2: Mitigate potential damage from minor earthquakes.**

*Objective JJ2.1:* Ensure that residents understand the earthquake risk in Monongalia County.

*Strategy JJ2.1.1:* Develop an informational brochure explaining the potential for earthquakes as well as the potential damages from those earthquakes. The brochure should include information on measures to take to safe-proof homes and other structures from the potential effects of earthquakes.

**Status:** Completed and on-going.

**Goal JJ3: Proactively mitigate the potential damage from land subsidence throughout the county.**

*Objective JJ3.1:* Consider revising codes and other ordinances to protect future assets from land subsidence.

*Strategy JJ3.1.1:* Educate the public as to the benefits of building codes and overall community and land use planning as well as advantages to mitigation planning.

**Status:** Completed and on-going.

*Strategy JJ3.1.2:* Strictly enforce ground disturbance permitting regulations, such as new MS4 requirements, in municipal and county jurisdictions.

**Status:** On-going.

*Objective JJ3.2:* Undertake projects to sure up areas susceptible to slippage and/or erosion.

*Strategy JJ3.2.1:* Undertake active re-vegetation and other storm water programs to cover areas of bare ground that may be susceptible to erosion.

**Status:** Completed and on-going.

### **Goal JJ4: Prepare for potential epidemic situations.**

*Objective: JJ4.1:* Undertake planning projects to protect the county's population from epidemic and pandemic situations.

*Strategy JJ4.1.1:* Produce public awareness campaigns via various local media outlets.

**Status:** Completed and on-going.

### **Goal JJ5: Lessen damage from hail events.**

*Objective JJ5.1:* Provide adequate warning of storm events.

*Strategy JJ5.1.1:* Coordinate efforts with local media to post advance warnings of hailstorms.

**Status:** Completed and on-going.

### **Goal JJ6: Lessen damage from thunderstorm events.**

*Objective JJ6.1:* Provide adequate warning of storm events.

*Strategy JJ6.1.1:* Coordinate with the NWS in Pittsburgh, Pennsylvania to warn residents of impending severe thunderstorm conditions.

**Status:** Completed and on-going.

**Goal JJ7: Lessen the negative impacts of severe wind and tornadoes.**

*Objective JJ7.1:* Provide adequate warning of storm events.

*Strategy JJ7.1.1:* Coordinate with the NWS in Pittsburgh, Pennsylvania to warn residents of impending severe wind and possible tornado conditions.

**Status:** Completed and on-going.

*Objective JJ7.2:* Educate residents on the extent of the severe wind risk in Monongalia County.

*Strategy JJ7.2.1:* Develop an informational brochure to distribute to local residents.

**Status:** Completed.

**Goal JJ8: Lessen damage from winter storms.**

*Objective JJ8.1:* Ensure adequate emergency services to protect the population of the county during winter storm events.

*Strategy JJ8.1.1:* Continue outfitting and preparing the winter rescue team to ensure that emergency responders can access all parts of the county.

**Status:** On-going.

**Goal JJ9: Continue to strengthen response capabilities to urban fires and wildfires.**

*Objective JJ9.1:* Educate the public on the fire risk, to include avoidance measures.

*Strategy JJ9.1.1:* Distribute information concerning the leading causes of wildfires and steps the general public can take to avoid starting wildfires.

**Status:** Completed and on-going.

*Objective JJ9.2:* Increase the number of training opportunities aimed at increasing participating jurisdictions' capability to respond to fire incidents.

*Strategy JJ9.2.1:* Continue to train and organize local fire service personnel to assist in the investigation of structural fires and the citation of code violations through a certification program made available to local fire chiefs.

**Status:** On-going.

*Strategy JJ9.2.2:* Coordinate with the WVSFM to extend the jurisdiction of deputized fire marshals to a statewide jurisdiction.

**Status:** On-going.

*Strategy JJ9.2.3:* Certify police departments, who have arrest powers, to handle arson investigations in place of fire departments, who do not have arrest powers (include a modified version of the State Police Academy to provide such training).

**Status:** On-going.

*Objective JJ9.3:* Undertake public awareness campaigns to strengthen the participating jurisdictions' capabilities to respond to fire events.

*Strategy JJ9.3.1:* Facilitate public awareness campaigns aimed at recruiting more volunteers at volunteer fire departments.

**Status:** Completed and on-going.

*Strategy JJ9.3.2:* Continue public awareness campaigns in schools, etc.

**Status:** Completed and on-going.

<p><b>Goal JJ10: Lesson the negative effects of utility failures such as communications, electricity, natural gas, water, and wastewater service failures.</b></p>
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*Objective: JJ10.1:* Coordinate with utility providers to facilitate a better emergency response capability.

*Strategy JJ10.1.1:* Encourage Allegheny Power to undertake projects to increase the number of feeder lines into rural areas so as to create back-up electricity in the

event that one of the feeder lines fails.

**Status:** On-going.

*Strategy JJ10.1.2:* Encourage Allegheny Power to allow employees to take company vehicles home to be available for emergency call-outs in the event of a downed electric line. These actions will free-up local emergency responders who normally monitor the downed line.

**Status:** On-going.

*Objective JJ10.2:* Educate the community as to steps that can be taken to prevent long-term utility failures.

*Strategy JJ10.2.1:* Encourage representatives from the county's assets (e.g. company leaders, etc.) to draft and distribute guidelines to implement in the event of an HVAC failure.

**Status:** Completed and on-going.

*Objective JJ10.3:* Create a local capability to enable community assets to prevent utility failures.

*Strategy JJ10.3.1:* Instate a grant or low-interest loan program to help individual residents finance generators and other back-up electricity systems.

**Status:** On-going.

<p><b>Goal JJ11: Prolong resource availability for as long as possible during emergencies.</b></p>
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*Objective JJ11.1:* Educate the public regarding the potential for resource shortages; also, develop a notification capability to warn residents of shrinking resource supplies.

*Strategy JJ11.1.1:* Coordinate with local media to announce low resource supplies.

**Status:** Completed and on-going.

*Strategy JJ11.1.2:* Coordinate with local media to announce low fuel supplies.

**Status:** Completed and on-going.

*Strategy JJ11.1.3:* Increase public knowledge as to resource conservation by distributing information to new and existing customers.

**Status:** Completed and on-going.

### **Goal JJ12: Prevent civil disturbances.**

*Objective JJ12.1:* Strengthen law enforcement presence at large gatherings.

*Strategy JJ12.1.1:* Increase security at large gatherings, festivals, sporting events, etc. throughout the county and municipalities. Examples include events at Mylan Park, Mountain Fest, and events at WVU.

**Status:** On-going.

### **Goal JJ13: Prevent hazardous material incidents.**

*Objective JJ13.1:* Identify potential problem areas within the transportation networks of Monongalia County.

*Strategy JJ13.1.1:* Assess the feasibility of cleaning up busy intersections.

**Status:** Completed and on-going.

*Strategy JJ13.1.2:* Evaluate railroad and roadway intersections for warning systems, etc.

**Status:** Completed and on-going.

*Strategy JJ13.1.3:* Evaluate dams and locks that plan an integral role in water transportation.

**Status:** Completed and on-going.

*Objective JJ13.2:* Ensure that the public is both aware of the hazardous material risk and potential protective measures.

*Strategy JJ13.2.1:* Publicize evacuation plans.

**Status:** Completed and on-going.

*Strategy JJ13.2.2:* Facilitate the creation of safe zones as places where residents can go in the event of a hazardous material incident. Further, publicize the location and access to these safe zones.

**Status:** Completed and on-going.

<b>Goal JJ14: Prevent acts of terrorism.</b>
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*Objective JJ14.1:* Protect vulnerable populations from terrorist acts.

*Strategy JJ14.1.1:* Encourage schools to adopt and/or upgrade procedural and evacuation plans in the event of a bomb threat.

**Status:** Completed and on-going.

*Objective JJ14.2:* Undertake planning projects to build a response capability to terrorist incidents.

*Strategy JJ14.2.1:* Encourage county assets to instate and/or update procedural and evacuation plans in the event of a bomb threat.

**Status:** Completed.

*Strategy JJ14.2.2:* Establish trauma centers to offer medical attention and counseling to affected populations in the event of a bomb explosion.

**Status:** Completed and on-going.

*Objective JJ14.3:* Educate the public regarding preparedness for acts of terrorism.

*Strategy JJ14.3.1:* Increase the knowledge of the general public concerning preparedness through the preparation of informational brochures, town meetings, training seminars, etc.

**Status:** Completed and on-going.

*Objective JJ14.4:* Plan for the emotional and psychological needs of the population during and following terrorist incidents.

*Strategy JJ14.4.1:* Establish trauma centers to offer medical attention and

counseling to affected populations in the event of a terrorist event.

**Status:** Completed and on-going.

*Objective JJ14.5:* Facilitate agency collaboration to better prepare for terrorist incidents.

*Strategy JJ14.5.1:* Coordinate with first responders for interagency cooperation to assist in collaborative planning.

**Status:** Completed and on-going.

*Strategy JJ14.5.2:* Continue education and training efforts of first responders and emergency personnel.

**Status:** Completed and on-going.

STONEWOOD, CITY OF

<b>Goal KK1: Reduce flood damage in Stonewood.</b>
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*Objective KK1.1:* Minimize future damage due to flooding of the West Fork River, Elk Creek, and tributaries.

*Strategy KK1.1.1:* Amend floodplain ordinance for compliance with the NFIP regulations.

**Status:** On-going.

*Strategy KK1.1.2:* Establish procedure to amend ordinances as NFIP regulations change.

**Status:** On-going.

*Strategy KK1.1.3:* Establish a public education process for utilities, businesses, and residences regarding floodplain management, to include:

- Permit process;
- Elevation of existing and new residences above flood elevation;
- Elevation of existing and new electrical and mechanical devices above flood elevation;
- Storage of documents, personal objectives, and inventory above floodplain;
- Identification and relocation of stored hazardous materials; and
- Installation of flood walls or shields, as applicable.

**Status:** On-going.

*Strategy KK1.1.4:* Continuation of acquisition and demolition of FEMA-identified repetitive loss structures.

**Status:** On-going.

*Strategy KK1.1.5:* Revise subdivision regulations to require provision for open space on land that is in the floodplain.

**Status:** On-going.

*Strategy KK1.1.6:* Continue and expand the intergovernmental agreement process between the county and municipalities in order to provide floodplain management by a certified floodplain manager.

**Status:** On-going.

*Strategy KK1.1.7:* Design and implement a countywide housing rehab program which addresses code violations, elevation, and flooding.

**Status:** On-going.

**Goal KK2: Reduce damage in Stonewood due to severe winter storms.**

*Objective KK2.1:* Minimize future damage due to severe winter storms.

*Strategy KK2.1.1:* Adopt and enforce the state building code.

**Status:** On-going.

**Goal KK3: Reduce damage in Stonewood due to wind storms, thunderstorms, hailstorms, and tornadoes.**

*Objective KK3.1:* Minimize damage due to wind storms, thunderstorms, hailstorms, and tornadoes.

*Strategy KK3.1.1:* Adopt and enforce the state building code.

**Status:** On-going.

**Goal KK4: Reduce damage in Stonewood due to fires.**

*Objective KK4.1:* Minimize damage due to fires.

*Strategy KK4.1.1:* Establish a county fire board in order to provide a mechanism for county residents to obtain fire hydrants and other fire suppression tools.

**Status:** On-going.

**Goal KK5: Improve delivery of services during any emergency or catastrophic event.**

*Objective KK5.1:* Minimize damage improving delivery of services during any emergency or catastrophic event.

*Strategy KK5.1.1:* Continue and expand the intergovernmental agreement process between the county, municipalities, and other public agencies to encourage cooperation, to eliminate duplication of duties to provide cost-effective services to citizens.

**Status:** On-going.

TAYLOR COUNTY

**Goal LL1: Protect the general public and school systems of Taylor County from bomb threats.**

*Objective LL1.1:* Develop personal protection measures for students and faculty at county schools, specifically Grafton High School.

*Strategy LL1.1.1:* Encourage schools to instate and/or update procedural and evacuation plans in the event of a bomb threat

**Status:** Completed and ongoing.

*Objective LL1.2:* Protect employees and other individuals at county structural assets from bomb threats and bomb explosions.

*Strategy LL1.2.1:* Encourage county assets to instate and/or update procedural and evacuation plans in the event of a bomb threat.

**Status:** Completed and ongoing.

*Objective LL1.3:* Protect vulnerable populations in the event that a bomb explodes.

*Strategy LL1.3.1:* Establish trauma centers to offer medical attention and counseling to affected populations in the event of a bomb explosion.

**Status:** On-going.

**Goal LL2: Lessen the potential damages as a result of a dam failure in Taylor County and the City of Grafton.**

*Objective LL2.1:* Use available technology to identify potential hazard-event losses so as to mitigate them.

*Strategy LL2.1.1:* Develop a layer to the county's available mapping showing the areas downstream of the Tygart Lake Dam to complement any structural inventory mapping that has been done. As such, county officials can easily sum the potential losses in a single dams' susceptibility area.

**Status:** New.

*Objective LL2.2:* Regulate development in the dam's hydraulic shadow.

*Strategy LL2.2.1:* Identify the areas of the County and the City of Grafton that would be severely flooded in the event of a severe failure of the Tygart Lake Dam, and develop zoning regulations that disallow future development in those areas.

**Status:** New.

**Goal LL3: Protect Taylor County's agricultural assets and the local water supply from the negative effects of drought.**

*Objective LL3.1:* Increase public awareness as to the agricultural effects of drought, as well as the ramifications of drought on the public water supply.

*Strategy LL3.1.1:* Develop an informational brochure to distribute to local farms and residents that encourage citizens to take water saving measures.

**Status:** Completed.

*Strategy LL3.1.2:* Consider passing ordinances to prioritize or control water use, particularly for emergency situations such as firefighting.

**Status:** New.

*Objective LL3.2:* Increase the stability of the public drinking water supply in Taylor County.

*Strategy LL3.2.1:* Provide for an emergency backup power supply at all water treatment facilities in Taylor County.

**Status:** New.

**Goal LL4: Reduce the potential effects of earthquakes in Taylor County.**

*Objective LL4.1:* Educate the public as to the potential for earthquakes in West Virginia, specifically Taylor County.

*Strategy LL4.1.1:* Develop an informational brochure explaining the potential for earthquakes, as well as the potential damages from those earthquakes. The brochure should include information on measures to take to safe-proof homes and other structures from the potential effects of earthquakes.

**Status:** Completed.

*Strategy LL4.1.2:* Encourage the implementation of structural mitigation techniques such as wall bracing, reinforcing walls with fiber materials, the installation of dampers or vibration isolation bearings in new construction.

**Status:** New.

<p><b>Goal LL5: Reduce the negative effects of flooding in Taylor County as well as in The City of Grafton and Town of Flemington.</b></p>
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*Objective LL5.1:* Minimize future flood damage in municipal areas through effective storm water management.

*Strategy LL5.1.1:* Develop stringent storm water management codes for future development.

**Status:** Completed.

*Objective LL5.2:* Participate in the CRS to help monitor hazard mitigation efforts and to improve the affordability of flood insurance for citizens.

*Strategy LL5.2.1:* Coordinate county efforts to meet the requirements of becoming a participant in the CRS.

**Status:** On-going.

*Objective LL5.3:* Decrease future flood damage throughout Taylor County by increasing control over development in the floodplain.

*Strategy LL5.3.1:* Instate a countywide permitting process, which will require residents and/or developers to file a permit with the county before beginning new construction as a means of regulating floodplain development.

**Status:** On-going.

*Strategy LL5.3.2:* Develop and conduct acquisition and relocation projects.

**Status:** On-going.

*Objective LL5.4:* Target owners of properties within identified hazard areas for additional outreach regarding mitigation and disaster preparedness.

*Strategy LL5.4.1:* Distribute letters to all property owners in the county regarding potential flood hazards as required for participation in the CRS.

**Status:** New.

*Strategy LL5.4.2:* Hold local courses on National Flood Insurance Program (NFIP) for realtors, bankers, insurers, and municipal development officials.

**Status:** New.

*Strategy LL5.4.3:* Obtain updated information on the number of NFIP policy holders in Taylor County and its municipalities.

**Status:** New.

*Objective LL5.5:* Identify all repetitive loss structures throughout the Taylor County the City of Grafton and the Town of Flemington.

*Strategy LL5.5.1:* Collect updated information on the number and location of all repetitive loss properties throughout the county and the municipalities.

**Status:** New.

*Strategy LL5.5.2:* Develop a database of information on all repetitive loss properties including maps

**Status:** New.

*Strategy LL5.5.3:* Identify owners of repetitive loss properties who are interested in participating in future property acquisition and relocation projects.

**Status:** New.

*Objective LL5.6:* Assess vulnerability of transportation systems and assets located in hazard areas.

*Strategy LL5.6.1:* Work with the WVDOH to identify areas of frequent roadways flooding and develop mitigation strategies.

**Status:** New.

**Goal LL6: Decrease hail damage to property and agriculture assets in Taylor County.**

*Objective LL6.1:* Provide local residents with more advanced warnings of impending hailstorms.

*Strategy LL6.1.1:* Coordinate efforts with local media to post advance warnings of hailstorms.

**Status:** Completed and on-going.

*Strategy LL6.1.2:* Encourage the use of NOAA weather radios among residents that continuously broadcast NWS forecasts and provide direct warnings to the public for natural, technological, and man-made hazards.

**Status:** New.

**Goal LL7: Take measures to lessen the probability and severity of hazardous materials incidents in Taylor County and the City of Grafton.**

*Objective LL7.1:* Identify all hazardous materials contained in Taylor County and the City of Grafton, as well as the hazardous materials that are being transported through the county.

*Strategy LL7.1.1:* Coordinate with the railroad authority to inventory the hazardous materials that are transported through the county and the city of Grafton by rail.

**Status:** Completed.

*Strategy LL7.1.2:* Conduct a Tier II Assessment on the large retailers in the county to identify who should be reporting and who should not be.

**Status:** On-going.

*Strategy LL7.1.3:* Apply for a Hazardous Materials Emergency Preparedness (HMEP) grant from the West Virginia Division of Homeland Security and Emergency Management (WVDHSEM) to finance the development of a Commodity Flow Study to determine what hazardous materials are used, stored, and shipped through the county.

**Status:** On-going.

*Objective LL7.2:* Increase the county's capabilities to react to a hazardous materials incident.

*Strategy LL7.2.1:* Increase the number of individuals in the county that are certified to conduct hazardous materials clean-ups.

**Status:** Completed.

*Strategy LL7.2.2:* Provide all necessary equipment to agencies with certified personnel to properly clean up a hazardous materials release or spill.

**Status:** Completed.

*Strategy LL7.2.3:* Facilitate the creation of safe zones as places where residents can go in the event of a large scale hazardous materials incident. Further, publicize the location and access routes to these safe zones.

**Status:** On-going.

*Objective LL7.3:* Establish emergency routes for evacuation in the event of a large scale hazardous materials release or spill.

*Strategy LL7.3.1:* Improve the condition of County Route 56 near the Community of Simpson to provide an evacuation route for the citizens of that community.

**Status:** Completed.

**Goal LL8: Protect Taylor County's populations and critical assets from landslides.**

*Objective LL8.1:* Minimize future damage from landslides throughout Taylor county by increasing control over construction activities.

*Strategy LL8.1.1:* Instate countywide building codes, which will regulate the number of buildings constructed, the materials used in buildings that are constructed, and the locations in which buildings are constructed.

**Status:** On-going.

*Strategy LL8.1.2:* Enforce existing building codes that are already in place.

**Status:** Completed.

*Strategy LL8.1.3:* Develop ordinances requiring logging companies to clean and replant areas that they log. The ordinance should include the amount or replanting that is expected.

**Status:** New.

**Goal LL9: Reduce damages from severe thunderstorms in Taylor County.**

*Objective LL9.1:* Increase public awareness that a severe thunderstorm is imminent.

*Strategy LL9.1.1:* Coordinate with the National Weather Service in Pittsburgh, Pennsylvania to warn residents of impending severe thunderstorm conditions.

**Status:** Completed and on-going.

*Strategy LL9.1.2:* Conduct NWS Storm Spotter classes.

**Status:** New.

*Strategy LL9.1.3:* Encourage the use of NOAA Weather Radios among residents that continuously broadcast NWS forecasts and provide direct warnings to the public.

**Status:** New.

**Goal LL10: Reduce damages from severe wind and tornadoes in Taylor County.**

*Objective LL10.1:* Increase public awareness that severe wind or a tornado is imminent.

*Strategy LL10.1.1:* Develop an informational brochure describing proper safety procedures to following during a tornado or severe windstorm.

**Status:** Completed and on-going.

*Objective LL10.2:* Minimize future damage from severe wind or tornadoes throughout Taylor County by increasing control over construction activities.

*Strategy LL10.2.1:* Reduce the risk of mobile home damage by suggesting the use of tie-downs with ground anchors appropriate for the soil type.

**Status:** New.

*Strategy LL10.2.2:* Ensure that all shelters have adequate emergency power resources.

**Status:** New.

*Objective LL10.3:* Evaluate existing shelters to determine adequacy for current and future populations.

*Strategy LL10.3.1:* Establish a protocol for the sharing of annual shelter survey information between the local American Red Cross and the TCOES.

**Status:** New.

**Goal LL11: Reduce the negative effects of severe winter storms in Taylor County.**

*Objective LL11.1:* Gain access to remote areas during hazard events such as large snowstorms.

*Strategy LL11.1.1:* Maintain emergency response equipment capable of accessing remote areas of the county, such as four wheelers, tractors, etc.

**Status:** Completed.

*Strategy LL11.1.2:* Coordinate with local private contractors to develop mutual aid agreements for emergency snow removal, also develop a Debris Management Plan that can be implemented following a disaster occurrence.

**Status:** New.

**Goal LL12: Protect Taylor County's population from a heat wave.**

*Objective 12.1:* Increase public knowledge of protective measures to take during a heat wave.

*Strategy 12.1.1:* Develop an informational brochure to distribute to local residents.

**Status:** Completed.

**Goal LL13: Protect the general public in Taylor County from biological, chemical, and WMD terrorist attacks.**

*Objective LL13.1:* Increase countywide preparedness pertaining to terrorist attacks.

*Strategy LL13.1.1:* Increase the knowledge of the general public concerning preparedness through the preparation of informational brochures, town meetings, training seminars, etc.

**Status:** On-going.

*Strategy LL13.1.2:* Coordinate with local media to alert the public as to the most current threat status.

**Status:** On-going.

*Strategy LL13.1.3:* Develop and/or enhance terrorist incident response annexes in the county EOP.

**Status:** New.

*Objective LL13.2:* Enact response programs to cope with terrorist attacks should they occur.

*Strategy LL13.2.1:* Establish trauma centers at local schools and churches to offer medical attention and counseling to affected populations in the event of a terrorist attack.

**Status:** On-going.

*Strategy LL13.2.2:* Continue education and training efforts of first responders and emergency personnel.

**Status:** On-going.

*Strategy LL13.2.3:* Make arrangements or otherwise establish mass morgue facilities to be used following potential mass casualty events.

**Status:** New.

*Objective LL13.3:* Increase security around major industrial and critical infrastructural assets in the county.

*Strategy LL13.3.1:* Coordinate with local and state law enforcement to increase security at the major assets throughout the county.

**Status:** On-going.

<p><b>Goal LL14: Reduce the negative effects of utility failures throughout Taylor County.</b></p>
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*Objective LL14.1:* Improve and extend emergency communications systems' capabilities countywide.

*Strategy LL14.1.1:* Obtain new communications equipment and/or upgrade existing communications equipment.

**Status:** Completed.

*Strategy LL14.1.2:* Establish communications systems to enable inter-departmental communication between local fire departments and law enforcement agencies.

**Status:** Completed.

*Strategy LL14.1.3:* Restrict non-critical phone usage during emergency situations by instating a line-load program through the telephone company.

**Status:** On-going.

*Objective LL14.2:* Protect communications systems from a potential electrical fire.

*Strategy LL14.2.1:* Develop and make available a back-up communications system, such as HAM radio operations.

**Status:** Completed.

*Objective LL14.3:* Upgrade feeder lines in rural areas to improve access to the electrical infrastructure.

*Strategy LL14.3.1:* Increase the number of feeder lines into rural areas so as to create back-up electricity in the event that one of the feeder lines fails.

**Status:** On-going.

*Strategy LL14.3.2:* Decrease the probability of utility failures as a direct result of severe thunderstorms by coordinating with the power company to periodically trim trees near power lines to prevent limb breakage and power failures.

**Status:** New.

*Objective LL14.4:* Eliminate the potential for disruption of water distribution.

*Strategy LL14.4.1:* Purchase and install industrial size generators to serve as backup power at all critical utility facilities.

**Status:** New.

<p><b>Goal LL15: Protect Taylor County's populations and forests from wildfires.</b></p>
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*Objective LL15.1:* Educate the public on fires safety and how to avoid starting wildfires.

*Strategy LL15.1.1:* Distribute information concerning the leading causes of wildfires and steps the general public can take to avoid starting wildfires.

**Status:** Completed and on-going.

*Strategy LL15.1.2:* Create displays for children's programs that teach safety. Examples of information to be used would be similar to that on the FEMA for kids CD and/or the Sparky Fire Safety Program.

**Status:** New.

*Strategy LL15.1.3:* Encourage residents and businesses to maintain their property in or near forested areas (including short grass; thinned trees and removal of low hanging branches, cleaning of dead or dry leaves, needles, twigs, etc.), and to create a buffer zone (defensible space) between structures and adjacent forests.

**Status:** New.

*Strategy LL15.1.4:* Encourage residents in rural areas to inspect and clean their chimneys at least once a year.

**Status:** New.

#### TERRA ALTA, TOWN OF

<p><b>Goal MM1: Reduce the negative impact of severe winter weather in the Town of Terra Alta.</b></p>
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*Objective MM1.1:* Reduce the amount of blowing and drifting snow over the roadways of Terra Alta.

*Strategy MM1.1.1:* Consider constructing snow fences or planting rows of trees to serve as living snow fences to limit blowing and drifting snow over critical roadways.

**Status:** On-going.

TUNNELTON, TOWN OF

**Goal NN1: Reduce property damage in Tunnelton as a result of mine subsidence.**

*Objective NN1.1:* Take actions to limit the number of structures built on known mine subsidence areas.

*Strategy NN1.1.1:* Conduct a mapping project to identify old mining areas or geologically unstable terrain so that development can proceed accordingly in those areas.

**Status:** On-going.

WEST MILFORD, TOWN OF

**Goal OO1: Reduce flood damage in West Milford.**

*Objective OO1.1:* Minimize future damage due to flooding of the West Fork River and tributaries.

*Strategy OO1.1.1:* Amend floodplain ordinance for compliance with the NFIP regulations.

**Status:** On-going.

*Strategy OO1.1.2:* Establish procedure to amend ordinances as NFIP regulations change.

**Status:** On-going.

*Strategy OO1.1.3:* Establish a public education process for utilities, businesses, and residences regarding floodplain management, to include:

- Permit process;
- Elevation of existing and new residences above flood elevation;
- Elevation of existing and new electrical and mechanical devices above flood elevation;
- Storage of documents, personal objectives, and inventory above floodplain;
- Identification and relocation of stored hazardous materials; and
- Installation of flood walls or shields, as applicable.

**Status:** On-going.

*Strategy OO1.1.4:* Continuation of acquisition and demolition of FEMA-identified repetitive loss structures.

**Status:** On-going.

*Strategy OO1.1.5:* Revise subdivision regulations to require provision for open space on land that is in the floodplain.

**Status:** On-going.

*Strategy OO1.1.6:* Continue and expand the intergovernmental agreement process between the county and municipalities in order to provide floodplain management by a certified floodplain manager.

**Status:** On-going.

*Strategy OO1.1.7:* Design and implement a countywide housing rehab program which addresses code violations, elevation, and flooding.

**Status:** On-going.

<p><b>Goal OO2: Reduce damage in West Milford due to severe winter storms.</b></p>
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*Objective OO2.1:* Minimize future damage due to severe winter storms.

*Strategy OO2.1.1:* Adopt and enforce the state building code.

**Status:** On-going.

**Goal OO3: Reduce damage in West Milford due to wind storms, thunderstorms, hailstorms, and tornadoes.**

*Objective OO3.1:* Minimize damage due to wind storms, thunderstorms, hailstorms, and tornadoes.

*Strategy OO3.1.1:* Adopt and enforce the state building code.

**Status:** On-going.

**Goal OO4: Reduce damage in West Milford due to fires.**

*Objective OO4.1:* Minimize damage due to fires.

*Strategy OO4.1.1:* Establish a county fire board in order to provide a mechanism for county residents to obtain fire hydrants and other fire suppression tools.

**Status:** On-going.

**Goal OO5: Improve delivery of services during any emergency or catastrophic event.**

*Objective OO5.1:* Minimize damage improving delivery of services during any emergency or catastrophic event.

*Strategy OO5.1.1:* Continue and expand the intergovernmental agreement process between the county, municipalities, and other public agencies to encourage cooperation, to eliminate duplication of duties to provide cost-effective services to citizens.

**Status:** On-going.

WEST UNION, TOWN OF

**Goal PP1: Decrease the amount of property damage in West Union as a result of flooding.**

*Objective PP1.1:* Reduce the number of properties that are exposed to flooding.

*Strategy PP1.1.1:* Conduct acquisition and relocation projects in the Town of West Union, and adopt ordinances that limit development in the floodplain.

**Status:** On-going.

*Objective PP1.2:* Lessen flood damage by preserving the natural course of waterways, and conducting structural projects.

*Strategy PP1.2.1:* Clean Middle Island Creek and its floodplain, clearing log jams, trees and shrubs, and sediment bars.

**Status:** On-going.

**Goal PP2: Improve the delivery and effectiveness of warning messages throughout West Union.**

*Objective PP2.1:* Provide the residents of West Union with advance warnings of severe weather.

*Strategy PP2.1.1:* Increase the coverage area and use of NOAA Weather Radios throughout the Town of West Union.

**Status:** On-going.

**Goal PP3: Reduce the negative impact of severe winter weather in the Town of West Union.**

*Objective PP3.1:* Reduce the amount of blowing and drifting snow over the roadways of West Union.

*Strategy PP3.1.1:* Consider constructing snow fences or planting rows of trees to serve as living snow fences to limit blowing and drifting snow over critical roadways

**Status:** On-going.

WESTOVER, CITY OF

**Goal QQ1: Lessen the negative effects of a drought.**

*Objective QQ1.1:* Ensure that residents understand the drought hazard and how to mitigate it.

*Strategy QQ1.1.1:* Develop an informational brochure to distribute to local farmers and residents.

**Status:** Completed.

*Strategy QQ1.1.2:* Educate local residents on the benefits of conserving water at all times, not just during a drought.

**Status:** Completed and on-going.

**Goal QQ2: Mitigate potential damage from minor earthquakes.**

*Objective QQ2.1:* Ensure that residents understand the earthquake risk in Monongalia County.

*Strategy QQ2.1.1:* Develop an informational brochure explaining the potential for earthquakes as well as the potential damages from those earthquakes. The brochure should include information on measures to take to safe-proof homes and other structures from the potential effects of earthquakes.

**Status:** Completed and on-going.

**Goal QQ3: Proactively mitigate the potential damage from land subsidence throughout the county.**

*Objective QQ3.1:* Consider revising codes and other ordinances to protect future assets from land subsidence.

*Strategy QQ3.1.1:* Educate the public as to the benefits of building codes and overall community and land use planning as well as advantages to mitigation planning.

**Status:** Completed and on-going.

*Strategy QQ3.1.2:* Enforce existing building codes and planning regulations that are already in place.

**Status:** Completed.

*Strategy QQ3.1.2:* Strictly enforce ground disturbance permitting regulations, such as new MS4 requirements, in municipal and county jurisdictions.

**Status:** On-going.

*Objective QQ3.2:* Undertake projects to sure up areas susceptible to slippage and/or erosion.

*Strategy QQ3.2.1:* Undertake active re-vegetation and other storm water programs to cover areas of bare ground that may be susceptible to erosion.

**Status:** Completed and on-going.

### **Goal QQ4: Prepare for potential epidemic situations.**

*Objective: QQ4.1:* Undertake planning projects to protect the county's population from epidemic and pandemic situations.

*Strategy QQ4.1.1:* Produce public awareness campaigns via various local media outlets.

**Status:** Completed and on-going.

### **Goal QQ5: Lessen damage from hail events.**

*Objective QQ5.1:* Provide adequate warning of storm events.

*Strategy QQ5.1.1:* Coordinate efforts with local media to post advance warnings of hailstorms.

**Status:** Completed and on-going.

### **Goal QQ6: Lessen damage from thunderstorm events.**

*Objective QQ6.1:* Provide adequate warning of storm events.

*Strategy QQ6.1.1:* Coordinate with the NWS in Pittsburgh, Pennsylvania to warn residents of impending severe thunderstorm conditions.

**Status:** Completed and on-going.

**Goal QQ7: Lessen the negative impacts of severe wind and tornadoes.**

*Objective QQ7.1:* Provide adequate warning of storm events.

*Strategy QQ7.1.1:* Coordinate with the NWS in Pittsburgh, Pennsylvania to warn residents of impending severe wind and possible tornado conditions.

**Status:** Completed and on-going.

*Objective QQ7.2:* Educate residents on the extent of the severe wind risk in Monongalia County.

*Strategy QQ7.2.1:* Develop an informational brochure to distribute to local residents.

**Status:** Completed.

**Goal QQ8: Lessen damage from winter storms.**

*Objective QQ8.1:* Ensure adequate emergency services to protect the population of the county during winter storm events.

*Strategy QQ8.1.1:* Continue outfitting and preparing the winter rescue team to ensure that emergency responders can access all parts of the county.

**Status:** On-going.

*Strategy QQ8.1.2:* Enforce existing building codes and planning requirements that are already in place.

**Status:** Completed and on-going.

**Goal QQ9: Continue to strengthen response capabilities to urban fires and wildfires.**

*Objective QQ9.1:* Educate the public on the fire risk, to include avoidance measures.

*Strategy QQ9.1.1:* Distribute information concerning the leading causes of wildfires and steps the general public can take to avoid starting wildfires.

**Status:** Completed and on-going.

*Objective QQ9.2:* Increase the number of training opportunities aimed at increasing participating jurisdictions' capability to respond to fire incidents.

*Strategy QQ9.2.1:* Continue to train and organize local fire service personnel to assist in the investigation of structural fires and the citation of code violations through a certification program made available to local fire chiefs.

**Status:** On-going.

*Strategy QQ9.2.2:* Coordinate with the WVFSM to extend the jurisdiction of deputized fire marshals to a statewide jurisdiction.

**Status:** On-going.

*Strategy QQ9.2.3:* Certify police departments, who have arrest powers, to handle arson investigations in place of fire departments, who do not have arrest powers (include a modified version of the State Police Academy to provide such training).

**Status:** On-going.

*Objective QQ9.3:* Undertake public awareness campaigns to strengthen the participating jurisdictions' capabilities to respond to fire events.

*Strategy QQ9.3.1:* Facilitate public awareness campaigns aimed at recruiting more volunteers at volunteer fire departments.

**Status:** Completed and on-going.

*Strategy QQ9.3.2:* Continue public awareness campaigns in schools, etc.

**Status:** Completed and on-going.

**Goal QQ10: Lesson the negative effects of utility failures such as communications, electricity, natural gas, water, and wastewater service failures.**

*Objective QQ10.1:* Coordinate with utility providers to facilitate a better emergency response capability.

*Strategy QQ10.1.1:* Encourage Allegheny Power to undertake projects to increase the number of feeder lines into rural areas so as to create back-up electricity in the event that one of the feeder lines fails.

**Status:** On-going.

*Strategy QQ10.1.2:* Encourage Allegheny Power to allow employees to take company vehicles home to be available for emergency call-outs in the event of a downed electric line. These actions will free-up local emergency responders who normally monitor the downed line.

**Status:** On-going.

*Objective QQ10.2:* Educate the community as to steps that can be taken to prevent long-term utility failures.

*Strategy QQ10.2.1:* Encourage representatives from the county's assets (e.g. company leaders, etc.) to draft and distribute guidelines to implement in the event of an HVAC failure.

**Status:** Completed and on-going.

*Objective QQ10.3:* Create a local capability to enable community assets to prevent utility failures.

*Strategy QQ10.3.1:* Instate a grant or low-interest loan program to help individual residents finance generators and other back-up electricity systems.

**Status:** On-going.

**Goal QQ11: Prolong resource availability for as long as possible during emergencies.**

*Objective QQ11.1:* Educate the public regarding the potential for resource shortages; also, develop a notification capability to warn residents of shrinking resource supplies.

*Strategy QQ11.1.1:* Coordinate with local media to announce low resource supplies.

**Status:** Completed and on-going.

*Strategy QQ11.1.2:* Coordinate with local media to announce low fuel supplies.

**Status:** Completed and on-going.

*Strategy QQ11.1.3:* Increase public knowledge as to resource conservation by distributing information to new and existing customers.

**Status:** Completed and on-going.

**Goal QQ12: Prevent civil disturbances.**

*Objective QQ12.1:* Strengthen law enforcement presence at large gatherings.

*Strategy QQ12.1.1:* Increase security at large gatherings, festivals, sporting events, etc. throughout the county and municipalities. Examples include events at Mylan Park, Mountain Fest, and events at WVU.

**Status:** On-going.

**Goal QQ13: Prevent hazardous material incidents.**

*Objective QQ13.1:* Identify potential problem areas within the transportation networks of Monongalia County.

*Strategy QQ13.1.1:* Assess the feasibility of cleaning up busy intersections.

**Status:** Completed and on-going.

*Strategy QQ13.1.2:* Evaluate railroad and roadway intersections for warning systems, etc.

**Status:** Completed and on-going.

*Strategy QQ13.1.3:* Evaluate dams and locks that plan an integral role in water transportation.

**Status:** Completed and on-going.

*Objective QQ13.2:* Ensure that the public is both aware of the hazardous material risk and potential protective measures.

*Strategy QQ13.2.1:* Publicize evacuation plans.

**Status:** Completed and on-going.

*Strategy QQ13.2.2:* Facilitate the creation of safe zones as places where residents can go in the event of a hazardous material incident. Further, publicize the location and access to these safe zones.

**Status:** Completed and on-going.

<p><b>Goal QQ14: Prevent acts of terrorism.</b></p>
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*Objective QQ14.1:* Protect vulnerable populations from terrorist acts.

*Strategy QQ14.1.1:* Encourage schools to adopt and/or upgrade procedural and evacuation plans in the event of a bomb threat.

**Status:** Completed and on-going.

*Objective QQ14.2:* Undertake planning projects to build a response capability to terrorist incidents.

*Strategy QQ14.2.1:* Encourage county assets to instate and/or update procedural and evacuation plans in the event of a bomb threat.

**Status:** Completed.

*Strategy QQ14.2.2:* Establish trauma centers to offer medical attention and counseling to affected populations in the event of a bomb explosion.

**Status:** Completed and on-going.

*Objective QQ14.3:* Educate the public regarding preparedness for acts of terrorism.

*Strategy QQ14.3.1:* Increase the knowledge of the general public concerning preparedness through the preparation of informational brochures, town meetings, training seminars, etc.

**Status:** Completed and on-going.

*Objective QQ14.4:* Plan for the emotional and psychological needs of the population during and following terrorist incidents.

*Strategy QQ14.4.1:* Establish trauma centers to offer medical attention and counseling to affected populations in the event of a terrorist event.

**Status:** Completed and on-going.

*Objective QQ14.5:* Facilitate agency collaboration to better prepare for terrorist incidents.

*Strategy QQ14.5.1:* Coordinate with first responders for interagency cooperation to assist in collaborative planning.

**Status:** Completed and on-going.

*Strategy QQ14.5.2:* Continue education and training efforts of first responders and emergency personnel.

**Status:** Completed and on-going.

WHITE HALL, TOWN OF

**Goal RR1: Lessen flood-related losses.**

*Objective RR1.1:* Minimize future flood damage throughout Marion County by increasing control over development in the floodplain.

*Strategy RR1.1.1:* Use municipal regulations as models to develop a countywide permitting process to supplement the measures taken by lending institutions to monitor new construction in the floodplain.

**Status:** On-going.

*Strategy RR1.1.2:* Update countywide zoning ordinance in accordance with updated information from flood zone mapping to regulate the type of development that occurs in the floodplain.

**Status:** Completed.

*Objective RR1.2:* Increase public awareness of impending floods

*Strategy RR1.2.1:* Continue to educate faculty and staff at schools on NOAA radio usage.

**Status:** On-going.

*Objective RR1.3:* Determine what projects can be implemented to reduce the vulnerability of the county in the event of a dam breachment.

*Strategy RR1.3.1:* Coordinate with the Soil Conservation Service to continue updating the map showing areas that would be affected by a dam failure.

**Status:** On-going.

**Goal RR2: Reduce the negative effects of severe winter storms in The Town of White Hall.**

*Objective RR2.1:* Streamline snow removal processes to better serve county residents.

*Strategy RR2.1.1:* Update resource list of contracts with snow removal agencies.

**Status:** On-going.

**Goal RR3: Reduce the negative effects of landslides in White Hall.**

*Objective RR3.1:* Develop more effective response mechanisms when landslides occur.

*Strategy RR3.1.1:* Establish procedures with companies to clean up material from a landslide quickly and to monitor areas of high risk.

**Status:** On-going.

*Objective RR3.2:* Continue monitoring the slippage repairs along US Route 250 near White Hall.

*Strategy RR3.2.1:* Coordinate with WVDOH to monitor the slippage on US Route 250.

**Status:** On-going.

**Goal RR4: Lessen the effects of severe thunderstorms in White Hall.**

*Objective RR4.1:* Increase public awareness that a severe thunderstorm is imminent

*Strategy RR4.1.1:* Continue to coordinate with the National Weather Service in Pittsburgh, Pennsylvania to warn residents of impending severe thunderstorm conditions.

**Status:** Completed and on-going.

*Strategy RR4.1.2:* Continue to monitor and maintain the three (3) rain gauges installed at strategic points throughout the county. Use these gauges in conjunction with the new weather station to monitor current and developing weather incidents.

**Status:** On-going.

**Goal RR5: Reduce the negative effects of drought on White Hall.**

*Objective RR5.1:* Upgrade or extend public infrastructure systems throughout Marion County.

*Strategy RR5.1.1:* Extend public water service to communities currently without service.

**Status:** Deleted.

*Strategy RR5.1.2:* Develop plans and schedules with the Department of Agriculture to haul water to residents during drought conditions.

**Status:** On-going.

**Goal RR6: Generally lesson the effects of disasters in White Hall.**

*Objective RR6.1:* Undertake general mitigation projects to address a variety of hazards.

*Strategy RR6.1.1:* Equip shelter facilities to provide back-up power.

**Status:** On-going.

*Strategy RR6.1.2:* Maintain and update the early warning systems that are in place throughout the county.

**Status:** On-going.

*Strategy RR6.1.3:* Undertake additional planning efforts to measure Marion County's susceptibility to technological and man-made hazards.

**Status:** On-going.

WORTHINGTON, TOWN OF

**Goal SS1: Lessen flood-related losses.**

*Objective SS1.1:* Minimize future flood damage throughout Marion County by increasing control over development in the floodplain.

*Strategy SS1.1.1:* Use municipal regulations as models to develop a countywide permitting process to supplement the measures taken by lending institutions to monitor new construction in the floodplain.

**Status:** On-going.

*Strategy SS1.1.2:* Update countywide zoning ordinance in accordance with updated information from flood zone mapping to regulate the type of development that occurs in the floodplain.

**Status:** Completed.

*Objective SS1.2:* Increase public awareness of impending floods

*Strategy SS1.2.1:* Continue to educate faculty and staff at schools on NOAA radio usage.

**Status:** On-going.

*Objective SS1.3:* Determine what projects can be implemented to reduce the vulnerability of the county in the event of a dam breachment.

*Strategy SS1.3.1:* Coordinate with the Soil Conservation Service to continue updating the map showing areas that would be affected by a dam failure.

**Status:** On-going.

**Goal SS2: Reduce the negative effects of severe winter storms in The Town of Worthington.**

*Objective SS2.1:* Streamline snow removal processes to better serve county residents.

*Strategy SS2.1.1:* Update resource list of contracts with snow removal agencies.

**Status:** On-going.

**Goal SS3: Reduce the negative effects of landslides in Worthington.**

*Objective SS3.1:* Develop more effective response mechanisms when landslides occur.

*Strategy SS3.1.1:* Establish procedures with companies to clean up material from a landslide quickly and to monitor areas of high risk.

**Status:** On-going.

**Goal SS4: Lessen the effects of severe thunderstorms in Worthington.**

*Objective SS4.1:* Increase public awareness that a severe thunderstorm is imminent

*Strategy SS4.1.1:* Continue to coordinate with the National Weather Service in Pittsburgh, Pennsylvania to warn residents of impending severe thunderstorm conditions.

**Status:** Completed and on-going.

*Strategy SS4.1.2:* Continue to monitor and maintain the three (3) rain gauges installed at strategic points throughout the county. Use these gauges in conjunction with the new weather station to monitor current and developing weather incidents.

**Status:** On-going.

**Goal SS5: Reduce the negative effects of drought on Worthington.**

*Objective SS5.1:* Upgrade or extend public infrastructure systems throughout Marion County.

*Strategy SS5.1.1:* Extend public water service to communities currently without service.

**Status:** Deleted.

*Strategy SS5.1.2:* Develop plans and schedules with the Department of Agriculture to haul water to residents during drought conditions.

**Status:** On-going.

<p><b>Goal SS6: Generally lesson the effects of disasters in Worthington.</b></p>
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*Objective SS6.1:* Undertake general mitigation projects to address a variety of hazards.

*Strategy SS6.1.1:* Equip shelter facilities to provide back-up power.

**Status:** On-going.

*Strategy SS6.1.2:* Maintain and update the early warning systems that are in place throughout the county.

**Status:** On-going.

*Strategy SS6.1.3:* Undertake additional planning efforts to measure Marion County's susceptibility to technological and man-made hazards.

**Status:** On-going.

## 3.2 IDENTIFICATION AND ANALYSIS OF MITIGATION ACTIONS

§201.6(c)(3)(ii) [The mitigation strategy shall include a] section that identifies and analyzes a comprehensive range of specific mitigation actions and projects being considered to reduce the effects of each hazard, with particular emphasis on new and existing buildings and infrastructure.

This portion of the plan builds on the strategies list presented in Section 3.1. Whereas Section 3.1 simply lists the mitigation goals, objectives, and strategies, this section analyzes those strategies as projects and discusses how they should be implemented. (\*NOTE: “Strategies” are considered mitigation “projects”.) Each strategy is listed along with a timeframe, primary coordinator, support agencies, potential funding source (and cost estimate), and its current status. Strategies are also categorized by six (6) different types of mitigation projects:

1. Prevention,
2. Property protection,
3. Natural resource protection,
4. Structural projects,
5. Emergency services, and
6. Public education and awareness.

It is important to note that the cost estimates are tentative and meant as a starting point for research on project feasibility. More specifically, these cost estimates are only ranges of probable project costs; all figures are approximations. At the time the implementation of any strategy is considered, a full cost estimate should be sought prior to securing funding. The Benefit-Cost Review was emphasized in the prioritization process. Mitigation actions were evaluated by their pros and cons, which are represented as costs and benefits.

Finally, as a navigational note, this section only contains current mitigation projects (organized by jurisdiction). If the status indicator in Section 3.1 classified as project as “Completed” or “Deleted”, it will not be listed below (unless the Hazard Mitigation Core Planning Committee chose to re-list the project because of a future benefit). As a result (especially during future updates), the strategy numbers may not run consecutively (e.g., Strategy X.1.5 may follow Strategy X.1.3).

## REGION VI PLANNING & DEVELOPMENT COUNCIL AREA

*Strategy 1.1.1:* Maintain compliance with the National Flood Insurance Program (NFIP) at the jurisdictional level by attending training, monitoring development, and ensuring that local floodplain regulations are as current and applicable as possible.

**Timeframe:** 5 years

**Cost Estimate** Maintaining compliance is typically an administrative undertaking that  
*(Potential Funding):* would require little to no additional funding (N/A)

**Coordinating Agency:** Local Floodplain Coordinators  
Local Planning Commissions

**Support Agencies:** County Commissions  
Municipal Councils

**Mitigation Type:** Prevention

**Status:** This strategy was added as part of this update.

*Strategy 1.1.2:* Undertake buyout, elevation, and/or relocation projects in the Region VI Planning and Development Council area when and if funding is available.

**Timeframe:** 5 years

**Cost Estimate** Up to \$100,000 (avg.) per property purchased (Hazard Mitigation  
*(Potential Funding):* Grant Program [HMGP])

**Coordinating Agency:** Local Floodplain Coordinators  
Local Planning Commissions

**Support Agencies:** County Commissions  
Municipal Councils

**Mitigation Type:** Prevention

**Status:** This strategy was added as part of this update.

*Strategy 2.1.1:* Coordinate, as appropriate, with partners throughout the region to identify the location of privately-owned dams.

**Timeframe:** On-going

**Cost Estimate** Coordination with partner entities should require little to no additional  
*(Potential Funding):* funding (N/A)

**Coordinating Agency:** County Emergency Managers

**Support Agencies:** N/A

**Mitigation Type:** Public Education and Awareness

**Status:** This strategy was added as part of this update.

*Strategy 3.1.1:* Undertake public outreach campaigns that better describe the risk to such hazards as earthquakes, severe wind, wildfires, etc.

**Timeframe:** On-going

**Cost Estimate** Up to \$2,500 per campaign (Pre-Disaster Mitigation [PDM], Local  
(*Potential Funding*): funding)

**Coordinating Agency:** County Emergency Managers

**Support Agencies:** N/A

**Mitigation Type:** Public Education and Awareness

**Status:** This strategy was added as part of this update.

*Strategy 3.2.1:* Coordinate with critical facilities throughout the region to ensure access to National Oceanic and Atmospheric Administration (NOAA) all-hazard radios.

**Timeframe:** On-going

**Cost Estimate** Coordination should require little to no additional funding (N/A)  
(*Potential Funding*):

**Coordinating Agency:** County Emergency Managers

**Support Agencies:** Critical Facility Representatives

**Mitigation Type:** Public Education and Awareness

**Status:** This strategy was added as part of this update.

*Strategy 3.2.2:* Ensure coordination with the National Weather Service (NWS) to enhance warnings of impending severe weather.

**Timeframe:** On-going

**Cost Estimate** Coordination should require little to no additional funding (N/A)  
(*Potential Funding*):

**Coordinating Agency:** County Emergency Managers

**Support Agencies:** N/A

**Mitigation Type:** Public Education and Awareness

**Status:** This strategy was added as part of this update.

ALBRIGHT, TOWN OF

*Strategy A1.1.2:* Conduct acquisition and relocation projects in the Town of Albright, and adopt ordinances that limit development in the floodplain.

**Timeframe:** 2 years

**Cost Estimate** Up to \$70,000 to \$100,000 per house (Local funding, Flood

*(Potential Funding):* Mitigation Assistant [FMA]).

**Coordinating Agency:** Preston County Commission

**Support Agencies:** Floodplain Manager

**Mitigation Type:** Property Protection

**Status:** Albright has a trained floodplain coordinator.

ANMOORE, TOWN OF

*Strategy B1.1.1:* Amend floodplain ordinance for compliance with the NFIP regulations.

**Timeframe:** 3 years

**Cost Estimate** Amendment of the ordinance should require little to no additional  
(Potential Funding): funding (N/A)

**Coordinating Agency** Anmoore Floodplain Coordinator

**Support Agencies:** Harrison County Planning Commission

**Mitigation Type:** Prevention

**Status:** The county is updating its ordinance and the town will wait until that is done so that it will be consistent.

*Strategy B1.1.2:* Establish procedure to amend ordinances as NFIP regulations change.

**Timeframe:** 3 years

**Cost Estimate** Amendment of the ordinance should require little to no additional  
(Potential Funding): funding (N/A)

**Coordinating Agency** Anmoore Floodplain Coordinator

**Support Agencies:** Harrison County Planning Commission

**Mitigation Type:** Prevention

**Status:** This strategy represents an on-going initiative.

*Strategy B1.1.3:* Establish a public education process for utilities, businesses, and residences regarding floodplain management, to include:

- Permit process;
- Elevation of existing and new residences above flood elevation;
- Elevation of existing and new electrical and mechanical devices above flood elevation;
- Storage of documents, personal objectives, and inventory above floodplain;
- Identification and relocation of stored hazardous materials; and
- Installation of flood walls or shields, as applicable.

**Timeframe:** 5 years

**Cost Estimate** Public outreach should require little to no additional funding if done in

(Potential Funding): tandem with other initiatives (Local funding, PDM)

**Coordinating Agency** Town of Anmoore

**Support Agencies:** Harrison County Bureau of Emergency Services

**Mitigation Type:** Public Education and Awareness

**Status:** This strategy represents an on-going initiative.

*Strategy B1.1.4:* Continuation of acquisition and demolition of Federal Emergency Management Agency (FEMA)-identified repetitive loss structures.

**Timeframe:** 5 years

**Cost Estimate** Up to \$95,500 per purchase (HMGP, Community Development Block

(Potential Funding): Grant [CDBG])

**Coordinating Agency** Town of Anmoore

**Support Agencies:** Harrison County Planning Commission

Harrison County Commission

**Mitigation Type:** Prevention

**Status:** This project is considered as and if funding is available.

*Strategy B1.1.5:* Revise subdivision regulations to require provision for open space on land that is in the floodplain.

**Timeframe:** 3 years  
**Cost Estimate** Maintenance of the ordinance should require little to no additional  
**(Potential Funding):** funding (N/A)  
**Coordinating Agency** Town of Anmoore  
**Support Agencies:** Harrison County Planning Commission  
**Mitigation Type:** Prevention  
**Status:** The county is updating its ordinance and the town will wait until that is done so that it will be consistent.

*Strategy B1.1.6:* Continue and expand the intergovernmental agreement process between the county and municipalities in order to provide floodplain management by a certified floodplain manager.

**Timeframe:** 5 years  
**Cost Estimate** Cooperation between jurisdictions should require little to no additional  
**(Potential Funding):** funding (N/A)  
**Coordinating Agency** Town of Anmoore  
**Support Agencies:** N/A  
**Mitigation Type:** Public Education and Awareness  
**Status:** This strategy represents an on-going, cooperative arrangement between the governmental jurisdictions of Harrison County.

*Strategy B1.1.7:* Design and implement a countywide housing rehab program which addresses code violations, elevation, and flooding.

**Timeframe:** 5 years  
**Cost Estimate** Up to \$500,000 per project, contingent on number of rehabs  
**(Potential Funding):** (Community Development Financial Institution [CDFI], Banks, Other State/Federal Sources)  
**Coordinating Agency** Town of Anmoore  
**Support Agencies:** Harrison County Planning Commission  
Harrison County Landmark Commission  
Harrison County Redevelopment Authority  
**Mitigation Type:** Prevention  
**Status:** This strategy represents an on-going effort and is considered as funding is available.

*Strategy B2.1.1:* Adopt and enforce the state building code.

- Timeframe:** 3 years
- Cost Estimate** Updating the ordinance should require little to no additional funding;  
**(Potential Funding):** enforcement may require funds (Local funding)
- Coordinating Agency** Town of Anmoore
- Support Agencies:** Harrison County Planning Commission
- Mitigation Type:** Prevention
- Status:** This strategy represents an on-going effort (i.e., the ordinance is updated when the state code is updated).

*Strategy B3.1.1:* Adopt and enforce the state building code.

- Timeframe:** 3 years
- Cost Estimate** Updating the ordinance should require little to no additional funding;  
**(Potential Funding):** enforcement may require funds (Local funding)
- Coordinating Agency** Town of Anmoore
- Support Agencies:** Harrison County Planning Commission
- Mitigation Type:** Prevention
- Status:** This strategy represents an on-going effort (i.e., the ordinance is updated when the state code is updated).

*Strategy B4.1.1:* Establish a county fire board in order to provide a mechanism for county residents to obtain fire hydrants and other fire suppression tools.

- Timeframe:** 5 years
- Cost Estimate** Investigation and other efforts should require little to no additional  
**(Potential Funding):** funds (N/A)
- Coordinating Agency** Anmoore VFD
- Support Agencies:** Town of Anmoore  
Harrison County Commission
- Mitigation Type:** Emergency Services
- Status:** A county fire board is in existence and it can establish fire fees for certain areas of the county; this strategy remains in the plan to allow local officials the opportunity to investigate the possibility of using this code section as a method to assist in financing fire departments.

*Strategy B5.1.1:* Continue and expand the intergovernmental agreement process between the county, municipalities, and other public agencies to encourage cooperation, to eliminate duplication of duties to provide cost-effective services to citizens.

**Timeframe:** 5 years

**Cost Estimate** Cooperation between jurisdictions should require little to no additional  
(Potential Funding): funding (N/A)

**Coordinating Agency** Town of Anmoore

**Support Agencies:** N/A

**Mitigation Type:** Public Education and Awareness

**Status:** This strategy represents an on-going, cooperative arrangement between the governmental jurisdictions of Harrison County.

BARRACKVILLE, TOWN OF

*Strategy C1.1.1:* Use municipal regulations as models to develop a countywide permitting process to supplement the measures taken by lending institutions to monitor new construction in the floodplain.

**Timeframe:** 1 year

**Cost Estimate** No additional funding necessary; however, there may be

**(Potential Funding):** administrative costs associated with code enforcement. (N/A)

**Coordinating Agency** Municipal Council, County Commission

**Support Agencies:** Office of Planning and Development

**Mitigation Type:** Prevention

**Status:** Completed and on-going.

*Strategy C1.2.1:* Continue to educate faculty and staff at schools on National Oceanic and Atmospheric Administration (NOAA) radio usage.

**Timeframe:** On-going

**Cost Estimate** Continued training should not require additional funding. (N/A)

**(Potential Funding):**

**Coordinating Agency** Local Emergency Planning Committee (LEPC)

**Support Agencies:** Board of Education

**Mitigation Type:** Public Education and awareness

**Status:** On-going.

*Strategy C1.3.1:* Coordinate with the Soil Conservation Service to continue updating the map showing areas that would be affected by a dam failure.

**Timeframe:** 2 years

**Cost Estimate** Coordination requires little to no additional funding. (Soil

**(Potential Funding):** Conservation Service [SCS])

**Coordinating Agency** Municipal Council, County Commission

**Support Agencies:** LEPC

**Mitigation Type:** Emergency Services

**Status:** On-going.

*Strategy C2.1.1:* Update resource list of contracts with snow removal agencies.

**Timeframe:** 1 year

**Cost Estimate** No immediate additional funding necessary. (N/A)

(Potential Funding):

**Coordinating Agency** Municipal Council, County Commission

**Support Agencies:** West Virginia Division of Highways (WVDOH), Municipal Councils

**Mitigation Type:** Emergency Services, Prevention

**Status:** On-going.

*Strategy C3.1.1:* Establish procedures with companies to clean up material from a landslide quickly and to monitor areas of high risk.

**Timeframe:** On-going

**Cost Estimate** Promotion of the concept can be done as municipal building permits

(Potential Funding): are issued. (N/A)

**Coordinating Agency** Municipal Town Councils

**Support Agencies:** Cleanup Companies

**Mitigation Type:** Property Protection

**Status:** On-going.

*Strategy C4.1.1:* Continue to coordinate with the National Weather Service in Pittsburgh, Pennsylvania to warn residents of impending severe thunderstorm conditions.

**Timeframe:** 6 months

**Cost Estimate** No additional funding required. (N/A)

(Potential Funding):

**Coordinating Agency** LEPC

**Support Agencies:** National Weather Service

**Mitigation Type:** Public Education and Awareness

**Status:** Completed and on-going.

*Strategy C4.1.2:* Continue to monitor and maintain the three (3) rain gauges installed at strategic points throughout the county. Use these gauges in conjunction with the new weather station to monitor current and developing weather incidents.

**Timeframe:** 1 year

**Cost Estimate** Maintenance and monitoring should require little to no additional  
(Potential Funding): funding. (*Local funding*)

**Coordinating Agency** Municipal Council, County Commission

**Support Agencies:** Local Public Service Districts (PSDs)

**Mitigation Type:** Public Education and Awareness

**Status:** On-going.

*Strategy C5.1.2:* Develop plans and schedules with the Department of Agriculture to haul water to residents during drought conditions.

**Timeframe:** 1 year

**Cost Estimate** No additional funding required. (N/A)  
(Potential Funding):

**Coordinating Agency** LEPC

**Support Agencies:** Local Volunteer Fire Departments (VFDs)

**Mitigation Type:** Prevention

**Status:** Unchanged.

*Strategy C6.1.1:* Equip shelter facilities to provide back-up power.

**Timeframe:** 2 years

**Cost Estimate** Upwards of \$25,000 each – size dependent. (PDM)  
(Potential Funding):

**Coordinating Agency** LEPC

**Support Agencies:** Marion County Department of Homeland Security and Emergency  
Management (MCDHSEM)  
VFDs

**Mitigation Type:** Structural Project, Prevention

**Status:** On-going.

*Strategy C6.1.2:* Maintain and update the early warning systems that are in place throughout the county.

**Timeframe:** On-going

**Cost Estimate** No additional funding is required. (N/A)

(Potential Funding):

**Coordinating Agency** LEPC

**Support Agencies:** MCDHSEM

**Mitigation Type:** Public Education and Awareness

**Status:** Unchanged.

*Strategy C6.1.3:* Undertake additional planning efforts to measure Marion County's susceptibility to technological and man-made hazards.

**Timeframe:** 1 year

**Cost Estimate** Studies could cost between \$2,000 and \$7,500, depending on the

(Potential Funding): scope. (Department of Justice – Office of Domestic Preparedness [DOJ-ODP], PDM, Local funding)

**Coordinating Agency** LEPC

**Support Agencies:** Office of Planning and Development, Municipal Councils

**Mitigation Type:** Emergency Services

**Status:** On-going.

BLACKSVILLE, TOWN OF

*Strategy D1.1.2:* Educate local residents on the benefits of conserving water at all times, not just during a drought.

**Timeframe:** On-going

**Cost Estimate** \$750 - \$2,500 (PDM, Local funding)

(Potential Funding):

**Coordinating Agency** Municipal Council, Monongalia County Office of Emergency Management (MCOEM)

**Support Agencies:** Local PSDs

**Mitigation Type:** Public Education and Awareness

**Status:** Completed and on-going.

*Strategy D2.1.1:* Develop an informational brochure explaining the potential for earthquakes as well as the potential damages from those earthquakes. The brochure should include information on measures to take to safe-proof homes and other structures from the potential effects of earthquakes.

**Timeframe:** On-going

**Cost Estimate** \$750 - \$2,500 (PDM, Local funding)

(Potential Funding):

**Coordinating Agency** MCOEM

**Support Agencies:** United States Geological Survey (USGS)

**Mitigation Type:** Public Education and Awareness

**Status:** Completed and on-going.

*Strategy D3.1.1:* Educate the public as to the benefits of building codes and overall community and land use planning as well as advantages to mitigation planning.

**Timeframe:** On-going

**Cost Estimate** \$750 - \$2,500 (PDM, Local funding)

(Potential Funding):

**Coordinating Agency** County Commission

**Support Agencies:** Municipal Councils, Planning and Zoning

**Mitigation Type:** Public Education and Awareness

**Status:** Completed and on-going.

*Strategy D3.1.2:* Strictly enforce ground disturbance permitting regulations, such as new MS4 requirements, in municipal and county jurisdictions.

**Timeframe:** On-going

**Cost Estimate** Existing personnel could be used, thus cutting cost. (N/A)

(Potential Funding):

**Coordinating Agency** County Commission

**Support Agencies:** Municipal Councils

**Mitigation Type:** Prevention

**Status:** Unchanged.

*Strategy D3.2.1:* Undertake active re-vegetation and other storm water programs to cover areas of bare ground that may be susceptible to erosion.

**Timeframe:** On-going

**Cost Estimate** Up to \$5,000 to \$10,000, contingent on size of project. (Local

(Potential Funding): funding)

**Coordinating Agency** Planning Commission

**Support Agencies:** Municipal Inspection/Planning Offices

**Mitigation Type:** Structural Project

**Status:** Completed and on-going.

*Strategy D4.1.1:* Produce public awareness campaigns via various local media outlets.

**Timeframe:** On-going

**Cost Estimate** \$750 - \$2,500 (PDM, Local funding)

(Potential Funding):

**Coordinating Agency** Monongalia County Health Department

**Support Agencies:** Centers for Disease Control (CDC)

World Health Organization (WHO)

**Mitigation Type:** Public Education and Awareness

**Status:** Completed and on-going.

*Strategy D5.1.1:* Coordinate efforts with local media to post advance warnings of hailstorms.

**Timeframe:** On-going  
**Cost Estimate** Coordination with other agencies does not require additional  
(Potential Funding): funding. (N/A)  
**Coordinating Agency** MCOEM  
**Support Agencies:** Local Media Outlets  
**Mitigation Type:** Public Education and Awareness  
**Status:** Completed and on-going.

*Strategy D6.1.1:* Coordinate with the National Weather Service (NWS) in Pittsburgh, Pennsylvania to warn residents of impending severe thunderstorm conditions.

**Timeframe:** On-going  
**Cost Estimate** Coordination with other agencies does not require additional  
(Potential Funding): funding. (N/A)  
**Coordinating Agency** MCOEM  
**Support Agencies:** NWS  
**Mitigation Type:** Public Education and Awareness  
**Status:** Completed and on-going.

*Strategy D7.1.1:* Coordinate with the NWS in Pittsburgh, Pennsylvania to warn residents of impending severe wind and possible tornado conditions.

**Timeframe:** On-going  
**Cost Estimate** Coordination with other agencies does not require additional  
(Potential Funding): funding. (N/A)  
**Coordinating Agency** MCOEM  
**Support Agencies:** NWS  
**Mitigation Type:** Public Education and Awareness  
**Status:** Completed and on-going.

*Strategy D8.1.1:* Continue outfitting and preparing the winter rescue team to ensure that emergency responders can access all parts of the county.

**Timeframe:** On-going  
**Cost Estimate** Up to \$25,000 (HMGP, PDM, Department of Homeland Security  
(Potential Funding): [DHS], Local funding)  
**Coordinating Agency** MCOEM  
**Support Agencies:** First Response Agencies.  
**Mitigation Type:** Emergency Services  
**Status:** On-going.

*Strategy D9.1.1:* Distribute information concerning the leading causes of wildfires and steps the general public can take to avoid starting wildfires.

**Timeframe:** On-going  
**Cost Estimate** \$750 - \$2,500 (PDM, Local funding)  
(Potential Funding):  
**Coordinating Agency** MCOEM  
**Support Agencies:** West Virginia Division of Forestry  
West Virginia Department of Natural Resources (WVDNR)  
**Mitigation Type:** Public Education and Awareness  
**Status:** Completed and on-going.

*Strategy D9.2.1:* Continue to train and organize local fire service personnel to assist in the investigation of structural fires and the citation of code violations through a certification program made available to local fire chiefs.

**Timeframe:** On-going  
**Cost Estimate** Training opportunities are often provided through the West Virginia  
(Potential Funding): University (WVU) Fire Service Extension. (N/A)  
**Coordinating Agency** Local VFDs  
**Support Agencies:** WVU Fire Service Extension  
**Mitigation Type:** Emergency Services  
**Status:** On-going.

*Strategy D9.2.2:* Coordinate with the West Virginia State Fire Marshal (WVSFM) to extend the jurisdiction of deputized fire marshals to a statewide jurisdiction.

**Timeframe:** 5 years  
**Cost Estimate** Coordination with other agencies does not require additional  
(Potential Funding): funding. (N/A)  
**Coordinating Agency** WVSFM  
**Mitigation Type:** Emergency Services  
**Status:** Unchanged.

*Strategy D9.2.3:* Certify police departments, who have arrest powers, to handle arson investigations in place of fire departments, who do not have arrest powers (include a modified version of the State Police Academy to provide such training).

**Timeframe:** 5 years  
**Cost Estimate** Project is still in exploration stage, which requires little additional  
(Potential Funding): funding.  
**Coordinating Agency** Local VFDs  
**Support Agencies:** West Virginia State Police (WVSP)  
**Mitigation Type:** Emergency Services  
**Status:** Unchanged.

*Strategy D9.3.1:* Facilitate public awareness campaigns aimed at recruiting more volunteers at volunteer fire departments.

**Timeframe:** On-going  
**Cost Estimate** \$750 - \$2,500 (PDM, Local funding)  
(Potential Funding):  
**Coordinating Agency** Local VFDs  
**Support Agencies:** MCOEM  
**Mitigation Type:** Public Education and Awareness  
**Status:** Completed and on-going.

*Strategy D9.3.3:* Continue public awareness campaigns in schools, etc.

**Timeframe:** On-going  
**Cost Estimate** \$750 - \$2,500 (PDM, Local funding)  
(Potential Funding):  
**Coordinating Agency** Local VFDs  
**Support Agencies:** WVFSM  
**Mitigation Type:** Public Education and Awareness  
**Status:** Completed and on-going.

*Strategy D10.1.1:* Encourage Allegheny Power to undertake projects to increase the number of feeder lines into rural areas so as to create back-up electricity in the event that one of the feeder lines fails.

**Timeframe:** On-going  
**Cost Estimate** Coordination with other agencies does not require additional  
(Potential Funding): funding. (N/A)  
**Coordinating Agency** County Commission  
**Support Agencies:** MCOEM, Municipal Council  
**Mitigation Type:** Structural Project  
**Status:** Unchanged.

*Strategy D10.1.2:* Encourage Allegheny Power to allow employees to take company vehicles home to be available for emergency call-outs in the event of a downed electric line. These actions will free-up local emergency responders who normally monitor the downed line.

**Timeframe:** On-going  
**Cost Estimate** Coordination with other agencies does not require additional  
(Potential Funding): funding. (N/A)  
**Coordinating Agency** County Commission  
**Support Agencies:** MCOEM, Municipal Council  
**Mitigation Type:** Emergency Services  
**Status:** Unchanged.

*Strategy D10.2.1:* Encourage representatives from the county's assets (e.g. company leaders, etc.) to draft and distribute guidelines to implement in the event of a Heating Ventilation, and Air Conditioning (HVAC) failure.

**Timeframe:** On-going  
**Cost Estimate** Coordination with other agencies does not require additional  
(Potential Funding): funding. (N/A)  
**Coordinating Agency** MCOEM  
**Support Agencies:** Company Leaders  
**Mitigation Type:** Emergency Services  
**Status:** Completed and on-going.

*Strategy D10.3.1:* Instate a grant or low-interest loan program to help individual residents finance generators and other back-up electricity systems.

**Timeframe:** 5 years  
**Cost Estimate** Up to \$5,000 (Initial funds could be local funds, grants from non-  
(Potential Funding): profit organizations, etc. Ultimately, funds returned as part of the  
program could be used to finance subsequent years.  
**Coordinating Agency** MCOEM  
**Mitigation Type:** Structural Project  
**Status:** Unchanged.

*Strategy D11.1.1:* Coordinate with local media to announce low resource supplies.

**Timeframe:** On-going  
**Cost Estimate** Coordination with other agencies does not require additional  
(Potential Funding): funding. (N/A)  
**Coordinating Agency** MCOEM  
**Support Agencies:** Local Media Outlets  
**Mitigation Type:** Public Education and Awareness  
**Status:** Completed and on-going.

*Strategy D11.1.2:* Coordinate with local media to announce low fuel supplies.

**Timeframe:** On-going  
**Cost Estimate** Coordination with other agencies does not require additional  
(Potential Funding): funding. (N/A)  
**Coordinating Agency** MCOEM  
**Support Agencies:** Local Media Outlets  
**Mitigation Type:** Public Education and Awareness  
**Status:** Completed and on-going.

*Strategy D11.1.3:* Increase public knowledge as to resource conservation by distributing information to new and existing customers.

**Timeframe:** On-going  
**Cost Estimate** \$750 - \$2,500 (*PDM, Local funding*)  
(Potential Funding):  
**Coordinating Agency** MCOEM  
**Mitigation Type:** Public Education and Awareness  
**Status:** Completed and on-going.

*Strategy D12.1.1:* Assess the feasibility of cleaning up busy intersections.

**Timeframe:** On-going  
**Cost Estimate** Assessing feasibility, like coordination, requires little additional  
(Potential Funding): funding.  
**Coordinating Agency** Metropolitan Planning Organization (MPO)  
**Support Agencies:** WVDOH  
**Mitigation Type:** Emergency Services  
**Status:** Completed and on-going.

*Strategy D12.1.2:* Evaluate railroad and roadway intersections for warning systems, etc.

**Timeframe:** On-going  
**Cost Estimate** Evaluating systems, like coordination, requires little additional  
**(Potential Funding):** funding. (N/A)  
**Coordinating Agency** MPO  
**Support Agencies:** CSX, Norfolk & Western  
**Mitigation Type:** Emergency Services  
**Status:** Completed and on-going.

*Strategy D12.2.1:* Publicize evacuation plans.

**Timeframe:** On-going  
**Cost Estimate** This project could be accomplished through existing public  
**(Potential Funding):** information campaigns.  
**Coordinating Agency** MCOEM  
**Mitigation Type:** Public Education and Awareness  
**Status:** Completed and on-going.

*Strategy D12.2.2:* Facilitate the creation of safe zones as places where residents can go in the event of a hazardous material incident. Further, publicize the location and access to these safe zones.

**Timeframe:** On-going  
**Cost Estimate** This project is essentially a planning item which, by itself, should not  
**(Potential Funding):** require additional funding. (N/A)  
**Coordinating Agency** MCOEM  
**Support Agencies:** LEPC  
**Mitigation Type:** Emergency Services  
**Status:** Completed and on-going.

*Strategy D13.1.1:* Encourage schools to adopt and/or upgrade procedural and evacuation plans in the event of a bomb threat.

**Timeframe:** On-going  
**Cost Estimate** Schools are already planning; these additional measures would  
(Potential Funding): require no additional costs. (N/A)  
**Coordinating Agency** Monongalia County Schools  
**Support Agencies:** MCOEM  
**Mitigation Type:** Emergency Services  
**Status:** Completed and on-going.

*Strategy D13.2.2:* Establish trauma centers to offer medical attention and counseling to affected populations in the event of a bomb explosion.

**Timeframe:** On-going  
**Cost Estimate** This project is essentially a planning item which, by itself, should not  
(Potential Funding): require additional funding. (N/A)  
**Coordinating Agency** MCOEM  
**Support Agencies:** Monongalia County Health Department  
**Mitigation Type:** Emergency Services  
**Status:** Unchanged.

*Strategy D13.3.1:* Increase the knowledge of the general public concerning preparedness through the preparation of informational brochures, town meetings, training seminars, etc.

**Timeframe:** On-going  
**Cost Estimate** \$750 - \$2,500 (PDM, Local funding)  
(Potential Funding):  
**Coordinating Agency** MCOEM  
**Support Agencies:** LEPC  
**Mitigation Type:** Public Education and Awareness  
**Status:** Completed and on-going.

*Strategy D13.4.1:* Establish trauma centers to offer medical attention and counseling to affected populations in the event of a terrorist event.

**Timeframe:** On-going

**Cost Estimate** This project is essentially a planning item which, by itself, should not  
(Potential Funding): require additional funding. (N/A)

**Coordinating Agency** MCOEM

**Support Agencies:** Monongalia County Health Department

**Mitigation Type:** Emergency Services

**Status:** Completed and on-going.

*Strategy D13.5.1:* Coordinate with first responders for interagency cooperation to assist in collaborative planning.

**Timeframe:** On-going

**Cost Estimate** Coordination with other agencies does not require additional  
(Potential Funding): funding. (N/A)

**Coordinating Agency** MCOEM

**Support Agencies:** Local First Responders

**Mitigation Type:** Emergency Services

**Status:** Completed and on-going.

*Strategy D13.5.2:* Continue education and training efforts of first responders and emergency personnel.

**Timeframe:** On-going

**Cost Estimate** \$750 - \$2,500 (PDM, Local funding)  
(Potential Funding):

**Coordinating Agency** MCOEM

**Support Agencies:** Local VFDs, Local Police Departments (PDs), LEPC

**Mitigation Type:** Emergency Services

**Status:** Completed and on-going.

BRANDONVILLE, TOWN OF

*Strategy E1.1.1:* Encourage the use of National Oceanic and Atmospheric Administration (NOAA) weather radios, which continuously broadcasts National Weather Service forecasts among residents in Brandonville.

**Timeframe:** 3 months

**Cost Estimate** Encouraging use requires no additional funding; however,  
*(Potential Funding):* purchasing weather radios may require significant funding. (Up to \$2,000 to purchase and install approximately 15 radios).

**Coordinating Agency:** Town Officials

**Support Agencies:** Preston County Office of Emergency Management (PCOEM)

**Mitigation Type:** Public Education and Awareness

**Status:** NWS Weather Radios are provided throughout the town.

BRIDGEPORT, CITY OF

*Strategy F1.1.1:* Amend floodplain ordinance for compliance with the NFIP regulations.

**Timeframe:** 3 years

**Cost Estimate** Amendment of the ordinance should require little to no additional  
(Potential Funding): funding (N/A)

**Coordinating Agency** Bridgeport Floodplain Coordinator

**Support Agencies:** Harrison County Planning Commission

**Mitigation Type:** Prevention

**Status:** The county is updating its ordinance and the town will wait until that is done so that it will be consistent.

*Strategy F1.1.2:* Establish procedure to amend ordinances as NFIP regulations change.

**Timeframe:** 3 years

**Cost Estimate** Amendment of the ordinance should require little to no additional  
(Potential Funding): funding (N/A)

**Coordinating Agency** Bridgeport Floodplain Coordinator

**Support Agencies:** Harrison County Planning Commission

**Mitigation Type:** Prevention

**Status:** This strategy represents an on-going initiative.

*Strategy F1.1.3:* Establish a public education process for utilities, businesses, and residences regarding floodplain management, to include:

- Permit process;
- Elevation of existing and new residences above flood elevation;
- Elevation of existing and new electrical and mechanical devices above flood elevation;
- Storage of documents, personal objectives, and inventory above floodplain;
- Identification and relocation of stored hazardous materials; and
- Installation of flood walls or shields, as applicable.

**Timeframe:** 5 years

**Cost Estimate** Public outreach should require little to no additional funding if done in

(Potential Funding): tandem with other initiatives (Local funding, PDM)

**Coordinating Agency** Bridgeport Office of Emergency Services

**Support Agencies:** Harrison County Bureau of Emergency Services

**Mitigation Type:** Public Education and Awareness

**Status:** This strategy represents an on-going initiative.

*Strategy F1.1.4:* Continuation of acquisition and demolition of FEMA-identified repetitive loss structures.

**Timeframe:** 5 years

**Cost Estimate** Up to \$95,500 per purchase (HMGP, CDBG)

(Potential Funding):

**Coordinating Agency** City of Bridgeport

**Support Agencies:** Harrison County Planning Commission  
Harrison County Commission

**Mitigation Type:** Prevention

**Status:** This project is considered as and if funding is available.

*Strategy F1.1.5:* Revise subdivision regulations to require provision for open space on land that is in the floodplain.

- Timeframe:** 3 years
- Cost Estimate** Maintenance of the ordinance should require little to no additional  
**(Potential Funding):** funding (N/A)
- Coordinating Agency** City of Bridgeport
- Support Agencies:** Harrison County Planning Commission
- Mitigation Type:** Prevention
- Status:** The county is updating its ordinance and the town will wait until that is done so that it will be consistent.

*Strategy F1.1.6:* Continue and expand the intergovernmental agreement process between the county and municipalities in order to provide floodplain management by a certified floodplain manager.

- Timeframe:** 5 years
- Cost Estimate** Cooperation between jurisdictions should require little to no additional  
**(Potential Funding):** funding (N/A)
- Coordinating Agency** City of Bridgeport
- Support Agencies:** N/A
- Mitigation Type:** Public Education and Awareness
- Status:** This strategy represents an on-going, cooperative arrangement between the governmental jurisdictions of Harrison County.

*Strategy F1.1.7:* Design and implement a countywide housing rehab program which addresses code violations, elevation, and flooding.

- Timeframe:** 5 years
- Cost Estimate** Up to \$500,000 per project, contingent on number of rehabs (CDFI,  
**(Potential Funding):** Banks, Other State/Federal Sources)
- Coordinating Agency** City of Bridgeport
- Support Agencies:** Harrison County Planning Commission  
Harrison County Landmark Commission  
Harrison County Redevelopment Authority
- Mitigation Type:** Prevention
- Status:** This strategy represents an on-going effort and is considered as funding is available.

*Strategy F1.1.8:* Undertake further flood-proofing of the Bridgeport Fire Department.

**Timeframe:** 3 years  
**Cost Estimate** Up to \$500,000 (AFGP, FEMA, Local funding)  
**(Potential Funding):**  
**Coordinating Agency** Bridgeport Fire Department  
**Support Agencies:** City of Bridgeport  
Bridgeport City Engineer  
**Mitigation Type:** Structural Projects  
**Status:** This project has taken longer than expected on account of funding availability.

*Strategy F2.1.1:* Adopt and enforce the state building code.

**Timeframe:** 3 years  
**Cost Estimate** Updating the ordinance should require little to no additional funding;  
**(Potential Funding):** enforcement may require funds (Local funding)  
**Coordinating Agency** City of Bridgeport  
**Support Agencies:** Harrison County Planning Commission  
**Mitigation Type:** Prevention  
**Status:** This strategy represents an on-going effort (i.e., the ordinance is updated when the state code is updated).

*Strategy F2.1.2:* Encourage the placement of utility lines underground for critical facilities.

**Timeframe:** 5 years  
**Cost Estimate** Unknown (N/A)  
**(Potential Funding):**  
**Coordinating Agency** Bridgeport Office of Emergency Services  
**Support Agencies:** Harrison County Bureau of Emergency Services  
**Mitigation Type:** Prevention  
**Status:** This project has taken longer than expected on account of funding availability.

*Strategy F2.1.3: Encourage tree trimming adjacent to utilities.*

**Timeframe:** 5 years  
**Cost Estimate** Coordination with utility companies requires little to no additional  
(Potential Funding): funding (N/A)  
**Coordinating Agency** Bridgeport Office of Emergency Services  
**Support Agencies:** Harrison County Bureau of Emergency Services  
**Mitigation Type:** Prevention  
**Status:** This strategy represents an on-going, continual effort.

*Strategy F3.1.1: Adopt and enforce the state building code.*

**Timeframe:** 3 years  
**Cost Estimate** Updating the ordinance should require little to no additional funding;  
(Potential Funding): enforcement may require funds (Local funding)  
**Coordinating Agency** City of Bridgeport  
**Support Agencies:** Harrison County Planning Commission  
**Mitigation Type:** Prevention  
**Status:** This strategy represents an on-going effort (i.e., the ordinance is updated when the state code is updated).

*Strategy F4.1.1: Establish a county fire board in order to provide a mechanism for county residents to obtain fire hydrants and other fire suppression tools.*

**Timeframe:** 5 years  
**Cost Estimate** Investigation and other efforts should require little to no additional  
(Potential Funding): funds (N/A)  
**Coordinating Agency** Bridgeport Fire Department  
**Support Agencies:** City of Bridgeport  
Harrison County Commission  
**Mitigation Type:** Emergency Services  
**Status:** A county fire board is in existence and it can establish fire fees for certain areas of the county; this strategy remains in the plan to allow local officials the opportunity to investigate the possibility of using this code section as a method to assist in financing fire departments.

*Strategy F5.1.1:* Prepare annual updates of dam assessments in accordance with state law.

- Timeframe:** 5 years
- Cost Estimate** This is done by such agencies as the WVDEP as a part of state law  
**(Potential Funding):** (N/A)
- Coordinating Agency** WVDEP
- Support Agencies:** City of Bridgeport
- Mitigation Type:** Public Education and Awareness
- Status:** This strategy represents an annual undertaking by state agencies; it is listed as on-going to show the city's support of these efforts.

*Strategy F5.1.2:* Explore state, federal, and private funding sources for dam rehabilitation.

- Timeframe:** 5 years
- Cost Estimate** Exploration should require little to no additional funding (funding could  
**(Potential Funding):** come from Small Cities Block Grant [SCBG], United States  
Department of Agriculture [USDA], Infrastructure and Jobs  
Development Council [IJDC], etc.)
- Coordinating Agency** Bridgeport Office of Emergency Services
- Support Agencies:** Harrison County Bureau of Emergency Services  
Region VI Planning & Development Council
- Mitigation Type:** Structural Projects
- Status:** This strategy represents an on-going portion of potential funding strategies should dams need to be rehabilitated.

*Strategy F6.1.1:* Continue and expand the intergovernmental agreement process between the county, municipalities, and other public agencies to encourage cooperation, to eliminate duplication of duties to provide cost-effective services to citizens.

**Timeframe:** 5 years

**Cost Estimate** Cooperation between jurisdictions should require little to no additional  
(Potential Funding): funding (N/A)

**Coordinating Agency** City of Bridgeport

**Support Agencies:** N/A

**Mitigation Type:** Public Education and Awareness

**Status:** This strategy represents an on-going, cooperative arrangement between the governmental jurisdictions of Harrison County.

BRUCETON MILLS, TOWN OF

*Strategy G1.1.1:* Clean Big Sandy Creek and its floodplain, clearing log jams, trees and shrubs, and sediment bars.

**Timeframe:** 5 years

**Cost Estimate** United States Army Corps of Engineers (USACE), Local funding

*(Potential Funding):* (small sections of the creek could cost as much as \$50,000 to \$100,000).

**Coordinating Agency:** Town Council

**Support Agencies:** County Engineer

**Mitigation Type:** Prevention

**Status:** This strategy has not been addressed.

CLARKSBURG, CITY OF

*Strategy H1.1.1:* Amend floodplain ordinance for compliance with the NFIP regulations.

**Timeframe:** 3 years

**Cost Estimate** Amendment of the ordinance should require little to no additional  
(Potential Funding): funding (N/A)

**Coordinating Agency** Clarksburg Floodplain Coordinator

**Support Agencies:** Harrison County Planning Commission

**Mitigation Type:** Prevention

**Status:** The county is updating its ordinance and the town will wait until that is done so that it will be consistent.

*Strategy H1.1.2:* Establish procedure to amend ordinances as NFIP regulations change.

**Timeframe:** 3 years

**Cost Estimate** Amendment of the ordinance should require little to no additional  
(Potential Funding): funding (N/A)

**Coordinating Agency** Clarksburg Floodplain Coordinator

**Support Agencies:** Harrison County Planning Commission

**Mitigation Type:** Prevention

**Status:** This strategy represents an on-going initiative.

*Strategy H1.1.3:* Establish a public education process for utilities, businesses, and residences regarding floodplain management, to include:

- Permit process;
- Elevation of existing and new residences above flood elevation;
- Elevation of existing and new electrical and mechanical devices above flood elevation;
- Storage of documents, personal objectives, and inventory above floodplain;
- Identification and relocation of stored hazardous materials; and
- Installation of flood walls or shields, as applicable.

**Timeframe:** 5 years

**Cost Estimate** Public outreach should require little to no additional funding if done in

(Potential Funding): tandem with other initiatives (Local funding, PDM)

**Coordinating Agency** City of Clarksburg

**Support Agencies:** Harrison County Bureau of Emergency Services

**Mitigation Type:** Public Education and Awareness

**Status:** This strategy represents an on-going initiative.

*Strategy H1.1.4:* Continuation of acquisition and demolition of FEMA-identified repetitive loss structures.

**Timeframe:** 5 years

**Cost Estimate** Up to \$95,500 per purchase (HMGP, CDBG)

(Potential Funding):

**Coordinating Agency** City of Clarksburg

**Support Agencies:** Harrison County Planning Commission

Harrison County Commission

**Mitigation Type:** Prevention

**Status:** This project is considered as and if funding is available.

*Strategy H1.1.5:* Revise subdivision regulations to require provision for open space on land that is in the floodplain.

**Timeframe:** 3 years  
**Cost Estimate** Maintenance of the ordinance should require little to no additional  
**(Potential Funding):** funding (N/A)  
**Coordinating Agency** City of Clarksburg  
**Support Agencies:** Harrison County Planning Commission  
**Mitigation Type:** Prevention  
**Status:** The county is updating its ordinance and the town will wait until that is done so that it will be consistent.

*Strategy H1.1.6:* Continue and expand the intergovernmental agreement process between the county and municipalities in order to provide floodplain management by a certified floodplain manager.

**Timeframe:** 5 years  
**Cost Estimate** Cooperation between jurisdictions should require little to no additional  
**(Potential Funding):** funding (N/A)  
**Coordinating Agency** City of Clarksburg  
**Support Agencies:** N/A  
**Mitigation Type:** Public Education and Awareness  
**Status:** This strategy represents an on-going, cooperative arrangement between the governmental jurisdictions of Harrison County.

*Strategy H1.1.7:* Design and implement a countywide housing rehab program which addresses code violations, elevation, and flooding.

**Timeframe:** 5 years  
**Cost Estimate** Up to \$500,000 per project, contingent on number of rehabs (CDFI,  
**(Potential Funding):** Banks, Other State/Federal Sources)  
**Coordinating Agency** City of Clarksburg  
**Support Agencies:** Harrison County Planning Commission  
Harrison County Landmark Commission  
Harrison County Redevelopment Authority  
**Mitigation Type:** Prevention  
**Status:** This strategy represents an on-going effort and is considered as funding is available.

*Strategy H2.1.1: Adopt and enforce the state building code.*

- Timeframe:** 3 years
- Cost Estimate** Updating the ordinance should require little to no additional funding;  
**(Potential Funding):** enforcement may require funds (Local funding)
- Coordinating Agency** City of Clarksburg
- Support Agencies:** Harrison County Planning Commission
- Mitigation Type:** Prevention
- Status:** This strategy represents an on-going effort (i.e., the ordinance is updated when the state code is updated).

*Strategy H3.1.1: Adopt and enforce the state building code.*

- Timeframe:** 3 years
- Cost Estimate** Updating the ordinance should require little to no additional funding;  
**(Potential Funding):** enforcement may require funds (Local funding)
- Coordinating Agency** City of Clarksburg
- Support Agencies:** Harrison County Planning Commission
- Mitigation Type:** Prevention
- Status:** This strategy represents an on-going effort (i.e., the ordinance is updated when the state code is updated).

*Strategy H4.1.1: Establish a county fire board in order to provide a mechanism for county residents to obtain fire hydrants and other fire suppression tools.*

- Timeframe:** 5 years
- Cost Estimate** Investigation and other efforts should require little to no additional  
**(Potential Funding):** funds (N/A)
- Coordinating Agency** Clarksburg Fire Department
- Support Agencies:** City of Clarksburg  
Harrison County Commission
- Mitigation Type:** Emergency Services
- Status:** A county fire board is in existence and it can establish fire fees for certain areas of the county; this strategy remains in the plan to allow local officials the opportunity to investigate the possibility of using this code section as a method to assist in financing fire departments.

*Strategy H5.1.1:* Continue and expand the intergovernmental agreement process between the county, municipalities, and other public agencies to encourage cooperation, to eliminate duplication of duties to provide cost-effective services to citizens.

**Timeframe:** 5 years

**Cost Estimate** Cooperation between jurisdictions should require little to no additional  
(Potential Funding): funding (N/A)

**Coordinating Agency** City of Clarksburg

**Support Agencies:** N/A

**Mitigation Type:** Public Education and Awareness

**Status:** This strategy represents an on-going, cooperative arrangement between the governmental jurisdictions of Harrison County.

## DODDRIDGE COUNTY

*Strategy 11.2.1:* Extend public water and sewer service to communities currently without service.

- Timeframe:** 5 years  
**Cost Estimate** USDA if necessary. (\$3,000 for publication and distribution, if  
(Potential Funding): USDA does not already have such materials printed).  
**Coordinating Agency** Natural Resources Conservation Service (NRCS)  
**Support Agencies:** SCS  
**Mitigation Type:** Public Education and Awareness  
**Status:** Unchanged.

*Strategy 12.1.1:* Develop an informational brochure explaining the potential for earthquakes, as well as the potential damages from those earthquakes. The brochure should include information pertaining to measures to take to safe-proof homes and other structures from the potential effects of earthquakes.

- Timeframe:** 6 months  
**Cost Estimate** PDM (\$3,000 for publication and distribution of informative  
(Potential Funding): materials).  
**Coordinating Agency** DCOES  
**Mitigation Type:** Public Education and Awareness  
**Status:** On-going.

*Strategy 12.1.2:* Encourage the implementation of structural mitigation techniques such as wall bracing, reinforcing walls with fiber materials, the installation of dampers or vibration isolation bearings in new construction.

- Timeframe:** During new construction  
**Cost Estimate** No additional funding necessary. (N/A)  
(Potential Funding):  
**Coordinating Agency** Doddridge County Office of Emergency Services (DCOES)  
**Support Agencies:** County Commission  
**Mitigation Type:** Structural Project, Prevention  
**Status:** Unchanged.

*Strategy 13.1.1:* Instate a countywide permitting process, which will require residents and/or developers to file a permit with the county before beginning any new construction as a means of regulating floodplain development.

**Timeframe:** 3 years

**Cost Estimate** No additional funding necessary. However, there may be  
(Potential Funding): administrative costs.

**Coordinating Agency** County Commission

**Support Agencies:** Town Council

**Mitigation Type:** Property Protection

**Status:** On-going.

*Strategy 13.2.1:* Clean portions of Middle Island Creek and its floodplain, clearing log jams, trees and shrubs, and sediment bars.

**Timeframe:** 5 years

**Cost Estimate** USACE, Local funding (If material cleaned from stream is used,  
(Potential Funding): costs decrease. Projects could cost up to \$100,000).

**Coordinating Agency** County Commission

**Support Agencies:** County Engineer

**Mitigation Type:** Prevention, Structural Project

**Status:** Unchanged.

*Strategy 13.3.1:* Conduct acquisition and/or relocation projects in frequently flooded portions of the county.

**Timeframe:** 5 years

**Cost Estimate** HMGP (for 10 sites throughout the county, costs would approach  
(Potential Funding): approximately \$700,000).

**Coordinating Agency** County Commission

**Support Agencies:** FEMA

**Mitigation Type:** Prevention

**Status:** On-going.

*Strategy 13.3.2:* Participate in the Community Rating System (CRS), and join the National Flood Insurance Program (NFIP) to reduce flood insurance rates.

**Timeframe:** 1 Year

**Cost Estimate** Participating in these programs require no additional funding. (N/A)  
(Potential Funding):

**Coordinating Agency** County Commission

**Mitigation Type:** Public Education and Awareness

**Status:** Completed and on-going.

*Strategy 14.1.1:* Coordinate efforts with the local media to post advance warnings of hailstorms.

**Timeframe:** 6 months

**Cost Estimate** No additional funding necessary. (N/A)  
(Potential Funding):

**Coordinating Agency** DCOES

**Support Agencies:** Local Media Outlets

**Mitigation Type:** Public Education and Awareness

**Status:** On-going.

*Strategy 14.1.2:* Encourage the use of NOAA weather radios among residents that continuously broadcast National Weather Service (NWS) forecasts and provide direct warnings to the public for natural, technological, and man-made hazards.

**Timeframe:** 3 months

**Cost Estimate** Encouraging use requires no additional funding; however,  
(Potential Funding): purchasing weather radios may require significant funding. (Up to \$2,000 to purchase and install approximately 15 radios.)

**Coordinating Agency** DCOES

**Support Agencies:** Facility Owners

**Mitigation Type:** Public Education and Awareness

**Status:** On-going.

*Strategy 14.2.1:* Encourage the use of laminated glass in window panes during all new construction.

**Timeframe:** During new construction  
**Cost Estimate** Encouraging use requires no additional funding; however,  
**(Potential Funding):** purchasing materials is contingent upon the size of the facility.  
**Coordinating Agency** DCOES  
**Support Agencies:** Facility Owners  
**Mitigation Type:** Property Protection  
**Status:** Unchanged.

*Strategy 15.1.1:* Reduce the amount of landslides in Doddridge County by monitoring clear-cutting operations.

**Timeframe:** 6 months  
**Cost Estimate** No additional funding necessary. (N/A)  
**(Potential Funding):**  
**Coordinating Agency** WVDNR  
**Support Agencies:** Timber Industry  
**Mitigation Type:** Prevention  
**Status:** On-going.

*Strategy 15.1.2:* Decrease the number of landslide occurrences around oil and gas wells by monitoring the location of the wells and drilling practices.

**Timeframe:** 1 year  
**Cost Estimate** No additional funding necessary. (N/A)  
**(Potential Funding):**  
**Coordinating Agency** Oil and Gas Industry  
**Mitigation Type:** Prevention  
**Status:** On-going.

*Strategy 15.2.1:* Strategically place stabilization walls in slip-prone areas along county highways.

**Timeframe:** 3 years  
**Cost Estimate** WVDOH (Cost will depend on the number and size of walls  
(Potential Funding): constructed, average cost \$50,000 per wall).  
**Coordinating Agency** WVDOH  
**Mitigation Type:** Property Protection  
**Status:** Unchanged.

*Strategy 15.2.2:* Reduce the amount of debris on roadways resulting from landslides by erecting safety fences along highways near slip-prone areas.

**Timeframe:** 3 years  
**Cost Estimate** WVDOH (Cost will depend on the number and size of fences  
(Potential Funding): constructed, average cost \$15,000 to \$25,000).  
**Coordinating Agency** WVDOH  
**Mitigation Type:** Property Protection  
**Status:** Unchanged.

*Strategy 16.1.1:* Coordinate with the National Weather Service (NWS) to warn residents of impending severe thunderstorm conditions.

**Timeframe:** 3 years  
**Cost Estimate** No additional funding necessary. (N/A)  
(Potential Funding):  
**Coordinating Agency** DCOES  
**Support Agencies:** NWS  
**Mitigation Type:** Public Education and Awareness  
**Status:** Completed and on-going.

*Strategy 16.1.3:* Encourage authorized individuals to use the Emergency Alert System (EAS) on commercial radio, television, and cable systems to send out emergency information targeted to specific areas.

**Timeframe:** 3 months

**Cost Estimate** The EAS is already an established, available service. Its use  
(Potential Funding): requires no additional funding.

**Coordinating Agency** DCOES

**Mitigation Type:** Public Education and Awareness

**Status:** Completed and on-going.

*Strategy 16.2.1:* Coordinate with the power company to periodically trim trees near power lines to prevent limb breakage and power failures.

**Timeframe:** Once a year

**Cost Estimate** Local funding, PDM. (Up to \$25,000 to \$40,000).  
(Potential Funding):

**Coordinating Agency** County Commission

**Support Agencies:** Local power company

**Mitigation Type:** Prevention

**Status:** On-going.

*Strategy 17.1.1:* Coordinate with the National Weather Service and local media to warn residents of impending severe winds and possible tornado conditions.

**Timeframe:** 3 months

**Cost Estimate** No additional funding necessary. (N/A)  
(Potential Funding):

**Coordinating Agency** DCOES

**Support Agencies:** NWS, Local Media Outlets

**Mitigation Type:** Public Education and Awareness

**Status:** Completed and on-going.

*Strategy 17.2.1:* Reduce the risk of mobile home damage by suggesting the use of tie-downs with ground anchors appropriate for the soil type.

**Timeframe:** 6 months  
**Cost Estimate** No additional funding necessary. However, tie down kits cost  
(Potential Funding): approximately \$150 each and usually include four anchors.  
**Coordinating Agency** DCOES  
**Mitigation Type:** Property Protection  
**Status:** Unchanged.

*Strategy 17.3.1:* Assess the number, location, strength, and ability of shelters to house residents and withstand high wind speeds. Consider constructing concrete safe rooms near mobile home parks, and other vulnerable public areas.

**Timeframe:** 2 years  
**Cost Estimate** Local funding, FEMA (\$15,000 to \$20,000)  
(Potential Funding):  
**Coordinating Agency** DCOES  
**Support Agencies:** America Red Cross (ARC)  
**Mitigation Type:** Emergency Services  
**Status:** On-going.

*Strategy 18.1.1:* Coordinate with local private contractors to develop mutual aid agreements for emergency snow removal.

**Timeframe:** 6 months  
**Cost Estimate** Developing mutual aid agreements requires no additional funding;  
(Potential Funding): however, activating those agreements may necessitate local funding. (N/A)  
**Coordinating Agency** County Commission  
**Support Agencies:** WVDOH, Contractors  
**Mitigation Type:** Emergency Services  
**Status:** Completed and on-going.

*Strategy I9.1.1:* Develop and distribute an informational brochure to distribute to local residents.

**Timeframe:** 6 months  
**Cost Estimate** Local funding, PDM  
(Potential Funding):  
**Coordinating Agency** County Commission  
**Support Agencies:** Town Council, DCOES, WVDHSEM  
**Mitigation Type:** Public Education and Awareness  
**Status:** On-going.

*Strategy I10.1.1:* Distribute information concerning the leading causes of wildfires and steps the general public can take to avoid starting wildfires.

**Timeframe:** 1 year  
**Cost Estimate** WVDNR (\$3,000 to \$5,000 if state agencies do not already have  
(Potential Funding): materials printed.  
**Coordinating Agency** WVDNR  
**Mitigation Type:** Public Education and Awareness  
**Status:** Completed and on-going.

*Strategy I10.1.2:* Encourage residents in rural areas to inspect and clean their chimneys at least once a year.

**Timeframe:** 6 months  
**Cost Estimate** No additional funding necessary. (N/A)  
(Potential Funding):  
**Coordinating Agency** DCOES  
**Support Agencies:** Local FDs, Home Owners  
**Mitigation Type:** Prevention, Property Protection  
**Status:** Unchanged.

*Strategy 110.1.3:* Encourage residents and businesses to maintain their property in or near forested areas (including short grass; thinned trees and removal of low hanging branches, cleaning of dead or dry leaves, needles, twigs, etc.), and to create a buffer zone (defensible space) between structures and adjacent forests.

**Timeframe:** 6 months

**Cost Estimate** No additional funding necessary. (N/A)

(Potential Funding):

**Coordinating Agency** Home and Business Owners

**Mitigation Type:** Prevention, Property Protection

**Status:** On-going.

FAIRMONT, CITY OF

*Strategy J1.1.1:* Use municipal regulations as models to develop a countywide permitting process to supplement the measures taken by lending institutions to monitor new construction in the floodplain.

**Timeframe:** 1 year

**Cost Estimate** No additional funding necessary; however, there may be  
(Potential Funding): administrative costs associated with code enforcement. (N/A)

**Coordinating Agency** Municipal Council, County Commission

**Support Agencies:** Office of Planning and Development

**Mitigation Type:** Prevention

**Status:** Completed and on-going.

*Strategy J1.2.1:* Continue to educate faculty and staff at schools on NOAA radio usage.

**Timeframe:** On-going

**Cost Estimate** Continued training should not require additional funding. (N/A)  
(Potential Funding):

**Coordinating Agency** Local Emergency Planning Committee (LEPC)

**Support Agencies:** Board of Education

**Mitigation Type:** Public Education and awareness

**Status:** On-going.

*Strategy J1.3.1:* Coordinate with the Soil Conservation Service to continue updating the map showing areas that would be affected by a dam failure.

**Timeframe:** 2 years

**Cost Estimate** Coordination requires little to no additional funding. (SCS)  
(Potential Funding):

**Coordinating Agency** Municipal Council, County Commission

**Support Agencies:** LEPC

**Mitigation Type:** Emergency Services

**Status:** On-going.

*Strategy J2.1.1:* Update resource list of contracts with snow removal agencies.

**Timeframe:** 1 year  
**Cost Estimate** No immediate additional funding necessary. (N/A)  
**(Potential Funding):**  
**Coordinating Agency** Municipal Council, County Commission  
**Support Agencies:** WVDOH, Municipal Councils  
**Mitigation Type:** Emergency Services, Prevention  
**Status:** On-going.

*Strategy J3.1.1:* Identify and make all private sector resources available in concert with the LEPC Resource Manual.

**Timeframe:** On-going  
**Cost Estimate** Cost should range between \$7,500 and \$10,000. (State Emergency  
**(Potential Funding):** Response Commission [SERC])  
**Coordinating Agency** LEPC  
**Mitigation Type:** Emergency Services  
**Status:** Completed and on-going.

*Strategy J10.1.6:* Undertake additional planning efforts to measure Fairmont's susceptibility to technological and man-made hazards.

**Timeframe:** 1 year  
**Cost Estimate** Studies could cost between \$2,000 and \$7,500 depending on the  
**(Potential Funding):** scope. (DOJ-ODP, PDM, Local funding)  
**Coordinating Agency** LEPC  
**Support Agencies:** Office of Planning and Development, Municipal Councils  
**Mitigation Type:** Emergency Services  
**Status:** On-going.

FAIRVIEW, TOWN OF

*Strategy K1.1.1:* Use municipal regulations as models to develop a countywide permitting process to supplement the measures taken by lending institutions to monitor new construction in the floodplain.

**Timeframe:** 1 year

**Cost Estimate** No additional funding necessary; however, there may be  
**(Potential Funding):** administrative costs associated with code enforcement. (N/A)

**Coordinating Agency** Municipal Council, County Commission

**Support Agencies:** Office of Planning and Development

**Mitigation Type:** Prevention

**Status:** Completed and on-going.

*Strategy K1.2.1:* Continue to educate faculty and staff at schools on NOAA radio usage.

**Timeframe:** On-going

**Cost Estimate** Continued training should not require additional funding. (N/A)  
**(Potential Funding):**

**Coordinating Agency** Local Emergency Planning Committee (LEPC)

**Support Agencies:** Board of Education

**Mitigation Type:** Public Education and awareness

**Status:** On-going.

*Strategy K1.3.1:* Coordinate with the Soil Conservation Service to continue updating the map showing areas that would be affected by a dam failure.

**Timeframe:** 2 years

**Cost Estimate** Coordination requires little to no additional funding. (SCS)  
**(Potential Funding):**

**Coordinating Agency** Municipal Council, County Commission

**Support Agencies:** LEPC

**Mitigation Type:** Emergency Services

**Status:** On-going.

*Strategy K2.1.1:* Update resource list of contracts with snow removal agencies.

**Timeframe:** 1 year

**Cost Estimate** No immediate additional funding necessary. (N/A)

(Potential Funding):

**Coordinating Agency** Municipal Council, County Commission

**Support Agencies:** WVDOH, Municipal Councils

**Mitigation Type:** Emergency Services, Prevention

**Status:** On-going.

*Strategy K3.1.1:* Establish procedures with companies to clean up material from a landslide quickly and to monitor areas of high risk.

**Timeframe:** On-going

**Cost Estimate** Promotion of the concept can be done as municipal building permits

(Potential Funding): are issued. (N/A)

**Coordinating Agency** Municipal Town Councils

**Support Agencies:** Cleanup Companies

**Mitigation Type:** Property Protection

**Status:** On-going.

*Strategy K4.1.1:* Continue to coordinate with the National Weather Service in Pittsburgh, Pennsylvania to warn residents of impending severe thunderstorm conditions.

**Timeframe:** 6 months

**Cost Estimate** No additional funding required. (N/A)

(Potential Funding):

**Coordinating Agency** LEPC

**Support Agencies:** National Weather Service

**Mitigation Type:** Public Education and Awareness

**Status:** Completed and on-going.

*Strategy K4.1.2:* Continue to monitor and maintain the three (3) rain gauges installed at strategic points throughout the county. Use these gauges in conjunction with the new weather station to monitor current and developing weather incidents.

**Timeframe:** 1 year

**Cost Estimate** Maintenance and monitoring should require little to no additional  
(Potential Funding): funding. (*Local funding*)

**Coordinating Agency** Municipal Council, County Commission

**Support Agencies:** Local PSDs

**Mitigation Type:** Public Education and Awareness

**Status:** On-going.

*Strategy K5.1.2:* Develop plans and schedules with the Department of Agriculture to haul water to residents during drought conditions.

**Timeframe:** 1 year

**Cost Estimate** No additional funding required. (N/A)  
(Potential Funding):

**Coordinating Agency** LEPC

**Support Agencies:** Local VFDs

**Mitigation Type:** Prevention

**Status:** Unchanged.

*Strategy K6.1.1:* Equip shelter facilities to provide back-up power.

**Timeframe:** 2 years

**Cost Estimate** Upwards of \$25,000 each – size dependent. (PDM)  
(Potential Funding):

**Coordinating Agency** LEPC

**Support Agencies:** MCDHSEM, VFDs

**Mitigation Type:** Structural Project, Prevention

**Status:** On-going.

*Strategy K6.1.2:* Maintain and update the early warning systems that are in place throughout the county.

**Timeframe:** On-going

**Cost Estimate** No additional funding is required. (N/A)

(Potential Funding):

**Coordinating Agency** LEPC

**Support Agencies:** MCDHSEM

**Mitigation Type:** Public Education and Awareness

**Status:** Unchanged.

*Strategy K6.1.3:* Undertake additional planning efforts to measure Marion County's susceptibility to technological and man-made hazards.

**Timeframe:** 1 year

**Cost Estimate** Studies could cost between \$2,000 and \$7,500 depending on the

(Potential Funding): scope. (DOJ-ODP, PDM, Local funding)

**Coordinating Agency** LEPC

**Support Agencies:** Office of Planning and Development, Municipal Councils

**Mitigation Type:** Emergency Services

**Status:** On-going.

FARMINGTON, TOWN OF

*Strategy L1.1.1:* Use municipal regulations as models to develop a countywide permitting process to supplement the measures taken by lending institutions to monitor new construction in the floodplain.

**Timeframe:** 1 year

**Cost Estimate** No additional funding necessary; however, there may be  
**(Potential Funding):** administrative costs associated with code enforcement. (N/A)

**Coordinating Agency** Municipal Council, County Commission

**Support Agencies:** Office of Planning and Development

**Mitigation Type:** Prevention

**Status:** Completed and on-going.

*Strategy L1.2.1:* Continue to educate faculty and staff at schools on NOAA radio usage.

**Timeframe:** On-going

**Cost Estimate** Continued training should not require additional funding. (N/A)  
**(Potential Funding):**

**Coordinating Agency** Local Emergency Planning Committee (LEPC)

**Support Agencies:** Board of Education

**Mitigation Type:** Public Education and awareness

**Status:** On-going.

*Strategy L1.3.1:* Coordinate with the Soil Conservation Service to continue updating the map showing areas that would be affected by a dam failure.

**Timeframe:** 2 years

**Cost Estimate** Coordination requires little to no additional funding. (SCS)  
**(Potential Funding):**

**Coordinating Agency** Municipal Council, County Commission

**Support Agencies:** LEPC

**Mitigation Type:** Emergency Services

**Status:** On-going.

*Strategy L2.1.1:* Update resource list of contracts with snow removal agencies.

**Timeframe:** 1 year

**Cost Estimate** No immediate additional funding necessary. (N/A)

(Potential Funding):

**Coordinating Agency** Municipal Council, County Commission

**Support Agencies:** WVDOH, Municipal Councils

**Mitigation Type:** Emergency Services, Prevention

**Status:** On-going.

*Strategy L3.1.1:* Establish procedures with companies to clean up material from a landslide quickly and to monitor areas of high risk.

**Timeframe:** On-going

**Cost Estimate** Promotion of the concept can be done as municipal building permits

(Potential Funding): are issued. (N/A)

**Coordinating Agency** Municipal Town Councils

**Support Agencies:** Cleanup Companies

**Mitigation Type:** Property Protection

**Status:** On-going.

*Strategy L4.1.1:* Continue to coordinate with the National Weather Service in Pittsburgh, Pennsylvania to warn residents of impending severe thunderstorm conditions.

**Timeframe:** 6 months

**Cost Estimate** No additional funding required. (N/A)

(Potential Funding):

**Coordinating Agency** LEPC

**Support Agencies:** National Weather Service

**Mitigation Type:** Public Education and Awareness

**Status:** Completed and on-going.

*Strategy L4.1.2:* Continue to monitor and maintain the three (3) rain gauges installed at strategic points throughout the county. Use these gauges in conjunction with the new weather station to monitor current and developing weather incidents.

**Timeframe:** 1 year

**Cost Estimate** Maintenance and monitoring should require little to no additional  
(Potential Funding): funding. (*Local funding*)

**Coordinating Agency** Municipal Council, County Commission

**Support Agencies:** Local PSDs

**Mitigation Type:** Public Education and Awareness

**Status:** On-going.

*Strategy L5.1.2:* Develop plans and schedules with the Department of Agriculture to haul water to residents during drought conditions.

**Timeframe:** 1 year

**Cost Estimate** No additional funding required. (N/A)  
(Potential Funding):

**Coordinating Agency** LEPC

**Support Agencies:** Local VFDs

**Mitigation Type:** Prevention

**Status:** Unchanged.

*Strategy L6.1.1:* Equip shelter facilities to provide back-up power.

**Timeframe:** 2 years

**Cost Estimate** Upwards of \$25,000 each – size dependent. (*PDM*)  
(Potential Funding):

**Coordinating Agency** LEPC

**Support Agencies:** MCDHSEM, VFDs

**Mitigation Type:** Structural Project, Prevention

**Status:** On-going.

*Strategy L6.1.2:* Maintain and update the early warning systems that are in place throughout the county.

**Timeframe:** On-going

**Cost Estimate** No additional funding is required. (N/A)

(Potential Funding):

**Coordinating Agency** LEPC

**Support Agencies:** MCDHSEM

**Mitigation Type:** Public Education and Awareness

**Status:** Unchanged.

*Strategy L6.1.3:* Undertake additional planning efforts to measure Marion County's susceptibility to technological and man-made hazards.

**Timeframe:** 1 year

**Cost Estimate** Studies could cost between \$2,000 and \$7,500 depending on the

(Potential Funding): scope. (DOJ-ODP, PDM, Local funding)

**Coordinating Agency** LEPC

**Support Agencies:** Office of Planning and Development, Municipal Councils

**Mitigation Type:** Emergency Services

**Status:** On-going.

FLEMINGTON, TOWN OF

*Strategy M1.1.2:* Develop and conduct acquisition and relocation projects.

**Timeframe:** On-going

**Cost Estimate** Up to \$77,000 per purchase (HMGP)

(Potential Funding):

**Coordinating Agency** Town of Flemington

**Support Agencies:** Taylor County Office of Emergency Services  
Taylor County Commission

**Mitigation Type:** Prevention

**Status:** This strategy is ongoing and is considered when funding is available.

*Strategy M1.1.3:* Collect updated information of the number and location of all repetitive loss properties throughout the Town of Flemington.

**Timeframe:** On-going

**Cost Estimate** Up to \$10,000 if a contractor is used (PDM)

(Potential Funding):

**Coordinating Agency** Town of Flemington

**Support Agencies:** Taylor County Office of Emergency Services  
WVDHSEM  
FEMA

**Mitigation Type:** Prevention

**Status:** This project was added as part of this update.

GRAFTON, CITY OF

*Strategy N1.1.1:* Encourage schools to instate and/or update procedural and evacuation plans in the event of a bomb threat.

**Timeframe:** On-going

**Cost Estimate** Up to \$5,000 if a contractor is used (Small Business Administration

(Potential Funding): [SBA], PDM, Local funding)

**Coordinating Agency** Taylor County Board of Education

**Support Agencies:** City of Grafton

**Mitigation Type:** Prevention

**Status:** Completed and on-going.

*Strategy N2.1.1:* Identify the areas of City of Grafton that would be severely flooded in the event of a severe failure of the Tygart Lake Dam, and develop zoning regulations that disallow future development in those areas.

**Timeframe:** 4 years

**Cost Estimate** Up to \$3,000 (PDM, Local funding)

(Potential Funding):

**Coordinating Agency** City of Grafton

**Support Agencies:** Taylor County Office of Emergency Services

**Mitigation Type:** Emergency Services

**Status:** This is a new strategy.

*Strategy N3.1.2:* Develop and conduct acquisition and relocation projects.

**Timeframe:** On-going

**Cost Estimate** Up to \$77,000 per purchase (HMGP)

(Potential Funding):

**Coordinating Agency** City of Grafton

**Support Agencies:** Taylor County Office of Emergency Services

Taylor County Commission

**Mitigation Type:** Prevention

**Status:** This strategy is ongoing and is considered when funding is available.

GRANT TOWN, TOWN OF

*Strategy O1.1.1:* Use municipal regulations as models to develop a countywide permitting process to supplement the measures taken by lending institutions to monitor new construction in the floodplain.

**Timeframe:** 1 year

**Cost Estimate** No additional funding necessary; however, there may be  
(Potential Funding): administrative costs associated with code enforcement. (N/A)

**Coordinating Agency** Municipal Council, County Commission

**Support Agencies:** Office of Planning and Development

**Mitigation Type:** Prevention

**Status:** Completed and on-going.

*Strategy O1.2.1:* Continue to educate faculty and staff at schools on NOAA radio usage.

**Timeframe:** On-going

**Cost Estimate** Continued training should not require additional funding. (N/A)  
(Potential Funding):

**Coordinating Agency** Local Emergency Planning Committee (LEPC)

**Support Agencies:** Board of Education

**Mitigation Type:** Public Education and awareness

**Status:** On-going.

*Strategy O1.3.1:* Coordinate with the Soil Conservation Service to continue updating the map showing areas that would be affected by a dam failure.

**Timeframe:** 2 years

**Cost Estimate** Coordination requires little to no additional funding. (SCS)  
(Potential Funding):

**Coordinating Agency** Municipal Council, County Commission

**Support Agencies:** LEPC

**Mitigation Type:** Emergency Services

**Status:** On-going.

*Strategy 02.1.1:* Update resource list of contracts with snow removal agencies.

**Timeframe:** 1 year

**Cost Estimate** No immediate additional funding necessary. (N/A)

(Potential Funding):

**Coordinating Agency** Municipal Council, County Commission

**Support Agencies:** WVDOH, Municipal Councils

**Mitigation Type:** Emergency Services, Prevention

**Status:** On-going.

*Strategy 03.1.1:* Establish procedures with companies to clean up material from a landslide quickly and to monitor areas of high risk.

**Timeframe:** On-going

**Cost Estimate** Promotion of the concept can be done as municipal building permits

(Potential Funding): are issued. (N/A)

**Coordinating Agency** Municipal Town Councils

**Support Agencies:** Cleanup Companies

**Mitigation Type:** Property Protection

**Status:** On-going.

*Strategy 04.1.1:* Continue to coordinate with the National Weather Service in Pittsburgh, Pennsylvania to warn residents of impending severe thunderstorm conditions.

**Timeframe:** 6 months

**Cost Estimate** No additional funding required. (N/A)

(Potential Funding):

**Coordinating Agency** LEPC

**Support Agencies:** National Weather Service

**Mitigation Type:** Public Education and Awareness

**Status:** Completed and on-going.

*Strategy O4.1.2:* Continue to monitor and maintain the three (3) rain gauges installed at strategic points throughout the county. Use these gauges in conjunction with the new weather station to monitor current and developing weather incidents.

**Timeframe:** 1 year

**Cost Estimate** Maintenance and monitoring should require little to no additional  
(Potential Funding): funding. (*Local funding*)

**Coordinating Agency** Municipal Council, County Commission

**Support Agencies:** Local PSDs

**Mitigation Type:** Public Education and Awareness

**Status:** On-going.

*Strategy O5.1.2:* Develop plans and schedules with the Department of Agriculture to haul water to residents during drought conditions.

**Timeframe:** 1 year

**Cost Estimate** No additional funding required. (N/A)  
(Potential Funding):

**Coordinating Agency** LEPC

**Support Agencies:** Local VFDs

**Mitigation Type:** Prevention

**Status:** Unchanged.

*Strategy O6.1.1:* Equip shelter facilities to provide back-up power.

**Timeframe:** 2 years

**Cost Estimate** Upwards of \$25,000 each – size dependent. (*PDM*)  
(Potential Funding):

**Coordinating Agency** LEPC

**Support Agencies:** MCDHSEM, VFDs

**Mitigation Type:** Structural Project, Prevention

**Status:** On-going.

*Strategy O6.1.2:* Maintain and update the early warning systems that are in place throughout the county.

**Timeframe:** On-going

**Cost Estimate** No additional funding is required. (N/A)

(Potential Funding):

**Coordinating Agency** LEPC

**Support Agencies:** MCDHSEM

**Mitigation Type:** Public Education and Awareness

**Status:** Unchanged.

*Strategy O6.1.3:* Undertake additional planning efforts to measure Marion County's susceptibility to technological and man-made hazards.

**Timeframe:** 1 year

**Cost Estimate** Studies could cost between \$2,000 and \$7,500 depending on the

(Potential Funding): scope. (DOJ-ODP, PDM, Local funding)

**Coordinating Agency** LEPC

**Support Agencies:** Office of Planning and Development, Municipal Councils

**Mitigation Type:** Emergency Services

**Status:** On-going.

GRANVILLE, TOWN OF

*Strategy P1.1.1:* Educate local residents on the benefits of conserving water at all times, not just during a drought.

**Timeframe:** On-going

**Cost Estimate** \$750 - \$2,500 (PDM, Local funding)

(Potential Funding):

**Coordinating Agency** Municipal Council, MCOEM

**Support Agencies:** Local PSDs

**Mitigation Type:** Public Education and Awareness

**Status:** Completed and on-going.

*Strategy P2.1.1:* Develop an informational brochure explaining the potential for earthquakes as well as the potential damages from those earthquakes. The brochure should include information on measures to take to safe-proof homes and other structures from the potential effects of earthquakes.

**Timeframe:** On-going

**Cost Estimate** \$750 - \$2,500 (PDM, Local funding)

(Potential Funding):

**Coordinating Agency** MCOEM

**Support Agencies:** USGS

**Mitigation Type:** Public Education and Awareness

**Status:** Completed and on-going.

*Strategy P3.1.1:* Educate the public as to the benefits of building codes and overall community and land use planning as well as advantages to mitigation planning.

**Timeframe:** On-going

**Cost Estimate** \$750 - \$2,500 (PDM, Local funding)

(Potential Funding):

**Coordinating Agency** County Commission

**Support Agencies:** Municipal Councils, Planning and Zoning

**Mitigation Type:** Public Education and Awareness

**Status:** Completed and on-going.

*Strategy P3.1.2:* Strictly enforce ground disturbance permitting regulations, such as new MS4 requirements, in municipal and county jurisdictions.

**Timeframe:** On-going

**Cost Estimate** Existing personnel could be used, thus cutting cost. (N/A)

(Potential Funding):

**Coordinating Agency** County Commission

**Support Agencies:** Municipal Councils

**Mitigation Type:** Prevention

**Status:** Unchanged.

*Strategy P3.2.1:* Undertake active re-vegetation and other storm water programs to cover areas of bare ground that may be susceptible to erosion.

**Timeframe:** On-going

**Cost Estimate** Up to \$5,000 to \$10,000, contingent on size of project. (Local

(Potential Funding): funding)

**Coordinating Agency** Planning Commission

**Support Agencies:** Municipal Inspection/Planning Offices

**Mitigation Type:** Structural Project

**Status:** Completed and on-going.

*Strategy P4.1.1:* Produce public awareness campaigns via various local media outlets.

**Timeframe:** On-going

**Cost Estimate** \$750 - \$2,500 (PDM, Local funding)

(Potential Funding):

**Coordinating Agency** Monongalia County Health Department

**Support Agencies:** CDC, WHO

**Mitigation Type:** Public Education and Awareness

**Status:** Completed and on-going.

*Strategy P5.1.1:* Coordinate efforts with local media to post advance warnings of hailstorms.

**Timeframe:** On-going  
**Cost Estimate** Coordination with other agencies does not require additional  
(Potential Funding): funding. (N/A)  
**Coordinating Agency** MCOEM  
**Support Agencies:** Local Media Outlets  
**Mitigation Type:** Public Education and Awareness  
**Status:** Completed and on-going.

*Strategy P6.1.1:* Coordinate with the National Weather Service (NWS) in Pittsburgh, Pennsylvania to warn residents of impending severe thunderstorm conditions.

**Timeframe:** On-going  
**Cost Estimate** Coordination with other agencies does not require additional  
(Potential Funding): funding. (N/A)  
**Coordinating Agency** MCOEM  
**Support Agencies:** NWS  
**Mitigation Type:** Public Education and Awareness  
**Status:** Completed and on-going.

*Strategy P7.1.1:* Coordinate with the NWS in Pittsburgh, Pennsylvania to warn residents of impending severe wind and possible tornado conditions.

**Timeframe:** On-going  
**Cost Estimate** Coordination with other agencies does not require additional  
(Potential Funding): funding. (N/A)  
**Coordinating Agency** MCOEM  
**Support Agencies:** NWS  
**Mitigation Type:** Public Education and Awareness  
**Status:** Completed and on-going.

*Strategy P8.1.1:* Continue outfitting and preparing the winter rescue team to ensure that emergency responders can access all parts of the county.

**Timeframe:** On-going

**Cost Estimate** Up to \$25,000 (HMGP, PDM, DHS, Local funding)

(Potential Funding):

**Coordinating Agency** MCOEM

**Support Agencies:** First Response Agencies.

**Mitigation Type:** Emergency Services

**Status:** On-going.

*Strategy P9.1.1:* Distribute information concerning the leading causes of wildfires and steps the general public can take to avoid starting wildfires.

**Timeframe:** On-going

**Cost Estimate** \$750 - \$2,500 (PDM, Local funding)

(Potential Funding):

**Coordinating Agency** MCOEM

**Support Agencies:** West Virginia Division of Forestry, WVDNR

**Mitigation Type:** Public Education and Awareness

**Status:** Completed and on-going.

*Strategy P9.2.1:* Continue to train and organize local fire service personnel to assist in the investigation of structural fires and the citation of code violations through a certification program made available to local fire chiefs.

**Timeframe:** On-going

**Cost Estimate** Training opportunities are often provided through the WVU Fire

(Potential Funding): Service Extension. (N/A)

**Coordinating Agency** Local FDs

**Support Agencies:** WVU Fire Service Extension

**Mitigation Type:** Emergency Services

**Status:** On-going.

*Strategy P9.2.2:* Coordinate with the WVFSM to extend the jurisdiction of deputized fire marshals to a statewide jurisdiction.

**Timeframe:** 5 years

**Cost Estimate** Coordination with other agencies does not require additional

(Potential Funding): funding. (N/A)

**Coordinating Agency** WVFSM

**Mitigation Type:** Emergency Services

**Status:** Unchanged.

*Strategy P9.2.3:* Certify police departments, who have arrest powers, to handle arson investigations in place of fire departments, who do not have arrest powers (include a modified version of the State Police Academy to provide such training).

**Timeframe:** 5 years

**Cost Estimate** Project is still in exploration stage, which requires little additional

(Potential Funding): funding.

**Coordinating Agency** Local VFDs

**Support Agencies:** WVSP

**Mitigation Type:** Emergency Services

**Status:** Unchanged.

*Strategy P9.3.1:* Facilitate public awareness campaigns aimed at recruiting more volunteers at volunteer fire departments.

**Timeframe:** On-going

**Cost Estimate** \$750 - \$2,500 (PDM, Local funding)

(Potential Funding):

**Coordinating Agency** Local FDs

**Support Agencies:** MCOEM

**Mitigation Type:** Public Education and Awareness

**Status:** Completed and on-going.

*Strategy P9.3.3:* Continue public awareness campaigns in schools, etc.

**Timeframe:** On-going  
**Cost Estimate** \$750 - \$2,500 (PDM, Local funding)  
(Potential Funding):  
**Coordinating Agency** Local FDs  
**Support Agencies:** WVFSM  
**Mitigation Type:** Public Education and Awareness  
**Status:** Completed and on-going.

*Strategy P10.1.1:* Encourage Allegheny Power to undertake projects to increase the number of feeder lines into rural areas so as to create back-up electricity in the event that one of the feeder lines fails.

**Timeframe:** On-going  
**Cost Estimate** Coordination with other agencies does not require additional  
(Potential Funding): funding. (N/A)  
**Coordinating Agency** County Commission  
**Support Agencies:** MCOEM, Municipal Council  
**Mitigation Type:** Structural Project  
**Status:** Unchanged.

*Strategy P10.1.2:* Encourage Allegheny Power to allow employees to take company vehicles home to be available for emergency call-outs in the event of a downed electric line. These actions will free-up local emergency responders who normally monitor the downed line.

**Timeframe:** On-going  
**Cost Estimate** Coordination with other agencies does not require additional  
(Potential Funding): funding. (N/A)  
**Coordinating Agency** County Commission  
**Support Agencies:** MCOEM, Municipal Council  
**Mitigation Type:** Emergency Services  
**Status:** Unchanged.

*Strategy P10.2.1:* Encourage representatives from the county's assets (e.g. company leaders, etc.) to draft and distribute guidelines to implement in the event of an HVAC failure.

**Timeframe:** On-going  
**Cost Estimate** Coordination with other agencies does not require additional  
(Potential Funding): funding. (N/A)  
**Coordinating Agency** MCOEM  
**Support Agencies:** Company Leaders  
**Mitigation Type:** Emergency Services  
**Status:** Completed and on-going.

*Strategy P10.3.1:* Instate a grant or low-interest loan program to help individual residents finance generators and other back-up electricity systems.

**Timeframe:** 5 years  
**Cost Estimate** Up to \$5,000 (Initial funds could be local funds, grants from non-  
(Potential Funding): profit organizations, etc. Ultimately, funds returned as part of the  
program could be used to finance subsequent years.  
**Coordinating Agency** MCOEM  
**Mitigation Type:** Structural Projects  
**Status:** Unchanged.

*Strategy P11.1.1:* Coordinate with local media to announce low resource supplies.

**Timeframe:** On-going  
**Cost Estimate** Coordination with other agencies does not require additional  
(Potential Funding): funding. (N/A)  
**Coordinating Agency** MCOEM  
**Support Agencies:** Local Media Outlets  
**Mitigation Type:** Public Education and Awareness  
**Status:** Completed and on-going.

*Strategy P11.1.2:* Coordinate with local media to announce low fuel supplies.

**Timeframe:** On-going  
**Cost Estimate** Coordination with other agencies does not require additional  
(Potential Funding): funding. (N/A)  
**Coordinating Agency** MCOEM  
**Support Agencies:** Local Media Outlets  
**Mitigation Type:** Public Education and Awareness  
**Status:** Completed and on-going.

*Strategy P11.1.3:* Increase public knowledge as to resource conservation by distributing information to new and existing customers.

**Timeframe:** On-going  
**Cost Estimate** \$750 - \$2,500 (PDM, Local funding)  
(Potential Funding):  
**Coordinating Agency** MCOEM  
**Mitigation Type:** Public Education and Awareness  
**Status:** Completed and on-going.

*Strategy P12.1.1:* Assess the feasibility of cleaning up busy intersections.

**Timeframe:** On-going  
**Cost Estimate** Assessing feasibility, like coordination, requires little additional  
(Potential Funding): funding.  
**Coordinating Agency** MPO  
**Support Agencies:** WVDOH  
**Mitigation Type:** Emergency Services  
**Status:** Completed and on-going.

*Strategy P12.1.2:* Evaluate railroad and roadway intersections for warning systems, etc.

**Timeframe:** On-going  
**Cost Estimate** Evaluating systems, like coordination, requires little additional  
(Potential Funding): funding. (N/A)  
**Coordinating Agency** MPO  
**Support Agencies:** CSX, Norfolk & Western  
**Mitigation Type:** Emergency Services  
**Status:** Completed and on-going.

*Strategy P12.2.1:* Publicize evacuation plans.

**Timeframe:** On-going

**Cost Estimate** This project could be accomplished through existing public  
(Potential Funding): information campaigns.

**Coordinating Agency** MCOEM

**Mitigation Type:** Public Education and Awareness

**Status:** Completed and on-going.

*Strategy P12.2.2:* Facilitate the creation of safe zones as places where residents can go in the event of a hazardous material incident. Further, publicize the location and access to these safe zones.

**Timeframe:** On-going

**Cost Estimate** This project is essentially a planning item which, by itself, should not  
(Potential Funding): require additional funding. (N/A)

**Coordinating Agency** MCOEM

**Support Agencies:** LEPC

**Mitigation Type:** Emergency Services

**Status:** Completed and on-going.

*Strategy P13.1.1:* Encourage schools to adopt and/or upgrade procedural and evacuation plans in the event of a bomb threat.

**Timeframe:** On-going

**Cost Estimate** Schools are already planning; these additional measures would  
(Potential Funding): require no additional costs. (N/A)

**Coordinating Agency** Monongalia County Schools

**Support Agencies:** MCOEM

**Mitigation Type:** Emergency Services

**Status:** Completed and on-going.

*Strategy P13.2.2:* Establish trauma centers to offer medical attention and counseling to affected populations in the event of a bomb explosion.

**Timeframe:** On-going  
**Cost Estimate** This project is essentially a planning item which, by itself, should not  
**(Potential Funding):** require additional funding. (N/A)  
**Coordinating Agency** MCOEM  
**Support Agencies:** Monongalia County Health Department  
**Mitigation Type:** Emergency Services  
**Status:** Unchanged.

*Strategy P13.3.1:* Increase the knowledge of the general public concerning preparedness through the preparation of informational brochures, town meetings, training seminars, etc.

**Timeframe:** On-going  
**Cost Estimate** \$750 - \$2,500 (PDM, Local funding)  
**(Potential Funding):**  
**Coordinating Agency** MCOEM  
**Support Agencies:** LEPC  
**Mitigation Type:** Public Education and Awareness  
**Status:** Completed and on-going.

*Strategy P13.4.1:* Establish trauma centers to offer medical attention and counseling to affected populations in the event of a terrorist event.

**Timeframe:** On-going  
**Cost Estimate** This project is essentially a planning item which, by itself, should not  
**(Potential Funding):** require additional funding. (N/A)  
**Coordinating Agency** MCOEM  
**Support Agencies:** Monongalia County Health Department  
**Mitigation Type:** Emergency Services  
**Status:** Completed and on-going.

*Strategy P13.5.1:* Coordinate with first responders for interagency cooperation to assist in collaborative planning.

**Timeframe:** On-going  
**Cost Estimate** Coordination with other agencies does not require additional  
(Potential Funding): funding. (N/A)  
**Coordinating Agency** MCOEM  
**Support Agencies:** Local First Responders  
**Mitigation Type:** Emergency Services  
**Status:** Completed and on-going.

*Strategy P13.5.2:* Continue education and training efforts of first responders and emergency personnel.

**Timeframe:** On-going  
**Cost Estimate** \$750 - \$2,500 (PDM, Local funding)  
(Potential Funding):  
**Coordinating Agency** MCOEM  
**Support Agencies:** Local FDs, Local PDs, LEPC  
**Mitigation Type:** Emergency Services  
**Status:** Completed and on-going.

HARRISON COUNTY

*Strategy Q1.1.1:* Amend floodplain ordinance for compliance with the NFIP regulations.

**Timeframe:** 1 year

**Cost Estimate** Amendment of the ordinance should require little to no additional  
(Potential Funding): funding (N/A)

**Coordinating Agency** Harrison County Planning Commission

**Support Agencies:** N/A

**Mitigation Type:** Prevention

**Status:** The planning commission is currently revising its floodplain ordinance and will include stormwater management as part of the ordinance.

*Strategy Q1.1.2:* Establish procedure to amend ordinances as NFIP regulations change.

**Timeframe:** 1 year

**Cost Estimate** Amendment of the ordinance should require little to no additional  
(Potential Funding): funding (N/A)

**Coordinating Agency** Harrison County Planning Commission

**Support Agencies:** N/A

**Mitigation Type:** Prevention

**Status:** This strategy represents an on-going initiative. The planning commission is currently revising its floodplain ordinance and will include stormwater management as part of the ordinance.

*Strategy Q1.1.3:* Establish a public education process for utilities, businesses, and residences regarding floodplain management, to include:

- Permit process;
- Elevation of existing and new residences above flood elevation;
- Elevation of existing and new electrical and mechanical devices above flood elevation;
- Storage of documents, personal objectives, and inventory above floodplain;
- Identification and relocation of stored hazardous materials; and
- Installation of flood walls or shields, as applicable.

**Timeframe:** 5 years

**Cost Estimate** Public outreach should require little to no additional funding if done in  
(Potential Funding): tandem with other initiatives (Local funding, PDM)

**Coordinating Agency** Harrison County Bureau of Emergency Services

**Support Agencies:** Harrison County Planning Commission

**Mitigation Type:** Public Education and Awareness

**Status:** Under the state planning law, counties with a planning commission and a comprehensive plan may administer and enforce the “location improvement permit”. Many of the items in this strategy are required by this permit.

*Strategy Q1.1.4:* Continuation of acquisition and demolition of FEMA-identified repetitive loss structures.

**Timeframe:** 5 years

**Cost Estimate** Up to \$95,500 per purchase (HMGP, CDBG)  
(Potential Funding):

**Coordinating Agency** Harrison County Planning Commission

**Support Agencies:** Harrison County Commission

**Mitigation Type:** Prevention

**Status:** This project is considered as and if funding is available.

*Strategy Q1.1.5:* Encourage the preservation of land in the floodplain as passive recreation and open space.

**Timeframe:** 5 years

**Cost Estimate** Encouragement should require little to no additional funding (N/A)

(Potential Funding):

**Coordinating Agency** Harrison County Planning Commission

**Support Agencies:** N/A

**Mitigation Type:** Prevention

**Status:** The planning commission is currently revising its subdivision ordinance. Floodplain compliance and open space requirements are being addressed. Also, stormwater management is being expanded.

*Strategy Q1.1.6:* Revise subdivision regulations to require provision for open space on land that is in the floodplain.

**Timeframe:** 1 year

**Cost Estimate** Maintenance of the ordinance should require little to no additional

(Potential Funding): funding (N/A)

**Coordinating Agency** Harrison County Planning Commission

**Support Agencies:** N/A

**Mitigation Type:** Prevention

**Status:** The county is updating its ordinance.

*Strategy Q1.1.7:* Work with public utilities to:

- Elevate vulnerable equipment where possible, and
- Fasten and seal manholes located in the floodplain.

**Timeframe:** 5 years

**Cost Estimate** Coordination with utilities should require little to no additional funding

(Potential Funding): (N/A)

**Coordinating Agency** Harrison County Planning Commission

**Support Agencies:** Water and Sewer Utilities

**Mitigation Type:** Prevention

**Status:** This project represents an on-going outreach initiative.

*Strategy Q1.1.8:* Continue and expand the intergovernmental agreement process between the county and municipalities in order to provide floodplain management by a certified floodplain manager.

**Timeframe:** 5 years

**Cost Estimate** Cooperation between jurisdictions should require little to no additional  
(Potential Funding): funding (N/A)

**Coordinating Agency** Harrison County Commission

**Support Agencies:** Harrison County Planning Commission

**Mitigation Type:** Public Education and Awareness

**Status:** The planning commission currently has intergovernmental agreements with four (4) communities: Shinnston, Lumberport, Stonewood, and Salem for the provision of code enforcement, including demolition and floodplain management. The staff person responsible is a nationally accredited code official and a certified floodplain manager.

*Strategy Q1.1.9:* Develop and implement a countywide storm water management plan.

**Timeframe:** 1 year

**Cost Estimate** Development of the plan should require little to no additional funding  
(Potential Funding): (N/A)

**Coordinating Agency** Harrison County Planning Commission

**Support Agencies:** N/A

**Mitigation Type:** Prevention

**Status:** This strategy will be addressed by the current revision to the county's floodplain ordinance.

*Strategy Q1.1.10:* Design and implement a countywide housing rehab program which addresses code violations, elevation, and flooding.

**Timeframe:** 3 years

**Cost Estimate** Up to \$500,000 per project, contingent on number of rehabs (CDFI,  
(Potential Funding): Banks, Other State/Federal Sources)

**Coordinating Agency** Harrison County Planning Commission

**Support Agencies:** Harrison County Landmark Commission  
Harrison County Redevelopment Authority

**Mitigation Type:** Prevention

**Status:** This strategy represents an on-going effort and is considered as funding is available.

*Strategy Q1.1.11:* Relocate the Wallace Fire Department to an area not in the floodplain.

**Timeframe:** 3 years

**Cost Estimate** Up to \$1,000,000 (Assistance to Firefighters Grant Program [AFGP],  
(Potential Funding): Local funding)

**Coordinating Agency** Wallace VFD

**Support Agencies:** Harrison County Fire Board  
Harrison County Commission

**Mitigation Type:** Structural Projects

**Status:** This strategy has taken longer than expected on account of funding availability.

*Strategy Q1.1.13:* Develop and implement a demolition program to address, in part, the demolition of substandard, repetitively-flooded structures.

- Timeframe:** 1 year
- Cost Estimate** Up to \$95,500 per structure purchased (WV Housing Development  
(Potential Funding): Fund, Local funding)
- Coordinating Agency** Harrison County Planning Commission
- Support Agencies:** N/A
- Mitigation Type:** Structural Projects
- Status:** This project was added as a part of this update. The county has adopted the property maintenance code of the state international building code in order to alleviate the concerns of residents in the rural areas. The county has limited enforcement to dilapidated, vacant structures. The planning commission will be tracking the number of these structures which are in the floodplain. In the year, approximately 25 structures have been through the enforcement process and have been demolished by their owners. None of these were in the floodplain. The county is submitting an application to the WV Housing Development Fund for a \$100,000 loan to fund demolitions. The county will loan funds to property owners who want to demolish vacant, dilapidated structures. Priority will be given to properties located in the floodplain.

*Strategy Q2.1.1:* Revise regulations for hillside development and landslide-prone areas in the Harrison County Subdivision regulations.

- Timeframe:** 1 year
- Cost Estimate** Revision of the ordinance should require little to no additional funding  
(Potential Funding): (N/A)
- Coordinating Agency** Harrison County Planning Commission
- Support Agencies:** N/A
- Mitigation Type:** Prevention
- Status:** This strategy will be addressed by the current revision to the subdivision ordinance.

*Strategy Q2.1.2: Analyze location of various utility towers and strengthen, as necessary.*

**Timeframe:** 3 years  
**Cost Estimate** Analysis should require little to no additional funding (N/A)  
(Potential Funding):  
**Coordinating Agency** Harrison County Bureau of Emergency Services  
**Support Agencies:** N/A  
**Mitigation Type:** Prevention  
**Status:** This strategy represents an on-going effort of the bureau.

*Strategy Q2.1.3: Analyze location of water and gas lines and provide shut-off valves, as necessary.*

**Timeframe:** 3 years  
**Cost Estimate** Analysis should require little to no additional funding (N/A)  
(Potential Funding):  
**Coordinating Agency** Harrison County Bureau of Emergency Services  
**Support Agencies:** Appropriate Utility Providers  
**Mitigation Type:** Prevention  
**Status:** This strategy represents an on-going effort of the bureau.

*Strategy Q3.1.1: Adopt and enforce the state building code.*

**Timeframe:** 5 years  
**Cost Estimate** Adoption should require no additional funding; enforcement will  
(Potential Funding): require funds that are a part of the planning commission's regular  
budget (N/A)  
**Coordinating Agency** Harrison County Planning Commission  
**Support Agencies:** N/A  
**Mitigation Type:** Prevention  
**Status:** The county has adopted the current version of the state building  
code, including property maintenance portions.

*Strategy Q3.1.2:* Encourage the placement of utility lines underground for critical facilities.

- Timeframe:** 5 years
- Cost Estimate** Coordination with utility companies should require little to no  
(Potential Funding): additional funding (N/A)
- Coordinating Agency** Harrison County Bureau of Emergency Services
- Support Agencies:** N/A
- Mitigation Type:** Prevention
- Status:** This project represents an on-going coordinating effort for both rehabilitation of utility systems and installation of new systems.

*Strategy Q3.1.3:* Encourage tree trimming adjacent to utilities.

- Timeframe:** 5 years
- Cost Estimate** Coordination with utility companies requires little to no additional  
(Potential Funding): funding (N/A)
- Coordinating Agency** Harrison County Bureau of Emergency Services
- Support Agencies:** N/A
- Mitigation Type:** Prevention
- Status:** This strategy represents an on-going, continual effort.

*Strategy Q3.1.4:* Inventory all human and physical resources of public utilities and other public agencies, which may be utilized or shared in emergencies.

- Timeframe:** 3 years
- Cost Estimate** Up to \$10,000 if a contractor is used (HMEP, Emergency  
(Potential Funding): Management Performance Grant [EMPG], DHS, Local funding)
- Coordinating Agency** Harrison County Bureau of Emergency Services
- Support Agencies:** Bridgeport Office of Emergency Services
- Mitigation Type:** Emergency Services
- Status:** Resource inventorying is an on-going emergency preparedness effort.

*Strategy Q4.1.1: Adopt and enforce the state building code.*

- Timeframe:** 5 years
- Cost Estimate** Adoption should require no additional funding; enforcement will  
(Potential Funding): require funds that are a part of the planning commission's regular budget (N/A)
- Coordinating Agency** Harrison County Planning Commission
- Support Agencies:** N/A
- Mitigation Type:** Prevention
- Status:** The county has adopted the current version of the state building code, including property maintenance portions.

*Strategy Q4.1.2: Develop public awareness program regarding shelters, the Emergency Alert System (EAS), and retrofitting of existing buildings.*

- Timeframe:** 4 years
- Cost Estimate** Development of an awareness campaign should require little to no  
(Potential Funding): additional funding if done in house (N/A)
- Coordinating Agency** Harrison County Bureau of Emergency Services
- Support Agencies:** N/A
- Mitigation Type:** Emergency Services
- Status:** This project is updated each time the shelter list is updated.

*Strategy Q4.1.3: Identify and structurally analyze all buildings identified as shelters and strengthen as necessary.*

- Timeframe:** 3 years
- Cost Estimate** Partnership will require no additional funding; strengthening facilities  
(Potential Funding): may require up to \$250,000 per project (FEMA Partnership Grant)
- Coordinating Agency** Harrison County Bureau of Emergency Services
- Support Agencies:** American Red Cross
- Mitigation Type:** Emergency Services
- Status:** This project is updated each time the shelter list is updated.

*Strategy Q5.1.1: Remove vegetation and combustible materials around structures.*

**Timeframe:** 5 years

**Cost Estimate** Encouraging property owners to maintain their property should

(Potential Funding): require little to no additional funding (N/A)

**Coordinating Agency** Harrison County Bureau of Emergency Services

**Support Agencies:** Volunteer Fire Departments

**Mitigation Type:** Prevention

**Status:** This project represents an on-going outreach effort.

*Strategy Q5.1.3: Provide fire roads to aid in firefighting.*

**Timeframe:** 5 years

**Cost Estimate** Pre-planning is a regular fire department function and should require

(Potential Funding): little to no additional funding (N/A)

**Coordinating Agency** Volunteer Fire Departments

**Support Agencies:** N/A

**Mitigation Type:** Emergency Services

**Status:** This project represents a regular, on-going fire company effort.

*Strategy Q5.1.4: Upgrade roofing with fire-resistant materials.*

**Timeframe:** 5 years

**Cost Estimate** Encouraging property owners to maintain their property should

(Potential Funding): require little to no additional funding (N/A)

**Coordinating Agency** Volunteer and Municipal Fire Departments

**Support Agencies:** Harrison County Bureau of Emergency Services

**Mitigation Type:** Prevention

**Status:** This project represents an on-going outreach effort.

*Strategy Q5.1.5:* Adopt and enforce the state building code.

- Timeframe:** 5 years
- Cost Estimate** Adoption should require no additional funding (N/A)
- (Potential Funding):**
- Coordinating Agency** Volunteer and Municipal Fire Departments
- Support Agencies:** Harrison County Planning Commission  
Harrison County Bureau of Emergency Services
- Mitigation Type:** Prevention
- Status:** The county has adopted the current version of the state building code, including property maintenance portions.

*Strategy Q5.1.6:* Establish a county fire board in order to provide a mechanism for county residents to obtain fire hydrants and other fire suppression tools.

- Timeframe:** 2 years
- Cost Estimate** Investigation and other efforts should require little to no additional
- (Potential Funding):** funds (N/A)
- Coordinating Agency** Harrison County Commission
- Support Agencies:** Volunteer Fire Departments
- Mitigation Type:** Emergency Services
- Status:** The county fire board can establish fire fees for the entire county or for certain areas. Local officials are investigating the possibility of using this code section as a method to assist in the financing of the Wallace Fire Department relocation.

*Strategy Q7.1.2:* Inventory of agencies, services, personnel, and equipment which is available for different types of events.

- Timeframe:** 5 years
- Cost Estimate** Up to \$10,000 if a contractor is used (HMEP, EMPG, USDHS, Local
- (Potential Funding):** funding)
- Coordinating Agency** Harrison County Bureau of Emergency Services
- Support Agencies:** Bridgeport Office of Emergency Services
- Mitigation Type:** Emergency Services
- Status:** Resource inventorying is an on-going emergency preparedness effort.

*Strategy Q7.1.3:* Develop a public education campaign regarding the EAS.

**Timeframe:** 5 years

**Cost Estimate** Up to \$2,500 for campaign delivery (PDM, Local funding)

(Potential Funding):

**Coordinating Agency** Harrison County Bureau of Emergency Services

**Support Agencies:** Harrison County Local Emergency Planning Committee

**Mitigation Type:** Public Education and Awareness

**Status:** This project represents an on-going public outreach effort.

*Strategy Q7.1.4:* Continue and expand the intergovernmental agreement process between the county, municipalities, and other public agencies to encourage cooperation, to eliminate duplication of duties to provide cost-effective services to citizens.

**Timeframe:** 5 years

**Cost Estimate** Cooperation between jurisdictions should require little to no additional

(Potential Funding): funding (N/A)

**Coordinating Agency** Harrison County Commission

**Support Agencies:** Harrison County Planning Commission

**Mitigation Type:** Public Education and Awareness

**Status:** The planning commission currently has intergovernmental agreements with four (4) communities: Shinnston, Lumberport, Stonewood, and Salem for the provision of code enforcement, including demolition and floodplain management.

KINGWOOD, CITY OF

*Strategy R1.1.1:* Construct tornado shelters near vulnerable areas, such as mobile home parks.

**Timeframe:** 3 years

**Cost Estimate** Up to \$50,000 to \$80,000. (FEMA)

*(Potential Funding):*

**Coordinating Agency:** City Council

**Support Agencies:** County Commission

**Mitigation Type:** Structural Project

**Status:** This strategy has not been addressed.

*Strategy R2.1.1:* Purchase and permanently install two (2) generators at the Kingwood Water Treatment Plant.

**Timeframe:** 5 years

**Cost Estimate** PDM, CDBG (\$35,000 to \$50,000 to purchase and install).

*(Potential Funding):*

**Coordinating Agency:** Kingwood Water Works

**Support Agencies:** Contractor

**Mitigation Type:** Structural Project

**Status:** Unchanged.

*Strategy R3.1.1:* Construct a building over the clarifiers at the Kingwood Water Treatment Plant.

**Timeframe:** 3 years

**Cost Estimate** PDM, CDBG (Up to \$100,000).

*(Potential Funding):*

**Coordinating Agency:** City Council

**Support Agencies:** County Commission, Contractor, Kingwood Water Works

**Mitigation Type:** Structural Project

**Status:** Unchanged.

LOST CREEK, TOWN OF

*Strategy S1.1.1:* Amend floodplain ordinance for compliance with the NFIP regulations.

**Timeframe:** 3 years

**Cost Estimate** Amendment of the ordinance should require little to no additional  
(Potential Funding): funding (N/A)

**Coordinating Agency** Lost Creek Floodplain Coordinator

**Support Agencies:** Harrison County Planning Commission

**Mitigation Type:** Prevention

**Status:** The county is updating its ordinance and the town will wait until that is done so that it will be consistent.

*Strategy S1.1.2:* Establish procedure to amend ordinances as NFIP regulations change.

**Timeframe:** 3 years

**Cost Estimate** Amendment of the ordinance should require little to no additional  
(Potential Funding): funding (N/A)

**Coordinating Agency** Lost Creek Floodplain Coordinator

**Support Agencies:** Harrison County Planning Commission

**Mitigation Type:** Prevention

**Status:** This strategy represents an on-going initiative.

*Strategy S1.1.3:* Establish a public education process for utilities, businesses, and residences regarding floodplain management, to include:

- Permit process;
- Elevation of existing and new residences above flood elevation;
- Elevation of existing and new electrical and mechanical devices above flood elevation;
- Storage of documents, personal objectives, and inventory above floodplain;
- Identification and relocation of stored hazardous materials; and
- Installation of flood walls or shields, as applicable.

**Timeframe:** 5 years

**Cost Estimate** Public outreach should require little to no additional funding if done in

(Potential Funding): tandem with other initiatives (Local funding, PDM)

**Coordinating Agency** Town of Lost Creek

**Support Agencies:** Harrison County Bureau of Emergency Services

**Mitigation Type:** Public Education and Awareness

**Status:** This strategy represents an on-going initiative.

*Strategy S1.1.4:* Continuation of acquisition and demolition of FEMA-identified repetitive loss structures.

**Timeframe:** 5 years

**Cost Estimate** Up to \$95,500 per purchase (HMGP, CDBG)

(Potential Funding):

**Coordinating Agency** Town of Lost Creek

**Support Agencies:** Harrison County Planning Commission

Harrison County Commission

**Mitigation Type:** Prevention

**Status:** This project is considered as and if funding is available.

*Strategy S1.1.5:* Revise subdivision regulations to require provision for open space on land that is in the floodplain.

- Timeframe:** 3 years
- Cost Estimate** Maintenance of the ordinance should require little to no additional  
(Potential Funding): funding (N/A)
- Coordinating Agency** Town of Lost Creek
- Support Agencies:** Harrison County Planning Commission
- Mitigation Type:** Prevention
- Status:** The county is updating its ordinance and the town will wait until that is done so that it will be consistent.

*Strategy S1.1.6:* Continue and expand the intergovernmental agreement process between the county and municipalities in order to provide floodplain management by a certified floodplain manager.

- Timeframe:** 5 years
- Cost Estimate** Cooperation between jurisdictions should require little to no additional  
(Potential Funding): funding (N/A)
- Coordinating Agency** Town of Lost Creek
- Support Agencies:** N/A
- Mitigation Type:** Public Education and Awareness
- Status:** This strategy represents an on-going, cooperative arrangement between the governmental jurisdictions of Harrison County.

*Strategy S1.1.7:* Design and implement a countywide housing rehab program which addresses code violations, elevation, and flooding.

- Timeframe:** 5 years
- Cost Estimate** Up to \$500,000 per project, contingent on number of rehabs (CDFI,  
(Potential Funding): Banks, Other State/Federal Sources)
- Coordinating Agency** Town of Lost Creek
- Support Agencies:** Harrison County Planning Commission  
Harrison County Landmark Commission  
Harrison County Redevelopment Authority
- Mitigation Type:** Prevention
- Status:** This strategy represents an on-going effort and is considered as funding is available.

*Strategy S2.1.1: Adopt and enforce the state building code.*

**Timeframe:** 3 years  
**Cost Estimate** Updating the ordinance should require little to no additional funding;  
**(Potential Funding):** enforcement may require funds (Local funding)  
**Coordinating Agency** Town of Lost Creek  
**Support Agencies:** Harrison County Planning Commission  
**Mitigation Type:** Prevention  
**Status:** This strategy represents an on-going effort (i.e., the ordinance is updated when the state code is updated).

*Strategy S3.1.1: Adopt and enforce the state building code.*

**Timeframe:** 3 years  
**Cost Estimate** Updating the ordinance should require little to no additional funding;  
**(Potential Funding):** enforcement may require funds (Local funding)  
**Coordinating Agency** Town of Lost Creek  
**Support Agencies:** Harrison County Planning Commission  
**Mitigation Type:** Prevention  
**Status:** This strategy represents an on-going effort (i.e., the ordinance is updated when the state code is updated).

*Strategy S4.1.1: Establish a county fire board in order to provide a mechanism for county residents to obtain fire hydrants and other fire suppression tools.*

**Timeframe:** 5 years  
**Cost Estimate** Investigation and other efforts should require little to no additional  
**(Potential Funding):** funds (N/A)  
**Coordinating Agency** Lost Creek VFD  
**Support Agencies:** Town of Lost Creek  
Harrison County Commission  
**Mitigation Type:** Emergency Services  
**Status:** A county fire board is in existence and it can establish fire fees for certain areas of the county; this strategy remains in the plan to allow local officials the opportunity to investigate the possibility of using this code section as a method to assist in financing fire departments.

*Strategy S5.1.1:* Continue and expand the intergovernmental agreement process between the county, municipalities, and other public agencies to encourage cooperation, to eliminate duplication of duties to provide cost-effective services to citizens.

**Timeframe:** 5 years

**Cost Estimate** Cooperation between jurisdictions should require little to no additional  
(Potential Funding): funding (N/A)

**Coordinating Agency** Town of Lost Creek

**Support Agencies:** N/A

**Mitigation Type:** Public Education and Awareness

**Status:** This strategy represents an on-going, cooperative arrangement between the governmental jurisdictions of Harrison County.

LUMBERPORT, TOWN OF

*Strategy T1.1.1:* Amend floodplain ordinance for compliance with the NFIP regulations.

**Timeframe:** 3 years

**Cost Estimate** Amendment of the ordinance should require little to no additional  
(Potential Funding): funding (N/A)

**Coordinating Agency** Lumberport Floodplain Coordinator

**Support Agencies:** Harrison County Planning Commission

**Mitigation Type:** Prevention

**Status:** The county is updating its ordinance and the town will wait until that is done so that it will be consistent.

*Strategy T1.1.2:* Establish procedure to amend ordinances as NFIP regulations change.

**Timeframe:** 3 years

**Cost Estimate** Amendment of the ordinance should require little to no additional  
(Potential Funding): funding (N/A)

**Coordinating Agency** Lumberport Floodplain Coordinator

**Support Agencies:** Harrison County Planning Commission

**Mitigation Type:** Prevention

**Status:** This strategy represents an on-going initiative.

*Strategy T1.1.3:* Establish a public education process for utilities, businesses, and residences regarding floodplain management, to include:

- Permit process;
- Elevation of existing and new residences above flood elevation;
- Elevation of existing and new electrical and mechanical devices above flood elevation;
- Storage of documents, personal objectives, and inventory above floodplain;
- Identification and relocation of stored hazardous materials; and
- Installation of flood walls or shields, as applicable.

**Timeframe:** 5 years

**Cost Estimate** Public outreach should require little to no additional funding if done in

(Potential Funding): tandem with other initiatives (Local funding, PDM)

**Coordinating Agency** Town of Lumberport

**Support Agencies:** Harrison County Bureau of Emergency Services

**Mitigation Type:** Public Education and Awareness

**Status:** This strategy represents an on-going initiative.

*Strategy T1.1.4:* Continuation of acquisition and demolition of FEMA-identified repetitive loss structures.

**Timeframe:** 5 years

**Cost Estimate** Up to \$95,500 per purchase (HMGP, CDBG)

(Potential Funding):

**Coordinating Agency** Town of Lumberport

**Support Agencies:** Harrison County Planning Commission

Harrison County Commission

**Mitigation Type:** Prevention

**Status:** This project is considered as and if funding is available.

*Strategy T1.1.5:* Revise subdivision regulations to require provision for open space on land that is in the floodplain.

**Timeframe:** 3 years  
**Cost Estimate** Maintenance of the ordinance should require little to no additional  
**(Potential Funding):** funding (N/A)  
**Coordinating Agency** Town of Lumberport  
**Support Agencies:** Harrison County Planning Commission  
**Mitigation Type:** Prevention  
**Status:** The county is updating its ordinance and the town will wait until that is done so that it will be consistent.

*Strategy T1.1.6:* Continue and expand the intergovernmental agreement process between the county and municipalities in order to provide floodplain management by a certified floodplain manager.

**Timeframe:** 5 years  
**Cost Estimate** Cooperation between jurisdictions should require little to no additional  
**(Potential Funding):** funding (N/A)  
**Coordinating Agency** Town of Lumberport  
**Support Agencies:** N/A  
**Mitigation Type:** Public Education and Awareness  
**Status:** This strategy represents an on-going, cooperative arrangement between the governmental jurisdictions of Harrison County.

*Strategy T1.1.7:* Design and implement a countywide housing rehab program which addresses code violations, elevation, and flooding.

**Timeframe:** 5 years  
**Cost Estimate** Up to \$500,000 per project, contingent on number of rehabs (CDFI,  
**(Potential Funding):** Banks, Other State/Federal Sources)  
**Coordinating Agency** Town of Lumberport  
**Support Agencies:** Harrison County Planning Commission  
Harrison County Landmark Commission  
Harrison County Redevelopment Authority  
**Mitigation Type:** Prevention  
**Status:** This strategy represents an on-going effort and is considered as funding is available.

*Strategy T2.1.1:* Adopt and enforce the state building code.

**Timeframe:** 3 years  
**Cost Estimate** Updating the ordinance should require little to no additional funding;  
**(Potential Funding):** enforcement may require funds (Local funding)  
**Coordinating Agency** Town of Lumberport  
**Support Agencies:** Harrison County Planning Commission  
**Mitigation Type:** Prevention  
**Status:** This strategy represents an on-going effort (i.e., the ordinance is updated when the state code is updated).

*Strategy T3.1.1:* Adopt and enforce the state building code.

**Timeframe:** 3 years  
**Cost Estimate** Updating the ordinance should require little to no additional funding;  
**(Potential Funding):** enforcement may require funds (Local funding)  
**Coordinating Agency** Town of Lumberport  
**Support Agencies:** Harrison County Planning Commission  
**Mitigation Type:** Prevention  
**Status:** This strategy represents an on-going effort (i.e., the ordinance is updated when the state code is updated).

*Strategy T4.1.1:* Establish a county fire board in order to provide a mechanism for county residents to obtain fire hydrants and other fire suppression tools.

**Timeframe:** 5 years  
**Cost Estimate** Investigation and other efforts should require little to no additional  
**(Potential Funding):** funds (N/A)  
**Coordinating Agency** Lumberport VFD  
**Support Agencies:** Town of Lumberport  
Harrison County Commission  
**Mitigation Type:** Emergency Services  
**Status:** A county fire board is in existence and it can establish fire fees for certain areas of the county; this strategy remains in the plan to allow local officials the opportunity to investigate the possibility of using this code section as a method to assist in financing fire departments.

*Strategy T5.1.1:* Continue and expand the intergovernmental agreement process between the county, municipalities, and other public agencies to encourage cooperation, to eliminate duplication of duties to provide cost-effective services to citizens.

**Timeframe:** 5 years

**Cost Estimate** Cooperation between jurisdictions should require little to no additional  
(Potential Funding): funding (N/A)

**Coordinating Agency** Town of Lumberport

**Support Agencies:** N/A

**Mitigation Type:** Public Education and Awareness

**Status:** This strategy represents an on-going, cooperative arrangement between the governmental jurisdictions of Harrison County.

MANNINGTON, CITY OF

*Strategy U1.1.1:* Develop stringent storm water management codes for future development, possible including a storm water utility.

**Timeframe:** 3 years

**Cost Estimate** Developing codes should not require any additional funds. (N/A).

(Potential Funding):

**Coordinating Agency** Municipal Councils, local wastewater authorities

**Support Agencies:** County Commission

**Mitigation Type:** Property Protection, Structural Project

**Status:** On-going.

*Strategy U1.2.1:* Use municipal regulations as models to develop a countywide permitting process to supplement the measures taken by lending institutions to monitor new construction in the floodplain.

**Timeframe:** 1 year

**Cost Estimate** No additional funding necessary; however, there may be

(Potential Funding): administrative costs associated with code enforcement. (N/A)

**Coordinating Agency** Municipal Council, County Commission

**Support Agencies:** Office of Planning and Development

**Mitigation Type:** Prevention

**Status:** Completed and on-going.

*Strategy U1.3.1:* Continue to educate faculty and staff at schools on NOAA radio usage.

**Timeframe:** On-going

**Cost Estimate** Continued training should not require additional funding. (N/A)

(Potential Funding):

**Coordinating Agency** Local Emergency Planning Committee (LEPC)

**Support Agencies:** Board of Education

**Mitigation Type:** Public Education and awareness

**Status:** On-going.

*Strategy U1.4.1:* Coordinate with the Soil Conservation Service to continue updating the map showing areas that would be affected by a dam failure.

**Timeframe:** 2 years

**Cost Estimate** Coordination requires little to no additional funding. (SCS)

(Potential Funding):

**Coordinating Agency** Municipal Council, County Commission

**Support Agencies:** LEPC

**Mitigation Type:** Emergency Services

**Status:** On-going.

*Strategy U2.1.1:* Update resource list of contracts with snow removal agencies.

**Timeframe:** 1 year

**Cost Estimate** No immediate additional funding necessary. (N/A)

(Potential Funding):

**Coordinating Agency** Municipal Council, County Commission

**Support Agencies:** WVDOH, Municipal Councils

**Mitigation Type:** Emergency Services, Prevention

**Status:** On-going.

*Strategy U3.1.1:* Establish procedures with companies to clean up material from a landslide quickly and to monitor areas of high risk.

**Timeframe:** On-going

**Cost Estimate** Promotion of the concept can be done as municipal building permits

(Potential Funding): are issued. (N/A)

**Coordinating Agency** Municipal Town Councils

**Support Agencies:** Cleanup Companies

**Mitigation Type:** Property Protection

**Status:** On-going.

*Strategy U4.1.1:* Continue to coordinate with the National Weather Service in Pittsburgh, Pennsylvania to warn residents of impending severe thunderstorm conditions.

**Timeframe:** 6 months

**Cost Estimate** No additional funding required. (N/A)

(Potential Funding):

**Coordinating Agency** LEPC

**Support Agencies:** National Weather Service

**Mitigation Type:** Public Education and Awareness

**Status:** Completed and on-going.

*Strategy U4.1.2:* Continue to monitor and maintain the three (3) rain gauges installed at strategic points throughout the county. Use these gauges in conjunction with the new weather station to monitor current and developing weather incidents.

**Timeframe:** 1 year

**Cost Estimate** Maintenance and monitoring should require little to no additional

(Potential Funding): funding. (Local funding)

**Coordinating Agency** Municipal Council, County Commission

**Support Agencies:** Local PSDs

**Mitigation Type:** Public Education and Awareness

**Status:** On-going.

*Strategy U5.1.2:* Develop plans and schedules with the Department of Agriculture to haul water to residents during drought conditions.

**Timeframe:** 1 year

**Cost Estimate** No additional funding required. (N/A)

(Potential Funding):

**Coordinating Agency** LEPC

**Support Agencies:** Local VFDs

**Mitigation Type:** Prevention

**Status:** Unchanged.

*Strategy U6.1.1:* Equip shelter facilities to provide back-up power.

**Timeframe:** 2 years  
**Cost Estimate** Upwards of \$25,000 each – size dependent. (PDM)  
(Potential Funding):  
**Coordinating Agency** LEPC  
**Support Agencies:** MCDHSEM, VFDs  
**Mitigation Type:** Structural Project, Prevention  
**Status:** On-going.

*Strategy U6.1.2:* Maintain and update the early warning systems that are in place throughout the county.

**Timeframe:** On-going  
**Cost Estimate** No additional funding is required. (N/A)  
(Potential Funding):  
**Coordinating Agency** LEPC  
**Support Agencies:** MCDHSEM  
**Mitigation Type:** Public Education and Awareness  
**Status:** Unchanged.

*Strategy U6.1.3:* Undertake additional planning efforts to measure Marion County's susceptibility to technological and man-made hazards.

**Timeframe:** 1 year  
**Cost Estimate** Studies could cost between \$2,000 and \$7,500 depending on the  
(Potential Funding): scope. (DOJ-ODP, PDM, Local funding)  
**Coordinating Agency** LEPC  
**Support Agencies:** Office of Planning and Development, Municipal Councils  
**Mitigation Type:** Emergency Services  
**Status:** On-going.

MARION COUNTY

*Strategy V1.1.1:* Develop stringent storm water management codes for future development, possible including a storm water utility.

**Timeframe:** 3 years

**Cost Estimate** Developing codes should not require any additional funds. (N/A).

(Potential Funding):

**Coordinating Agency** Municipal Councils, local wastewater authorities

**Support Agencies:** County Commission

**Mitigation Type:** Property Protection, Structural Project

**Status:** On-going.

*Strategy V1.2.1:* Use municipal regulations as models to develop a countywide permitting process to supplement the measures taken by lending institutions to monitor new construction in the floodplain.

**Timeframe:** 1 year

**Cost Estimate** No additional funding necessary; however, there may be

(Potential Funding): administrative costs associated with code enforcement. (N/A)

**Coordinating Agency** County Commission

**Support Agencies:** Office of Planning and Development

**Mitigation Type:** Prevention

**Status:** Completed and on-going.

*Strategy V1.3.1:* Continue to educate faculty and staff at schools on NOAA radio usage.

**Timeframe:** On-going

**Cost Estimate** Continued training should not require additional funding. (N/A)

(Potential Funding):

**Coordinating Agency** Local Emergency Planning Committee (LEPC)

**Support Agencies:** Board of Education

**Mitigation Type:** Public Education and awareness

**Status:** On-going.

*Strategy V1.4.1:* Coordinate with the Soil Conservation Service to continue updating the map showing areas that would be affected by a dam failure.

**Timeframe:** 2 years  
**Cost Estimate** Coordination requires little to no additional funding. (SCS)  
(Potential Funding):  
**Coordinating Agency** County Commission  
**Support Agencies:** LEPC  
**Mitigation Type:** Emergency Services  
**Status:** On-going.

*Strategy V2.1.1:* Update resource list of contracts with snow removal agencies.

**Timeframe:** 1 year  
**Cost Estimate** No immediate additional funding necessary. (N/A)  
(Potential Funding):  
**Coordinating Agency** County Commission  
**Support Agencies:** WVDOH, Municipal Councils  
**Mitigation Type:** Emergency Services, Prevention  
**Status:** On-going.

*Strategy V3.1.1:* Establish procedures with companies to clean up material from a landslide quickly and to monitor areas of high risk.

**Timeframe:** On-going  
**Cost Estimate** Promotion of the concept can be done as municipal building permits  
(Potential Funding): are issued. (N/A)  
**Coordinating Agency** Municipal Town Councils  
**Support Agencies:** Cleanup Companies  
**Mitigation Type:** Property Protection  
**Status:** On-going.

*Strategy V3.2.1:* Coordinate with WVDOH to monitor this slippage.

**Timeframe:** On-going  
**Cost Estimate** Monitoring should require little to no additional funding. (Fairmont  
(Potential Funding): State University [FSU])  
**Coordinating Agency** DOH  
**Support Agencies:** FSC  
**Mitigation Type:** Emergency Services  
**Status:** On-going.

*Strategy V3.2.3:* Research measures such as retaining cables to prevent falling rock incidents along roadways.

**Timeframe:** 5 years  
**Cost Estimate** Research of retaining measures should require little to no additional  
(Potential Funding): funding. Implementation however will require funding through grants  
and/or state and federal sources. (WVDOH)  
**Coordinating Agency** WVDOH  
**Mitigation Type:** Structural Projects  
**Status:** On-going.

*Strategy V4.1.1:* Research the possibility of lowering speed limits along accident-prone sections of I-79.

**Timeframe:** 1 year  
**Cost Estimate** No additional funding necessary. (N/A)  
(Potential Funding):  
**Coordinating Agency** MCDHSEM  
**Support Agencies:** Law Enforcement  
**Mitigation Type:** Prevention  
**Status:** Unchanged.

*Strategy V4.2.1:* Make hazmat training available for emergency services responders.

**Timeframe:** 4 years

**Cost Estimate** \$40 – 125 per person/per class (local funding, PDM)

(Potential Funding):

**Coordinating Agency** MCDHSEM

**Support Agencies:** WVDHSEM, local Emergency Service Providers

**Mitigation Type:** Emergency Services

**Status:** Completed and on-going.

*Strategy V5.1.1:* Continue to coordinate with the National Weather Service in Pittsburgh, Pennsylvania to warn residents of impending severe thunderstorm conditions.

**Timeframe:** 6 months

**Cost Estimate** No additional funding required. (N/A)

(Potential Funding):

**Coordinating Agency** LEPC

**Support Agencies:** National Weather Service

**Mitigation Type:** Public Education and Awareness

**Status:** Completed and on-going.

*Strategy V5.1.2:* Continue to monitor and maintain the three (3) rain gauges installed at strategic points throughout the county. Use these gauges in conjunction with the new weather station to monitor current and developing weather incidents.

**Timeframe:** 1 year

**Cost Estimate** Maintenance and monitoring should require little to no additional

(Potential Funding): funding. (Local funding)

**Coordinating Agency** County Commission

**Support Agencies:** Local PSDs

**Mitigation Type:** Public Education and Awareness

**Status:** On-going.

*Strategy V6.1.2:* Develop plans and schedules with the Department of Agriculture to haul water to residents during drought conditions.

**Timeframe:** 1 year

**Cost Estimate** No additional funding required. (N/A)

(Potential Funding):

**Coordinating Agency** LEPC

**Support Agencies:** Local VFDs

**Mitigation Type:** Prevention

**Status:** Unchanged.

*Strategy V7.1.1:* Coordinate efforts with local media to post advance warnings of hailstorms.

**Timeframe:** 6 months

**Cost Estimate** No additional funding is necessary. (N/A)

(Potential Funding):

**Coordinating Agency** MCDHSEM

**Support Agencies:** Local Media

**Mitigation Type:** Public Education and Awareness

**Status:** On-going

*Strategy V8.1.1:* Distribute information concerning the leading causes of wildfires and steps the general public can take to avoid starting wildfires.

**Timeframe:** 1 Year

**Cost Estimate** Cost is variable dependent upon amount of materials to be

(Potential Funding): distributed. (WVDNR, State Parks Commission)

**Coordinating Agency** WVDNR

**Support Agencies:** State Parks Commission

**Mitigation Type:** Public Education and Awareness

**Status:** Completed and on-going

*Strategy V9.1.1:* Continue to distribute an informational brochure to distribute to local residents.

**Timeframe:** 6 months

**Cost Estimate** Costs should be minimal. (PDM)

(Potential Funding):

**Coordinating Agency** Public Safety Departments

**Support Agencies:** LEPC, MCDHSEM, WVDHSEM

**Mitigation Type:** Public Education and Awareness

**Status:** On-going.

*Strategy V10.1.1:* Identify and make all private sector resources available in concert with the LEPC Resource Manual.

**Timeframe:** On-going

**Cost Estimate** Cost should range between \$7,500 and \$10,000. (SERC)

(Potential Funding):

**Coordinating Agency** LEPC

**Mitigation Type:** Emergency Services

**Status:** Completed and on-going.

*Strategy V10.1.2:* Equip shelter facilities to provide back-up power.

**Timeframe:** 2 years

**Cost Estimate** Upwards of \$25,000 each – size dependent. (PDM)

(Potential Funding):

**Coordinating Agency** LEPC

**Support Agencies:** MCDHSEM, VFDs

**Mitigation Type:** Structural Project, Prevention

**Status:** On-going.

*Strategy V10.1.3:* Maintain and update the early warning systems that are in place throughout the county.

**Timeframe:** On-going

**Cost Estimate** No additional funding is required. (N/A)

(Potential Funding):

**Coordinating Agency** LEPC

**Support Agencies:** MCDHSEM

**Mitigation Type:** Public Education and Awareness

**Status:** Unchanged.

*Strategy V10.1.6:* Undertake additional planning efforts to measure Marion County's susceptibility to technological and man-made hazards.

**Timeframe:** 1 year

**Cost Estimate** Studies could cost between \$2,000 and \$7,500 depending on the

(Potential Funding): scope. (DOJ-ODP, PDM, Local funding)

**Coordinating Agency** LEPC

**Support Agencies:** Office of Planning and Development, Municipal Councils

**Mitigation Type:** Emergency Services

**Status:** On-going.

MASONTOWN, TOWN OF

*Strategy W1.1.1:* Regulate development in the hydraulic shadow (or areas where flooding would occur if there was a severe dam failure of the Masontown water supply dam).

**Timeframe:** During new construction

**Cost Estimate** No funding required. (N/A)

*(Potential Funding):*

**Coordinating Agency:** Town Council

**Support Agencies:** County Commission

**Mitigation Type:** Prevention

**Status:** Unchanged.

MONONGAH, TOWN OF

*Strategy X1.1.1:* Use municipal regulations as models to develop a countywide permitting process to supplement the measures taken by lending institutions to monitor new construction in the floodplain.

**Timeframe:** 1 year

**Cost Estimate** No additional funding necessary; however, there may be  
**(Potential Funding):** administrative costs associated with code enforcement. (N/A)

**Coordinating Agency** Municipal Council, County Commission

**Support Agencies:** Office of Planning and Development

**Mitigation Type:** Prevention

**Status:** Completed and on-going.

*Strategy X1.2.1:* Continue to educate faculty and staff at schools on NOAA radio usage.

**Timeframe:** On-going

**Cost Estimate** Continued training should not require additional funding. (N/A)  
**(Potential Funding):**

**Coordinating Agency** Local Emergency Planning Committee (LEPC)

**Support Agencies:** Board of Education

**Mitigation Type:** Public Education and awareness

**Status:** On-going.

*Strategy X1.3.1:* Coordinate with the Soil Conservation Service to continue updating the map showing areas that would be affected by a dam failure.

**Timeframe:** 2 years

**Cost Estimate** Coordination requires little to no additional funding. (SCS)  
**(Potential Funding):**

**Coordinating Agency** Municipal Council, County Commission

**Support Agencies:** LEPC

**Mitigation Type:** Emergency Services

**Status:** On-going.

*Strategy X2.1.1:* Update resource list of contracts with snow removal agencies.

**Timeframe:** 1 year

**Cost Estimate** No immediate additional funding necessary. (N/A)

(Potential Funding):

**Coordinating Agency** Municipal Council, County Commission

**Support Agencies:** WVDOH, Municipal Councils

**Mitigation Type:** Emergency Services, Prevention

**Status:** On-going.

*Strategy X3.1.1:* Establish procedures with companies to clean up material from a landslide quickly and to monitor areas of high risk.

**Timeframe:** On-going

**Cost Estimate** Promotion of the concept can be done as municipal building permits

(Potential Funding): are issued. (N/A)

**Coordinating Agency** Municipal Town Councils

**Support Agencies:** Cleanup Companies

**Mitigation Type:** Property Protection

**Status:** On-going.

*Strategy X4.1.1:* Continue to coordinate with the National Weather Service in Pittsburgh, Pennsylvania to warn residents of impending severe thunderstorm conditions.

**Timeframe:** 6 months

**Cost Estimate** No additional funding required. (N/A)

(Potential Funding):

**Coordinating Agency** LEPC

**Support Agencies:** National Weather Service

**Mitigation Type:** Public Education and Awareness

**Status:** Completed and on-going.

*Strategy X4.1.2:* Continue to monitor and maintain the three (3) rain gauges installed at strategic points throughout the county. Use these gauges in conjunction with the new weather station to monitor current and developing weather incidents.

**Timeframe:** 1 year

**Cost Estimate** Maintenance and monitoring should require little to no additional  
(Potential Funding): funding. (Local funding)

**Coordinating Agency** Municipal Council, County Commission

**Support Agencies:** Local PSDs

**Mitigation Type:** Public Education and Awareness

**Status:** On-going.

*Strategy X5.1.2:* Develop plans and schedules with the Department of Agriculture to haul water to residents during drought conditions.

**Timeframe:** 1 year

**Cost Estimate** No additional funding required. (N/A)  
(Potential Funding):

**Coordinating Agency** LEPC

**Support Agencies:** Local VFDs

**Mitigation Type:** Prevention

**Status:** Unchanged.

*Strategy X6.1.1:* Equip shelter facilities to provide back-up power.

**Timeframe:** 2 years

**Cost Estimate** Upwards of \$25,000 each – size dependent. (PDM)  
(Potential Funding):

**Coordinating Agency** LEPC

**Support Agencies:** MCDHSEM, VFDs

**Mitigation Type:** Structural Project, Prevention

**Status:** On-going.

*Strategy X6.1.2:* Maintain and update the early warning systems that are in place throughout the county.

**Timeframe:** On-going

**Cost Estimate** No additional funding is required. (N/A)

(Potential Funding):

**Coordinating Agency** LEPC

**Support Agencies:** MCDHSEM

**Mitigation Type:** Public Education and Awareness

**Status:** Unchanged.

*Strategy X6.1.3:* Undertake additional planning efforts to measure Marion County's susceptibility to technological and man-made hazards.

**Timeframe:** 1 year

**Cost Estimate** Studies could cost between \$2,000 and \$7,500 depending on the

(Potential Funding): scope. (DOJ-ODP, PDM, Local funding)

**Coordinating Agency** LEPC

**Support Agencies:** Office of Planning and Development, Municipal Councils

**Mitigation Type:** Emergency Services

**Status:** On-going.

## MONONGALIA COUNTY

*Strategy Y1.1.2:* Educate local residents on the benefits of conserving water at all times, not just during a drought.

**Timeframe:** On-going

**Cost Estimate** \$750 - \$2,500 (PDM, Local funding)

(Potential Funding):

**Coordinating Agency** MCOEM

**Support Agencies:** Local PSDs

**Mitigation Type:** Public Education and Awareness

**Status:** Completed and on-going.

*Strategy Y2.1.1:* Develop an informational brochure explaining the potential for earthquakes as well as the potential damages from those earthquakes. The brochure should include information on measures to take to safe-proof homes and other structures from the potential effects of earthquakes.

**Timeframe:** On-going

**Cost Estimate** \$750 - \$2,500 (PDM, Local funding)

(Potential Funding):

**Coordinating Agency** MCOEM

**Support Agencies:** USGS

**Mitigation Type:** Public Education and Awareness

**Status:** Completed and on-going.

*Strategy Y3.1.1:* Instate countywide building codes and other general planning regulations (including land use planning), which will regulate the number of buildings and the materials used in buildings that are constructed in slide-prone areas.

**Timeframe:** 5 years

**Cost Estimate** Creation and adoption of codes requires no funding. (N/A)

(Potential Funding):

**Coordinating Agency** County Commission

**Support Agencies:** Planning and Zoning

**Mitigation Type:** Property Protection

**Status:** Unchanged.

*Strategy Y3.1.3:* Educate the public as to the benefits of building codes and overall community and land use planning as well as advantages to mitigation planning.

**Timeframe:** On-going

**Cost Estimate** \$750 - \$2,500 (PDM, Local funding)

(Potential Funding):

**Coordinating Agency** County Commission

**Support Agencies:** Municipal Councils, Planning and Zoning

**Mitigation Type:** Public Education and Awareness

**Status:** Completed and on-going.

*Strategy Y3.1.4:* Strictly enforce ground disturbance permitting regulations, such as new MS4 requirements, in municipal and county jurisdictions.

**Timeframe:** On-going

**Cost Estimate** Existing personnel could be used, thus cutting cost. (N/A)

(Potential Funding):

**Coordinating Agency** County Commission

**Support Agencies:** Municipal Councils

**Mitigation Type:** Prevention

**Status:** Unchanged.

*Strategy Y3.2.1:* Undertake active re-vegetation and other storm water programs to cover areas of bare ground that may be susceptible to erosion.

**Timeframe:** On-going

**Cost Estimate** Up to \$5,000 to \$10,000, contingent on size of project. (Local

(Potential Funding): funding)

**Coordinating Agency** Planning Commission

**Support Agencies:** Municipal Inspection/Planning Offices

**Mitigation Type:** Structural Project

**Status:** Completed and on-going.

*Strategy Y3.2.2:* Evaluate the viability of the retaining wall on Logan and Jefferson Streets in Morgantown's South Park.

**Timeframe:** 5 years

**Cost Estimate** Evaluating the structure would require little additional funding.

(Potential Funding):

**Coordinating Agency** Morgantown Public Works

**Mitigation Type:** Structural Project

**Status:** Unchanged.

*Strategy Y4.1.1:* Produce public awareness campaigns via various local media outlets.

**Timeframe:** On-going

**Cost Estimate** \$750 - \$2,500 (PDM, Local funding)

(Potential Funding):

**Coordinating Agency** Monongalia County Health Department

**Support Agencies:** CDC, WHO

**Mitigation Type:** Public Education and Awareness

**Status:** Completed and on-going.

*Strategy Y5.1.1:* Continue the development of storm water management codes for future development outside of the City of Morgantown, where such actions are underway.

**Timeframe:** 5 years

**Cost Estimate** Creation and adoption of codes requires no initial funding.

(Potential Funding): Administrative costs associated with code enforcement may eventually require funding, however.)

**Coordinating Agency** County Commission

**Support Agencies:** Planning and Zoning

**Mitigation Type:** Prevention

**Status:** On-going.

*Strategy Y5.2.1:* Continue the implementation of countywide floodplain management.

**Timeframe:** 5 years  
**Cost Estimate** Creating codes requires no funding. (N/A)  
**(Potential Funding):**  
**Coordinating Agency** County Commission  
**Support Agencies:** Local floodplain managers  
**Mitigation Type:** Property Protection  
**Status:** Completed and on-going.

*Strategy Y5.3.1:* Work with applicable agencies to facilitate studies in repeatedly flooded areas such as Dents Run, Burroughs Run, Dunkard, Sabraton, and areas along Decker's Creek.

**Timeframe:** On-going  
**Cost Estimate** Coordination with other agencies does not require additional  
**(Potential Funding):** funding. (N/A)  
**Coordinating Agency** Planning Commission  
**Support Agencies:** MCOEM  
**Mitigation Type:** Emergency Services  
**Status:** Completed and on-going.

*Strategy Y6.1.1:* Coordinate efforts with local media to post advance warnings of hailstorms.

**Timeframe:** On-going  
**Cost Estimate** Coordination with other agencies does not require additional  
**(Potential Funding):** funding. (N/A)  
**Coordinating Agency** MCOEM  
**Support Agencies:** Local Media Outlets  
**Mitigation Type:** Public Education and Awareness  
**Status:** Completed and on-going.

*Strategy Y7.1.1:* Coordinate with the National Weather Service (NWS) in Pittsburgh, Pennsylvania to warn residents of impending severe thunderstorm conditions.

**Timeframe:** On-going  
**Cost Estimate** Coordination with other agencies does not require additional  
(Potential Funding): funding. (N/A)  
**Coordinating Agency** MCOEM  
**Support Agencies:** NWS  
**Mitigation Type:** Public Education and Awareness  
**Status:** Completed and on-going.

*Strategy Y8.1.1:* Coordinate with the NWS in Pittsburgh, Pennsylvania to warn residents of impending severe wind and possible tornado conditions.

**Timeframe:** On-going  
**Cost Estimate** Coordination with other agencies does not require additional  
(Potential Funding): funding. (N/A)  
**Coordinating Agency** MCOEM  
**Support Agencies:** NWS  
**Mitigation Type:** Public Education and Awareness  
**Status:** Completed and on-going.

*Strategy Y8.2.1:* Instate countywide building codes which will regulate the materials used in buildings that are constructed with respect to design wind speeds.

**Timeframe:** 5 years  
**Cost Estimate** Creation and adoption of codes requires no initial funding.  
(Potential Funding): Administrative costs associated with code enforcement may eventually require funding, however.  
**Coordinating Agency** County Commission  
**Mitigation Type:** Prevention  
**Status:** Unchanged.

*Strategy Y9.1.1:* Institute countywide building codes and other general planning requirements, which will regulate the materials used in construction with respect to snow and ice weight.

**Timeframe:** 5 years

**Cost Estimate** Creation and adoption of codes requires no initial funding.

**(Potential Funding):** Administrative costs associated with code enforcement may eventually require funding, however.

**Coordinating Agency** County Commission

**Mitigation Type:** Prevention

**Status:** Unchanged.

*Strategy Y9.1.2:* Enforce existing building codes and planning requirements that are already in place.

**Timeframe:** On-going

**Cost Estimate** Funds are already budgeted for planning/inspection departments.

**(Potential Funding):**

**Coordinating Agency** Planning Commission

**Support Agencies:** Morgantown Planning, Westover Inspection

**Mitigation Type:** Property Protection

**Status:** Completed and on-going.

*Strategy Y9.2.1:* Continue outfitting and preparing the winter rescue team to ensure that emergency responders can access all parts of the county.

**Timeframe:** On-going

**Cost Estimate** Up to \$25,000 (HMGP, PDM, DHS, Local funding)

**(Potential Funding):**

**Coordinating Agency** MCOEM

**Support Agencies:** First Response Agencies.

**Mitigation Type:** Emergency Services

**Status:** On-going.

*Strategy Y10.1.1:* Distribute information concerning the leading causes of wildfires and steps the general public can take to avoid starting wildfires.

**Timeframe:** On-going  
**Cost Estimate** \$750 - \$2,500 (PDM, Local funding)  
(Potential Funding):  
**Coordinating Agency** MCOEM  
**Support Agencies:** WV Division of Forestry, WVDNR  
**Mitigation Type:** Public Education and Awareness  
**Status:** Completed and on-going.

*Strategy Y10.2.1:* Continue to train and organize local fire service personnel to assist in the investigation of structural fires and the citation of code violations through a certification program made available to local fire chiefs.

**Timeframe:** On-going  
**Cost Estimate** Training opportunities are often provided through the WVU Fire  
(Potential Funding): Service Extension. (N/A)  
**Coordinating Agency** Local FDs  
**Support Agencies:** WVU Fire Service Extension  
**Mitigation Type:** Emergency Services  
**Status:** On-going.

*Strategy Y10.2.2:* Coordinate with the WVSFM to extend the jurisdiction of deputized fire marshals to a statewide jurisdiction.

**Timeframe:** 5 years  
**Cost Estimate** Coordination with other agencies does not require additional  
(Potential Funding): funding. (N/A)  
**Coordinating Agency** WVSFM  
**Mitigation Type:** Emergency Services  
**Status:** Unchanged.

*Strategy Y10.2.3:* Certify police departments, who have arrest powers, to handle arson investigations in place of fire departments, who do not have arrest powers (include a modified version of the State Police Academy to provide such training).

**Timeframe:** 5 years  
**Cost Estimate** Project is still in exploration stage, which requires little additional  
**(Potential Funding):** funding.  
**Coordinating Agency** Local VFDs  
**Support Agencies:** WVSP  
**Mitigation Type:** Emergency Services  
**Status:** Unchanged.

*Strategy Y10.3.1:* Continue installing wet and dry hydrants in rural portions of the county.

**Timeframe:** On-going  
**Cost Estimate** \$500 - \$750 per hydrant (USDA, NRCS, Local funding).  
**(Potential Funding):**  
**Coordinating Agency** Local FDs  
**Support Agencies:** NRCS  
**Mitigation Type:** Structural Project  
**Status:** Completed and on-going.

*Strategy Y10.3.2:* Consider planning and subdivision regulations that will require certain levels of fire flow and potable water pressure as subdivisions are developed.

**Timeframe:** 5 years  
**Cost Estimate** Creation and adoption of codes requires no initial funding.  
**(Potential Funding):** Administrative costs associated with code enforcement may eventually require funding, however.  
**Coordinating Agency** County Commission  
**Support Agencies:** Morgantown Municipal Council  
**Mitigation Type:** Property Protection  
**Status:** Completed and on-going.

*Strategy Y10.4.1:* Facilitate public awareness campaigns aimed at recruiting more volunteers at volunteer fire departments.

**Timeframe:** On-going

**Cost Estimate** \$750 - \$2,500 (PDM, Local funding)

(Potential Funding):

**Coordinating Agency** Local FDs

**Support Agencies:** MCOEM

**Mitigation Type:** Public Education and Awareness

**Status:** Completed and on-going.

*Strategy Y10.4.2:* Hire additional firefighters at paid-staff fire departments.

**Timeframe:** On-going

**Cost Estimate** Up to \$40,000/yr. per firefighter (Local funding)

(Potential Funding):

**Coordinating Agency** Morgantown Municipal Council

**Support Agencies:** Local FDS

**Mitigation Type:** Emergency Services

**Status:** Completed and on-going.

*Strategy Y10.4.3:* Continue public awareness campaigns in schools, etc.

**Timeframe:** On-going

**Cost Estimate** \$750 - \$2,500 (PDM, Local funding)

(Potential Funding):

**Coordinating Agency** Local FDs

**Support Agencies:** WVSFM

**Mitigation Type:** Public Education and Awareness

**Status:** Completed and on-going.

*Strategy Y11.1.1:* Encourage Allegheny Power to undertake projects to increase the number of feeder lines into rural areas so as to create back-up electricity in the event that one of the feeder lines fails.

**Timeframe:** On-going  
**Cost Estimate** Coordination with other agencies does not require additional  
(Potential Funding): funding. (N/A)  
**Coordinating Agency** County Commission  
**Support Agencies:** MCOEM, Municipal Council  
**Mitigation Type:** Structural Project  
**Status:** Unchanged.

*Strategy Y11.1.2:* Encourage Allegheny Power to allow employees to take company vehicles home to be available for emergency call-outs in the event of a downed electric line. These actions will free-up local emergency responders who normally monitor the downed line.

**Timeframe:** On-going  
**Cost Estimate** Coordination with other agencies does not require additional  
(Potential Funding): funding. (N/A)  
**Coordinating Agency** County Commission  
**Support Agencies:** MCOEM, Municipal Council  
**Mitigation Type:** Emergency Services  
**Status:** Unchanged.

*Strategy Y11.2.1:* Encourage representatives from the county's assets (e.g. company leaders, etc.) to draft and distribute guidelines to implement in the event of an HVAC failure.

**Timeframe:** On-going  
**Cost Estimate** Coordination with other agencies does not require additional  
(Potential Funding): funding. (N/A)  
**Coordinating Agency** MCOEM  
**Support Agencies:** Company Leaders  
**Mitigation Type:** Emergency Services  
**Status:** Completed and on-going.

*Strategy Y11.3.1:* Instate a grant or low-interest loan program to help individual residents finance generators and other back-up electricity systems.

**Timeframe:** 5 years

**Cost Estimate** Up to \$5,000 (Initial funds could be local funds, grants from non-profit organizations, etc. Ultimately, funds returned as part of the program could be used to finance subsequent years.)  
**(Potential Funding):**

**Coordinating Agency** MCOEM

**Mitigation Type:** Structural Project

**Status:** Unchanged.

*Strategy Y12.1.1:* Coordinate with local media to announce low resource supplies.

**Timeframe:** On-going

**Cost Estimate** Coordination with other agencies does not require additional  
**(Potential Funding):** funding. (N/A)

**Coordinating Agency** MCOEM

**Support Agencies:** Local Media Outlets

**Mitigation Type:** Public Education and Awareness

**Status:** Completed and on-going.

*Strategy Y12.1.2:* Coordinate with local media to announce low fuel supplies.

**Timeframe:** On-going

**Cost Estimate** Coordination with other agencies does not require additional  
**(Potential Funding):** funding. (N/A)

**Coordinating Agency** MCOEM

**Support Agencies:** Local Media Outlets

**Mitigation Type:** Public Education and Awareness

**Status:** Completed and on-going.

*Strategy Y12.1.3:* Increase public knowledge as to resource conservation by distributing information to new and existing customers.

**Timeframe:** On-going

**Cost Estimate** \$750 - \$2,500 (PDM, Local funding)  
**(Potential Funding):**

**Coordinating Agency** MCOEM

**Mitigation Type:** Public Education and Awareness

**Status:** Completed and on-going.

*Strategy Y13.1.1:* Increase security at large gatherings, festivals, sporting events, etc. throughout the county and municipalities. Examples include events at Mylan Park, Mountain Fest, and events at WVU.

**Timeframe:** On-going

**Cost Estimate** Funding for law enforcement security officers is a part of regular  
(Potential Funding): operating budgets. (N/A)

**Coordinating Agency** Monongalia County Sheriff's Office

**Support Agencies:** Municipal PDs

**Mitigation Type:** Emergency Services

**Status:** Unchanged.

*Strategy Y14.1.1:* Assess the feasibility of cleaning up busy intersections.

**Timeframe:** On-going

**Cost Estimate** Assessing feasibility, like coordination, requires little additional  
(Potential Funding): funding.

**Coordinating Agency** MPO

**Support Agencies:** WVDOH

**Mitigation Type:** Emergency Services

**Status:** Completed and on-going.

*Strategy Y14.1.2:* Evaluate railroad and roadway intersections for warning systems, etc.

**Timeframe:** On-going

**Cost Estimate** Evaluating systems, like coordination, requires little additional  
(Potential Funding): funding. (N/A)

**Coordinating Agency** MPO

**Support Agencies:** CSX, Norfolk & Western

**Mitigation Type:** Emergency Services

**Status:** Completed and on-going.

*Strategy Y14.1.3:* Evaluate dams and locks that plan an integral role in water transportation.

**Timeframe:** On-going  
**Cost Estimate** Evaluating systems, like coordination, requires little additional  
**(Potential Funding):** funding. (N/A)  
**Coordinating Agency** MCOEM  
**Support Agencies:** USACE  
**Mitigation Type:** Emergency Services  
**Status:** Completed and on-going.

*Strategy Y14.2.1:* Publicize evacuation plans.

**Timeframe:** On-going  
**Cost Estimate** This project could be accomplished through existing public  
**(Potential Funding):** information campaigns.  
**Coordinating Agency** MCOEM  
**Mitigation Type:** Public Education and Awareness  
**Status:** Completed and on-going.

*Strategy Y14.2.2:* Facilitate the creation of safe zones as places where residents can go in the event of a hazardous material incident. Further, publicize the location and access to these safe zones.

**Timeframe:** On-going  
**Cost Estimate** This project is essentially a planning item which, by itself, should not  
**(Potential Funding):** require additional funding. (N/A)  
**Coordinating Agency** MCOEM  
**Support Agencies:** LEPC  
**Mitigation Type:** Emergency Services  
**Status:** Completed and on-going.

*Strategy Y15.1.1:* Encourage schools to adopt and/or upgrade procedural and evacuation plans in the event of a bomb threat.

**Timeframe:** On-going  
**Cost Estimate** Schools are already planning; these additional measures would  
(Potential Funding): require no additional costs. (N/A)  
**Coordinating Agency** Monongalia County Schools  
**Support Agencies:** MCOEM  
**Mitigation Type:** Emergency Services  
**Status:** Completed and on-going.

*Strategy Y15.2.2:* Establish trauma centers to offer medical attention and counseling to affected populations in the event of a bomb explosion.

**Timeframe:** On-going  
**Cost Estimate** This project is essentially a planning item which, by itself, should not  
(Potential Funding): require additional funding. (N/A)  
**Coordinating Agency** MCOEM  
**Support Agencies:** Monongalia County Health Department  
**Mitigation Type:** Emergency Services  
**Status:** Unchanged.

*Strategy Y15.3.1:* Increase the knowledge of the general public concerning preparedness through the preparation of informational brochures, town meetings, training seminars, etc.

**Timeframe:** On-going  
**Cost Estimate** \$750 - \$2,500 (PDM, Local funding)  
(Potential Funding):  
**Coordinating Agency** MCOEM  
**Support Agencies:** LEPC  
**Mitigation Type:** Public Education and Awareness  
**Status:** Completed and on-going.

*Strategy Y15.4.1:* Establish trauma centers to offer medical attention and counseling to affected populations in the event of a terrorist event.

**Timeframe:** On-going

**Cost Estimate** This project is essentially a planning item which, by itself, should not  
(Potential Funding): require additional funding. (N/A)

**Coordinating Agency** MCOEM

**Support Agencies:** Monongalia County Health Department

**Mitigation Type:** Emergency Services

**Status:** Completed and on-going.

*Strategy Y15.5.1:* Coordinate with first responders for interagency cooperation to assist in collaborative planning.

**Timeframe:** On-going

**Cost Estimate** Coordination with other agencies does not require additional  
(Potential Funding): funding. (N/A)

**Coordinating Agency** MCOEM

**Support Agencies:** Local First Responders

**Mitigation Type:** Emergency Services

**Status:** Completed and on-going.

*Strategy Y15.5.2:* Continue education and training efforts of first responders and emergency personnel.

**Timeframe:** On-going

**Cost Estimate** \$750 - \$2,500 (PDM, Local funding)  
(Potential Funding):

**Coordinating Agency** MCOEM

**Support Agencies:** Local FDs, Local PDs, LEPC

**Mitigation Type:** Emergency Services

**Status:** Completed and on-going.

MORGANTOWN, CITY OF

*Strategy Z1.1.2:* Educate local residents on the benefits of conserving water at all times, not just during a drought.

**Timeframe:** On-going

**Cost Estimate** \$750 - \$2,500 (PDM, Local funding)

(Potential Funding):

**Coordinating Agency** Municipal Council, MCOEM

**Support Agencies:** Local PSDs

**Mitigation Type:** Public Education and Awareness

**Status:** Completed and on-going.

*Strategy Z2.1.1:* Develop an informational brochure explaining the potential for earthquakes as well as the potential damages from those earthquakes. The brochure should include information on measures to take to safe-proof homes and other structures from the potential effects of earthquakes.

**Timeframe:** On-going

**Cost Estimate** \$750 - \$2,500 (PDM, Local funding)

(Potential Funding):

**Coordinating Agency** MCOEM

**Support Agencies:** USGS

**Mitigation Type:** Public Education and Awareness

**Status:** Completed and on-going.

*Strategy Z3.1.1:* Educate the public as to the benefits of building codes and overall community and land use planning as well as advantages to mitigation planning.

**Timeframe:** On-going

**Cost Estimate** \$750 - \$2,500 (PDM, Local funding)

(Potential Funding):

**Coordinating Agency** County Commission

**Support Agencies:** Municipal Councils, Planning and Zoning

**Mitigation Type:** Public Education and Awareness

**Status:** Completed and on-going.

*Strategy Z3.1.2:* Strictly enforce ground disturbance permitting regulations, such as new MS4 requirements, in municipal and county jurisdictions.

**Timeframe:** On-going

**Cost Estimate** Existing personnel could be used, thus cutting cost. (N/A)

(Potential Funding):

**Coordinating Agency** County Commission

**Support Agencies:** Municipal Councils

**Mitigation Type:** Prevention

**Status:** Unchanged.

*Strategy Z3.2.1:* Undertake active re-vegetation and other storm water programs to cover areas of bare ground that may be susceptible to erosion.

**Timeframe:** On-going

**Cost Estimate** Up to \$5,000 to \$10,000, contingent on size of project. (Local

(Potential Funding): funding)

**Coordinating Agency** Planning Commission

**Support Agencies:** Municipal Inspection/Planning Offices

**Mitigation Type:** Structural Project

**Status:** Completed and on-going.

*Strategy Z4.1.1:* Produce public awareness campaigns via various local media outlets.

**Timeframe:** On-going

**Cost Estimate** \$750 - \$2,500 (PDM, Local funding)

(Potential Funding):

**Coordinating Agency** Monongalia County Health Department

**Support Agencies:** CDC, WHO

**Mitigation Type:** Public Education and Awareness

**Status:** Completed and on-going.

*Strategy Z5.1.1:* Coordinate efforts with local media to post advance warnings of hailstorms.

**Timeframe:** On-going  
**Cost Estimate** Coordination with other agencies does not require additional  
(Potential Funding): funding. (N/A)  
**Coordinating Agency** MCOEM  
**Support Agencies:** Local Media Outlets  
**Mitigation Type:** Public Education and Awareness  
**Status:** Completed and on-going.

*Strategy Z6.1.1:* Coordinate with the National Weather Service (NWS) in Pittsburgh, Pennsylvania to warn residents of impending severe thunderstorm conditions.

**Timeframe:** On-going  
**Cost Estimate** Coordination with other agencies does not require additional  
(Potential Funding): funding. (N/A)  
**Coordinating Agency** MCOEM  
**Support Agencies:** NWS  
**Mitigation Type:** Public Education and Awareness  
**Status:** Completed and on-going.

*Strategy Z7.1.1:* Coordinate with the NWS in Pittsburgh, Pennsylvania to warn residents of impending severe wind and possible tornado conditions.

**Timeframe:** On-going  
**Cost Estimate** Coordination with other agencies does not require additional  
(Potential Funding): funding. (N/A)  
**Coordinating Agency** MCOEM  
**Support Agencies:** NWS  
**Mitigation Type:** Public Education and Awareness  
**Status:** Completed and on-going.

*Strategy Z8.1.1:* Continue outfitting and preparing the winter rescue team to ensure that emergency responders can access all parts of the county.

**Timeframe:** On-going

**Cost Estimate** Up to \$25,000 (HMGP, PDM, DHS, Local funding)

(Potential Funding):

**Coordinating Agency** MCOEM

**Support Agencies:** First Response Agencies.

**Mitigation Type:** Emergency Services

**Status:** On-going.

*Strategy Z9.1.1:* Distribute information concerning the leading causes of wildfires and steps the general public can take to avoid starting wildfires.

**Timeframe:** On-going

**Cost Estimate** \$750 - \$2,500 (PDM, Local funding)

(Potential Funding):

**Coordinating Agency** MCOEM

**Support Agencies:** WV Division of Forestry, WVDNR

**Mitigation Type:** Public Education and Awareness

**Status:** Completed and on-going.

*Strategy Z9.2.1:* Continue to train and organize local fire service personnel to assist in the investigation of structural fires and the citation of code violations through a certification program made available to local fire chiefs.

**Timeframe:** On-going

**Cost Estimate** Training opportunities are often provided through the WVU Fire

(Potential Funding): Service Extension. (N/A)

**Coordinating Agency** Local FDs

**Support Agencies:** WVU Fire Service Extension

**Mitigation Type:** Emergency Services

**Status:** On-going.

*Strategy Z9.2.2:* Coordinate with the WVFSM to extend the jurisdiction of deputized fire marshals to a statewide jurisdiction.

**Timeframe:** 5 years

**Cost Estimate** Coordination with other agencies does not require additional

(Potential Funding): funding. (N/A)

**Coordinating Agency** WVFSM

**Mitigation Type:** Emergency Services

**Status:** Unchanged.

*Strategy Z9.2.3:* Certify police departments, who have arrest powers, to handle arson investigations in place of fire departments, who do not have arrest powers (include a modified version of the State Police Academy to provide such training).

**Timeframe:** 5 years

**Cost Estimate** Project is still in exploration stage, which requires little additional

(Potential Funding): funding.

**Coordinating Agency** Local FDs

**Support Agencies:** WVSP

**Mitigation Type:** Emergency Services

**Status:** Unchanged.

*Strategy Z9.3.1:* Facilitate public awareness campaigns aimed at recruiting more volunteers at volunteer fire departments.

**Timeframe:** On-going

**Cost Estimate** \$750 - \$2,500 (PDM, Local funding)

(Potential Funding):

**Coordinating Agency** Local FDs

**Support Agencies:** MCOEM

**Mitigation Type:** Public Education and Awareness

**Status:** Completed and on-going.

*Strategy Z9.3.3:* Continue public awareness campaigns in schools, etc.

**Timeframe:** On-going

**Cost Estimate** \$750 - \$2,500 (PDM, Local funding)

(Potential Funding):

**Coordinating Agency** Local FDs

**Support Agencies:** WVFSM

**Mitigation Type:** Public Education and Awareness

**Status:** Completed and on-going.

*Strategy Z10.1.1:* Encourage Allegheny Power to undertake projects to increase the number of feeder lines into rural areas so as to create back-up electricity in the event that one of the feeder lines fails.

**Timeframe:** On-going

**Cost Estimate** Coordination with other agencies does not require additional

(Potential Funding): funding. (N/A)

**Coordinating Agency** County Commission

**Support Agencies:** MCOEM, Municipal Council

**Mitigation Type:** Structural Project

**Status:** Unchanged.

*Strategy Z10.1.2:* Encourage Allegheny Power to allow employees to take company vehicles home to be available for emergency call-outs in the event of a downed electric line. These actions will free-up local emergency responders who normally monitor the downed line.

**Timeframe:** On-going

**Cost Estimate** Coordination with other agencies does not require additional

(Potential Funding): funding. (N/A)

**Coordinating Agency** County Commission

**Support Agencies:** MCOEM, Municipal Council

**Mitigation Type:** Emergency Services

**Status:** Unchanged.

*Strategy Z10.2.1:* Encourage representatives from the county's assets (e.g. company leaders, etc.) to draft and distribute guidelines to implement in the event of an HVAC failure.

**Timeframe:** On-going  
**Cost Estimate** Coordination with other agencies does not require additional  
(Potential Funding): funding. (N/A)  
**Coordinating Agency** MCOEM  
**Support Agencies:** Company Leaders  
**Mitigation Type:** Emergency Services  
**Status:** Completed and on-going.

*Strategy Z10.3.1:* Instate a grant or low-interest loan program to help individual residents finance generators and other back-up electricity systems.

**Timeframe:** 5 years  
**Cost Estimate** Up to \$5,000 (Initial funds could be local funds, grants from non-  
(Potential Funding): profit organizations, etc. Ultimately, funds returned as part of the  
program could be used to finance subsequent years.  
**Coordinating Agency** MCOEM  
**Mitigation Type:** Structural Project  
**Status:** Unchanged.

*Strategy Z11.1.1:* Coordinate with local media to announce low resource supplies.

**Timeframe:** On-going  
**Cost Estimate** Coordination with other agencies does not require additional  
(Potential Funding): funding. (N/A)  
**Coordinating Agency** MCOEM  
**Support Agencies:** Local Media Outlets  
**Mitigation Type:** Public Education and Awareness  
**Status:** Completed and on-going.

*Strategy Z11.1.2:* Coordinate with local media to announce low fuel supplies.

**Timeframe:** On-going  
**Cost Estimate** Coordination with other agencies does not require additional  
(Potential Funding): funding. (N/A)  
**Coordinating Agency** MCOEM  
**Support Agencies:** Local Media Outlets  
**Mitigation Type:** Public Education and Awareness  
**Status:** Completed and on-going.

*Strategy Z11.1.3:* Increase public knowledge as to resource conservation by distributing information to new and existing customers.

**Timeframe:** On-going  
**Cost Estimate** \$750 - \$2,500 (PDM, Local funding)  
(Potential Funding):  
**Coordinating Agency** MCOEM  
**Mitigation Type:** Public Education and Awareness  
**Status:** Completed and on-going.

*Strategy Z12.1.1:* Increase security at large gatherings, festivals, sporting events, etc. throughout the county and municipalities. Examples include events at Mylan Park, Mountain Fest, and events at WVU.

**Timeframe:** On-going  
**Cost Estimate** Funding for law enforcement security officers is a part of regular  
(Potential Funding): operating budgets. (N/A)  
**Coordinating Agency** Monongalia County Sheriff's Office  
**Support Agencies:** Municipal PDs  
**Mitigation Type:** Emergency Services  
**Status:** Unchanged.

*Strategy Z13.1.1: Assess the feasibility of cleaning up busy intersections.*

**Timeframe:** On-going  
**Cost Estimate** Assessing feasibility, like coordination, requires little additional  
(Potential Funding): funding.  
**Coordinating Agency** MPO  
**Support Agencies:** WVDOH  
**Mitigation Type:** Emergency Services  
**Status:** Completed and on-going.

*Strategy Z13.1.2: Evaluate railroad and roadway intersections for warning systems, etc.*

**Timeframe:** On-going  
**Cost Estimate** Evaluating systems, like coordination, requires little additional  
(Potential Funding): funding. (N/A)  
**Coordinating Agency** MPO  
**Support Agencies:** CSX, Norfolk & Western  
**Mitigation Type:** Emergency Services  
**Status:** Completed and on-going.

*Strategy Z13.2.1: Publicize evacuation plans.*

**Timeframe:** On-going  
**Cost Estimate** This project could be accomplished through existing public  
(Potential Funding): information campaigns.  
**Coordinating Agency** MCOEM  
**Mitigation Type:** Public Education and Awareness  
**Status:** Completed and on-going.

*Strategy Z13.2.2:* Facilitate the creation of safe zones as places where residents can go in the event of a hazardous material incident. Further, publicize the location and access to these safe zones.

**Timeframe:** On-going

**Cost Estimate** This project is essentially a planning item which, by itself, should not  
(Potential Funding): require additional funding. (N/A)

**Coordinating Agency** MCOEM

**Support Agencies:** LEPC

**Mitigation Type:** Emergency Services

**Status:** Completed and on-going.

*Strategy Z14.1.1:* Encourage schools to adopt and/or upgrade procedural and evacuation plans in the event of a bomb threat.

**Timeframe:** On-going

**Cost Estimate** Schools are already planning; these additional measures would  
(Potential Funding): require no additional costs. (N/A)

**Coordinating Agency** Monongalia County Schools

**Support Agencies:** MCOEM

**Mitigation Type:** Emergency Services

**Status:** Completed and on-going.

*Strategy Z14.2.2:* Establish trauma centers to offer medical attention and counseling to affected populations in the event of a bomb explosion.

**Timeframe:** On-going

**Cost Estimate** This project is essentially a planning item which, by itself, should not  
(Potential Funding): require additional funding. (N/A)

**Coordinating Agency** MCOEM

**Support Agencies:** Monongalia County Health Department

**Mitigation Type:** Emergency Services

**Status:** Unchanged.

*Strategy Z14.3.1:* Increase the knowledge of the general public concerning preparedness through the preparation of informational brochures, town meetings, training seminars, etc.

**Timeframe:** On-going

**Cost Estimate** \$750 - \$2,500 (PDM, Local funding)

(Potential Funding):

**Coordinating Agency** MCOEM

**Support Agencies:** LEPC

**Mitigation Type:** Public Education and Awareness

**Status:** Completed and on-going.

*Strategy Z14.4.1:* Establish trauma centers to offer medical attention and counseling to affected populations in the event of a terrorist event.

**Timeframe:** On-going

**Cost Estimate** This project is essentially a planning item which, by itself, should not

(Potential Funding): require additional funding. (N/A)

**Coordinating Agency** MCOEM

**Support Agencies:** Monongalia County Health Department

**Mitigation Type:** Emergency Services

**Status:** Completed and on-going.

*Strategy Z14.5.1:* Coordinate with first responders for interagency cooperation to assist in collaborative planning.

**Timeframe:** On-going

**Cost Estimate** Coordination with other agencies does not require additional

(Potential Funding): funding. (N/A)

**Coordinating Agency** MCOEM

**Support Agencies:** Local First Responders

**Mitigation Type:** Emergency Services

**Status:** Completed and on-going.

Strategy Z14.5.2: Continue education and training efforts of first responders and emergency personnel.

**Timeframe:** On-going

**Cost Estimate** \$750 - \$2,500 (PDM, Local funding)

(Potential Funding):

**Coordinating Agency** MCOEM

**Support Agencies:** Local FDs, Local PDs, LEPC

**Mitigation Type:** Emergency Services

**Status:** Completed and on-going.

NEWBURG, TOWN OF

*Strategy AA1.1.1:* Conduct a mapping project to identify old mining areas or geologically unstable terrain so that development can proceed accordingly in those areas.

**Timeframe:** 2 years

**Cost Estimate** Local funding, PDM (Up to \$10,000 to \$15,000)

*(Potential Funding):*

**Coordinating Agency:** City Council

**Support Agencies:** City Engineer

**Mitigation Type:** Prevention

**Status:** Unchanged.

NUTTER FORT, TOWN OF

*Strategy BB1.1.1:* Amend floodplain ordinance for compliance with the NFIP regulations.

**Timeframe:** 3 years

**Cost Estimate** Amendment of the ordinance should require little to no additional

(Potential Funding): funding (N/A)

**Coordinating Agency** Nutter Fort Floodplain Coordinator

**Support Agencies:** Harrison County Planning Commission

**Mitigation Type:** Prevention

**Status:** The county is updating its ordinance and the town will wait until that is done so that it will be consistent.

*Strategy BB1.1.2:* Establish procedure to amend ordinances as NFIP regulations change.

**Timeframe:** 3 years

**Cost Estimate** Amendment of the ordinance should require little to no additional

(Potential Funding): funding (N/A)

**Coordinating Agency** Nutter Fort Floodplain Coordinator

**Support Agencies:** Harrison County Planning Commission

**Mitigation Type:** Prevention

**Status:** This strategy represents an on-going initiative.

*Strategy BB1.1.3:* Establish a public education process for utilities, businesses, and residences regarding floodplain management, to include:

- Permit process;
- Elevation of existing and new residences above flood elevation;
- Elevation of existing and new electrical and mechanical devices above flood elevation;
- Storage of documents, personal objectives, and inventory above floodplain;
- Identification and relocation of stored hazardous materials; and
- Installation of flood walls or shields, as applicable.

**Timeframe:** 5 years

**Cost Estimate** Public outreach should require little to no additional funding if done in

(Potential Funding): tandem with other initiatives (Local funding, PDM)

**Coordinating Agency** Town of Nutter Fort

**Support Agencies:** Harrison County Bureau of Emergency Services

**Mitigation Type:** Public Education and Awareness

**Status:** This strategy represents an on-going initiative.

*Strategy BB1.1.4:* Continuation of acquisition and demolition of FEMA-identified repetitive loss structures.

**Timeframe:** 5 years

**Cost Estimate** Up to \$95,500 per purchase (HMGP, CDBG)

(Potential Funding):

**Coordinating Agency** Town of Nutter Fort

**Support Agencies:** Harrison County Planning Commission

Harrison County Commission

**Mitigation Type:** Prevention

**Status:** This project is considered as and if funding is available.

*Strategy BB1.1.5:* Revise subdivision regulations to require provision for open space on land that is in the floodplain.

**Timeframe:** 3 years  
**Cost Estimate** Maintenance of the ordinance should require little to no additional  
**(Potential Funding):** funding (N/A)  
**Coordinating Agency** Town of Nutter Fort  
**Support Agencies:** Harrison County Planning Commission  
**Mitigation Type:** Prevention  
**Status:** The county is updating its ordinance and the town will wait until that is done so that it will be consistent.

*Strategy BB1.1.6:* Continue and expand the intergovernmental agreement process between the county and municipalities in order to provide floodplain management by a certified floodplain manager.

**Timeframe:** 5 years  
**Cost Estimate** Cooperation between jurisdictions should require little to no additional  
**(Potential Funding):** funding (N/A)  
**Coordinating Agency** Town of Nutter Fort  
**Support Agencies:** N/A  
**Mitigation Type:** Public Education and Awareness  
**Status:** This strategy represents an on-going, cooperative arrangement between the governmental jurisdictions of Harrison County.

*Strategy BB1.1.7:* Design and implement a countywide housing rehab program which addresses code violations, elevation, and flooding.

**Timeframe:** 5 years  
**Cost Estimate** Up to \$500,000 per project, contingent on number of rehabs (CDFI,  
**(Potential Funding):** Banks, Other State/Federal Sources)  
**Coordinating Agency** Town of Nutter Fort  
**Support Agencies:** Harrison County Planning Commission  
Harrison County Landmark Commission  
Harrison County Redevelopment Authority  
**Mitigation Type:** Prevention  
**Status:** This strategy represents an on-going effort and is considered as funding is available.

*Strategy BB2.1.1:* Adopt and enforce the state building code.

- Timeframe:** 3 years
- Cost Estimate** Updating the ordinance should require little to no additional funding;  
**(Potential Funding):** enforcement may require funds (Local funding)
- Coordinating Agency** Town of Nutter Fort
- Support Agencies:** Harrison County Planning Commission
- Mitigation Type:** Prevention
- Status:** This strategy represents an on-going effort (i.e., the ordinance is updated when the state code is updated).

*Strategy BB3.1.1:* Adopt and enforce the state building code.

- Timeframe:** 3 years
- Cost Estimate** Updating the ordinance should require little to no additional funding;  
**(Potential Funding):** enforcement may require funds (Local funding)
- Coordinating Agency** Town of Nutter Fort
- Support Agencies:** Harrison County Planning Commission
- Mitigation Type:** Prevention
- Status:** This strategy represents an on-going effort (i.e., the ordinance is updated when the state code is updated).

*Strategy BB4.1.1:* Establish a county fire board in order to provide a mechanism for county residents to obtain fire hydrants and other fire suppression tools.

- Timeframe:** 5 years
- Cost Estimate** Investigation and other efforts should require little to no additional  
**(Potential Funding):** funds (N/A)
- Coordinating Agency** Nutter Fort VFD
- Support Agencies:** Town of Nutter Fort  
Harrison County Commission
- Mitigation Type:** Emergency Services
- Status:** A county fire board is in existence and it can establish fire fees for certain areas of the county; this strategy remains in the plan to allow local officials the opportunity to investigate the possibility of using this code section as a method to assist in financing fire departments.

*Strategy BB5.1.1:* Continue and expand the intergovernmental agreement process between the county, municipalities, and other public agencies to encourage cooperation, to eliminate duplication of duties to provide cost-effective services to citizens.

**Timeframe:** 5 years

**Cost Estimate** Cooperation between jurisdictions should require little to no additional  
(Potential Funding): funding (N/A)

**Coordinating Agency** Town of Nutter Fort

**Support Agencies:** N/A

**Mitigation Type:** Public Education and Awareness

**Status:** This strategy represents an on-going, cooperative arrangement between the governmental jurisdictions of Harrison County.

PLEASANT VALLEY, CITY OF

*Strategy CC1.1.1:* Use municipal regulations as models to develop a countywide permitting process to supplement the measures taken by lending institutions to monitor new construction in the floodplain.

**Timeframe:** 1 year

**Cost Estimate** No additional funding necessary; however, there may be  
**(Potential Funding):** administrative costs associated with code enforcement. (N/A)

**Coordinating Agency** Municipal Council, County Commission

**Support Agencies:** Office of Planning and Development

**Mitigation Type:** Prevention

**Status:** Completed and on-going.

*Strategy CC1.2.1:* Continue to educate faculty and staff at schools on NOAA radio usage.

**Timeframe:** On-going

**Cost Estimate** Continued training should not require additional funding. (N/A)  
**(Potential Funding):**

**Coordinating Agency** Local Emergency Planning Committee (LEPC)

**Support Agencies:** Board of Education

**Mitigation Type:** Public Education and awareness

**Status:** On-going.

*Strategy CC1.3.1:* Coordinate with the Soil Conservation Service to continue updating the map showing areas that would be affected by a dam failure.

**Timeframe:** 2 years

**Cost Estimate** Coordination requires little to no additional funding. (SCS)  
**(Potential Funding):**

**Coordinating Agency** Municipal Council, County Commission

**Support Agencies:** LEPC

**Mitigation Type:** Emergency Services

**Status:** On-going.

*Strategy CC2.1.1:* Update resource list of contracts with snow removal agencies.

**Timeframe:** 1 year  
**Cost Estimate** No immediate additional funding necessary. (N/A)  
(Potential Funding):  
**Coordinating Agency** Municipal Council, County Commission  
**Support Agencies:** WVDOH, Municipal Councils  
**Mitigation Type:** Emergency Services, Prevention  
**Status:** On-going.

*Strategy CC3.1.1:* Establish procedures with companies to clean up material from a landslide quickly and to monitor areas of high risk.

**Timeframe:** On-going  
**Cost Estimate** Promotion of the concept can be done as municipal building permits  
(Potential Funding): are issued. (N/A)  
**Coordinating Agency** Municipal Town Councils  
**Support Agencies:** Cleanup Companies  
**Mitigation Type:** Property Protection  
**Status:** On-going.

*Strategy CC4.1.1:* Continue to coordinate with the National Weather Service in Pittsburgh, Pennsylvania to warn residents of impending severe thunderstorm conditions.

**Timeframe:** 6 months  
**Cost Estimate** No additional funding required. (N/A)  
(Potential Funding):  
**Coordinating Agency** LEPC  
**Support Agencies:** National Weather Service  
**Mitigation Type:** Public Education and Awareness  
**Status:** Completed and on-going.

*Strategy CC4.1.2:* Continue to monitor and maintain the three (3) rain gauges installed at strategic points throughout the county. Use these gauges in conjunction with the new weather station to monitor current and developing weather incidents.

**Timeframe:** 1 year

**Cost Estimate** Maintenance and monitoring should require little to no additional  
(Potential Funding): funding. (Local funding)

**Coordinating Agency** County Commission

**Support Agencies:** Local PSDs

**Mitigation Type:** Public Education and Awareness

**Status:** On-going.

*Strategy CC6.1.1:* Equip shelter facilities to provide back-up power.

**Timeframe:** 2 years

**Cost Estimate** Upwards of \$25,000 each – size dependent. (PDM)  
(Potential Funding):

**Coordinating Agency** LEPC

**Support Agencies:** MCDHSEM, VFDs

**Mitigation Type:** Structural Project, Prevention

**Status:** On-going.

*Strategy CC6.1.2:* Maintain and update the early warning systems that are in place throughout the county.

**Timeframe:** On-going

**Cost Estimate** No additional funding is required. (N/A)  
(Potential Funding):

**Coordinating Agency** LEPC

**Support Agencies:** MCDHSEM

**Mitigation Type:** Public Education and Awareness

**Status:** Unchanged.

*Strategy CC6.1.3:* Undertake additional planning efforts to measure Marion County's susceptibility to technological and man-made hazards.

**Timeframe:** 1 year

**Cost Estimate** Studies could cost between \$2,000 and \$7,500 depending on the  
**(Potential Funding):** scope. (DOJ-ODP, PDM, Local funding)

**Coordinating Agency** LEPC

**Support Agencies:** Office of Planning and Development, Municipal Councils

**Mitigation Type:** Emergency Services

**Status:** On-going.

## PRESTON COUNTY

*Strategy DD1.1.1:* Coordinate with the West Virginia Department of Environmental Protection, Dam Control regulations under the provisions of Chapter 22-14 of the West Virginia Dam Control and Safety Act as outlined in the West Virginia Code, to periodically reclassify any dam within Preston County as a result of a change in circumstances not in existence at the time of the initial classification to ensure adequate safety according to the potential for downstream damage.

**Timeframe:** 3 years

**Cost Estimate** WVDEP quite possible has items such as this budgeted, as this  
(Potential Funding): project would fall under the responsibilities of Dam owners in coordination with WVDEP personnel. (N/A)

**Coordinating Agency** WVDEP

**Support Agencies:** Dam Owners

**Mitigation Type:** Property Protection

**Status:** On-going.

*Strategy DD1.1.2:* Coordinate with the US Army Corps of Engineers to update outdated flood studies encompassing areas affected by the failure or topping of Significant Hazard Dams within and near Preston County, including, for example the Masontown Water Supply Dam.

**Timeframe:** 2 years

**Cost Estimate** USACE (Study likely performed by COE staff; therefore, no local  
(Potential Funding): funds necessary.)

**Coordinating Agency** USACE

**Mitigation Type:** Prevention

**Status:** Periodic correspondence regarding projects and solutions.

*Strategy DD2.1.1:* Interconnect infrastructure systems so that one (1) system could supply another during emergency drought conditions.

**Timeframe:** 5 years

**Cost Estimate** IJDC, SCBG, USDA, RD (Up to \$250,000 to \$500,000)  
(Potential Funding):

**Coordinating Agency** County Commission

**Support Agencies:** Local PSDs

**Mitigation Type:** Prevention, Structural Project

**Status:** This strategy has not yet been addressed.

*Strategy DD2.1.2:* Provide for an emergency backup power supply at all water treatment facilities in Preston County.

**Timeframe:** 5 years

**Cost Estimate** IJDC, SCBG, USDA, RD (Up to \$250,000 to \$500,000 countywide).

(Potential Funding):

**Coordinating Agency** County Commission

**Support Agencies:** Local PSDs

**Mitigation Type:** Prevention, Structural Project

**Status:** This strategy has not yet been addressed.

*Strategy DD2.2.2:* Consider passing ordinances to prioritize or control water use, particularly for emergency situations such as firefighting.

**Timeframe:** 6 months

**Cost Estimate** USDA, if necessary (\$3,000 for publication and distribution, if USDA

(Potential Funding): does not already have such materials printed)

**Coordinating Agency** Natural Resources

**Support Agencies:** Conservation Services (NRCS), Farm Bureau, WV Dept. of Agriculture

**Mitigation Type:** Public Education and Awareness

**Status:** The Preston County Commission has not yet addressed this strategy; Town Mayors have media conduct public service announcements regarding water usage during emergency situations.

*Strategy DD.3.1.1:* Develop an informational brochure explaining the potential for earthquakes, as well as the potential damages from those earthquakes. The brochure should include information pertaining to measures to take to safe-proof homes and other structures from the potential effects of earthquakes.

**Timeframe:** 6 months

**Cost Estimate** PDM (\$3,000 for publication and distribution of informative

(Potential Funding): materials).

**Coordinating Agency** PCOEM

**Mitigation Type:** Public Education and Awareness

**Status:** This strategy has not yet been addressed.

*Strategy DD.3.1.2:* Encourage the implementation of structural mitigation techniques such as wall bracing, reinforcing walls with fiber materials, the installation of dampers or vibration isolation bearings in new construction.

**Timeframe:** During new construction

**Cost Estimate** No additional funding necessary. (N/A)

(Potential Funding):

**Coordinating Agency** PCOEM

**Support Agencies:** County Commission

**Mitigation Type:** Structural Project, Prevention

**Status:** Stakeholders have suggested possible building codes.

*Strategy DD4.2.2:* Encourage residents to receive immunizations against communicable infectious diseases.

**Timeframe:** 6 months

**Cost Estimate** No additional funding necessary. (N/A)

(Potential Funding):

**Coordinating Agency** Local Health Departments

**Mitigation Type:** Prevention

**Status:** This is done annually, by the Preston County Health Department.

*Strategy DD4.2.3:* Purchase a stockpile of medications for distribution to first responders county-wide. Medications would include antibiotics and antivirals, etc. Purchase a refrigerator for storage and an alarm system and generator for temperature maintenance.

**Timeframe:** 2 years

**Cost Estimate** Local funding, PDM. (UP to \$75,000 to \$150,000)

(Potential Funding):

**Coordinating Agency** County Public Health Department

**Support Agencies:** PCOEM, WVDHSEM

**Mitigation Type:** Prevention, Emergency Services

**Status:** This strategy has not yet been addressed. However, was reiterated during the Pandemic Influenza Tabletop Exercise.

*Strategy DD5.1.1:* Clean portions of Big Sandy Creek and its floodplain, clearing log jams, trees and shrubs, and sediment bars.

**Timeframe:** 5 years  
**Cost Estimate** USACE, Local funding (small sections of the creek could cost as  
(Potential Funding): much as \$50,000 to \$100,000)  
**Coordinating Agency** County Engineer  
**Support Agencies:** USACE  
**Mitigation Type:** Prevention  
**Status:** Have corresponded with the conservation agency flood recovery and stream restoration on this strategy.

*Strategy DD5.1.2:* Assess the feasibility of using the debris cleaned from the creek and streams to build an earthen floodwall along the creek to protect properties from flooding and erosion.

**Timeframe:** 5 years  
**Cost Estimate** USACE, Local funding (If material cleaned from stream is used,  
(Potential Funding): costs decrease. Projects could cost up to \$100,000).  
**Coordinating Agency** USACE  
**Support Agencies:** County Engineer  
**Mitigation Type:** Prevention, Structural Project  
**Status:** Have corresponded with the conservation agency flood recovery and stream restoration on this strategy.

*Strategy DD5.2.1:* Conduct acquisition and/or relocation projects in frequently flooded portions of the county.

**Timeframe:** 5 years  
**Cost Estimate** HMGP (for 10 sites throughout the county, costs would approach  
(Potential Funding): approximately \$700,000).  
**Coordinating Agency** County Commission  
**Support Agencies:** FEMA  
**Mitigation Type:** Prevention  
**Status:** Still checking on funding source.

*Strategy DD6.2.1:* Encourage the use of laminated glass in window panes during all new construction.

- Timeframe:** During new construction
- Cost Estimate** Encouraging use requires no additional funding; however,  
**(Potential Funding):** purchasing materials is contingent upon the size of the facility.
- Coordinating Agency** PCOEM
- Support Agencies:** Facility Owners
- Mitigation Type:** Property Protection
- Status:** This is done on a regular basis.

*Strategy DD7.2.1:* Maintain a stock of hazardous materials incident response supplies, such as clean up materials and personal protective equipment, and increase the number of personnel that are certified to conduct hazardous materials cleanups so that responders have an adequate supply to respond to multiple incidents.

- Timeframe:** 6 months
- Cost Estimate** US Dept. of Homeland Security (Up to \$100,000, depending upon  
**(Potential Funding):** the amount of equipment/supplies purchased and number of personnel trained).
- Coordinating Agency** PCOEM
- Mitigation Type:** Prevention
- Status:** Preston County has a 20 member Hazardous Incident Response Team, and all fire departments have hazmat response training on some level.

*Strategy DD7.3.1:* Coordinate with personnel at facilities that store and use hazardous materials to develop and exercise site emergency plans and community response plans as required under SARA Title III.

- Timeframe:** 1 year
- Cost Estimate** No additional funding necessary. (N/A)  
**(Potential Funding):**
- Coordinating Agency** LEPC
- Support Agencies:** Hazmat Facilities
- Mitigation Type:** Emergency Services
- Status:** All Tier II Facility send Tier II reports to the Preston County LEPC, no exercises have been conducted at facility sites.

*Strategy DD7.3.2:* Ensure proper separation and buffering between industrial areas and other land uses such as, schools, nursing homes, hospitals, etc.

**Timeframe:** On-going

**Cost Estimate** No additional funding necessary. (N/A)

(Potential Funding):

**Coordinating Agency** County Commission

**Support Agencies:** Planning Commission

**Mitigation Type:** Prevention

**Status:** This strategy has not yet been addressed.

*Strategy DD9.1.2:* Consider developing a land use plan or modifying an existing plan to guide development away from and reduce the density of population in subsidence-prone areas.

**Timeframe:** 2 years

**Cost Estimate** Local funding (Up to \$10,000 to \$50,000).

(Potential Funding):

**Coordinating Agency** County Commission

**Mitigation Type:** Prevention

**Status:** This strategy has not yet been addressed.

*Strategy DD10.2.1:* Coordinate with the power company to periodically trim trees near power lines to prevent limb breakage and power failures.

**Timeframe:** Once a year

**Cost Estimate** Local funding, PDM. (Up to \$25,000 to \$40,000).

(Potential Funding):

**Coordinating Agency** County Commission

**Support Agencies:** Local Power Company

**Mitigation Type:** Prevention

**Status:** The Power Company has made efforts to clear right of ways.

*Strategy DD11.2.1:* Reduce the risk of mobile home damage by suggesting the use of tie-downs with ground anchors appropriate for the soil type.

**Timeframe:** 6 months

**Cost Estimate** No additional funding necessary. (N/A); however, tie down kits cost  
(Potential Funding): approximately \$150 each and usually include four anchors).

**Coordinating Agency** PCOEM

**Mitigation Type:** Property Protection

**Status:** This strategy has not yet been addressed.

*Strategy DD11.3.1:* Assess the number, location, strength, and ability of shelters to house residents and withstand high wind speeds. Consider constructing concrete safe rooms near mobile home parks, shopping malls, and other vulnerable public areas.

**Timeframe:** 2 years

**Cost Estimate** Local funding, FEMA (\$15,000 to \$20,000).  
(Potential Funding):

**Coordinating Agency** PCOEM

**Support Agencies:** ARC

**Mitigation Type:** Emergency Services

**Status:** This strategy has not yet been addressed.

*Strategy DD14.1.2:* Increase the knowledge of the general public concerning preparedness through the preparation of informational brochures, town meetings, training seminars, etc.

**Timeframe:** 3 years

**Cost Estimate** FEMA Planning Grant, PDM (Scheduling town meetings would be of  
(Potential Funding): relatively low cost.

**Coordinating Agency** PCOEM

**Mitigation Type:** Public Education and Awareness

**Status:** Functional and tabletop exercises have been conducted countywide, civic organizations have conducted presentations, and public service announcements have been made.

*Strategy DD14.1.3:* Coordinate with local media to alert the public as to the current threat status.

**Timeframe:** 3 months

**Cost Estimate** Coordination along requires no additional funding.

(Potential Funding):

**Coordinating Agency** PCOEM

**Support Agencies:** Local Media Outlets

**Mitigation Type:** Public Education and Awareness

**Status:** This is conducted countywide on an ongoing schedule.

*Strategy DD14.2.1:* Establish trauma centers to offer medical attention and counseling to affected populations in the event of a terrorist event.

**Timeframe:** 5 years

**Cost Estimate** Identifying potential trauma centers should require no additional

(Potential Funding): funding.

**Coordinating Agency** PCOEM

**Support Agencies:** ARC

**Mitigation Type:** Public Education and Awareness

**Status:** Preston Memorial Hospital and the Preston County Health Department have initiated a Critical Incident Stress Management (CISM) program.

*Strategy DD14.2.2:* Continue education and training efforts of first responders and emergency personnel.

**Timeframe:** On-going

**Cost Estimate** FEMA, USDHS (Up to \$1,500 per training session).

(Potential Funding):

**Coordinating Agency** PCOEM

**Support Agencies:** LEPC

**Mitigation Type:** Emergency Services

**Status:** This is conducted countywide on an ongoing schedule.

*Strategy DD14.2.5:* Make arrangements or otherwise establish mass morgue facilities to be used following potential mass casualty events.

**Timeframe:** 2 years

**Cost Estimate** Local funding.

(Potential Funding):

**Coordinating Agency** Health Dept.

**Support Agencies:** County Coroner, PCOEM

**Mitigation Type:** Emergency Services

**Status:** The Preston County Health Department has coordinated with local funeral directors concerning this strategy.

*Strategy DD16.2.1:* Purchase and install generators to provide a backup power supply for all the county's public utilities.

**Timeframe:** 3 years

**Cost Estimate** Local funding, PDM, FEMA (Up to \$3,000 per generator.

(Potential Funding):

**Coordinating Agency** PCOEM

**Support Agencies:** Public Utilities

**Mitigation Type:** Prevention

**Status:** PCOEM is working on funding for this strategy.

REEDSVILLE, TOWN OF

*Strategy EE1.1.1:* Increase the coverage area and use of NOAA Weather Radios throughout the Town of Reedsville.

**Timeframe:** 1 year

**Cost Estimate** Local funding, PDM (Up to \$200 to \$500 per radio)

*(Potential Funding):*

**Coordinating Agency:** Town Council

**Support Agencies:** PCOEM

**Mitigation Type:** Public Education and Awareness

**Status:** NWS Weather Radios are provided throughout Reedsville, local media is used, as well as the 911 center.

RIVESVILLE, TOWN OF

*Strategy FF1.1.1:* Use municipal regulations as models to develop a countywide permitting process to supplement the measures taken by lending institutions to monitor new construction in the floodplain.

**Timeframe:** 1 year

**Cost Estimate** No additional funding necessary; however, there may be  
(Potential Funding): administrative costs associated with code enforcement. (N/A)

**Coordinating Agency** Municipal Council, County Commission

**Support Agencies:** Office of Planning and Development

**Mitigation Type:** Prevention

**Status:** Completed and on-going.

*Strategy FF1.2.1:* Continue to educate faculty and staff at schools on NOAA radio usage.

**Timeframe:** On-going

**Cost Estimate** Continued training should not require additional funding. (N/A)  
(Potential Funding):

**Coordinating Agency** Local Emergency Planning Committee (LEPC)

**Support Agencies:** Board of Education

**Mitigation Type:** Public Education and awareness

**Status:** On-going.

*Strategy FF1.3.1:* Coordinate with the Soil Conservation Service to continue updating the map showing areas that would be affected by a dam failure.

**Timeframe:** 2 years

**Cost Estimate** Coordination requires little to no additional funding. (SCS)  
(Potential Funding):

**Coordinating Agency** Municipal Council, County Commission

**Support Agencies:** LEPC

**Mitigation Type:** Emergency Services

**Status:** On-going.

*Strategy FF2.1.1:* Update resource list of contracts with snow removal agencies.

**Timeframe:** 1 year  
**Cost Estimate** No immediate additional funding necessary. (N/A)  
**(Potential Funding):**  
**Coordinating Agency** Municipal Council, County Commission  
**Support Agencies:** WVDOH, Municipal Councils  
**Mitigation Type:** Emergency Services, Prevention  
**Status:** On-going.

*Strategy FF3.1.1:* Establish procedures with companies to clean up material from a landslide quickly and to monitor areas of high risk.

**Timeframe:** On-going  
**Cost Estimate** Promotion of the concept can be done as municipal building permits  
**(Potential Funding):** are issued. (N/A)  
**Coordinating Agency** Municipal Town Councils  
**Support Agencies:** Cleanup Companies  
**Mitigation Type:** Property Protection  
**Status:** On-going.

*Strategy FF4.1.1:* Continue to coordinate with the National Weather Service in Pittsburgh, Pennsylvania to warn residents of impending severe thunderstorm conditions.

**Timeframe:** 6 months  
**Cost Estimate** No additional funding required. (N/A)  
**(Potential Funding):**  
**Coordinating Agency** LEPC  
**Support Agencies:** National Weather Service  
**Mitigation Type:** Public Education and Awareness  
**Status:** Completed and on-going.

*Strategy FF4.1.2:* Continue to monitor and maintain the three (3) rain gauges installed at strategic points throughout the county. Use these gauges in conjunction with the new weather station to monitor current and developing weather incidents.

**Timeframe:** 1 year  
**Cost Estimate** Maintenance and monitoring should require little to no additional  
(Potential Funding): funding. (Local funding)  
**Coordinating Agency** Municipal Council, County Commission  
**Support Agencies:** Local PSDs  
**Mitigation Type:** Public Education and Awareness  
**Status:** On-going.

*Strategy FF5.1.2:* Develop plans and schedules with the Department of Agriculture to haul water to residents during drought conditions.

**Timeframe:** 1 year  
**Cost Estimate** No additional funding required. (N/A)  
(Potential Funding):  
**Coordinating Agency** LEPC  
**Support Agencies:** Local VFDs  
**Mitigation Type:** Prevention  
**Status:** Unchanged.

*Strategy FF6.1.1:* Equip shelter facilities to provide back-up power.

**Timeframe:** 2 years  
**Cost Estimate** Upwards of \$25,000 each – size dependent. (PDM)  
(Potential Funding):  
**Coordinating Agency** LEPC  
**Support Agencies:** MCDHSEM, VFDs  
**Mitigation Type:** Structural Project, Prevention  
**Status:** On-going.

*Strategy FF6.1.2:* Maintain and update the early warning systems that are in place throughout the county.

**Timeframe:** On-going

**Cost Estimate** No additional funding is required. (N/A)

(Potential Funding):

**Coordinating Agency** LEPC

**Support Agencies:** MCDHSEM

**Mitigation Type:** Public Education and Awareness

**Status:** Unchanged.

*Strategy FF6.1.3:* Undertake additional planning efforts to measure Marion County's susceptibility to technological and man-made hazards.

**Timeframe:** 1 year

**Cost Estimate** Studies could cost between \$2,000 and \$7,500 depending on the

(Potential Funding): scope. (DOJ-ODP, PDM, Local funding)

**Coordinating Agency** LEPC

**Support Agencies:** Office of Planning and Development, Municipal Councils

**Mitigation Type:** Emergency Services

**Status:** On-going.

ROWLESBURG, TOWN OF

*Strategy GG1.1.1:* Increase the coverage area and use of NOAA Weather Radios throughout the Town of Rowlesburg.

**Timeframe:** 1 year

**Cost Estimate** Local funding, PDM (Up to \$200 to \$500 per radio)

*(Potential Funding):*

**Coordinating Agency:** Town Council

**Support Agencies:** PCOEM

**Mitigation Type:** Public Education and Awareness

**Status:** NWS Weather Radios are provided throughout Reedsville, local media is used, as well as the 911 center.

SALEM, CITY OF

*Strategy HH1.1.1:* Amend floodplain ordinance for compliance with the NFIP regulations.

**Timeframe:** 3 years

**Cost Estimate** Amendment of the ordinance should require little to no additional

(Potential Funding): funding (N/A)

**Coordinating Agency** Salem Floodplain Coordinator

**Support Agencies:** Harrison County Planning Commission

**Mitigation Type:** Prevention

**Status:** The county is updating its ordinance and the town will wait until that is done so that it will be consistent.

*Strategy HH1.1.2:* Establish procedure to amend ordinances as NFIP regulations change.

**Timeframe:** 3 years

**Cost Estimate** Amendment of the ordinance should require little to no additional

(Potential Funding): funding (N/A)

**Coordinating Agency** Salem Floodplain Coordinator

**Support Agencies:** Harrison County Planning Commission

**Mitigation Type:** Prevention

**Status:** This strategy represents an on-going initiative.

*Strategy HH1.1.3:* Establish a public education process for utilities, businesses, and residences regarding floodplain management, to include:

- Permit process;
- Elevation of existing and new residences above flood elevation;
- Elevation of existing and new electrical and mechanical devices above flood elevation;
- Storage of documents, personal objectives, and inventory above floodplain;
- Identification and relocation of stored hazardous materials; and
- Installation of flood walls or shields, as applicable.

**Timeframe:** 5 years

**Cost Estimate** Public outreach should require little to no additional funding if done in

(Potential Funding): tandem with other initiatives (Local funding, PDM)

**Coordinating Agency** City of Salem

**Support Agencies:** Harrison County Bureau of Emergency Services

**Mitigation Type:** Public Education and Awareness

**Status:** This strategy represents an on-going initiative.

*Strategy HH1.1.4:* Continuation of acquisition and demolition of FEMA-identified repetitive loss structures.

**Timeframe:** 5 years

**Cost Estimate** Up to \$95,500 per purchase (HMGP, CDBG)

(Potential Funding):

**Coordinating Agency** City of Salem

**Support Agencies:** Harrison County Planning Commission

Harrison County Commission

**Mitigation Type:** Prevention

**Status:** This project is considered as and if funding is available.

*Strategy HH1.1.5:* Revise subdivision regulations to require provision for open space on land that is in the floodplain.

**Timeframe:** 3 years  
**Cost Estimate** Maintenance of the ordinance should require little to no additional  
**(Potential Funding):** funding (N/A)  
**Coordinating Agency** City of Salem  
**Support Agencies:** Harrison County Planning Commission  
**Mitigation Type:** Prevention  
**Status:** The county is updating its ordinance and the town will wait until that is done so that it will be consistent.

*Strategy HH1.1.6:* Continue and expand the intergovernmental agreement process between the county and municipalities in order to provide floodplain management by a certified floodplain manager.

**Timeframe:** 5 years  
**Cost Estimate** Cooperation between jurisdictions should require little to no additional  
**(Potential Funding):** funding (N/A)  
**Coordinating Agency** City of Salem  
**Support Agencies:** N/A  
**Mitigation Type:** Public Education and Awareness  
**Status:** This strategy represents an on-going, cooperative arrangement between the governmental jurisdictions of Harrison County.

*Strategy HH1.1.7:* Design and implement a countywide housing rehab program which addresses code violations, elevation, and flooding.

**Timeframe:** 5 years  
**Cost Estimate** Up to \$500,000 per project, contingent on number of rehabs (CDFI,  
**(Potential Funding):** Banks, Other State/Federal Sources)  
**Coordinating Agency** City of Salem  
**Support Agencies:** Harrison County Planning Commission  
Harrison County Landmark Commission  
Harrison County Redevelopment Authority  
**Mitigation Type:** Prevention  
**Status:** This strategy represents an on-going effort and is considered as funding is available.

*Strategy HH2.1.1:* Adopt and enforce the state building code.

**Timeframe:** 3 years  
**Cost Estimate** Updating the ordinance should require little to no additional funding;  
**(Potential Funding):** enforcement may require funds (Local funding)  
**Coordinating Agency** City of Salem  
**Support Agencies:** Harrison County Planning Commission  
**Mitigation Type:** Prevention  
**Status:** This strategy represents an on-going effort (i.e., the ordinance is updated when the state code is updated).

*Strategy HH3.1.1:* Adopt and enforce the state building code.

**Timeframe:** 3 years  
**Cost Estimate** Updating the ordinance should require little to no additional funding;  
**(Potential Funding):** enforcement may require funds (Local funding)  
**Coordinating Agency** City of Salem  
**Support Agencies:** Harrison County Planning Commission  
**Mitigation Type:** Prevention  
**Status:** This strategy represents an on-going effort (i.e., the ordinance is updated when the state code is updated).

*Strategy HH4.1.1:* Establish a county fire board in order to provide a mechanism for county residents to obtain fire hydrants and other fire suppression tools.

**Timeframe:** 5 years  
**Cost Estimate** Investigation and other efforts should require little to no additional  
**(Potential Funding):** funds (N/A)  
**Coordinating Agency** Salem VFD  
**Support Agencies:** City of Salem  
Harrison County Commission  
**Mitigation Type:** Emergency Services  
**Status:** A county fire board is in existence and it can establish fire fees for certain areas of the county; this strategy remains in the plan to allow local officials the opportunity to investigate the possibility of using this code section as a method to assist in financing fire departments.

*Strategy HH5.1.1:* Prepare annual updates of dam assessments in accordance with state law.

- Timeframe:** 5 years
- Cost Estimate** This is done by such agencies as the WVDEP as a part of state law  
**(Potential Funding):** (N/A)
- Coordinating Agency** WVDEP
- Support Agencies:** City of Salem
- Mitigation Type:** Public Education and Awareness
- Status:** This strategy represents an annual undertaking by state agencies; it is listed as on-going to show the city's support of these efforts.

*Strategy HH5.1.2:* Explore state, federal, and private funding sources for dam rehabilitation.

- Timeframe:** 5 years
- Cost Estimate** Exploration should require little to no additional funding (funding could  
**(Potential Funding):** come from SCBG, USDA, IJDC, etc.)
- Coordinating Agency** City of Salem
- Support Agencies:** Harrison County Bureau of Emergency Services  
Region VI Planning & Development Council
- Mitigation Type:** Structural Projects
- Status:** This strategy represents an on-going portion of potential funding strategies should dams need to be rehabilitated.

*Strategy HH6.1.1:* Continue and expand the intergovernmental agreement process between the county, municipalities, and other public agencies to encourage cooperation, to eliminate duplication of duties to provide cost-effective services to citizens.

- Timeframe:** 5 years
- Cost Estimate** Cooperation between jurisdictions should require little to no additional  
**(Potential Funding):** funding (N/A)
- Coordinating Agency** City of Salem
- Support Agencies:** N/A
- Mitigation Type:** Public Education and Awareness
- Status:** This strategy represents an on-going, cooperative arrangement between the governmental jurisdictions of Harrison County.

SHINNSTON, CITY OF

*Strategy II1.1.1:* Amend floodplain ordinance for compliance with the NFIP regulations.

**Timeframe:** 3 years

**Cost Estimate** Amendment of the ordinance should require little to no additional  
(Potential Funding): funding (N/A)

**Coordinating Agency** Shinnston Floodplain Coordinator

**Support Agencies:** Harrison County Planning Commission

**Mitigation Type:** Prevention

**Status:** The county is updating its ordinance and the town will wait until that is done so that it will be consistent.

*Strategy II1.1.2:* Establish procedure to amend ordinances as NFIP regulations change.

**Timeframe:** 3 years

**Cost Estimate** Amendment of the ordinance should require little to no additional  
(Potential Funding): funding (N/A)

**Coordinating Agency** Shinnston Floodplain Coordinator

**Support Agencies:** Harrison County Planning Commission

**Mitigation Type:** Prevention

**Status:** This strategy represents an on-going initiative.

*Strategy III.1.3:* Establish a public education process for utilities, businesses, and residences regarding floodplain management, to include:

- Permit process;
- Elevation of existing and new residences above flood elevation;
- Elevation of existing and new electrical and mechanical devices above flood elevation;
- Storage of documents, personal objectives, and inventory above floodplain;
- Identification and relocation of stored hazardous materials; and
- Installation of flood walls or shields, as applicable.

**Timeframe:** 5 years

**Cost Estimate** Public outreach should require little to no additional funding if done in

(Potential Funding): tandem with other initiatives (Local funding, PDM)

**Coordinating Agency** City of Shinnston

**Support Agencies:** Harrison County Bureau of Emergency Services

**Mitigation Type:** Public Education and Awareness

**Status:** This strategy represents an on-going initiative.

*Strategy III.1.4:* Continuation of acquisition and demolition of structures that are repeatedly flooded.

**Timeframe:** 5 years

**Cost Estimate** Up to \$95,500 per purchase (HMGP, CDBG)

(Potential Funding):

**Coordinating Agency** City of Shinnston

**Support Agencies:** Harrison County Planning Commission  
Harrison County Commission

**Mitigation Type:** Prevention

**Status:** This project is considered as and if funding is available.

*Strategy III.1.5:* Revise subdivision regulations to require provision for open space on land that is in the floodplain.

**Timeframe:** 3 years  
**Cost Estimate** Maintenance of the ordinance should require little to no additional  
**(Potential Funding):** funding (N/A)  
**Coordinating Agency** City of Shinnston  
**Support Agencies:** Harrison County Planning Commission  
**Mitigation Type:** Prevention  
**Status:** The county is updating its ordinance and the town will wait until that is done so that it will be consistent.

*Strategy III.1.6:* Continue and expand the intergovernmental agreement process between the county and municipalities in order to provide floodplain management by a certified floodplain manager.

**Timeframe:** 5 years  
**Cost Estimate** Cooperation between jurisdictions should require little to no additional  
**(Potential Funding):** funding (N/A)  
**Coordinating Agency** City of Shinnston  
**Support Agencies:** N/A  
**Mitigation Type:** Public Education and Awareness  
**Status:** This strategy represents an on-going, cooperative arrangement between the governmental jurisdictions of Harrison County.

*Strategy III.1.7:* Design and implement a countywide housing rehab program which addresses code violations, elevation, and flooding.

**Timeframe:** 5 years  
**Cost Estimate** Up to \$500,000 per project, contingent on number of rehabs (CDFI,  
**(Potential Funding):** Banks, Other State/Federal Sources)  
**Coordinating Agency** City of Shinnston  
**Support Agencies:** Harrison County Planning Commission  
Harrison County Landmark Commission  
Harrison County Redevelopment Authority  
**Mitigation Type:** Prevention  
**Status:** This strategy represents an on-going effort and is considered as funding is available.

*Strategy II2.1.1:* Adopt and enforce the state building code.

- Timeframe:** 3 years
- Cost Estimate** Updating the ordinance should require little to no additional funding;  
(Potential Funding): enforcement may require funds (Local funding)
- Coordinating Agency** City of Shinnston
- Support Agencies:** Harrison County Planning Commission
- Mitigation Type:** Prevention
- Status:** This strategy represents an on-going effort (i.e., the ordinance is updated when the state code is updated).

*Strategy II3.1.1:* Adopt and enforce the state building code.

- Timeframe:** 3 years
- Cost Estimate** Updating the ordinance should require little to no additional funding;  
(Potential Funding): enforcement may require funds (Local funding)
- Coordinating Agency** City of Shinnston
- Support Agencies:** Harrison County Planning Commission
- Mitigation Type:** Prevention
- Status:** This strategy represents an on-going effort (i.e., the ordinance is updated when the state code is updated).

*Strategy II4.1.1:* Establish a county fire board in order to provide a mechanism for county residents to obtain fire hydrants and other fire suppression tools.

- Timeframe:** 5 years
- Cost Estimate** Investigation and other efforts should require little to no additional  
(Potential Funding): funds (N/A)
- Coordinating Agency** Shinnston VFD
- Support Agencies:** City of Shinnston  
Harrison County Commission
- Mitigation Type:** Emergency Services
- Status:** A county fire board is in existence and it can establish fire fees for certain areas of the county; this strategy remains in the plan to allow local officials the opportunity to investigate the possibility of using this code section as a method to assist in financing fire departments.

*Strategy II5.1.1:* Continue and expand the intergovernmental agreement process between the county, municipalities, and other public agencies to encourage cooperation, to eliminate duplication of duties to provide cost-effective services to citizens.

**Timeframe:** 5 years

**Cost Estimate** Cooperation between jurisdictions should require little to no additional  
(Potential Funding): funding (N/A)

**Coordinating Agency** City of Shinnston

**Support Agencies:** N/A

**Mitigation Type:** Public Education and Awareness

**Status:** This strategy represents an on-going, cooperative arrangement between the governmental jurisdictions of Harrison County.

STAR CITY, TOWN OF

*Strategy JJ1.1.1:* Educate local residents on the benefits of conserving water at all times, not just during a drought.

**Timeframe:** On-going

**Cost Estimate** \$750 - \$2,500 (PDM, Local funding)

(Potential Funding):

**Coordinating Agency** Municipal Council, MCOEM

**Support Agencies:** Local PSDs

**Mitigation Type:** Public Education and Awareness

**Status:** Completed and on-going.

*Strategy JJ2.1.1:* Develop an informational brochure explaining the potential for earthquakes as well as the potential damages from those earthquakes. The brochure should include information on measures to take to safe-proof homes and other structures from the potential effects of earthquakes.

**Timeframe:** On-going

**Cost Estimate** \$750 - \$2,500 (PDM, Local funding)

(Potential Funding):

**Coordinating Agency** MCOEM

**Support Agencies:** USGS

**Mitigation Type:** Public Education and Awareness

**Status:** Completed and on-going.

*Strategy JJ3.1.1:* Educate the public as to the benefits of building codes and overall community and land use planning as well as advantages to mitigation planning.

**Timeframe:** On-going

**Cost Estimate** \$750 - \$2,500 (PDM, Local funding)

(Potential Funding):

**Coordinating Agency** County Commission

**Support Agencies:** Municipal Councils, Planning and Zoning

**Mitigation Type:** Public Education and Awareness

**Status:** Completed and on-going.

*Strategy JJ3.1.2:* Strictly enforce ground disturbance permitting regulations, such as new MS4 requirements, in municipal and county jurisdictions.

**Timeframe:** On-going

**Cost Estimate** Existing personnel could be used, thus cutting cost. (N/A)

(Potential Funding):

**Coordinating Agency** County Commission

**Support Agencies:** Municipal Councils

**Mitigation Type:** Prevention

**Status:** Unchanged.

*Strategy JJ3.2.1:* Undertake active re-vegetation and other storm water programs to cover areas of bare ground that may be susceptible to erosion.

**Timeframe:** On-going

**Cost Estimate** Up to \$5,000 to \$10,000, contingent on size of project. (Local

(Potential Funding): funding)

**Coordinating Agency** Planning Commission

**Support Agencies:** Municipal Inspection/Planning Offices

**Mitigation Type:** Structural Project

**Status:** Completed and on-going.

*Strategy JJ4.1.1:* Produce public awareness campaigns via various local media outlets.

**Timeframe:** On-going

**Cost Estimate** \$750 - \$2,500 (PDM, Local funding)

(Potential Funding):

**Coordinating Agency** Monongalia County Health Department

**Support Agencies:** CDC, WHO

**Mitigation Type:** Public Education and Awareness

**Status:** Completed and on-going.

*Strategy JJ5.1.1:* Coordinate efforts with local media to post advance warnings of hailstorms.

**Timeframe:** On-going  
**Cost Estimate** Coordination with other agencies does not require additional  
(Potential Funding): funding. (N/A)  
**Coordinating Agency** MCOEM  
**Support Agencies:** Local Media Outlets  
**Mitigation Type:** Public Education and Awareness  
**Status:** Completed and on-going.

*Strategy JJ6.1.1:* Coordinate with the National Weather Service (NWS) in Pittsburgh, Pennsylvania to warn residents of impending severe thunderstorm conditions.

**Timeframe:** On-going  
**Cost Estimate** Coordination with other agencies does not require additional  
(Potential Funding): funding. (N/A)  
**Coordinating Agency** MCOEM  
**Support Agencies:** NWS  
**Mitigation Type:** Public Education and Awareness  
**Status:** Completed and on-going.

*Strategy JJ7.1.1:* Coordinate with the NWS in Pittsburgh, Pennsylvania to warn residents of impending severe wind and possible tornado conditions.

**Timeframe:** On-going  
**Cost Estimate** Coordination with other agencies does not require additional  
(Potential Funding): funding. (N/A)  
**Coordinating Agency** MCOEM  
**Support Agencies:** NWS  
**Mitigation Type:** Public Education and Awareness  
**Status:** Completed and on-going.

*Strategy JJ8.1.1:* Continue outfitting and preparing the winter rescue team to ensure that emergency responders can access all parts of the county.

**Timeframe:** On-going  
**Cost Estimate** Up to \$25,000 (HMGP, PDM, DHS, Local funding)  
(Potential Funding):  
**Coordinating Agency** MCOEM  
**Support Agencies:** First Response Agencies.  
**Mitigation Type:** Emergency Services  
**Status:** On-going.

*Strategy JJ9.1.1:* Distribute information concerning the leading causes of wildfires and steps the general public can take to avoid starting wildfires.

**Timeframe:** On-going  
**Cost Estimate** \$750 - \$2,500 (PDM, Local funding)  
(Potential Funding):  
**Coordinating Agency** MCOEM  
**Support Agencies:** WV Division of Forestry, WVDNR  
**Mitigation Type:** Public Education and Awareness  
**Status:** Completed and on-going.

*Strategy JJ9.2.1:* Continue to train and organize local fire service personnel to assist in the investigation of structural fires and the citation of code violations through a certification program made available to local fire chiefs.

**Timeframe:** On-going  
**Cost Estimate** Training opportunities are often provided through the WVU Fire  
(Potential Funding): Service Extension. (N/A)  
**Coordinating Agency** Local FDs  
**Support Agencies:** WVU Fire Service Extension  
**Mitigation Type:** Emergency Services  
**Status:** On-going.

*Strategy JJ9.2.2:* Coordinate with the WVSFM to extend the jurisdiction of deputized fire marshals to a statewide jurisdiction.

**Timeframe:** 5 years

**Cost Estimate** Coordination with other agencies does not require additional

(Potential Funding): funding. (N/A)

**Coordinating Agency** WVSFM

**Mitigation Type:** Emergency Services

**Status:** Unchanged.

*Strategy JJ9.2.3:* Certify police departments, who have arrest powers, to handle arson investigations in place of fire departments, who do not have arrest powers (include a modified version of the State Police Academy to provide such training).

**Timeframe:** 5 years

**Cost Estimate** Project is still in exploration stage, which requires little additional

(Potential Funding): funding.

**Coordinating Agency** Local FDs

**Support Agencies:** WVSP

**Mitigation Type:** Emergency Services

**Status:** Unchanged.

*Strategy JJ9.3.1:* Facilitate public awareness campaigns aimed at recruiting more volunteers at volunteer fire departments.

**Timeframe:** On-going

**Cost Estimate** \$750 - \$2,500 (PDM, Local funding)

(Potential Funding):

**Coordinating Agency** Local FDs

**Support Agencies:** MCOEM

**Mitigation Type:** Public Education and Awareness

**Status:** Completed and on-going.

*Strategy JJ9.3.3:* Continue public awareness campaigns in schools, etc.

**Timeframe:** On-going

**Cost Estimate** \$750 - \$2,500 (PDM, Local funding)

(Potential Funding):

**Coordinating Agency** Local FDs

**Support Agencies:** WVFSM

**Mitigation Type:** Public Education and Awareness

**Status:** Completed and on-going.

*Strategy JJ10.1.1:* Encourage Allegheny Power to undertake projects to increase the number of feeder lines into rural areas so as to create back-up electricity in the event that one of the feeder lines fails.

**Timeframe:** On-going

**Cost Estimate** Coordination with other agencies does not require additional

(Potential Funding): funding. (N/A)

**Coordinating Agency** County Commission

**Support Agencies:** MCOEM, Municipal Council

**Mitigation Type:** Structural Project

**Status:** Unchanged.

*Strategy JJ10.1.2:* Encourage Allegheny Power to allow employees to take company vehicles home to be available for emergency call-outs in the event of a downed electric line. These actions will free-up local emergency responders who normally monitor the downed line.

**Timeframe:** On-going

**Cost Estimate** Coordination with other agencies does not require additional

(Potential Funding): funding. (N/A)

**Coordinating Agency** County Commission

**Support Agencies:** MCOEM, Municipal Council

**Mitigation Type:** Emergency Services

**Status:** Unchanged.

*Strategy JJ10.2.1:* Encourage representatives from the county's assets (e.g. company leaders, etc.) to draft and distribute guidelines to implement in the event of an HVAC failure.

**Timeframe:** On-going  
**Cost Estimate** Coordination with other agencies does not require additional  
(Potential Funding): funding. (N/A)  
**Coordinating Agency** MCOEM  
**Support Agencies:** Company Leaders  
**Mitigation Type:** Emergency Services  
**Status:** Completed and on-going.

*Strategy JJ10.3.1:* Instate a grant or low-interest loan program to help individual residents finance generators and other back-up electricity systems.

**Timeframe:** 5 years  
**Cost Estimate** Up to \$5,000 (Initial funds could be local funds, grants from non-  
(Potential Funding): profit organizations, etc. Ultimately, funds returned as part of the  
program could be used to finance subsequent years.  
**Coordinating Agency** MCOEM  
**Mitigation Type:** Structural Project  
**Status:** Unchanged.

*Strategy JJ11.1.1:* Coordinate with local media to announce low resource supplies.

**Timeframe:** On-going  
**Cost Estimate** Coordination with other agencies does not require additional  
(Potential Funding): funding. (N/A)  
**Coordinating Agency** MCOEM  
**Support Agencies:** Local Media Outlets  
**Mitigation Type:** Public Education and Awareness  
**Status:** Completed and on-going.

*Strategy JJ11.1.2:* Coordinate with local media to announce low fuel supplies.

**Timeframe:** On-going  
**Cost Estimate** Coordination with other agencies does not require additional  
(Potential Funding): funding. (N/A)  
**Coordinating Agency** MCOEM  
**Support Agencies:** Local Media Outlets  
**Mitigation Type:** Public Education and Awareness  
**Status:** Completed and on-going.

*Strategy JJ11.1.3:* Increase public knowledge as to resource conservation by distributing information to new and existing customers.

**Timeframe:** On-going  
**Cost Estimate** \$750 - \$2,500 (PDM, Local funding)  
(Potential Funding):  
**Coordinating Agency** MCOEM  
**Mitigation Type:** Public Education and Awareness  
**Status:** Completed and on-going.

*Strategy JJ12.1.1:* Increase security at large gatherings, festivals, sporting events, etc. throughout the county and municipalities. Examples include events at Mylan Park, Mountain Fest, and events at WVU.

**Timeframe:** On-going  
**Cost Estimate** Funding for law enforcement security officers is a part of regular  
(Potential Funding): operating budgets. (N/A)  
**Coordinating Agency** Monongalia County Sheriff's Office  
**Support Agencies:** Municipal PDs  
**Mitigation Type:** Emergency Services  
**Status:** Unchanged.

*Strategy JJ13.1.1: Assess the feasibility of cleaning up busy intersections.*

**Timeframe:** On-going  
**Cost Estimate** Assessing feasibility, like coordination, requires little additional  
**(Potential Funding):** funding.  
**Coordinating Agency** MPO  
**Support Agencies:** WVDOH  
**Mitigation Type:** Emergency Services  
**Status:** Completed and on-going.

*Strategy JJ13.1.2: Evaluate railroad and roadway intersections for warning systems, etc.*

**Timeframe:** On-going  
**Cost Estimate** Evaluating systems, like coordination, requires little additional  
**(Potential Funding):** funding. (N/A)  
**Coordinating Agency** MPO  
**Support Agencies:** CSX, Norfolk & Western  
**Mitigation Type:** Emergency Services  
**Status:** Completed and on-going.

*Strategy JJ13.2.1: Publicize evacuation plans.*

**Timeframe:** On-going  
**Cost Estimate** This project could be accomplished through existing public  
**(Potential Funding):** information campaigns.  
**Coordinating Agency** MCOEM  
**Mitigation Type:** Public Education and Awareness  
**Status:** Completed and on-going.

*Strategy JJ13.2.2:* Facilitate the creation of safe zones as places where residents can go in the event of a hazardous material incident. Further, publicize the location and access to these safe zones.

**Timeframe:** On-going

**Cost Estimate** This project is essentially a planning item which, by itself, should not  
(Potential Funding): require additional funding. (N/A)

**Coordinating Agency** MCOEM

**Support Agencies:** LEPC

**Mitigation Type:** Emergency Services

**Status:** Completed and on-going.

*Strategy JJ14.1.1:* Encourage schools to adopt and/or upgrade procedural and evacuation plans in the event of a bomb threat.

**Timeframe:** On-going

**Cost Estimate** Schools are already planning; these additional measures would  
(Potential Funding): require no additional costs. (N/A)

**Coordinating Agency** Monongalia County Schools

**Support Agencies:** MCOEM

**Mitigation Type:** Emergency Services

**Status:** Completed and on-going.

*Strategy JJ14.2.2:* Establish trauma centers to offer medical attention and counseling to affected populations in the event of a bomb explosion.

**Timeframe:** On-going

**Cost Estimate** This project is essentially a planning item which, by itself, should not  
(Potential Funding): require additional funding. (N/A)

**Coordinating Agency** MCOEM

**Support Agencies:** Monongalia County Health Department

**Mitigation Type:** Emergency Services

**Status:** Unchanged.

*Strategy JJ14.3.1:* Increase the knowledge of the general public concerning preparedness through the preparation of informational brochures, town meetings, training seminars, etc.

**Timeframe:** On-going

**Cost Estimate** \$750 - \$2,500 (PDM, Local funding)

(Potential Funding):

**Coordinating Agency** MCOEM

**Support Agencies:** LEPC

**Mitigation Type:** Public Education and Awareness

**Status:** Completed and on-going.

*Strategy JJ14.4.1:* Establish trauma centers to offer medical attention and counseling to affected populations in the event of a terrorist event.

**Timeframe:** On-going

**Cost Estimate** This project is essentially a planning item which, by itself, should not

(Potential Funding): require additional funding. (N/A)

**Coordinating Agency** MCOEM

**Support Agencies:** Monongalia County Health Department

**Mitigation Type:** Emergency Services

**Status:** Completed and on-going.

*Strategy JJ14.5.1:* Coordinate with first responders for interagency cooperation to assist in collaborative planning.

**Timeframe:** On-going

**Cost Estimate** Coordination with other agencies does not require additional

(Potential Funding): funding. (N/A)

**Coordinating Agency** MCOEM

**Support Agencies:** Local First Responders

**Mitigation Type:** Emergency Services

**Status:** Completed and on-going.

*Strategy JJ14.5.2:* Continue education and training efforts of first responders and emergency personnel.

**Timeframe:** On-going

**Cost Estimate** \$750 - \$2,500 (PDM, Local funding)

(Potential Funding):

**Coordinating Agency** MCOEM

**Support Agencies:** Local FDs, Local PDs, LEPC

**Mitigation Type:** Emergency Services

**Status:** Completed and on-going.

STONEWOOD, CITY OF

*Strategy KK1.1.1:* Amend floodplain ordinance for compliance with the NFIP regulations.

**Timeframe:** 3 years

**Cost Estimate** Amendment of the ordinance should require little to no additional  
(Potential Funding): funding (N/A)

**Coordinating Agency** Stonewood Floodplain Coordinator

**Support Agencies:** Harrison County Planning Commission

**Mitigation Type:** Prevention

**Status:** The county is updating its ordinance and the town will wait until that is done so that it will be consistent.

*Strategy KK1.1.2:* Establish procedure to amend ordinances as NFIP regulations change.

**Timeframe:** 3 years

**Cost Estimate** Amendment of the ordinance should require little to no additional  
(Potential Funding): funding (N/A)

**Coordinating Agency** Stonewood Floodplain Coordinator

**Support Agencies:** Harrison County Planning Commission

**Mitigation Type:** Prevention

**Status:** This strategy represents an on-going initiative.

*Strategy KK1.1.3:* Establish a public education process for utilities, businesses, and residences regarding floodplain management, to include:

- Permit process;
- Elevation of existing and new residences above flood elevation;
- Elevation of existing and new electrical and mechanical devices above flood elevation;
- Storage of documents, personal objectives, and inventory above floodplain;
- Identification and relocation of stored hazardous materials; and
- Installation of flood walls or shields, as applicable.

**Timeframe:** 5 years

**Cost Estimate** Public outreach should require little to no additional funding if done in

(Potential Funding): tandem with other initiatives (Local funding, PDM)

**Coordinating Agency** City of Stonewood

**Support Agencies:** Harrison County Bureau of Emergency Services

**Mitigation Type:** Public Education and Awareness

**Status:** This strategy represents an on-going initiative.

*Strategy KK1.1.4:* Continuation of acquisition and demolition of FEMA-identified repetitive loss structures.

**Timeframe:** 5 years

**Cost Estimate** Up to \$95,500 per purchase (HMGP, CDBG)

(Potential Funding):

**Coordinating Agency** City of Stonewood

**Support Agencies:** Harrison County Planning Commission  
Harrison County Commission

**Mitigation Type:** Prevention

**Status:** This project is considered as and if funding is available.

*Strategy KK1.1.5:* Revise subdivision regulations to require provision for open space on land that is in the floodplain.

- Timeframe:** 3 years
- Cost Estimate** Maintenance of the ordinance should require little to no additional  
**(Potential Funding):** funding (N/A)
- Coordinating Agency** City of Stonewood
- Support Agencies:** Harrison County Planning Commission
- Mitigation Type:** Prevention
- Status:** The county is updating its ordinance and the town will wait until that is done so that it will be consistent.

*Strategy KK1.1.6:* Continue and expand the intergovernmental agreement process between the county and municipalities in order to provide floodplain management by a certified floodplain manager.

- Timeframe:** 5 years
- Cost Estimate** Cooperation between jurisdictions should require little to no additional  
**(Potential Funding):** funding (N/A)
- Coordinating Agency** City of Stonewood
- Support Agencies:** N/A
- Mitigation Type:** Public Education and Awareness
- Status:** This strategy represents an on-going, cooperative arrangement between the governmental jurisdictions of Harrison County.

*Strategy KK1.1.7:* Design and implement a countywide housing rehab program which addresses code violations, elevation, and flooding.

- Timeframe:** 5 years
- Cost Estimate** Up to \$500,000 per project, contingent on number of rehabs (CDFI,  
**(Potential Funding):** Banks, Other State/Federal Sources)
- Coordinating Agency** City of Stonewood
- Support Agencies:** Harrison County Planning Commission  
Harrison County Landmark Commission  
Harrison County Redevelopment Authority
- Mitigation Type:** Prevention
- Status:** This strategy represents an on-going effort and is considered as funding is available.

*Strategy KK2.1.1:* Adopt and enforce the state building code.

**Timeframe:** 3 years  
**Cost Estimate** Updating the ordinance should require little to no additional funding;  
**(Potential Funding):** enforcement may require funds (Local funding)  
**Coordinating Agency** City of Stonewood  
**Support Agencies:** Harrison County Planning Commission  
**Mitigation Type:** Prevention  
**Status:** This strategy represents an on-going effort (i.e., the ordinance is updated when the state code is updated).

*Strategy KK3.1.1:* Adopt and enforce the state building code.

**Timeframe:** 3 years  
**Cost Estimate** Updating the ordinance should require little to no additional funding;  
**(Potential Funding):** enforcement may require funds (Local funding)  
**Coordinating Agency** City of Stonewood  
**Support Agencies:** Harrison County Planning Commission  
**Mitigation Type:** Prevention  
**Status:** This strategy represents an on-going effort (i.e., the ordinance is updated when the state code is updated).

*Strategy KK4.1.1:* Establish a county fire board in order to provide a mechanism for county residents to obtain fire hydrants and other fire suppression tools.

**Timeframe:** 5 years  
**Cost Estimate** Investigation and other efforts should require little to no additional  
**(Potential Funding):** funds (N/A)  
**Coordinating Agency** Stonewood VFD  
**Support Agencies:** City of Stonewood  
Harrison County Commission  
**Mitigation Type:** Emergency Services  
**Status:** A county fire board is in existence and it can establish fire fees for certain areas of the county; this strategy remains in the plan to allow local officials the opportunity to investigate the possibility of using this code section as a method to assist in financing fire departments.

*Strategy KK5.1.1:* Continue and expand the intergovernmental agreement process between the county, municipalities, and other public agencies to encourage cooperation, to eliminate duplication of duties to provide cost-effective services to citizens.

**Timeframe:** 5 years

**Cost Estimate** Cooperation between jurisdictions should require little to no additional  
(Potential Funding): funding (N/A)

**Coordinating Agency** City of Stonewood

**Support Agencies:** N/A

**Mitigation Type:** Public Education and Awareness

**Status:** This strategy represents an on-going, cooperative arrangement between the governmental jurisdictions of Harrison County.

## TAYLOR COUNTY

*Strategy LL1.1.1:* Encourage schools to instate and/or update procedural and evacuation plans in the event of a bomb threat

**Timeframe:** On-going

**Cost Estimate** Up to \$5,000 if a contractor is used (SBA, PDM, Local funding)

(Potential Funding):

**Coordinating Agency** Taylor County Board of Education

**Support Agencies:** Taylor County Commission

**Mitigation Type:** Prevention

**Status:** Completed and ongoing. All county schools do have bomb threat procedures and evacuation plans in place, and exercise those plans by have drills periodically.

*Strategy LL1.2.1:* Encourage county assets to instate and/or update procedural and evacuation plans in the event of a bomb threat.

**Timeframe:** On-going

**Cost Estimate** Encouragement should require little to no additional funding (N/A)

(Potential Funding):

**Coordinating Agency** Individual Asset Representatives

**Support Agencies:** Taylor County Office of Emergency Services

**Mitigation Type:** Prevention

**Status:** Completed and ongoing. The majority of the county assets have developed bomb threat procedures and evacuation plans in place, and exercise those plans periodically.

*Strategy LL1.3.1:* Establish trauma centers to offer medical attention and counseling to affected populations in the event of a bomb explosion.

**Timeframe:** 3 years

**Cost Estimate** Up to \$400,000 (CDBG, PDM)

(Potential Funding):

**Coordinating Agency** Taylor County Office of Emergency Services

**Support Agencies:** Taylor County Commission  
American Red Cross

**Mitigation Type:** Structural Projects

**Status:** Not completed. No funding has been available to complete this strategy.

*Strategy LL2.1.1:* Develop a layer to the county's available mapping showing the areas downstream of the Tygart Lake Dam to complement any structural inventory mapping that has been done. As such, county officials can easily sum the potential losses in a single dams' susceptibility area.

**Timeframe:** 3 years

**Cost Estimate** Up to \$3,000 if a contractor is used (PDM, Local funding)

(Potential Funding):

**Coordinating Agency** Taylor County Office of Emergency Services

**Support Agencies:** Taylor County Commission

**Mitigation Type:** Emergency Services

**Status:** This is a new strategy.

*Strategy LL2.2.1:* Identify the areas of the County and the City of Grafton that would be severely flooded in the event of a severe failure of the Tygart Lake Dam, and develop zoning regulations that disallow future development in those areas.

**Timeframe:** 4 years

**Cost Estimate** Up to \$3,000 (PDM, Local funding)

(Potential Funding):

**Coordinating Agency** Taylor County Commission

**Support Agencies:** Taylor County Office of Emergency Services

**Mitigation Type:** Emergency Services

**Status:** This is a new strategy.

*Strategy LL3.1.2:* Consider passing ordinances to prioritize or control water use, particularly for emergency situations such as firefighting.

**Timeframe:** On-going

**Cost Estimate** Development of codes should require little to no additional funding

(Potential Funding): (N/A)

**Coordinating Agency** Taylor County Commission

**Support Agencies:** N/A

**Mitigation Type:** Natural Resource Protection

**Status:** This is a new strategy.

*Strategy LL3.2.1:* Provide for an emergency backup power supply at all water treatment facilities in Taylor County.

**Timeframe:** 5 years

**Cost Estimate** Up to \$75,000 to \$120,000 (IJDC, SCBG, USDA RD)

(Potential Funding):

**Coordinating Agency** Local PSDs

**Support Agencies:** Taylor County Commission

**Mitigation Type:** Prevention  
Structural Projects

**Status:** This is a new strategy.

*Strategy LL4.1.2:* Encourage the implementation of structural mitigation techniques such as wall bracing, reinforcing walls with fiber materials, the installation of dampers or vibration isolation bearings in new construction.

**Timeframe:** On-going (during new construction)

**Cost Estimate** Encouragement should require little to no additional funding (N/A)

(Potential Funding):

**Coordinating Agency** Taylor County Commission

**Support Agencies:** Taylor County Office of Emergency Services

**Mitigation Type:** Structural Projects  
Prevention

**Status:** This is a new strategy.

*Strategy LL5.2.1:* Coordinate county efforts to meet the requirements of becoming a participant in the CRS.

**Timeframe:** 5 years

**Cost Estimate** Coordination should require little to no additional funding (N/A)

(Potential Funding):

**Coordinating Agency** Taylor County Office of Emergency Services

**Support Agencies:** Taylor County Commission

**Mitigation Type:** Property Protection

**Status:** Not complete.

*Strategy LL5.3.1:* Instate a countywide permitting process, which will require residents and/or developers to file a permit with the county before beginning new construction as a means of regulating floodplain development.

**Timeframe:** 1 year

**Cost Estimate** Establishing a permitting process should require little to no additional  
(Potential Funding): funding (N/A)

**Coordinating Agency** Taylor County Commission

**Support Agencies:** N/A

**Mitigation Type:** Prevention  
Property Protection

**Status:** Not completed, this strategy has been tabled.

*Strategy LL5.3.2:* Develop and conduct acquisition and relocation projects.

**Timeframe:** On-going

**Cost Estimate** Up to \$77,000 per purchase (HMGP)  
(Potential Funding):

**Coordinating Agency** Taylor County Commission

**Support Agencies:** Taylor County Office of Emergency Services

**Mitigation Type:** Prevention

**Status:** This strategy is ongoing, acquisition/relocation projects have performed in some areas of Taylor County already.

*Strategy LL5.4.1:* Distribute letters to all property owners in the county regarding potential flood hazards as required for participation in the Community Rating System (CRS).

**Timeframe:** On-going

**Cost Estimate** Up to \$3,000 (Local funding)  
(Potential Funding):

**Coordinating Agency** Taylor County Office of Emergency Services

**Support Agencies:** N/A

**Mitigation Type:** Property Protection

**Status:** This is a new strategy.

*Strategy LL5.4.2:* Hold local courses on National Flood Insurance Program (NFIP) for realtors, bankers, insurers, and municipal development officials.

**Timeframe:** On-going

**Cost Estimate** Up to \$200 per course (Local funding)

(Potential Funding):

**Coordinating Agency** Taylor County Commission

**Support Agencies:** ISO

**Mitigation Type:** Prevention  
Public Education and Awareness

**Status:** This is a new strategy.

*Strategy LL5.4.3:* Obtain updated information on the number of NFIP policy holders in Taylor County and its municipalities.

**Timeframe:** On-going

**Cost Estimate** Up to \$3,000 (PDM, Local funding)

(Potential Funding):

**Coordinating Agency** Taylor County Office of Emergency Services

**Support Agencies:** WVDHSEM  
FEMA

**Mitigation Type:** Property Protection

**Status:** This is a new strategy.

*Strategy LL5.5.1:* Collect updated information of the number and location of all repetitive loss properties throughout the county and the municipalities.

**Timeframe:** On-going

**Cost Estimate** Up to \$5,000 to \$10,000 (PDM)

(Potential Funding):

**Coordinating Agency** Taylor County Office of Emergency Services

**Support Agencies:** Taylor County Commission  
WVDHSEM  
FEMA

**Mitigation Type:** Structural Projects  
Prevention

**Status:** This is a new strategy.

*Strategy LL5.5.2:* Develop a database of information on all repetitive loss properties including maps.

**Timeframe:** 2 years

**Cost Estimate** Up to \$5,000 to develop database (Local funding)

(Potential Funding):

**Coordinating Agency** Taylor County Office of Emergency Services

**Support Agencies:** N/A

**Mitigation Type:** Emergency Services

**Status:** This is a new strategy.

*Strategy LL5.5.3:* Identify owners of repetitive loss properties who are interested in participating in future property acquisition and relocation projects.

**Timeframe:** 3 years

**Cost Estimate** Up to \$4,500 (PDM, Local funding)

(Potential Funding):

**Coordinating Agency** Taylor County Office of Emergency Services

**Support Agencies:** N/A

**Mitigation Type:** Property Protection

**Status:** This is a new strategy.

*Strategy LL5.6.1:* Work with the WV Division of Highways to identify areas of frequent roadways flooding and develop mitigation strategies.

**Timeframe:** 4 years

**Cost Estimate** Up to \$10,000 to \$15,000 (PDM, Local funding)

(Potential Funding):

**Coordinating Agency** Taylor County Office of Emergency Services

**Support Agencies:** WVDOH

**Mitigation Type:** Prevention  
Emergency Services

**Status:** This is a new strategy.

*Strategy LL6.1.1:* Coordinate efforts with local media to post advance warnings of hailstorms.

**Timeframe:** On-going

**Cost Estimate** Coordination should require little to no additional funding (N/A)

(Potential Funding):

**Coordinating Agency** Taylor County Office of Emergency Services

**Support Agencies:** Local Media Outlets

**Mitigation Type:** Public Education and Awareness

**Status:** Have coordinated with the National Weather Service on this issue.  
This strategy is ongoing.

*Strategy LL6.1.2:* Encourage the use of NOAA weather radios among residents that continuously broadcast National Weather Service (NWS) forecasts and provide direct warnings to the public for natural, technological, and man-made hazards.

**Timeframe:** 1 year

**Cost Estimate** Encouraging use requires no additional funding (N/A)

(Potential Funding):

**Coordinating Agency** Taylor County Office of Emergency Services

**Support Agencies:** N/A

**Mitigation Type:** Public Education and Awareness

**Status:** This is a new strategy.

*Strategy LL7.1.2:* Conduct a Tier II Assessment on the large retailers in the county to identify who should be reporting and who should not be.

**Timeframe:** 3 years

**Cost Estimate** Up to \$7,000 (EMPG, PDM, HMEP)

(Potential Funding):

**Coordinating Agency** Taylor County LEPC

**Support Agencies:** Individual Asset Representatives

**Mitigation Type:** Emergency Services

**Status:** This strategy has not been completed.

*Strategy LL7.1.3:* Apply for a Hazardous Materials Emergency Preparedness (HMEP) grant from the WVDHSEM to finance the development of a Commodity Flow Study to determine what hazardous materials are used, stored, and shipped through the county.

**Timeframe:** 2 years

**Cost Estimate** Up to \$7,000 (HMEP, Local funding)

(Potential Funding):

**Coordinating Agency** Taylor County LEPC

**Support Agencies:** Taylor County Office of Emergency Services

**Mitigation Type:** Emergency Services

**Status:** This strategy has not been completed.

*Strategy LL7.2.3:* Facilitate the creation of safe zones as places where residents can go in the event of a large scale hazardous materials incident. Further, publicize the location and access routes to these safe zones.

**Timeframe:** 2 years

**Cost Estimate** Up to \$150,000 (Local funding)

(Potential Funding):

**Coordinating Agency** Taylor County Office of Emergency Services

**Support Agencies:** Taylor County LEPC

**Mitigation Type:** Structural Projects

**Status:** Not complete, no funding has been made available to complete this strategy.

*Strategy LL8.1.1:* Instate countywide building codes, which will regulate the number of buildings constructed, the materials used in buildings that are constructed, and the locations in which buildings are constructed.

**Timeframe:** 5 years

**Cost Estimate** Creation of codes should require little to no additional funding (N/A)

(Potential Funding):

**Coordinating Agency** Taylor County Commission

**Support Agencies:** N/A

**Mitigation Type:** Prevention

Property Protection

**Status:** The development of such building codes has been discussed; however, this strategy has been tabled.

*Strategy LL8.1.3:* Develop ordinances requiring logging companies to clean and replant areas that they log. The ordinance should include the amount of replanting that is expected.

**Timeframe:** 3 years

**Cost Estimate** Developing ordinances will require little to no additional funding (N/A)

(Potential Funding):

**Coordinating Agency** Taylor County Commission

**Support Agencies:** N/A

**Mitigation Type:** Natural Resource Protection

**Status:** This is a new strategy.

*Strategy LL9.1.2:* Conduct National Weather Service (NWS) Storm Spotter classes.

**Timeframe:** On-going

**Cost Estimate** Up to \$3,000 (Local funding)

(Potential Funding):

**Coordinating Agency** Taylor County Office of Emergency Services

**Support Agencies:** National Weather Service

**Mitigation Type:** Public Education and Awareness

**Status:** This is a new strategy.

*Strategy LL9.1.3:* Encourage the use of NOAA Weather Radios among residents that continuously broadcast NWS forecasts and provide direct warnings to the public.

**Timeframe:** 2 years

**Cost Estimate** Encouragement should require little to no additional funding (N/A)

(Potential Funding):

**Coordinating Agency** Taylor County Office of Emergency Services

**Support Agencies:** N/A

**Mitigation Type:** Public Education and Awareness

**Status:** This is a new strategy.

*Strategy LL10.1.1:* Develop an informational brochure describing proper safety procedures to following during a tornado or severe windstorm.

**Timeframe:** On-going

**Cost Estimate** Up to \$3,000 (PDM, Local funding)

(Potential Funding):

**Coordinating Agency** Taylor County Office of Emergency Services

**Support Agencies:** WVDHSEM

**Mitigation Type:** Public Education and Awareness

**Status:** An informational brochure has been developed and will be distributed periodically.

*Strategy LL10.2.1:* Reduce the risk of mobile home damage by suggesting the use of tie-downs with ground anchors appropriate for the soil type.

**Timeframe:** 3 years

**Cost Estimate** Suggestion should require little to no additional funding (N/A)

(Potential Funding):

**Coordinating Agency** Taylor County Office of Emergency Services

**Support Agencies:** N/A

**Mitigation Type:** Property Protection

**Status:** This is a new strategy.

*Strategy LL10.2.2:* Ensure that all shelters have adequate emergency power resources.

**Timeframe:** 2 years

**Cost Estimate** Up to \$7,000 (FEMA, Local funding)

(Potential Funding):

**Coordinating Agency** Taylor County Office of Emergency Services

**Support Agencies:** American Red Cross  
Taylor County Schools  
Local Churches

**Mitigation Type:** Emergency Services

**Status:** This is a new strategy.

*Strategy LL10.3.1:* Establish a protocol for the sharing of annual shelter survey information between the local American Red Cross and the TCOES.

**Timeframe:** On-going

**Cost Estimate** Coordination requires little to no additional funding (N/A)

(Potential Funding):

**Coordinating Agency** Taylor County Office of Emergency Services

**Support Agencies:** American Red Cross

**Mitigation Type:** Emergency Services

**Status:** This is a new strategy.

*Strategy LL11.1.2:* Coordinate with local private contractors to develop mutual aid agreements for emergency snow removal, also develop a Debris Management Plan that can be implemented following a disaster occurrence.

**Timeframe:** 3 years

**Cost Estimate** Up to \$8,500 for plan development; coordinating mutual aid requires

(Potential Funding): little to no additional funding (DHS, Local funding)

**Coordinating Agency** Taylor County Commission

**Support Agencies:** WVDOH

Local Contractors

**Mitigation Type:** Emergency Services

**Status:** This is a new strategy.

*Strategy LL13.1.1:* Increase the knowledge of the general public concerning preparedness through the preparation of informational brochures, town meetings, training seminars, etc.

**Timeframe:** On-going

**Cost Estimate** Up to \$3,000 to \$7,000 (PDM, DOJ, Local funding)

(Potential Funding):

**Coordinating Agency** Taylor County Office of Emergency Services

**Support Agencies:** Taylor County LEPC

**Mitigation Type:** Public Education and Awareness

**Status:** This strategy is ongoing. Informational brochures have been distributed and training seminars have been held.

*Strategy LL13.1.2:* Coordinate with local media to alert the public as to the most current threat status.

**Timeframe:** On-going

**Cost Estimate** Coordination requires little to no additional funding (N/A)

(Potential Funding):

**Coordinating Agency** Taylor County Office of Emergency Services

**Support Agencies:** Local Media Outlets  
WVDHSEM

**Mitigation Type:** Public Education and Awareness

**Status:** This strategy is ongoing. Coordinating with local media has been done and they do periodically broadcast the most current threat status.

*Strategy LL13.1.3:* Develop and/or enhance terrorist incident response annexes in the county Emergency Operations Plan (EOP).

**Timeframe:** 3 years

**Cost Estimate** Up to \$7,000 (DHS, PDM)

(Potential Funding):

**Coordinating Agency** Taylor County Office of Emergency Services

**Support Agencies:** N/A

**Mitigation Type:** Emergency Services

**Status:** This is a new strategy.

*Strategy LL13.2.1:* Establish trauma centers at local schools and churches to offer medical attention and counseling to affected populations in the event of a terrorist attack.

**Timeframe:** 5 years

**Cost Estimate** Coordination for use of facilities should require little to no additional

(Potential Funding): funding (N/A)

**Coordinating Agency** Taylor County Office of Emergency Services

**Support Agencies:** Taylor County Board of Education  
American Red Cross

**Mitigation Type:** Emergency Services

**Status:** This strategy has not been completed; however, efforts have been made to coordinate with local schools and churches.

*Strategy LL13.2.2:* Continue education and training efforts of first responders and emergency personnel.

**Timeframe:** On-going

**Cost Estimate** Up to \$10,000 per exercise (DHS, HMEP, Local funding)

(Potential Funding):

**Coordinating Agency** Taylor County Office of Emergency Services

**Support Agencies:** Local VFDs  
WVDHSEM

**Mitigation Type:** Emergency Services

**Status:** This is an ongoing strategy, table top, functional and full-scale exercises are held periodically in Taylor County to train on all aspects of emergency response and recovery.

*Strategy LL13.2.3:* Make arrangements or otherwise establish mass morgue facilities to be used following potential mass casualty events.

**Timeframe:** 5 years

**Cost Estimate** Up to \$250,000 (DHS, PDM, Local funding)

(Potential Funding):

**Coordinating Agency** Taylor County Health Department

**Support Agencies:** Taylor County Office of Emergency Services  
Coroner/Medical Examiner  
WVDHHR  
WVDHSEM

**Mitigation Type:** Structural Projects

**Status:** This is a new strategy.

*Strategy LL13.3.1:* Coordinate with local and state law enforcement to increase security at the major assets throughout the county.

**Timeframe:** On-going

**Cost Estimate** Coordination should require little to no additional funding (N/A)

(Potential Funding):

**Coordinating Agency** Taylor County Office of Emergency Services

**Support Agencies:** Local Law Enforcement

Taylor County Sheriff

WVSP

WVDHSEM

**Mitigation Type:** Emergency Services

**Status:** This is an ongoing strategy; increased security has been achieved where appropriate.

*Strategy LL14.1.3:* Restrict non-critical phone usage during emergency situations by instating a line-load program through the telephone company.

**Timeframe:** 3 years

**Cost Estimate** Coordination with the phone company requires little to no funding

(Potential Funding): (N/A)

**Coordinating Agency** Taylor County Office of Emergency Services

**Support Agencies:** Frontier

**Mitigation Type:** Emergency Services

**Status:** This strategy has not been completed.

*Strategy LL14.3.1:* Increase the number of feeder lines into rural areas so as to create back-up electricity in the event that one of the feeder lines fails.

**Timeframe:** 5 years

**Cost Estimate** Up to \$3,000,000 (Utility Companies)

(Potential Funding):

**Coordinating Agency** Utility Companies

**Support Agencies:** N/A

**Mitigation Type:** Structural Projects

**Status:** This strategy has not been completed due to lack of funding.

*Strategy LL14.3.2:* Decrease the probability of utility failures as a direct result of severe thunderstorms by coordinating with the power company to periodically trim trees near power lines to prevent limb breakage and power failures.

**Timeframe:** 4 years

**Cost Estimate** Up to \$500,000 (PDM, Local funding)

(Potential Funding):

**Coordinating Agency** Taylor County Commission

**Support Agencies:** Utility Companies

**Mitigation Type:** Prevention

**Status:** This is a new strategy.

*Strategy LL14.4.1:* Purchase and install industrial size generators to sever as backup power at all critical utility facilities.

**Timeframe:** 5 years

**Cost Estimate** Up to \$200,000 per generator (DHS, PDM, Local funding)

(Potential Funding):

**Coordinating Agency** Taylor County Office of Emergency Services

**Support Agencies:** Utility Companies

**Mitigation Type:** Prevention

Structural Projects

**Status:** This is a new strategy.

*Strategy LL15.1.1:* Distribute information concerning the leading causes of wildfires and steps the general public can take to avoid starting wildfires.

**Timeframe:** On-going

**Cost Estimate** Distributing pre-existing information should require little to no

(Potential Funding): additional funding (N/A)

**Coordinating Agency** Taylor County Office of Emergency Services

**Support Agencies:** WVDNR

**Mitigation Type:** Public Education and Awareness

**Status:** This strategy is complete and is ongoing; such information has been developed and distributed.

*Strategy LL15.1.2:* Create displays for children's programs that teach safety. Examples of information to be used would be similar to that on the FEMA for kids CD and/or the Sparky Fire Safety Program.

**Timeframe:** 3 years

**Cost Estimate** Up to \$3,000 to \$5,000 if materials are not already printed (Local  
(Potential Funding): funding)

**Coordinating Agency** Taylor County Office of Emergency Services

**Support Agencies:** N/A

**Mitigation Type:** Public Education and Awareness

**Status:** This is a new strategy.

*Strategy LL15.1.3:* Encourage residents and businesses to maintain their property in or near forested areas (including short grass; thinned trees and removal of low hanging branches, cleaning of dead or dry leaves, needles, twigs, etc.), and to create a buffer zone (defensible space) between structures and adjacent forests.

**Timeframe:** On-going

**Cost Estimate** Encouragement should require little to no additional funding (N/A)  
(Potential Funding):

**Coordinating Agency** Taylor County Office of Emergency Services

**Support Agencies:** N/A

**Mitigation Type:** Property Protection

**Status:** This is a new strategy.

*Strategy LL15.1.4:* Encourage residents in rural areas to inspect and clean their chimneys at least once a year.

**Timeframe:** On-going

**Cost Estimate** Encouragement requires little to no additional funding (N/A)  
(Potential Funding):

**Coordinating Agency** Taylor County Office of Emergency Services

**Support Agencies:** Local VFDs

**Mitigation Type:** Property Protection

Prevention

**Status:** This is a new strategy.

TERRA ALTA, TOWN OF

*Strategy MM1.1.1:* Consider constructing snow fences or planting rows of trees to serve as living snow fences to limit blowing and drifting snow over critical roadways.

**Timeframe:** 3 years

**Cost Estimate** Department of Transportation, Local funding (Up to \$10,000 for  
(Potential Funding): professional landscaping; however, local road crews may be able to accomplish this strategy for only the cost of materials.).

**Coordinating Agency** Town Council

**Support Agencies:** WVDOH

**Mitigation Type:** Structural Project

**Status:** Unchanged.

TUNNELTON, TOWN OF

*Strategy NN1.1.1:* Conduct a mapping project to identify old mining areas or geologically unstable terrain so that development can proceed accordingly in those areas.

**Timeframe:** 2 years

**Cost Estimate** Local funding, PDM (\$10,000 to \$15,000)

(Potential Funding):

**Coordinating Agency** Town Council

**Support Agencies:** County Engineer

**Mitigation Type:** Prevention

**Status:** Unchanged.

WEST MILFORD, TOWN OF

*Strategy OO1.1.1:* Amend floodplain ordinance for compliance with the NFIP regulations.

**Timeframe:** 3 years

**Cost Estimate** Amendment of the ordinance should require little to no additional

(Potential Funding): funding (N/A)

**Coordinating Agency** West Milford Floodplain Coordinator

**Support Agencies:** Harrison County Planning Commission

**Mitigation Type:** Prevention

**Status:** The county is updating its ordinance and the town will wait until that is done so that it will be consistent.

*Strategy OO1.1.2:* Establish procedure to amend ordinances as NFIP regulations change.

**Timeframe:** 3 years

**Cost Estimate** Amendment of the ordinance should require little to no additional

(Potential Funding): funding (N/A)

**Coordinating Agency** West Milford Floodplain Coordinator

**Support Agencies:** Harrison County Planning Commission

**Mitigation Type:** Prevention

**Status:** This strategy represents an on-going initiative.

*Strategy OO1.1.3:* Establish a public education process for utilities, businesses, and residences regarding floodplain management, to include:

- Permit process;
- Elevation of existing and new residences above flood elevation;
- Elevation of existing and new electrical and mechanical devices above flood elevation;
- Storage of documents, personal objectives, and inventory above floodplain;
- Identification and relocation of stored hazardous materials; and
- Installation of flood walls or shields, as applicable.

**Timeframe:** 5 years

**Cost Estimate** Public outreach should require little to no additional funding if done in  
**(Potential Funding):** tandem with other initiatives (Local funding, PDM)

**Coordinating Agency** Town of West Milford

**Support Agencies:** Harrison County Bureau of Emergency Services

**Mitigation Type:** Public Education and Awareness

**Status:** This strategy represents an on-going initiative.

*Strategy OO1.1.4:* Continuation of acquisition and demolition of FEMA-identified repetitive loss structures.

**Timeframe:** 5 years

**Cost Estimate** Up to \$95,500 per purchase (HMGP, CDBG)  
**(Potential Funding):**

**Coordinating Agency** Town of West Milford

**Support Agencies:** Harrison County Planning Commission  
Harrison County Commission

**Mitigation Type:** Prevention

**Status:** This project is considered as and if funding is available.

*Strategy OO1.1.5:* Revise subdivision regulations to require provision for open space on land that is in the floodplain.

**Timeframe:** 3 years  
**Cost Estimate** Maintenance of the ordinance should require little to no additional  
**(Potential Funding):** funding (N/A)  
**Coordinating Agency** Town of West Milford  
**Support Agencies:** Harrison County Planning Commission  
**Mitigation Type:** Prevention  
**Status:** The county is updating its ordinance and the town will wait until that is done so that it will be consistent.

*Strategy OO1.1.6:* Continue and expand the intergovernmental agreement process between the county and municipalities in order to provide floodplain management by a certified floodplain manager.

**Timeframe:** 5 years  
**Cost Estimate** Cooperation between jurisdictions should require little to no additional  
**(Potential Funding):** funding (N/A)  
**Coordinating Agency** Town of West Milford  
**Support Agencies:** N/A  
**Mitigation Type:** Public Education and Awareness  
**Status:** This strategy represents an on-going, cooperative arrangement between the governmental jurisdictions of Harrison County.

*Strategy OO1.1.7:* Design and implement a countywide housing rehab program which addresses code violations, elevation, and flooding.

**Timeframe:** 5 years  
**Cost Estimate** Up to \$500,000 per project, contingent on number of rehabs (CDFI,  
**(Potential Funding):** Banks, Other State/Federal Sources)  
**Coordinating Agency** Town of West Milford  
**Support Agencies:** Harrison County Planning Commission  
Harrison County Landmark Commission  
Harrison County Redevelopment Authority  
**Mitigation Type:** Prevention  
**Status:** This strategy represents an on-going effort and is considered as funding is available.

*Strategy 002.1.1:* Adopt and enforce the state building code.

- Timeframe:** 3 years
- Cost Estimate** Updating the ordinance should require little to no additional funding;  
**(Potential Funding):** enforcement may require funds (Local funding)
- Coordinating Agency** Town of West Milford
- Support Agencies:** Harrison County Planning Commission
- Mitigation Type:** Prevention
- Status:** This strategy represents an on-going effort (i.e., the ordinance is updated when the state code is updated).

*Strategy 003.1.1:* Adopt and enforce the state building code.

- Timeframe:** 3 years
- Cost Estimate** Updating the ordinance should require little to no additional funding;  
**(Potential Funding):** enforcement may require funds (Local funding)
- Coordinating Agency** Town of West Milford
- Support Agencies:** Harrison County Planning Commission
- Mitigation Type:** Prevention
- Status:** This strategy represents an on-going effort (i.e., the ordinance is updated when the state code is updated).

*Strategy 004.1.1:* Establish a county fire board in order to provide a mechanism for county residents to obtain fire hydrants and other fire suppression tools.

- Timeframe:** 5 years
- Cost Estimate** Investigation and other efforts should require little to no additional  
**(Potential Funding):** funds (N/A)
- Coordinating Agency** West Milford VFD
- Support Agencies:** Town of West Milford  
Harrison County Commission
- Mitigation Type:** Emergency Services
- Status:** A county fire board is in existence and it can establish fire fees for certain areas of the county; this strategy remains in the plan to allow local officials the opportunity to investigate the possibility of using this code section as a method to assist in financing fire departments.

*Strategy 005.1.1:* Continue and expand the intergovernmental agreement process between the county, municipalities, and other public agencies to encourage cooperation, to eliminate duplication of duties to provide cost-effective services to citizens.

**Timeframe:** 5 years

**Cost Estimate** Cooperation between jurisdictions should require little to no additional  
(Potential Funding): funding (N/A)

**Coordinating Agency** Town of West Milford

**Support Agencies:** N/A

**Mitigation Type:** Public Education and Awareness

**Status:** This strategy represents an on-going, cooperative arrangement between the governmental jurisdictions of Harrison County.

WEST UNION, TOWN OF

*Strategy PP1.1.1:* Conduct acquisition and relocation projects in the Town of West Union, and adopt ordinances that limit development in the floodplain.

**Timeframe:** 2 years

**Cost Estimate** Local funding FMA, (Up to \$70,000 to \$100,000 per house)

(Potential Funding):

**Coordinating Agency** County Commission

**Support Agencies:** Floodplain Manager

**Mitigation Type:** Property Protection

**Status:** On-going.

*Strategy PP1.2.1:* Clean Middle Island Creek and its floodplain, clearing log jams, trees and shrubs, and sediment bars.

**Timeframe:** 5 Years

**Cost Estimate** USACOE, Local funding (small sections of the creek could cost as

(Potential Funding): much as \$50,000 to \$100,000)

**Coordinating Agency** Town Council

**Support Agencies:** County Engineer

**Mitigation Type:** Prevention

**Status:** Unchanged.

*Strategy PP2.1.1:* Increase the coverage area and use of NOAA Weather Radios throughout the Town of West Union.

**Timeframe:** 1 year

**Cost Estimate** Local funding, PDM (Up to \$200 to \$500 per radio)

(Potential Funding):

**Coordinating Agency** Town Council

**Support Agencies:** DCOES

**Mitigation Type:** Public Education and Awareness

**Status:** On-going.

*Strategy PP3.1.1:* Consider constructing snow fences or planting rows of trees to serve as living snow fences to limit blowing and drifting snow over critical roadways.

**Timeframe:** 3 years

**Cost Estimate** Department of Transportation, Local Funding (Up to \$10,000 for  
(Potential Funding): professional landscaping; however, local road crews may be able to accomplish this strategy for only the cost of materials)

**Coordinating Agency** Town Council

**Support Agencies:** WVDOH

**Mitigation Type:** Structural Projects

**Status:** Unchanged.

WESTOVER, CITY OF

*Strategy QQ1.1.1:* Educate local residents on the benefits of conserving water at all times, not just during a drought.

**Timeframe:** On-going

**Cost Estimate** \$750 - \$2,500 (PDM, Local funding)

(Potential Funding):

**Coordinating Agency** Municipal Council, MCOEM

**Support Agencies:** Local PSDs

**Mitigation Type:** Public Education and Awareness

**Status:** Completed and on-going.

*Strategy QQ2.1.1:* Develop an informational brochure explaining the potential for earthquakes as well as the potential damages from those earthquakes. The brochure should include information on measures to take to safe-proof homes and other structures from the potential effects of earthquakes.

**Timeframe:** On-going

**Cost Estimate** \$750 - \$2,500 (PDM, Local funding)

(Potential Funding):

**Coordinating Agency** MCOEM

**Support Agencies:** USGS

**Mitigation Type:** Public Education and Awareness

**Status:** Completed and on-going.

*Strategy QQ3.1.1:* Educate the public as to the benefits of building codes and overall community and land use planning as well as advantages to mitigation planning.

**Timeframe:** On-going

**Cost Estimate** \$750 - \$2,500 (PDM, Local funding)

(Potential Funding):

**Coordinating Agency** County Commission

**Support Agencies:** Municipal Councils, Planning and Zoning

**Mitigation Type:** Public Education and Awareness

**Status:** Completed and on-going.

*Strategy QQ3.1.2:* Strictly enforce ground disturbance permitting regulations, such as new MS4 requirements, in municipal and county jurisdictions.

**Timeframe:** On-going

**Cost Estimate** Existing personnel could be used, thus cutting cost. (N/A)

(Potential Funding):

**Coordinating Agency** County Commission

**Support Agencies:** Municipal Councils

**Mitigation Type:** Prevention

**Status:** Unchanged.

*Strategy QQ3.2.1:* Undertake active re-vegetation and other storm water programs to cover areas of bare ground that may be susceptible to erosion.

**Timeframe:** On-going

**Cost Estimate** Up to \$5,000 to \$10,000, contingent on size of project. (Local

(Potential Funding): funding)

**Coordinating Agency** Planning Commission

**Support Agencies:** Municipal Inspection/Planning Offices

**Mitigation Type:** Structural Project

**Status:** Completed and on-going.

*Strategy QQ4.1.1:* Produce public awareness campaigns via various local media outlets.

**Timeframe:** On-going

**Cost Estimate** \$750 - \$2,500 (PDM, Local funding)

(Potential Funding):

**Coordinating Agency** Monongalia County Health Department

**Support Agencies:** CDC, WHO

**Mitigation Type:** Public Education and Awareness

**Status:** Completed and on-going.

*Strategy QQ5.1.1:* Coordinate efforts with local media to post advance warnings of hailstorms.

**Timeframe:** On-going  
**Cost Estimate** Coordination with other agencies does not require additional  
(Potential Funding): funding. (N/A)  
**Coordinating Agency** MCOEM  
**Support Agencies:** Local Media Outlets  
**Mitigation Type:** Public Education and Awareness  
**Status:** Completed and on-going.

*Strategy QQ6.1.1:* Coordinate with the National Weather Service (NWS) in Pittsburgh, Pennsylvania to warn residents of impending severe thunderstorm conditions.

**Timeframe:** On-going  
**Cost Estimate** Coordination with other agencies does not require additional  
(Potential Funding): funding. (N/A)  
**Coordinating Agency** MCOEM  
**Support Agencies:** NWS  
**Mitigation Type:** Public Education and Awareness  
**Status:** Completed and on-going.

*Strategy QQ7.1.1:* Coordinate with the NWS in Pittsburgh, Pennsylvania to warn residents of impending severe wind and possible tornado conditions.

**Timeframe:** On-going  
**Cost Estimate** Coordination with other agencies does not require additional  
(Potential Funding): funding. (N/A)  
**Coordinating Agency** MCOEM  
**Support Agencies:** NWS  
**Mitigation Type:** Public Education and Awareness  
**Status:** Completed and on-going.

*Strategy QQ8.1.1:* Continue outfitting and preparing the winter rescue team to ensure that emergency responders can access all parts of the county.

**Timeframe:** On-going  
**Cost Estimate** Up to \$25,000 (HMGP, PDM, DHS, Local funding)  
(Potential Funding):  
**Coordinating Agency** MCOEM  
**Support Agencies:** First Response Agencies.  
**Mitigation Type:** Emergency Services  
**Status:** On-going.

*Strategy QQ9.1.1:* Distribute information concerning the leading causes of wildfires and steps the general public can take to avoid starting wildfires.

**Timeframe:** On-going  
**Cost Estimate** \$750 - \$2,500 (PDM, Local funding)  
(Potential Funding):  
**Coordinating Agency** MCOEM  
**Support Agencies:** WV Division of Forestry, WVDNR  
**Mitigation Type:** Public Education and Awareness  
**Status:** Completed and on-going.

*Strategy QQ9.2.1:* Continue to train and organize local fire service personnel to assist in the investigation of structural fires and the citation of code violations through a certification program made available to local fire chiefs.

**Timeframe:** On-going  
**Cost Estimate** Training opportunities are often provided through the WVU Fire  
(Potential Funding): Service Extension. (N/A)  
**Coordinating Agency** Local FDs  
**Support Agencies:** WVU Fire Service Extension  
**Mitigation Type:** Emergency Services  
**Status:** On-going.

*Strategy QQ9.2.2:* Coordinate with the WVFSM to extend the jurisdiction of deputized fire marshals to a statewide jurisdiction.

**Timeframe:** 5 years

**Cost Estimate** Coordination with other agencies does not require additional

(Potential Funding): funding. (N/A)

**Coordinating Agency** WVFSM

**Mitigation Type:** Emergency Services

**Status:** Unchanged.

*Strategy QQ9.2.3:* Certify police departments, who have arrest powers, to handle arson investigations in place of fire departments, who do not have arrest powers (include a modified version of the State Police Academy to provide such training).

**Timeframe:** 5 years

**Cost Estimate** Project is still in exploration stage, which requires little additional

(Potential Funding): funding.

**Coordinating Agency** Local VFDs

**Support Agencies:** WVSP

**Mitigation Type:** Emergency Services

**Status:** Unchanged.

*Strategy QQ9.3.1:* Facilitate public awareness campaigns aimed at recruiting more volunteers at volunteer fire departments.

**Timeframe:** On-going

**Cost Estimate** \$750 - \$2,500 (PDM, Local funding)

(Potential Funding):

**Coordinating Agency** Local FDs

**Support Agencies:** MCOEM

**Mitigation Type:** Public Education and Awareness

**Status:** Completed and on-going.

*Strategy QQ9.3.3:* Continue public awareness campaigns in schools, etc.

**Timeframe:** On-going  
**Cost Estimate** \$750 - \$2,500 (PDM, Local funding)  
(Potential Funding):  
**Coordinating Agency** Local FDs  
**Support Agencies:** WVFSM  
**Mitigation Type:** Public Education and Awareness  
**Status:** Completed and on-going.

*Strategy QQ10.1.1:* Encourage Allegheny Power to undertake projects to increase the number of feeder lines into rural areas so as to create back-up electricity in the event that one of the feeder lines fails.

**Timeframe:** On-going  
**Cost Estimate** Coordination with other agencies does not require additional  
(Potential Funding): funding. (N/A)  
**Coordinating Agency** County Commission  
**Support Agencies:** MCOEM, Municipal Council  
**Mitigation Type:** Structural Project  
**Status:** Unchanged.

*Strategy QQ10.1.2:* Encourage Allegheny Power to allow employees to take company vehicles home to be available for emergency call-outs in the event of a downed electric line. These actions will free-up local emergency responders who normally monitor the downed line.

**Timeframe:** On-going  
**Cost Estimate** Coordination with other agencies does not require additional  
(Potential Funding): funding. (N/A)  
**Coordinating Agency** County Commission  
**Support Agencies:** MCOEM, Municipal Council  
**Mitigation Type:** Emergency Services  
**Status:** Unchanged.

*Strategy QQ10.2.1:* Encourage representatives from the county's assets (e.g. company leaders, etc.) to draft and distribute guidelines to implement in the event of an HVAC failure.

**Timeframe:** On-going  
**Cost Estimate** Coordination with other agencies does not require additional  
(Potential Funding): funding. (N/A)  
**Coordinating Agency** MCOEM  
**Support Agencies:** Company Leaders  
**Mitigation Type:** Emergency Services  
**Status:** Completed and on-going.

*Strategy QQ10.3.1:* Instate a grant or low-interest loan program to help individual residents finance generators and other back-up electricity systems.

**Timeframe:** 5 years  
**Cost Estimate** Up to \$5,000 (Initial funds could be local funds, grants from non-  
(Potential Funding): profit organizations, etc. Ultimately, funds returned as part of the  
program could be used to finance subsequent years.  
**Coordinating Agency** MCOEM  
**Mitigation Type:** Structural Projects  
**Status:** Unchanged.

*Strategy QQ11.1.1:* Coordinate with local media to announce low resource supplies.

**Timeframe:** On-going  
**Cost Estimate** Coordination with other agencies does not require additional  
(Potential Funding): funding. (N/A)  
**Coordinating Agency** MCOEM  
**Support Agencies:** Local Media Outlets  
**Mitigation Type:** Public Education and Awareness  
**Status:** Completed and on-going.

*Strategy QQ11.1.2:* Coordinate with local media to announce low fuel supplies.

**Timeframe:** On-going  
**Cost Estimate** Coordination with other agencies does not require additional  
(Potential Funding): funding. (N/A)  
**Coordinating Agency** MCOEM  
**Support Agencies:** Local Media Outlets  
**Mitigation Type:** Public Education and Awareness  
**Status:** Completed and on-going.

*Strategy QQ11.1.3:* Increase public knowledge as to resource conservation by distributing information to new and existing customers.

**Timeframe:** On-going  
**Cost Estimate** \$750 - \$2,500 (PDM, Local funding)  
(Potential Funding):  
**Coordinating Agency** MCOEM  
**Mitigation Type:** Public Education and Awareness  
**Status:** Completed and on-going.

*Strategy QQ12.1.1:* Increase security at large gatherings, festivals, sporting events, etc. throughout the county and municipalities. Examples include events at Mylan Park, Mountain Fest, and events at WVU.

**Timeframe:** On-going  
**Cost Estimate** Funding for law enforcement security officers is a part of regular  
(Potential Funding): operating budgets. (N/A)  
**Coordinating Agency** Monongalia County Sheriff's Office  
**Support Agencies** Municipal PDs  
**Mitigation Type:** Emergency Services  
**Status:** Unchanged.

*Strategy QQ13.1.1: Assess the feasibility of cleaning up busy intersections.*

**Timeframe:** On-going  
**Cost Estimate** Assessing feasibility, like coordination, requires little additional  
(Potential Funding): funding.  
**Coordinating Agency** MPO  
**Support Agencies:** WVDOH  
**Mitigation Type:** Emergency Services  
**Status:** Completed and on-going.

*Strategy QQ13.1.2: Evaluate railroad and roadway intersections for warning systems, etc.*

**Timeframe:** On-going  
**Cost Estimate** Evaluating systems, like coordination, requires little additional  
(Potential Funding): funding. (N/A)  
**Coordinating Agency** MPO  
**Support Agencies:** CSX, Norfolk & Western  
**Mitigation Type:** Emergency Services  
**Status:** Completed and on-going.

*Strategy QQ13.2.1: Publicize evacuation plans.*

**Timeframe:** On-going  
**Cost Estimate** This project could be accomplished through existing public  
(Potential Funding): information campaigns.  
**Coordinating Agency** MCOEM  
**Mitigation Type:** Public Education and Awareness  
**Status:** Completed and on-going.

*Strategy QQ13.2.2:* Facilitate the creation of safe zones as places where residents can go in the event of a hazardous material incident. Further, publicize the location and access to these safe zones.

**Timeframe:** On-going

**Cost Estimate** This project is essentially a planning item which, by itself, should not  
(Potential Funding): require additional funding. (N/A)

**Coordinating Agency** MCOEM

**Support Agencies:** LEPC

**Mitigation Type:** Emergency Services

**Status:** Completed and on-going.

*Strategy QQ14.1.1:* Encourage schools to adopt and/or upgrade procedural and evacuation plans in the event of a bomb threat.

**Timeframe:** On-going

**Cost Estimate** Schools are already planning; these additional measures would  
(Potential Funding): require no additional costs. (N/A)

**Coordinating Agency** Monongalia County Schools

**Support Agencies:** MCOEM

**Mitigation Type:** Emergency Services

**Status:** Completed and on-going.

*Strategy QQ14.2.2:* Establish trauma centers to offer medical attention and counseling to affected populations in the event of a bomb explosion.

**Timeframe:** On-going

**Cost Estimate** This project is essentially a planning item which, by itself, should not  
(Potential Funding): require additional funding. (N/A)

**Coordinating Agency** MCOEM

**Support Agencies:** Monongalia County Health Department

**Mitigation Type:** Emergency Services

**Status:** Unchanged.

*Strategy QQ14.3.1:* Increase the knowledge of the general public concerning preparedness through the preparation of informational brochures, town meetings, training seminars, etc.

**Timeframe:** On-going

**Cost Estimate** \$750 - \$2,500 (PDM, Local funding)

(Potential Funding):

**Coordinating Agency** MCOEM

**Support Agencies:** LEPC

**Mitigation Type:** Public Education and Awareness

**Status:** Completed and on-going.

*Strategy QQ14.4.1:* Establish trauma centers to offer medical attention and counseling to affected populations in the event of a terrorist event.

**Timeframe:** On-going

**Cost Estimate** This project is essentially a planning item which, by itself, should not

(Potential Funding): require additional funding. (N/A)

**Coordinating Agency** MCOEM

**Support Agencies:** Monongalia County Health Department

**Mitigation Type:** Emergency Services

**Status:** Completed and on-going.

*Strategy QQ14.5.1:* Coordinate with first responders for interagency cooperation to assist in collaborative planning.

**Timeframe:** On-going

**Cost Estimate** Coordination with other agencies does not require additional

(Potential Funding): funding. (N/A)

**Coordinating Agency** MCOEM

**Support Agencies:** Local First Responders

**Mitigation Type:** Emergency Services

**Status:** Completed and on-going.

Strategy QQ14.5.2: Continue education and training efforts of first responders and emergency personnel.

**Timeframe:** On-going

**Cost Estimate** \$750 - \$2,500 (PDM, Local funding)

(Potential Funding):

**Coordinating Agency** MCOEM

**Support Agencies:** Local FDs, Local PDs, LEPC

**Mitigation Type:** Emergency Services

**Status:** Completed and on-going.

WHITE HALL, TOWN OF

*Strategy RR1.1.1:* Use municipal regulations as models to develop a countywide permitting process to supplement the measures taken by lending institutions to monitor new construction in the floodplain.

**Timeframe:** 1 year

**Cost Estimate** No additional funding necessary; however, there may be  
**(Potential Funding):** administrative costs associated with code enforcement. (N/A)

**Coordinating Agency** Municipal Council, County Commission

**Support Agencies:** Office of Planning and Development

**Mitigation Type:** Prevention

**Status:** Completed and on-going.

*Strategy RR1.2.1:* Continue to educate faculty and staff at schools on NOAA radio usage.

**Timeframe:** On-going

**Cost Estimate** Continued training should not require additional funding. (N/A)  
**(Potential Funding):**

**Coordinating Agency** Local Emergency Planning Committee (LEPC)

**Support Agencies:** Board of Education

**Mitigation Type:** Public Education and awareness

**Status:** On-going.

*Strategy RR1.3.1:* Coordinate with the Soil Conservation Service to continue updating the map showing areas that would be affected by a dam failure.

**Timeframe:** 2 years

**Cost Estimate** Coordination requires little to no additional funding. (SCS)  
**(Potential Funding):**

**Coordinating Agency** Municipal Council, County Commission

**Support Agencies:** LEPC

**Mitigation Type:** Emergency Services

**Status:** On-going.

*Strategy RR2.1.1:* Update resource list of contracts with snow removal agencies.

**Timeframe:** 1 year

**Cost Estimate** No immediate additional funding necessary. (N/A)

(Potential Funding):

**Coordinating Agency** County Commission

**Support Agencies:** WVDOH, Municipal Councils

**Mitigation Type:** Emergency Services, Prevention

**Status:** On-going.

*Strategy RR3.1.1:* Establish procedures with companies to clean up material from a landslide quickly and to monitor areas of high risk.

**Timeframe:** On-going

**Cost Estimate** Promotion of the concept can be done as municipal building permits

(Potential Funding): are issued. (N/A)

**Coordinating Agency** Municipal Town Councils

**Support Agencies:** Cleanup Companies

**Mitigation Type:** Property Protection

**Status:** On-going.

*Strategy RR3.2.1:* Coordinate with WVDOH to monitor this slippage.

**Timeframe:** On-going

**Cost Estimate** Monitoring should require little to no additional funding. (FSU)

(Potential Funding):

**Coordinating Agency** WVDOH

**Support Agencies:** FSU

**Mitigation Type:** Emergency Services

**Status:** On-going.

*Strategy RR4.1.1:* Continue to coordinate with the National Weather Service in Pittsburgh, Pennsylvania to warn residents of impending severe thunderstorm conditions.

**Timeframe:** 6 months

**Cost Estimate** No additional funding required. (N/A)

(Potential Funding):

**Coordinating Agency** LEPC

**Support Agencies:** National Weather Service

**Mitigation Type:** Public Education and Awareness

**Status:** Completed and on-going.

*Strategy RR4.1.2:* Continue to monitor and maintain the three (3) rain gauges installed at strategic points throughout the county. Use these gauges in conjunction with the new weather station to monitor current and developing weather incidents.

**Timeframe:** 1 year

**Cost Estimate** Maintenance and monitoring should require little to no additional

(Potential Funding): funding. (Local funding)

**Coordinating Agency** Municipal Council, County Commission

**Support Agencies:** Local PSDs

**Mitigation Type:** Public Education and Awareness

**Status:** On-going.

*Strategy RR5.1.2:* Develop plans and schedules with the Department of Agriculture to haul water to residents during drought conditions.

**Timeframe:** 1 year

**Cost Estimate** No additional funding required. (N/A)

(Potential Funding):

**Coordinating Agency** LEPC

**Support Agencies:** Local VFDs

**Mitigation Type:** Prevention

**Status:** Unchanged.

*Strategy RR6.1.1:* Equip shelter facilities to provide back-up power.

**Timeframe:** 2 years  
**Cost Estimate** Upwards of \$25,000 each – size dependent. (PDM)  
(Potential Funding):  
**Coordinating Agency** LEPC  
**Support Agencies:** MCDHSEM, VFDs  
**Mitigation Type:** Structural Project, Prevention  
**Status:** On-going.

*Strategy RR6.1.2:* Maintain and update the early warning systems that are in place throughout the county.

**Timeframe:** On-going  
**Cost Estimate** No additional funding is required. (N/A)  
(Potential Funding):  
**Coordinating Agency** LEPC  
**Support Agencies:** MCDHSEM  
**Mitigation Type:** Public Education and Awareness  
**Status:** Unchanged.

*Strategy RR6.1.3:* Undertake additional planning efforts to measure Marion County's susceptibility to technological and man-made hazards.

**Timeframe:** 1 year  
**Cost Estimate** Studies could cost between \$2,000 and \$7,500 depending on the  
(Potential Funding): scope. (DOJ-ODP, PDM, Local funding)  
**Coordinating Agency** LEPC  
**Support Agencies:** Office of Planning and Development, Municipal Councils  
**Mitigation Type:** Emergency Services  
**Status:** On-going.

WORTHINGTON, TOWN OF

*Strategy SS1.1.1:* Use municipal regulations as models to develop a countywide permitting process to supplement the measures taken by lending institutions to monitor new construction in the floodplain.

**Timeframe:** 1 year

**Cost Estimate** No additional funding necessary; however, there may be  
(Potential Funding): administrative costs associated with code enforcement. (N/A)

**Coordinating Agency** Municipal Council, County Commission

**Support Agencies:** Office of Planning and Development

**Mitigation Type:** Prevention

**Status:** Completed and on-going.

*Strategy SS1.2.1:* Continue to educate faculty and staff at schools on NOAA radio usage.

**Timeframe:** On-going

**Cost Estimate** Continued training should not require additional funding. (N/A)  
(Potential Funding):

**Coordinating Agency** Local Emergency Planning Committee (LEPC)

**Support Agencies:** Board of Education

**Mitigation Type:** Public Education and awareness

**Status:** On-going.

*Strategy SS1.3.1:* Coordinate with the Soil Conservation Service to continue updating the map showing areas that would be affected by a dam failure.

**Timeframe:** 2 years

**Cost Estimate** Coordination requires little to no additional funding. (SCS)  
(Potential Funding):

**Coordinating Agency** Municipal Council, County Commission

**Support Agencies:** LEPC

**Mitigation Type:** Emergency Services

**Status:** On-going.

*Strategy SS2.1.1:* Update resource list of contracts with snow removal agencies.

**Timeframe:** 1 year  
**Cost Estimate** No immediate additional funding necessary. (N/A)  
**(Potential Funding):**  
**Coordinating Agency** County Commission  
**Support Agencies:** WVDOH, Municipal Councils  
**Mitigation Type:** Emergency Services, Prevention  
**Status:** On-going.

*Strategy SS3.1.1:* Establish procedures with companies to clean up material from a landslide quickly and to monitor areas of high risk.

**Timeframe:** On-going  
**Cost Estimate** Promotion of the concept can be done as municipal building permits  
**(Potential Funding):** are issued. (N/A)  
**Coordinating Agency** Municipal Town Councils  
**Support Agencies:** Cleanup Companies  
**Mitigation Type:** Property Protection  
**Status:** On-going.

*Strategy SS4.1.1:* Continue to coordinate with the National Weather Service in Pittsburgh, Pennsylvania to warn residents of impending severe thunderstorm conditions.

**Timeframe:** 6 months  
**Cost Estimate** No additional funding required. (N/A)  
**(Potential Funding):**  
**Coordinating Agency** LEPC  
**Support Agencies:** National Weather Service  
**Mitigation Type:** Public Education and Awareness  
**Status:** Completed and on-going.

*Strategy SS4.1.2:* Continue to monitor and maintain the three (3) rain gauges installed at strategic points throughout the county. Use these gauges in conjunction with the new weather station to monitor current and developing weather incidents.

**Timeframe:** 1 year

**Cost Estimate** Maintenance and monitoring should require little to no additional  
(Potential Funding): funding. (Local funding)

**Coordinating Agency** Municipal Council, County Commission

**Support Agencies:** Local PSDs

**Mitigation Type:** Public Education and Awareness

**Status:** On-going.

*Strategy SS5.1.2:* Develop plans and schedules with the Department of Agriculture to haul water to residents during drought conditions.

**Timeframe:** 1 year

**Cost Estimate** No additional funding required. (N/A)  
(Potential Funding):

**Coordinating Agency** LEPC

**Support Agencies:** Local VFDs

**Mitigation Type:** Prevention

**Status:** Unchanged.

*Strategy SS6.1.1:* Equip shelter facilities to provide back-up power.

**Timeframe:** 2 years

**Cost Estimate** Upwards of \$25,000 each – size dependent. (PDM)  
(Potential Funding):

**Coordinating Agency** LEPC

**Support Agencies:** MCDHSEM, VFDs

**Mitigation Type:** Structural Project, Prevention

**Status:** On-going.

*Strategy SS6.1.2:* Maintain and update the early warning systems that are in place throughout the county.

**Timeframe:** On-going

**Cost Estimate** No additional funding is required. (N/A)

(Potential Funding):

**Coordinating Agency** LEPC

**Support Agencies:** MCDHSEM

**Mitigation Type:** Public Education and Awareness

**Status:** Unchanged.

*Strategy SS6.1.3:* Undertake additional planning efforts to measure Marion County's susceptibility to technological and man-made hazards.

**Timeframe:** 1 year

**Cost Estimate** Studies could cost between \$2,000 and \$7,500 depending on the

(Potential Funding): scope. (DOJ-ODP, PDM, Local funding)

**Coordinating Agency** LEPC

**Support Agencies:** Office of Planning and Development, Municipal Councils

**Mitigation Type:** Emergency Services

**Status:** On-going.

### 3.3 IMPLEMENTATION OF MITIGATION ACTIONS

§201.6(c)(3)(iii) [The mitigation strategy section shall include] an action plan describing how the actions identified in section (c)(3)(ii) will be prioritized, implemented, and administered by the local jurisdiction. Prioritization shall include a special emphasis on the extent to which benefits are maximized according to a cost benefit review of the proposed projects and their associated costs.

This section identifies the priority for implementing the projects identified in Sections 3.1 and 3.2. Each current project is listed with a “primary coordinator” in Section 3.2 that should be responsible for the overall implementation of the project.

Project (i.e., strategy) prioritization occurred in two (2) phases. First, the categories were considered against the following criteria (i.e., the STAPLEE method). It should be noted that a jurisdiction may have multiple highly-ranked projects.

- **Social Impacts:** Consider whether the public would support implementation of the project. If so, priority likely rises.
- **Technical Feasibility:** Consider whether the project can be done and if it will yield the intended outcomes. If yes, priority would likely rise.
- **Administrative Requirements:** Consider the staffing, funding, and maintenance requirements of the project. If current capabilities can successfully manage and sustain the project, priority would be strengthened.
- **Political Impacts:** Consider the acceptability of the project from the political frame. If it is likely to cause political upheaval, it would receive a lower priority.
- **Legal Ramifications:** Consider whether the project can be lawfully implemented. If not, the project cannot be listed.
- **Environmental Impacts:** Consider whether there would be negative consequences to environmental assets should the project be implemented. If assets are impact, priority would be likely to fall.
- **Economic Impacts/Cost Benefit:** A brief “benefit cost review” per Federal Emergency Management Agency (FEMA) Publication 386-5: Using Benefit Cost Review in Mitigation Planning was conducted for each project to determine the “pros” and “cons” of each project as it related to project prioritization. Maximizing the use of available funds would positively affect a project’s priority.

Secondly, county representatives looked at the list to ensure that those ranked highly would indeed yield an immediate positive impact upon implementation. Those that were determined to do so kept their high priority; those that did not were re-prioritized.

\*NOTE: The cost benefit review referenced in the Final Rule cannot be completed as it has not been released by the US Department of Homeland Security/Federal Emergency Management Agency (DHS/FEMA).

REGION VI PLANNING & DEVELOPMENT COUNCIL AREA

Project Number	Strategy	Priority
1.1.1	Maintain compliance with the National Flood Insurance Program (NFIP) at the jurisdictional level by attending training, monitoring development, and ensuring that local floodplain regulations are as current and applicable as possible.	1
1.1.2	Undertake buyout, elevation, and/or relocation projects in the Region VI Planning and Development Council area when and if funding is available.	1
2.1.1	Coordinate, as appropriate, with partners throughout the region to identify the location of privately-owned dams.	2
3.1.1	Undertake public outreach campaigns that better describe the risk to such hazards as earthquakes, severe wind, wildfires, etc.	3
3.2.1	Coordinate with critical facilities throughout the region to ensure access to National Oceanic and Atmospheric Administration (NOAA) all-hazard radios.	3
3.2.2	Ensure coordination with the National Weather Service (NWS) to enhance warnings of impending severe weather.	3

ALBRIGHT, TOWN OF

Project Number	Strategy	Priority
A1.1.2	Conduct acquisition and relocation projects in the Town of Albright, and adopt ordinances that limit development in the floodplain.	1

ANMOORE, TOWN OF

Project Number	Strategy	Priority
B1.1.1	Amend floodplain ordinance for compliance with the NFIP regulations.	1

Project Number	Strategy	Priority
B1.1.2	Establish procedure to amend ordinances as NFIP regulations change.	2
B1.1.3	Establish a public education process for utilities, businesses, and residences regarding floodplain management.	1
B1.1.4	Continuation of acquisition and demolition of Federal Emergency Management Agency (FEMA)-identified repetitive loss structures.	1
B1.1.5	Revise subdivision regulations to require provision for open space on land that is in the floodplain.	1
B1.1.6	Continue and expand the intergovernmental agreement process between the county and municipalities in order to provide floodplain management by a certified floodplain manager.	1
B1.1.7	Design and implement a countywide housing rehab program which addresses code violations, elevation, and flooding.	1
B2.1.1	Adopt and enforce the state building code.	1
B3.1.1	Adopt and enforce the state building code.	1
B4.1.1	Establish a county fire board in order to provide a mechanism for county residents to obtain fire hydrants and other fire suppression tools.	1
B5.1.1	Continue and expand the intergovernmental agreement process between the county, municipalities, and other public agencies to encourage cooperation, to eliminate duplication of duties to provide cost-effective services to citizens.	1

BARRACKVILLE, TOWN OF

Project Number	Strategy	Priority
C1.1.1	Use municipal regulations as models to develop a countywide permitting process to supplement the measures taken by lending institutions to monitor new construction in the floodplain.	1
C1.2.1	Continue to educate faculty and staff at schools on National Oceanic and Atmospheric Administration (NOAA) radio usage.	2
C1.3.1	Coordinate with the Soil Conservation Service to continue updating the map showing areas that would be affected by a dam failure.	2
C2.1.1	Update resource list of contracts with snow removal agencies.	3
C3.1.1	Establish procedures with companies to clean up material from a landslide quickly and to monitor areas of high risk.	4
C4.1.1	Continue to coordinate with the National Weather Service in Pittsburgh, Pennsylvania to warn residents of impending severe thunderstorm conditions.	3

Project Number	Strategy	Priority
<b>C4.1.2</b>	Continue to monitor and maintain the three (3) rain gauges installed at strategic points throughout the county. Use these gauges in conjunction with the new weather station to monitor current and developing weather incidents.	<b>5</b>
<b>C5.1.2</b>	Develop plans and schedules with the Department of Agriculture to haul water to residents during drought conditions.	<b>5</b>
<b>C6.1.1</b>	Equip shelter facilities to provide back-up power.	<b>3</b>
<b>C6.1.2</b>	Maintain and update the early warning systems that are in place throughout the county.	<b>2</b>
<b>C6.1.3</b>	Undertake additional planning efforts to measure Marion County's susceptibility to technological and man-made hazards.	<b>5</b>

BLACKSVILLE, TOWN OF

Project Number	Strategy	Priority
<b>D1.1.2</b>	Educate local residents on the benefits of conserving water at all times, not just during a drought.	<b>1</b>
<b>D2.1.1</b>	Develop an informational brochure explaining the potential for earthquakes as well as the potential damages from those earthquakes. The brochure should include information on measures to take to safe-proof homes and other structures from the potential effects of earthquakes.	<b>1</b>
<b>D3.1.1</b>	Educate the public as to the benefits of building codes and overall community and land use planning as well as advantages to mitigation planning.	<b>1</b>
<b>D3.1.2</b>	Strictly enforce ground disturbance permitting regulations, such as new MS4 requirements, in municipal and county jurisdictions.	<b>4</b>
<b>D3.2.1</b>	Undertake active re-vegetation and other storm water programs to cover areas of bare ground that may be susceptible to erosion.	<b>5</b>
<b>D4.1.1</b>	Produce public awareness campaigns via various local media outlets.	<b>1</b>
<b>D5.1.1</b>	Coordinate efforts with local media to post advance warnings of hailstorms.	<b>2</b>
<b>D6.1.1</b>	Coordinate with the National Weather Service (NWS) in Pittsburgh, Pennsylvania to warn residents of impending severe thunderstorm conditions.	<b>2</b>
<b>D7.1.1</b>	Coordinate with the NWS in Pittsburgh, Pennsylvania to warn residents of impending severe wind and possible tornado conditions.	<b>2</b>
<b>D8.1.1</b>	Continue outfitting and preparing the winter rescue team to ensure that emergency responders can access all parts of the county.	<b>5</b>
<b>D9.1.1</b>	Distribute information concerning the leading causes of wildfires and steps the general public can take to avoid starting wildfires.	<b>1</b>

Project Number	Strategy	Priority
D9.2.1	Continue to train and organize local fire service personnel to assist in the investigation of structural fires and the citation of code violations through a certification program made available to local fire chiefs.	5
D9.2.2	Coordinate with the West Virginia State Fire Marshal (WVSFM) to extend the jurisdiction of deputized fire marshals to a statewide jurisdiction.	5
D9.2.3	Certify police departments, who have arrest powers, to handle arson investigations in place of fire departments, who do not have arrest powers (include a modified version of the State Police Academy to provide such training).	5
D9.3.1	Facilitate public awareness campaigns aimed at recruiting more volunteers at volunteer fire departments.	1
D9.3.3	Continue public awareness campaigns in schools, etc.	1
D10.1.1	Encourage Allegheny Power to undertake projects to increase the number of feeder lines into rural areas so as to create back-up electricity in the event that one of the feeder lines fails.	3
D10.1.2	Encourage Allegheny Power to allow employees to take company vehicles home to be available for emergency call-outs in the event of a downed electric line. These actions will free-up local emergency responders who normally monitor the downed line.	3
D10.2.1	Encourage representatives from the county's assets (e.g. company leaders, etc.) to draft and distribute guidelines to implement in the event of a Heating Ventilation, and Air Conditioning (HVAC) failure.	3
D10.3.1	Instate a grant or low-interest loan program to help individual residents finance generators and other back-up electricity systems.	5
D11.1.1	Coordinate with local media to announce low resource supplies.	2
D11.1.2	Coordinate with local media to announce low fuel supplies.	2
D11.1.3	Increase public knowledge as to resource conservation by distributing information to new and existing customers.	1
D12.1.1	Assess the feasibility of cleaning up busy intersections.	3
D12.1.2	Evaluate railroad and roadway intersections for warning systems, etc.	3
D12.2.1	Publicize evacuation plans.	5
D12.2.2	Facilitate the creation of safe zones as places where residents can go in the event of a hazardous material incident. Further, publicize the location and access to these safe zones.	5
D13.1.1	Encourage schools to adopt and/or upgrade procedural and evacuation plans in the event of a bomb threat.	3
D13.2.2	Establish trauma centers to offer medical attention and counseling to affected populations in the event of a bomb explosion.	5

Project Number	Strategy	Priority
D13.3.1	Increase the knowledge of the general public concerning preparedness through the preparation of informational brochures, town meetings, training seminars, etc.	1
D13.4.1	Establish trauma centers to offer medical attention and counseling to affected populations in the event of a terrorist event.	5
D13.5.1	Coordinate with first responders for interagency cooperation to assist in collaborative planning.	3
D13.5.2	Continue education and training efforts of first responders and emergency personnel.	1

BRANDONVILLE, TOWN OF

Project Number	Strategy	Priority
E1.1.1	Encourage the use of National Oceanic and Atmospheric Administration (NOAA) weather radios, which continuously broadcasts National Weather Service forecasts among residents in Brandonville.	1

BRIDGEPORT, CITY OF

Project Number	Strategy	Priority
F1.1.1	Amend floodplain ordinance for compliance with the NFIP regulations.	1
F1.1.2	Establish procedure to amend ordinances as NFIP regulations change.	2
F1.1.3	Establish a public education process for utilities, businesses, and residences regarding floodplain management.	1
F1.1.4	Continuation of acquisition and demolition of FEMA-identified repetitive loss structures.	1
F1.1.5	Revise subdivision regulations to require provision for open space on land that is in the floodplain.	1
F1.1.6	Continue and expand the intergovernmental agreement process between the county and municipalities in order to provide floodplain management by a certified floodplain manager.	1
F1.1.7	Design and implement a countywide housing rehab program which addresses code violations, elevation, and flooding.	1
F1.1.8	Undertake further flood-proofing of the Bridgeport Fire Department.	2
F2.1.1	Adopt and enforce the state building code.	1
F2.1.2	Encourage the placement of utility lines underground for critical facilities.	1

Project Number	Strategy	Priority
F2.1.3	Encourage tree trimming adjacent to utilities.	1
F3.1.1	Adopt and enforce the state building code.	1
F4.1.1	Establish a county fire board in order to provide a mechanism for county residents to obtain fire hydrants and other fire suppression tools.	1
F5.1.1	Prepare annual updates of dam assessments in accordance with state law.	2
F5.1.2	Explore state, federal, and private funding sources for dam rehabilitation.	1
F6.1.1	Continue and expand the intergovernmental agreement process between the county, municipalities, and other public agencies to encourage cooperation, to eliminate duplication of duties to provide cost-effective services to citizens.	1

BRUCETON MILLS, TOWN OF

Project Number	Strategy	Priority
G1.1.1	Clean Big Sandy Creek and its floodplain, clearing log jams, trees and shrubs, and sediment bars.	1

CLARKSBURG, CITY OF

Project Number	Strategy	Priority
H1.1.1	Amend floodplain ordinance for compliance with the NFIP regulations.	1
H1.1.2	Establish procedure to amend ordinances as NFIP regulations change.	2
H1.1.3	Establish a public education process for utilities, businesses, and residences regarding floodplain management.	1
H1.1.4	Continuation of acquisition and demolition of FEMA-identified repetitive loss structures.	1
H1.1.5	Revise subdivision regulations to require provision for open space on land that is in the floodplain.	1
H1.1.6	Continue and expand the intergovernmental agreement process between the county and municipalities in order to provide floodplain management by a certified floodplain manager.	1
H1.1.7	Design and implement a countywide housing rehab program which addresses code violations, elevation, and flooding.	1
H2.1.1	Adopt and enforce the state building code.	1

Project Number	Strategy	Priority
H3.1.1	Adopt and enforce the state building code.	1
H4.1.1	Establish a county fire board in order to provide a mechanism for county residents to obtain fire hydrants and other fire suppression tools.	1
H5.1.1	Continue and expand the intergovernmental agreement process between the county, municipalities, and other public agencies to encourage cooperation, to eliminate duplication of duties to provide cost-effective services to citizens.	1

DODDRIDGE COUNTY

Project Number	Strategy	Priority
I1.2.1	Extend public water and sewer service to communities currently without service.	22
I2.1.1	Develop an informational brochure explaining the potential for earthquakes, as well as the potential damages from those earthquakes. The brochure should include information pertaining to measures to take to safe-proof homes and other structures from the potential effects of earthquakes.	9
I2.1.2	Encourage the implementation of structural mitigation techniques such as wall bracing, reinforcing walls with fiber materials, the installation of dampers or vibration isolation bearings in new construction.	19
I3.1.1	Instate a countywide permitting process, which will require residents and/or developers to file a permit with the county before beginning any new construction as a means of regulating floodplain development.	16
I3.2.1	Clean portions of Middle Island Creek and its floodplain, clearing log jams, trees and shrubs, and sediment bars.	17
I3.3.1	Conduct acquisition and/or relocation projects in frequently flooded portions of the county.	25
I3.3.2	Participate in the Community Rating System (CRS), and join the National Flood Insurance Program (NFIP) to reduce flood insurance rates.	4
I4.1.1	Coordinate efforts with the local media to post advance warnings of hailstorms.	6
I4.1.2	Encourage the use of NOAA weather radios among residents that continuously broadcast National Weather Service (NWS) forecasts and provide direct warnings to the public for natural, technological, and man-made hazards.	11
I4.2.1	Encourage the use of laminated glass in window panes during all new construction.	14
I5.1.1	Reduce the amount of landslides in Doddridge County by monitoring clear-cutting operations.	23

Project Number	Strategy	Priority
I5.1.2	Decrease the number of landslide occurrences around oil and gas wells by monitoring the location of the wells and drilling practices.	24
I5.2.1	Strategically place stabilization walls in slip-prone areas along county highways.	12
I5.2.2	Reduce the amount of debris on roadways resulting from landslides by erecting safety fences along highways near slip-prone areas.	7
I6.1.1	Coordinate with the National Weather Service (NWS) to warn residents of impending severe thunderstorm conditions.	5
I6.1.3	Encourage authorized individuals to use the Emergency Alert System (EAS) on commercial radio, television, and cable systems to send out emergency information targeted to specific areas.	8
I6.2.1	Coordinate with the power company to periodically trim trees near power lines to prevent limb breakage and power failures.	18
I7.1.1	Coordinate with the National Weather Service and local media to warn residents of impending severe winds and possible tornado conditions.	1
I7.2.1	Reduce the risk of mobile home damage by suggesting the use of tie-downs with ground anchors appropriate for the soil type.	20
I7.3.1	Assess the number, location, strength, and ability of shelters to house residents and withstand high wind speeds. Consider constructing concrete safe rooms near mobile home parks, and other vulnerable public areas.	21
I8.1.1	Coordinate with local private contractors to develop mutual aid agreements for emergency snow removal.	10
I9.1.1	Develop and distribute an informational brochure to distribute to local residents.	3
I10.1.1	Distribute information concerning the leading causes of wildfires and steps the general public can take to avoid starting wildfires.	2
I10.1.2	Encourage residents in rural areas to inspect and clean their chimneys at least once a year.	15
I10.1.3	Encourage residents and businesses to maintain their property in or near forested areas (including short grass; thinned trees and removal of low hanging branches, cleaning of dead or dry leaves, needles, twigs, etc.), and to create a buffer zone (defensible space) between structures and adjacent forests.	13

FAIRMONT, CITY OF

Project Number	Strategy	Priority
J1.1.1	Use municipal regulations as models to develop a countywide permitting process to supplement the measures taken by lending institutions to monitor new construction in the floodplain.	1
J1.2.1	Continue to educate faculty and staff at schools on NOAA radio usage.	2

Project Number	Strategy	Priority
J1.3.1	Coordinate with the Soil Conservation Service to continue updating the map showing areas that would be affected by a dam failure.	2
J2.1.1	Update resource list of contracts with snow removal agencies.	3
J3.1.1	Identify and make all private sector resources available in concert with the LEPC Resource Manual.	5
J10.1.6	Undertake additional planning efforts to measure Fairmont's susceptibility to technological and man-made hazards.	5

FAIRVIEW, TOWN OF

Project Number	Strategy	Priority
K1.1.1	Use municipal regulations as models to develop a countywide permitting process to supplement the measures taken by lending institutions to monitor new construction in the floodplain.	1
K1.2.1	Continue to educate faculty and staff at schools on NOAA radio usage.	2
K1.3.1	Coordinate with the Soil Conservation Service to continue updating the map showing areas that would be affected by a dam failure.	2
K2.1.1	Update resource list of contracts with snow removal agencies.	3
K3.1.1	Establish procedures with companies to clean up material from a landslide quickly and to monitor areas of high risk.	4
K4.1.1	Continue to coordinate with the National Weather Service in Pittsburgh, Pennsylvania to warn residents of impending severe thunderstorm conditions.	3
K4.1.2	Continue to monitor and maintain the three (3) rain gauges installed at strategic points throughout the county. Use these gauges in conjunction with the new weather station to monitor current and developing weather incidents.	5
K5.1.2	Develop plans and schedules with the Department of Agriculture to haul water to residents during drought conditions.	5
K6.1.1	Equip shelter facilities to provide back-up power.	3
K6.1.2	Maintain and update the early warning systems that are in place throughout the county.	2
K6.1.3	Undertake additional planning efforts to measure Marion County's susceptibility to technological and man-made hazards.	5

FARMINGTON, TOWN OF

Project Number	Strategy	Priority
L1.1.1	Use municipal regulations as models to develop a countywide permitting process to supplement the measures taken by lending institutions to monitor new construction in the floodplain.	1
L1.2.1	Continue to educate faculty and staff at schools on NOAA radio usage.	2
L1.3.1	Coordinate with the Soil Conservation Service to continue updating the map showing areas that would be affected by a dam failure.	2
L2.1.1	Update resource list of contracts with snow removal agencies.	3
L3.1.1	Establish procedures with companies to clean up material from a landslide quickly and to monitor areas of high risk.	4
L4.1.1	Continue to coordinate with the National Weather Service in Pittsburgh, Pennsylvania to warn residents of impending severe thunderstorm conditions.	3
L4.1.2	Continue to monitor and maintain the three (3) rain gauges installed at strategic points throughout the county. Use these gauges in conjunction with the new weather station to monitor current and developing weather incidents.	5
L5.1.2	Develop plans and schedules with the Department of Agriculture to haul water to residents during drought conditions.	5
L6.1.1	Equip shelter facilities to provide back-up power.	3
L6.1.2	Maintain and update the early warning systems that are in place throughout the county.	2
L6.1.3	Undertake additional planning efforts to measure Marion County's susceptibility to technological and man-made hazards.	5

FLEMINGTON, TOWN OF

Project Number	Strategy	Priority
M1.1.2	Develop and conduct acquisition and relocation projects.	2
M1.1.3	Collect updated information of the number and location of all repetitive loss properties throughout the Town of Flemington.	1

GRAFTON, CITY OF

Project Number	Strategy	Priority
N1.1.1	Encourage schools to instate and/or update procedural and evacuation plans in the event of a bomb threat.	1
N2.1.1	Identify the areas of City of Grafton that would be severely flooded in the event of a severe failure of the Tygart Lake Dam, and develop zoning regulations that disallow future development in those areas.	2
N3.1.2	Develop and conduct acquisition and relocation projects.	3

GRANT TOWN, TOWN OF

Project Number	Strategy	Priority
O1.1.1	Use municipal regulations as models to develop a countywide permitting process to supplement the measures taken by lending institutions to monitor new construction in the floodplain.	1
O1.2.1	Continue to educate faculty and staff at schools on NOAA radio usage.	2
O1.3.1	Coordinate with the Soil Conservation Service to continue updating the map showing areas that would be affected by a dam failure.	2
O2.1.1	Update resource list of contracts with snow removal agencies.	3
O3.1.1	Establish procedures with companies to clean up material from a landslide quickly and to monitor areas of high risk.	4
O4.1.1	Continue to coordinate with the National Weather Service in Pittsburgh, Pennsylvania to warn residents of impending severe thunderstorm conditions.	3
O4.1.2	Continue to monitor and maintain the three (3) rain gauges installed at strategic points throughout the county. Use these gauges in conjunction with the new weather station to monitor current and developing weather incidents.	5
O5.1.2	Develop plans and schedules with the Department of Agriculture to haul water to residents during drought conditions.	5
O6.1.1	Equip shelter facilities to provide back-up power.	3
O6.1.2	Maintain and update the early warning systems that are in place throughout the county.	2
O6.1.3	Undertake additional planning efforts to measure Marion County's susceptibility to technological and man-made hazards.	5

GRANVILLE, TOWN OF

<b>Project Number</b>	<b>Strategy</b>	<b>Priority</b>
<b>P1.1.1</b>	Educate local residents on the benefits of conserving water at all times, not just during a drought.	<b>1</b>
<b>P2.1.1</b>	Develop an informational brochure explaining the potential for earthquakes as well as the potential damages from those earthquakes. The brochure should include information on measures to take to safe-proof homes and other structures from the potential effects of earthquakes.	<b>1</b>
<b>P3.1.1</b>	Educate the public as to the benefits of building codes and overall community and land use planning as well as advantages to mitigation planning.	<b>1</b>
<b>P3.1.2</b>	Strictly enforce ground disturbance permitting regulations, such as new MS4 requirements, in municipal and county jurisdictions.	<b>4</b>
<b>P3.2.1</b>	Undertake active re-vegetation and other storm water programs to cover areas of bare ground that may be susceptible to erosion.	<b>5</b>
<b>P4.1.1</b>	Produce public awareness campaigns via various local media outlets.	<b>1</b>
<b>P5.1.1</b>	Coordinate efforts with local media to post advance warnings of hailstorms.	<b>2</b>
<b>P6.1.1</b>	Coordinate with the National Weather Service (NWS) in Pittsburgh, Pennsylvania to warn residents of impending severe thunderstorm conditions.	<b>2</b>
<b>P7.1.1</b>	Coordinate with the NWS in Pittsburgh, Pennsylvania to warn residents of impending severe wind and possible tornado conditions.	<b>2</b>
<b>P8.1.1</b>	Continue outfitting and preparing the winter rescue team to ensure that emergency responders can access all parts of the county.	<b>5</b>
<b>P9.1.1</b>	Distribute information concerning the leading causes of wildfires and steps the general public can take to avoid starting wildfires.	<b>1</b>
<b>P9.2.1</b>	Continue to train and organize local fire service personnel to assist in the investigation of structural fires and the citation of code violations through a certification program made available to local fire chiefs.	<b>5</b>
<b>P9.2.2</b>	Coordinate with the WVFSM to extend the jurisdiction of deputized fire marshals to a statewide jurisdiction.	<b>5</b>
<b>P9.2.3</b>	Certify police departments, who have arrest powers, to handle arson investigations in place of fire departments, who do not have arrest powers (include a modified version of the State Police Academy to provide such training).	<b>5</b>
<b>P9.3.1</b>	Facilitate public awareness campaigns aimed at recruiting more volunteers at volunteer fire departments.	<b>1</b>
<b>P9.3.3</b>	Continue public awareness campaigns in schools, etc.	<b>1</b>

Project Number	Strategy	Priority
P10.1.1	Encourage Allegheny Power to undertake projects to increase the number of feeder lines into rural areas so as to create back-up electricity in the event that one of the feeder lines fails.	3
P10.1.2	Encourage Allegheny Power to allow employees to take company vehicles home to be available for emergency call-outs in the event of a downed electric line. These actions will free-up local emergency responders who normally monitor the downed line.	3
P10.2.1	Encourage representatives from the county's assets (e.g. company leaders, etc.) to draft and distribute guidelines to implement in the event of an HVAC failure.	3
P10.3.1	Instate a grant or low-interest loan program to help individual residents finance generators and other back-up electricity systems.	5
P11.1.1	Coordinate with local media to announce low resource supplies.	2
P11.1.2	Coordinate with local media to announce low fuel supplies.	2
P11.1.3	Increase public knowledge as to resource conservation by distributing information to new and existing customers.	1
P12.1.1	Assess the feasibility of cleaning up busy intersections.	3
P12.1.2	Evaluate railroad and roadway intersections for warning systems, etc.	3
P12.2.1	Publicize evacuation plans.	5
P12.2.2	Facilitate the creation of safe zones as places where residents can go in the event of a hazardous material incident. Further, publicize the location and access to these safe zones.	5
P13.1.1	Encourage schools to adopt and/or upgrade procedural and evacuation plans in the event of a bomb threat.	3
P13.2.2	Establish trauma centers to offer medical attention and counseling to affected populations in the event of a bomb explosion.	5
P13.3.1	Increase the knowledge of the general public concerning preparedness through the preparation of informational brochures, town meetings, training seminars, etc.	1
P13.4.1	Establish trauma centers to offer medical attention and counseling to affected populations in the event of a terrorist event.	5
P13.5.1	Coordinate with first responders for interagency cooperation to assist in collaborative planning.	3
P13.5.2	Continue education and training efforts of first responders and emergency personnel.	1

HARRISON COUNTY

Project Number	Strategy	Priority
Q1.1.1	Amend floodplain ordinance for compliance with the NFIP regulations.	1
Q1.1.2	Establish procedure to amend ordinances as NFIP regulations change.	2
Q1.1.3	Establish a public education process for utilities, businesses, and residences regarding floodplain management.	1
Q1.1.4	Continuation of acquisition and demolition of FEMA-identified repetitive loss structures.	1
Q1.1.5	Encourage the preservation of land in the floodplain as passive recreation and open space.	2
Q1.1.6	Revise subdivision regulations to require provision for open space on land that is in the floodplain.	1
Q1.1.7	Work with public utilities.	1
Q1.1.8	Continue and expand the intergovernmental agreement process between the county and municipalities in order to provide floodplain management by a certified floodplain manager.	1
Q1.1.9	Develop and implement a countywide storm water management plan.	1
Q1.1.10	Design and implement a countywide housing rehab program which addresses code violations, elevation, and flooding.	1
Q1.1.11	Relocate the Wallace Fire Department to an area not in the floodplain.	2
Q1.1.13	Develop and implement a demolition program to address, in part, the demolition of substandard, repetitively-flooded structures.	1
Q2.1.1	Revise regulations for hillside development and landslide-prone areas in the Harrison County Subdivision regulations.	1
Q2.1.2	Analyze location of various utility towers and strengthen, as necessary.	2
Q2.1.3	Analyze location of water and gas lines and provide shut-off valves, as necessary.	2
Q3.1.1	Adopt and enforce the state building code.	1
Q3.1.2	Encourage the placement of utility lines underground for critical facilities.	1
Q3.1.3	Encourage tree trimming adjacent to utilities.	1
Q3.1.4	Inventory all human and physical resources of public utilities and other public agencies, which may be utilized or shared in emergencies.	1
Q4.1.1	Adopt and enforce the state building code.	1
Q4.1.2	Develop public awareness program regarding shelters, the Emergency Alert System (EAS), and retrofitting of existing buildings.	1

Project Number	Strategy	Priority
Q4.1.3	Identify and structurally analyze all buildings identified as shelters and strengthen as necessary.	3
Q5.1.1	Remove vegetation and combustible materials around structures.	1
Q5.1.3	Provide fire roads to aid in firefighting.	3
Q5.1.4	Upgrade roofing with fire-resistant materials.	3
Q5.1.5	Adopt and enforce the state building code.	1
Q5.1.6	Establish a county fire board in order to provide a mechanism for county residents to obtain fire hydrants and other fire suppression tools.	1
Q7.1.2	Inventory of agencies, services, personnel, and equipment which is available for different types of events.	1
Q7.1.3	Develop a public education campaign regarding the EAS.	1
Q7.1.4	Continue and expand the intergovernmental agreement process between the county, municipalities, and other public agencies to encourage cooperation, to eliminate duplication of duties to provide cost-effective services to citizens.	1

KINGWOOD, CITY OF

Project Number	Strategy	Priority
R1.1.1	Construct tornado shelters near vulnerable areas, such as mobile home parks.	3
R2.1.1	Purchase and permanently install two (2) generators at the Kingwood Water Treatment Plant.	1
R3.1.1	Construct a building over the clarifiers at the Kingwood Water Treatment Plant.	2

LOST CREEK, TOWN OF

Project Number	Strategy	Priority
S1.1.1	Amend floodplain ordinance for compliance with the NFIP regulations.	1
S1.1.2	Establish procedure to amend ordinances as NFIP regulations change.	2
S1.1.3	Establish a public education process for utilities, businesses, and residences regarding floodplain management	1
S1.1.4	Continuation of acquisition and demolition of FEMA-identified repetitive loss structures.	1

Project Number	Strategy	Priority
S1.1.5	Revise subdivision regulations to require provision for open space on land that is in the floodplain.	1
S1.1.6	Continue and expand the intergovernmental agreement process between the county and municipalities in order to provide floodplain management by a certified floodplain manager.	1
S1.1.7	Design and implement a countywide housing rehab program which addresses code violations, elevation, and flooding.	1
S2.1.1	Adopt and enforce the state building code.	1
S3.1.1	Adopt and enforce the state building code.	1
S4.1.1	Establish a county fire board in order to provide a mechanism for county residents to obtain fire hydrants and other fire suppression tools.	1
S5.1.1	Continue and expand the intergovernmental agreement process between the county, municipalities, and other public agencies to encourage cooperation, to eliminate duplication of duties to provide cost-effective services to citizens.	1

LUMBERPORT, TOWN OF

Project Number	Strategy	Priority
T1.1.1	Amend floodplain ordinance for compliance with the NFIP regulations.	1
T1.1.2	Establish procedure to amend ordinances as NFIP regulations change.	2
T1.1.3	Establish a public education process for utilities, businesses, and residences regarding floodplain management	1
T1.1.4	Continuation of acquisition and demolition of FEMA-identified repetitive loss structures.	1
T1.1.5	Revise subdivision regulations to require provision for open space on land that is in the floodplain.	1
T1.1.6	Continue and expand the intergovernmental agreement process between the county and municipalities in order to provide floodplain management by a certified floodplain manager.	1
T1.1.7	Design and implement a countywide housing rehab program which addresses code violations, elevation, and flooding.	1
T2.1.1	Adopt and enforce the state building code.	1
T3.1.1	Adopt and enforce the state building code.	1
T4.1.1	Establish a county fire board in order to provide a mechanism for county residents to obtain fire hydrants and other fire suppression tools.	1

Project Number	Strategy	Priority
T5.1.1	Continue and expand the intergovernmental agreement process between the county, municipalities, and other public agencies to encourage cooperation, to eliminate duplication of duties to provide cost-effective services to citizens.	1

MANNINGTON, CITY OF

Project Number	Strategy	Priority
U1.1.1	Develop stringent storm water management codes for future development, possible including a storm water utility.	1
U1.2.1	Use municipal regulations as models to develop a countywide permitting process to supplement the measures taken by lending institutions to monitor new construction in the floodplain.	1
U1.3.1	Continue to educate faculty and staff at schools on NOAA radio usage.	2
U1.4.1	Coordinate with the Soil Conservation Service to continue updating the map showing areas that would be affected by a dam failure.	2
U2.1.1	Update resource list of contracts with snow removal agencies.	3
U3.1.1	Establish procedures with companies to clean up material from a landslide quickly and to monitor areas of high risk.	4
U4.1.1	Continue to coordinate with the National Weather Service in Pittsburgh, Pennsylvania to warn residents of impending severe thunderstorm conditions.	3
U4.1.2	Continue to monitor and maintain the three (3) rain gauges installed at strategic points throughout the county. Use these gauges in conjunction with the new weather station to monitor current and developing weather incidents.	5
U5.1.2	Develop plans and schedules with the Department of Agriculture to haul water to residents during drought conditions.	5
U6.1.1	Equip shelter facilities to provide back-up power.	3
U6.1.2	Maintain and update the early warning systems that are in place throughout the county.	2
U6.1.3	Undertake additional planning efforts to measure Marion County's susceptibility to technological and man-made hazards.	5

MARION COUNTY

<b>Project Number</b>	<b>Strategy</b>	<b>Priority</b>
V1.1.1	Develop stringent storm water management codes for future development, possible including a storm water utility.	<b>1</b>
V1.2.1	Use municipal regulations as models to develop a countywide permitting process to supplement the measures taken by lending institutions to monitor new construction in the floodplain.	<b>1</b>
V1.3.1	Continue to educate faculty and staff at schools on NOAA radio usage.	<b>2</b>
V1.4.1	Coordinate with the Soil Conservation Service to continue updating the map showing areas that would be affected by a dam failure.	<b>2</b>
V2.1.1	Update resource list of contracts with snow removal agencies.	<b>3</b>
V3.1.1	Establish procedures with companies to clean up material from a landslide quickly and to monitor areas of high risk.	<b>4</b>
V3.2.1	Coordinate with WVDOH to monitor this slippage.	<b>4</b>
V3.2.3	Research measures such as retaining cables to prevent falling rock incidents along roadways.	<b>4</b>
V4.1.1	Research the possibility of lowering speed limits along accident-prone sections of I-79.	<b>3</b>
V4.2.1	Make hazmat training available for emergency services responders.	<b>3</b>
V5.1.1	Continue to coordinate with the National Weather Service in Pittsburgh, Pennsylvania to warn residents of impending severe thunderstorm conditions.	<b>3</b>
V5.1.2	Continue to monitor and maintain the three (3) rain gauges installed at strategic points throughout the county. Use these gauges in conjunction with the new weather station to monitor current and developing weather incidents.	<b>5</b>
V6.1.2	Develop plans and schedules with the Department of Agriculture to haul water to residents during drought conditions.	<b>5</b>
V7.1.1	Coordinate efforts with local media to post advance warnings of hailstorms.	<b>4</b>
V8.1.1	Distribute information concerning the leading causes of wildfires and steps the general public can take to avoid starting wildfires.	<b>4</b>
V9.1.1	Continue to distribute an informational brochure to distribute to local residents.	<b>5</b>
V10.1.1	Identify and make all private sector resources available in concert with the LEPC Resource Manual.	<b>5</b>
V10.1.2	Equip shelter facilities to provide back-up power.	<b>3</b>
V10.1.3	Maintain and update the early warning systems that are in place throughout the county.	<b>2</b>
V10.1.6	Undertake additional planning efforts to measure Marion County's susceptibility to technological and man-made hazards.	<b>5</b>

MASONTOWN, TOWN OF

Project Number	Strategy	Priority
W1.1.1	Regulate development in the hydraulic shadow (or areas where flooding would occur if there was a severe dam failure of the Masontown water supply dam).	1

MONONGAH, TOWN OF

Project Number	Strategy	Priority
X1.1.1	Use municipal regulations as models to develop a countywide permitting process to supplement the measures taken by lending institutions to monitor new construction in the floodplain.	1
X1.2.1	Continue to educate faculty and staff at schools on NOAA radio usage.	2
X1.3.1	Coordinate with the Soil Conservation Service to continue updating the map showing areas that would be affected by a dam failure.	2
X2.1.1	Update resource list of contracts with snow removal agencies.	3
X3.1.1	Establish procedures with companies to clean up material from a landslide quickly and to monitor areas of high risk.	4
X4.1.1	Continue to coordinate with the National Weather Service in Pittsburgh, Pennsylvania to warn residents of impending severe thunderstorm conditions.	3
X4.1.2	Continue to monitor and maintain the three (3) rain gauges installed at strategic points throughout the county. Use these gauges in conjunction with the new weather station to monitor current and developing weather incidents.	5
X5.1.2	Develop plans and schedules with the Department of Agriculture to haul water to residents during drought conditions.	5
X6.1.1	Equip shelter facilities to provide back-up power.	3
X6.1.2	Maintain and update the early warning systems that are in place throughout the county.	2
X6.1.3	Undertake additional planning efforts to measure Marion County's susceptibility to technological and man-made hazards.	5

MONONGALIA COUNTY

Project Number	Strategy	Priority
Y1.1.2	Educate local residents on the benefits of conserving water at all times, not just during a drought.	1
Y2.1.1	Develop an informational brochure explaining the potential for earthquakes as well as the potential damages from those earthquakes. The brochure should include information on measures to take to safe-proof homes and other structures from the potential effects of earthquakes.	1
Y3.1.1	Instate countywide building codes and other general planning regulations (including land use planning), which will regulate the number of buildings and the materials used in buildings that are constructed in slide-prone areas.	4
Y3.1.3	Educate the public as to the benefits of building codes and overall community and land use planning as well as advantages to mitigation planning.	1
Y3.1.4	Strictly enforce ground disturbance permitting regulations, such as new MS4 requirements, in municipal and county jurisdictions.	4
Y3.2.1	Undertake active re-vegetation and other storm water programs to cover areas of bare ground that may be susceptible to erosion.	5
Y3.2.2	Evaluate the viability of the retaining wall on Logan and Jefferson Streets in Morgantown's South Park.	5
Y4.1.1	Produce public awareness campaigns via various local media outlets.	1
Y5.1.1	Continue the development of storm water management codes for future development outside of the City of Morgantown, where such actions are underway.	4
Y5.2.1	Continue the implementation of countywide floodplain management.	4
Y5.3.1	Work with applicable agencies to facilitate studies in repeatedly flooded areas such as Dents Run, Burroughs Run, Dunkard, Sabraton, and areas along Decker's Creek.	3
Y6.1.1	Coordinate efforts with local media to post advance warnings of hailstorms.	2
Y7.1.1	Coordinate with the National Weather Service (NWS) in Pittsburgh, Pennsylvania to warn residents of impending severe thunderstorm conditions.	2
Y8.1.1	Coordinate with the NWS in Pittsburgh, Pennsylvania to warn residents of impending severe wind and possible tornado conditions.	2
Y8.2.1	Instate countywide building codes which will regulate the materials used in buildings that are constructed with respect to design wind speeds.	4
Y9.1.1	Institute countywide building codes and other general planning requirements, which will regulate the materials used in construction with respect to snow and ice weight.	4

<b>Project Number</b>	<b>Strategy</b>	<b>Priority</b>
Y9.1.2	Enforce existing building codes and planning requirements that are already in place.	<b>4</b>
Y9.2.1	Continue outfitting and preparing the winter rescue team to ensure that emergency responders can access all parts of the county.	<b>5</b>
Y10.1.1	Distribute information concerning the leading causes of wildfires and steps the general public can take to avoid starting wildfires.	<b>1</b>
Y10.2.1	Continue to train and organize local fire service personnel to assist in the investigation of structural fires and the citation of code violations through a certification program made available to local fire chiefs.	<b>5</b>
Y10.2.2	Coordinate with the WVFSM to extend the jurisdiction of deputized fire marshals to a statewide jurisdiction.	<b>5</b>
Y10.2.3	Certify police departments, who have arrest powers, to handle arson investigations in place of fire departments, who do not have arrest powers (include a modified version of the State Police Academy to provide such training).	<b>5</b>
Y10.3.1	Continue installing wet and dry hydrants in rural portions of the county.	<b>5</b>
Y10.3.2	Consider planning and subdivision regulations that will require certain levels of fire flow and potable water pressure as subdivisions are developed.	<b>4</b>
Y10.4.1	Facilitate public awareness campaigns aimed at recruiting more volunteers at volunteer fire departments.	<b>1</b>
Y10.4.2	Hire additional firefighters at paid-staff fire departments.	<b>5</b>
Y10.4.3	Continue public awareness campaigns in schools, etc.	<b>1</b>
Y11.1.1	Encourage Allegheny Power to undertake projects to increase the number of feeder lines into rural areas so as to create back-up electricity in the event that one of the feeder lines fails.	<b>3</b>
Y11.1.2	Encourage Allegheny Power to allow employees to take company vehicles home to be available for emergency call-outs in the event of a downed electric line. These actions will free-up local emergency responders who normally monitor the downed line.	<b>3</b>
Y11.2.1	Encourage representatives from the county's assets (e.g. company leaders, etc.) to draft and distribute guidelines to implement in the event of an HVAC failure.	<b>3</b>
Y11.3.1	Instate a grant or low-interest loan program to help individual residents finance generators and other back-up electricity systems.	<b>5</b>
Y12.1.1	Coordinate with local media to announce low resource supplies.	<b>2</b>
Y12.1.2	Coordinate with local media to announce low fuel supplies.	<b>2</b>
Y12.1.3	Increase public knowledge as to resource conservation by distributing information to new and existing customers.	<b>1</b>

Project Number	Strategy	Priority
Y13.1.1	Increase security at large gatherings, festivals, sporting events, etc. throughout the county and municipalities. Examples include events at Mylan Park, Mountain Fest, and events at WVU.	5
Y14.1.1	Assess the feasibility of cleaning up busy intersections.	3
Y14.1.2	Evaluate railroad and roadway intersections for warning systems, etc.	3
Y14.1.3	Evaluate dams and locks that plan an integral role in water transportation.	3
Y14.2.1	Publicize evacuation plans.	5
Y14.2.2	Facilitate the creation of safe zones as places where residents can go in the event of a hazardous material incident. Further, publicize the location and access to these safe zones.	5
Y15.1.1	Encourage schools to adopt and/or upgrade procedural and evacuation plans in the event of a bomb threat.	3
Y15.2.2	Establish trauma centers to offer medical attention and counseling to affected populations in the event of a bomb explosion.	5
Y15.3.1	Increase the knowledge of the general public concerning preparedness through the preparation of informational brochures, town meetings, training seminars, etc.	1
Y15.4.1	Establish trauma centers to offer medical attention and counseling to affected populations in the event of a terrorist event.	5
Y15.5.1	Coordinate with first responders for interagency cooperation to assist in collaborative planning.	3
Y15.5.2	Continue education and training efforts of first responders and emergency personnel.	1

MORGANTOWN, CITY OF

Project Number	Strategy	Priority
Z1.1.2	Educate local residents on the benefits of conserving water at all times, not just during a drought.	1
Z2.1.1	Develop an informational brochure explaining the potential for earthquakes as well as the potential damages from those earthquakes. The brochure should include information on measures to take to safe-proof homes and other structures from the potential effects of earthquakes.	1
Z3.1.1	Educate the public as to the benefits of building codes and overall community and land use planning as well as advantages to mitigation planning.	1
Z3.1.2	Strictly enforce ground disturbance permitting regulations, such as new MS4 requirements, in municipal and county jurisdictions.	4
Z3.2.1	Undertake active re-vegetation and other storm water programs to cover areas of bare ground that may be susceptible to erosion.	5

<b>Project Number</b>	<b>Strategy</b>	<b>Priority</b>
<b>Z4.1.1</b>	Produce public awareness campaigns via various local media outlets.	<b>1</b>
<b>Z5.1.1</b>	Coordinate efforts with local media to post advance warnings of hailstorms.	<b>2</b>
<b>Z6.1.1</b>	Coordinate with the National Weather Service (NWS) in Pittsburgh, Pennsylvania to warn residents of impending severe thunderstorm conditions.	<b>2</b>
<b>Z7.1.1</b>	Coordinate with the NWS in Pittsburgh, Pennsylvania to warn residents of impending severe wind and possible tornado conditions.	<b>2</b>
<b>Z8.1.1</b>	Continue outfitting and preparing the winter rescue team to ensure that emergency responders can access all parts of the county.	<b>5</b>
<b>Z9.1.1</b>	Distribute information concerning the leading causes of wildfires and steps the general public can take to avoid starting wildfires.	<b>1</b>
<b>Z9.2.1</b>	Continue to train and organize local fire service personnel to assist in the investigation of structural fires and the citation of code violations through a certification program made available to local fire chiefs.	<b>5</b>
<b>Z9.2.2</b>	Coordinate with the WVFSM to extend the jurisdiction of deputized fire marshals to a statewide jurisdiction.	<b>5</b>
<b>Z9.2.3</b>	Certify police departments, who have arrest powers, to handle arson investigations in place of fire departments, who do not have arrest powers (include a modified version of the State Police Academy to provide such training).	<b>5</b>
<b>Z9.3.1</b>	Facilitate public awareness campaigns aimed at recruiting more volunteers at volunteer fire departments.	<b>1</b>
<b>Z9.3.3</b>	Continue public awareness campaigns in schools, etc.	<b>1</b>
<b>Z10.1.1</b>	Encourage Allegheny Power to undertake projects to increase the number of feeder lines into rural areas so as to create back-up electricity in the event that one of the feeder lines fails.	<b>3</b>
<b>Z10.1.2</b>	Encourage Allegheny Power to allow employees to take company vehicles home to be available for emergency call-outs in the event of a downed electric line. These actions will free-up local emergency responders who normally monitor the downed line.	<b>3</b>
<b>Z10.2.1</b>	Encourage representatives from the county's assets (e.g. company leaders, etc.) to draft and distribute guidelines to implement in the event of an HVAC failure.	<b>3</b>
<b>Z10.3.1</b>	Instate a grant or low-interest loan program to help individual residents finance generators and other back-up electricity systems.	<b>5</b>
<b>Z11.1.1</b>	Coordinate with local media to announce low resource supplies.	<b>2</b>
<b>Z11.1.2</b>	Coordinate with local media to announce low fuel supplies.	<b>2</b>
<b>Z11.1.3</b>	Increase public knowledge as to resource conservation by distributing information to new and existing customers.	<b>1</b>

Project Number	Strategy	Priority
Z12.1.1	Increase security at large gatherings, festivals, sporting events, etc. throughout the county and municipalities. Examples include events at Mylan Park, Mountain Fest, and events at WVU.	5
Z13.1.1	Assess the feasibility of cleaning up busy intersections.	3
Z13.1.2	Evaluate railroad and roadway intersections for warning systems, etc.	3
Z13.2.1	Publicize evacuation plans.	5
Z13.2.2	Facilitate the creation of safe zones as places where residents can go in the event of a hazardous material incident. Further, publicize the location and access to these safe zones.	5
Z14.1.1	Encourage schools to adopt and/or upgrade procedural and evacuation plans in the event of a bomb threat.	3
Z14.2.2	Establish trauma centers to offer medical attention and counseling to affected populations in the event of a bomb explosion.	5
Z14.3.1	Increase the knowledge of the general public concerning preparedness through the preparation of informational brochures, town meetings, training seminars, etc.	1
Z14.4.1	Establish trauma centers to offer medical attention and counseling to affected populations in the event of a terrorist event.	5
Z14.5.1	Coordinate with first responders for interagency cooperation to assist in collaborative planning.	3
Z14.5.2	Continue education and training efforts of first responders and emergency personnel.	1

NEWBURG, TOWN OF

Project Number	Strategy	Priority
AA1.1.1	Conduct a mapping project to identify old mining areas or geologically unstable terrain so that development can proceed accordingly in those areas.	1

NUTTER FORT, TOWN OF

Project Number	Strategy	Priority
BB1.1.1	Amend floodplain ordinance for compliance with the NFIP regulations.	1
BB1.1.2	Establish procedure to amend ordinances as NFIP regulations change.	2
BB1.1.3	Establish a public education process for utilities, businesses, and residences regarding floodplain management	1

Project Number	Strategy	Priority
BB1.1.4	Continuation of acquisition and demolition of FEMA-identified repetitive loss structures.	1
BB1.1.5	Revise subdivision regulations to require provision for open space on land that is in the floodplain.	1
BB1.1.6	Continue and expand the intergovernmental agreement process between the county and municipalities in order to provide floodplain management by a certified floodplain manager.	1
BB1.1.7	Design and implement a countywide housing rehab program which addresses code violations, elevation, and flooding.	1
BB2.1.1	Adopt and enforce the state building code.	1
BB3.1.1	Adopt and enforce the state building code.	1
BB4.1.1	Establish a county fire board in order to provide a mechanism for county residents to obtain fire hydrants and other fire suppression tools.	1
BB5.1.1	Continue and expand the intergovernmental agreement process between the county, municipalities, and other public agencies to encourage cooperation, to eliminate duplication of duties to provide cost-effective services to citizens.	1

PLEASANT VALLEY, CITY OF

Project Number	Strategy	Priority
CC1.1.1	Use municipal regulations as models to develop a countywide permitting process to supplement the measures taken by lending institutions to monitor new construction in the floodplain.	1
CC1.2.1	Continue to educate faculty and staff at schools on NOAA radio usage.	2
CC1.3.1	Coordinate with the Soil Conservation Service to continue updating the map showing areas that would be affected by a dam failure.	2
CC2.1.1	Update resource list of contracts with snow removal agencies.	3
CC3.1.1	Establish procedures with companies to clean up material from a landslide quickly and to monitor areas of high risk.	4
CC4.1.1	Continue to coordinate with the National Weather Service in Pittsburgh, Pennsylvania to warn residents of impending severe thunderstorm conditions.	3
CC4.1.2	Continue to monitor and maintain the three (3) rain gauges installed at strategic points throughout the county. Use these gauges in conjunction with the new weather station to monitor current and developing weather incidents.	5
CC6.1.1	Equip shelter facilities to provide back-up power.	3

Project Number	Strategy	Priority
CC6.1.2	Maintain and update the early warning systems that are in place throughout the county.	2
CC6.1.3	Undertake additional planning efforts to measure Marion County's susceptibility to technological and man-made hazards.	5

PRESTON COUNTY

Project Number	Strategy	Priority
DD1.1.1	Coordinate with the West Virginia Department of Environmental Protection, Dam Control regulations under the provisions of Chapter 22-14 of the West Virginia Dam Control and Safety Act as outlined in the West Virginia Code, to periodically reclassify any dam within Preston County as a result of a change in circumstances not in existence at the time of the initial classification to ensure adequate safety according to the potential for downstream damage.	17
DD1.1.2	Coordinate with the US Army Corps of Engineers to update outdated flood studies encompassing areas affected by the failure or topping of Significant Hazard Dams within and near Preston County, including, for example the Masontown Water Supply Dam.	16
DD2.1.1	Interconnect infrastructure systems so that one (1) system could supply another during emergency drought conditions.	19
DD2.1.2	Provide for an emergency backup power supply at all water treatment facilities in Preston County.	7
DD2.2.2	Consider passing ordinances to prioritize or control water use, particularly for emergency situations such as firefighting.	20
DD3.1.1	Develop an informational brochure explaining the potential for earthquakes, as well as the potential damages from those earthquakes. The brochure should include information pertaining to measures to take to safe-proof homes and other structures from the potential effects of earthquakes.	1
DD3.1.2	Encourage the implementation of structural mitigation techniques such as wall bracing, reinforcing walls with fiber materials, the installation of dampers or vibration isolation bearings in new construction.	18
DD4.2.2	Encourage residents to receive immunizations against communicable infectious diseases.	5
DD4.2.3	Purchase a stockpile of medications for distribution to first responders county-wide. Medications would include antibiotics and antivirals, etc. Purchase a refrigerator for storage and an alarm system and generator for temperature maintenance.	3
DD5.1.1	Clean portions of Big Sandy Creek and its floodplain, clearing log jams, trees and shrubs, and sediment bars.	13

<b>Project Number</b>	<b>Strategy</b>	<b>Priority</b>
<b>DD5.1.2</b>	Assess the feasibility of using the debris cleaned from the creek and streams to build an earthen floodwall along the creek to protect properties from flooding and erosion.	<b>9</b>
<b>DD5.2.1</b>	Conduct acquisition and/or relocation projects in frequently flooded portions of the county.	<b>8</b>
<b>DD6.2.1</b>	Encourage the use of laminated glass in window panes during all new construction.	<b>12</b>
<b>DD7.2.1</b>	Maintain a stock of hazardous materials incident response supplies, such as clean up materials and personal protective equipment, and increase the number of personnel that are certified to conduct hazardous materials cleanups so that responders have an adequate supply to respond to multiple incidents.	<b>3</b>
<b>DD7.3.1</b>	Coordinate with personnel at facilities that store and use hazardous materials to develop and exercise site emergency plans and community response plans as required under SARA Title III.	<b>7</b>
<b>DD7.3.2</b>	Ensure proper separation and buffering between industrial areas and other land uses such as, schools, nursing homes, hospitals, etc.	<b>10</b>
<b>DD9.1.2</b>	Consider developing a land use plan or modifying an existing plan to guide development away from and reduce the density of population in subsidence-prone areas.	<b>13</b>
<b>DD10.2.1</b>	Coordinate with the power company to periodically trim trees near power lines to prevent limb breakage and power failures.	<b>11</b>
<b>DD11.2.1</b>	Reduce the risk of mobile home damage by suggesting the use of tie-downs with ground anchors appropriate for the soil type.	<b>15</b>
<b>DD11.3.1</b>	Assess the number, location, strength, and ability of shelters to house residents and withstand high wind speeds. Consider constructing concrete safe rooms near mobile home parks, shopping malls, and other vulnerable public areas.	<b>7</b>
<b>DD14.1.2</b>	Increase the knowledge of the general public concerning preparedness through the preparation of informational brochures, town meetings, training seminars, etc.	<b>2</b>
<b>DD14.1.3</b>	Coordinate with local media to alert the public as to the current threat status.	<b>1</b>
<b>DD14.2.1</b>	Establish trauma centers to offer medical attention and counseling to affected populations in the event of a terrorist event.	<b>14</b>
<b>DD14.2.2</b>	Continue education and training efforts of first responders and emergency personnel.	<b>4</b>
<b>DD14.2.5</b>	Make arrangements or otherwise establish mass morgue facilities to be used following potential mass casualty events.	<b>13</b>
<b>DD16.2.1</b>	Purchase and install generators to provide a backup power supply for all the county's public utilities.	<b>6</b>

REEDSVILLE, TOWN OF

Project Number	Strategy	Priority
EE1.1.1	Increase the coverage area and use of NOAA Weather Radios throughout the Town of Reedsville.	1

RIVESVILLE, TOWN OF

Project Number	Strategy	Priority
FF1.1.1	Use municipal regulations as models to develop a countywide permitting process to supplement the measures taken by lending institutions to monitor new construction in the floodplain.	1
FF1.2.1	Continue to educate faculty and staff at schools on NOAA radio usage.	2
FF1.3.1	Coordinate with the Soil Conservation Service to continue updating the map showing areas that would be affected by a dam failure.	2
FF2.1.1	Update resource list of contracts with snow removal agencies.	3
FF3.1.1	Establish procedures with companies to clean up material from a landslide quickly and to monitor areas of high risk.	4
FF4.1.1	Continue to coordinate with the National Weather Service in Pittsburgh, Pennsylvania to warn residents of impending severe thunderstorm conditions.	3
FF4.1.2	Continue to monitor and maintain the three (3) rain gauges installed at strategic points throughout the county. Use these gauges in conjunction with the new weather station to monitor current and developing weather incidents.	5
FF5.1.2	Develop plans and schedules with the Department of Agriculture to haul water to residents during drought conditions.	5
FF6.1.1	Equip shelter facilities to provide back-up power.	3
FF6.1.2	Maintain and update the early warning systems that are in place throughout the county.	2
FF6.1.3	Undertake additional planning efforts to measure Marion County's susceptibility to technological and man-made hazards.	5

ROWLESBURG, TOWN OF

Project Number	Strategy	Priority
GG1.1.1	Increase the coverage area and use of NOAA Weather Radios throughout the Town of Rowlesburg.	1

SALEM, CITY OF

Project Number	Strategy	Priority
HH1.1.1	Amend floodplain ordinance for compliance with the NFIP regulations.	1
HH1.1.2	Establish procedure to amend ordinances as NFIP regulations change.	2
HH1.1.3	Establish a public education process for utilities, businesses, and residences regarding floodplain management	1
HH1.1.4	Continuation of acquisition and demolition of FEMA-identified repetitive loss structures.	1
HH1.1.5	Revise subdivision regulations to require provision for open space on land that is in the floodplain.	1
HH1.1.6	Continue and expand the intergovernmental agreement process between the county and municipalities in order to provide floodplain management by a certified floodplain manager.	1
HH1.1.7	Design and implement a countywide housing rehab program which addresses code violations, elevation, and flooding.	1
HH2.1.1	Adopt and enforce the state building code.	1
HH3.1.1	Adopt and enforce the state building code.	1
HH4.1.1	Establish a county fire board in order to provide a mechanism for county residents to obtain fire hydrants and other fire suppression tools.	1
HH5.1.1	Prepare annual updates of dam assessments in accordance with state law.	1
HH5.1.2	Explore state, federal, and private funding sources for dam rehabilitation.	1
HH6.1.1	Continue and expand the intergovernmental agreement process between the county, municipalities, and other public agencies to encourage cooperation, to eliminate duplication of duties to provide cost-effective services to citizens.	1

SHINNSTON, CITY OF

Project Number	Strategy	Priority
II1.1.1	Amend floodplain ordinance for compliance with the NFIP regulations.	1
II1.1.2	Establish procedure to amend ordinances as NFIP regulations change.	2
II1.1.3	Establish a public education process for utilities, businesses, and residences regarding floodplain management	1

Project Number	Strategy	Priority
II1.1.4	Continuation of acquisition and demolition of structures that are repeatedly flooded.	1
II1.1.5	Revise subdivision regulations to require provision for open space on land that is in the floodplain.	1
II1.1.6	Continue and expand the intergovernmental agreement process between the county and municipalities in order to provide floodplain management by a certified floodplain manager.	1
II1.1.7	Design and implement a countywide housing rehab program which addresses code violations, elevation, and flooding.	1
II2.1.1	Adopt and enforce the state building code.	1
II3.1.1	Adopt and enforce the state building code.	1
II4.1.1	Establish a county fire board in order to provide a mechanism for county residents to obtain fire hydrants and other fire suppression tools.	1
II5.1.1	Continue and expand the intergovernmental agreement process between the county, municipalities, and other public agencies to encourage cooperation, to eliminate duplication of duties to provide cost-effective services to citizens.	1

STAR CITY, TOWN OF

Project Number	Strategy	Priority
JJ1.1.1	Educate local residents on the benefits of conserving water at all times, not just during a drought.	1
JJ2.1.1	Develop an informational brochure explaining the potential for earthquakes as well as the potential damages from those earthquakes. The brochure should include information on measures to take to safe-proof homes and other structures from the potential effects of earthquakes.	1
JJ3.1.1	Educate the public as to the benefits of building codes and overall community and land use planning as well as advantages to mitigation planning.	1
JJ3.1.2	Strictly enforce ground disturbance permitting regulations, such as new MS4 requirements, in municipal and county jurisdictions.	4
JJ3.2.1	Undertake active re-vegetation and other storm water programs to cover areas of bare ground that may be susceptible to erosion.	5
JJ4.1.1	Produce public awareness campaigns via various local media outlets.	1
JJ5.1.1	Coordinate efforts with local media to post advance warnings of hailstorms.	2
JJ6.1.1	Coordinate with the National Weather Service (NWS) in Pittsburgh, Pennsylvania to warn residents of impending severe thunderstorm conditions.	2

<b>Project Number</b>	<b>Strategy</b>	<b>Priority</b>
JJ7.1.1	Coordinate with the NWS in Pittsburgh, Pennsylvania to warn residents of impending severe wind and possible tornado conditions.	<b>2</b>
JJ8.1.1	Continue outfitting and preparing the winter rescue team to ensure that emergency responders can access all parts of the county.	<b>5</b>
JJ9.1.1	Distribute information concerning the leading causes of wildfires and steps the general public can take to avoid starting wildfires.	<b>1</b>
JJ9.2.1	Continue to train and organize local fire service personnel to assist in the investigation of structural fires and the citation of code violations through a certification program made available to local fire chiefs.	<b>5</b>
JJ9.2.2	Coordinate with the WVFSM to extend the jurisdiction of deputized fire marshals to a statewide jurisdiction.	<b>5</b>
JJ9.2.3	Certify police departments, who have arrest powers, to handle arson investigations in place of fire departments, who do not have arrest powers (include a modified version of the State Police Academy to provide such training).	<b>5</b>
JJ9.3.1	Facilitate public awareness campaigns aimed at recruiting more volunteers at volunteer fire departments.	<b>1</b>
JJ9.3.3	Continue public awareness campaigns in schools, etc.	<b>1</b>
JJ10.1.1	Encourage Allegheny Power to undertake projects to increase the number of feeder lines into rural areas so as to create back-up electricity in the event that one of the feeder lines fails.	<b>3</b>
JJ10.1.2	Encourage Allegheny Power to allow employees to take company vehicles home to be available for emergency call-outs in the event of a downed electric line. These actions will free-up local emergency responders who normally monitor the downed line.	<b>3</b>
JJ10.2.1	Encourage representatives from the county's assets (e.g. company leaders, etc.) to draft and distribute guidelines to implement in the event of an HVAC failure.	<b>3</b>
JJ10.3.1	Instate a grant or low-interest loan program to help individual residents finance generators and other back-up electricity systems.	<b>5</b>
JJ11.1.1	Coordinate with local media to announce low resource supplies.	<b>2</b>
JJ11.1.2	Coordinate with local media to announce low fuel supplies.	<b>2</b>
JJ11.1.3	Increase public knowledge as to resource conservation by distributing information to new and existing customers.	<b>1</b>
JJ12.1.1	Increase security at large gatherings, festivals, sporting events, etc. throughout the county and municipalities. Examples include events at Mylan Park, Mountain Fest, and events at WVU.	<b>5</b>
JJ13.2.2	Facilitate the creation of safe zones as places where residents can go in the event of a hazardous material incident. Further, publicize the location and access to these safe zones.	<b>5</b>

Project Number	Strategy	Priority
JJ14.1.1	Encourage schools to adopt and/or upgrade procedural and evacuation plans in the event of a bomb threat.	3
JJ14.2.2	Establish trauma centers to offer medical attention and counseling to affected populations in the event of a bomb explosion.	5
JJ14.3.1	Increase the knowledge of the general public concerning preparedness through the preparation of informational brochures, town meetings, training seminars, etc.	1
JJ14.4.1	Establish trauma centers to offer medical attention and counseling to affected populations in the event of a terrorist event.	5
JJ14.5.1	Coordinate with first responders for interagency cooperation to assist in collaborative planning.	3
JJ14.5.2	Continue education and training efforts of first responders and emergency personnel.	1

STONEWOOD, CITY OF

Project Number	Strategy	Priority
KK1.1.1	Amend floodplain ordinance for compliance with the NFIP regulations.	1
KK1.1.2	Establish procedure to amend ordinances as NFIP regulations change.	2
KK1.1.3	Establish a public education process for utilities, businesses, and residences regarding floodplain management	1
KK1.1.4	Continuation of acquisition and demolition of FEMA-identified repetitive loss structures.	1
KK1.1.5	Revise subdivision regulations to require provision for open space on land that is in the floodplain.	1
KK1.1.6	Continue and expand the intergovernmental agreement process between the county and municipalities in order to provide floodplain management by a certified floodplain manager.	1
KK1.1.7	Design and implement a countywide housing rehab program which addresses code violations, elevation, and flooding.	1
KK2.1.1	Adopt and enforce the state building code.	1
KK3.1.1	Adopt and enforce the state building code.	1
KK4.1.1	Establish a county fire board in order to provide a mechanism for county residents to obtain fire hydrants and other fire suppression tools.	1
KK5.1.1	Continue and expand the intergovernmental agreement process between the county, municipalities, and other public agencies to encourage cooperation, to eliminate duplication of duties to provide cost-effective services to citizens.	1

TAYLOR COUNTY

<b>Project Number</b>	<b>Strategy</b>	<b>Priority</b>
LL1.1.1	Encourage schools to instate and/or update procedural and evacuation plans in the event of a bomb threat	<b>3</b>
LL1.2.1	Encourage county assets to instate and/or update procedural and evacuation plans in the event of a bomb threat.	<b>4</b>
LL1.3.1	Establish trauma centers to offer medical attention and counseling to affected populations in the event of a bomb explosion.	<b>15</b>
LL2.1.1	Develop a layer to the county's available mapping showing the areas downstream of the Tygart Lake Dam to complement any structural inventory mapping that has been done. As such, county officials can easily sum the potential losses in a single dams' susceptibility area.	<b>8</b>
LL2.2.1	Identify the areas of the County and the City of Grafton that would be severely flooded in the event of a severe failure of the Tygart Lake Dam, and develop zoning regulations that disallow future development in those areas.	<b>9</b>
LL3.1.2	Consider passing ordinances to prioritize or control water use, particularly for emergency situations such as firefighting.	<b>9</b>
LL3.2.1	Provide for an emergency backup power supply at all water treatment facilities in Taylor County.	<b>10</b>
LL4.1.2	Encourage the implementation of structural mitigation techniques such as wall bracing, reinforcing walls with fiber materials, the installation of dampers or vibration isolation bearings in new construction.	<b>9</b>
LL5.2.1	Coordinate county efforts to meet the requirements of becoming a participant in the CRS.	<b>4</b>
LL5.3.1	Instate a countywide permitting process, which will require residents and/or developers to file a permit with the county before beginning new construction as a means of regulating floodplain development.	<b>13</b>
LL5.3.2	Develop and conduct acquisition and relocation projects.	<b>16</b>
LL5.4.1	Distribute letters to all property owners in the county regarding potential flood hazards as required for participation in the Community Rating System (CRS).	<b>4</b>
LL5.4.2	Hold local courses on National Flood Insurance Program (NFIP) for realtors, bankers, insurers, and municipal development officials.	<b>5</b>
LL5.4.3	Obtain updated information on the number of NFIP policy holders in Taylor County and its municipalities.	<b>3</b>
LL5.5.1	Collect updated information of the number and location of all repetitive loss properties throughout the county and the municipalities.	<b>2</b>
LL5.5.2	Develop a database of information on all repetitive loss properties including maps.	<b>7</b>

Project Number	Strategy	Priority
LL5.5.3	Identify owners of repetitive loss properties who are interested in participating in future property acquisition and relocation projects.	6
LL5.6.1	Work with the WV Division of Highways to identify areas of frequent roadways flooding and develop mitigation strategies.	12
LL6.1.1	Coordinate efforts with local media to post advance warnings of hailstorms.	2
LL6.1.2	Encourage the use of NOAA weather radios among residents that continuously broadcast National Weather Service (NWS) forecasts and provide direct warnings to the public for natural, technological, and man-made hazards.	3
LL7.1.2	Conduct a Tier II Assessment on the large retailers in the county to identify who should be reporting and who should not be.	5
LL7.1.3	Apply for a Hazardous Materials Emergency Preparedness (HMEP) grant from the WVDHSEM to finance the development of a Commodity Flow Study to determine what hazardous materials are used, stored, and shipped through the county.	1
LL7.2.3	Facilitate the creation of safe zones as places where residents can go in the event of a large scale hazardous materials incident. Further, publicize the location and access routes to these safe zones.	12
LL8.1.1	Instate countywide building codes, which will regulate the number of buildings constructed, the materials used in buildings that are constructed, and the locations in which buildings are constructed.	11
LL8.1.3	Develop ordinances requiring logging companies to clean and replant areas that they log. The ordinance should include the amount or replanting that is expected.	10
LL9.1.2	Conduct National Weather Service (NWS) Storm Spotter classes.	7
LL9.1.3	Encourage the use of NOAA Weather Radios among residents that continuously broadcast NWS forecasts and provide direct warnings to the public.	8
LL10.1.1	Develop an informational brochure describing proper safety procedures to following during a tornado or severe windstorm.	1
LL10.2.1	Reduce the risk of mobile home damage by suggesting the use of tie-downs with ground anchors appropriate for the soil type.	8
LL10.2.2	Ensure that all shelters have adequate emergency power resources.	13
LL10.3.1	Establish a protocol for the sharing of annual shelter survey information between the local American Red Cross and the TCOES.	6
LL11.1.2	Coordinate with local private contractors to develop mutual aid agreements for emergency snow removal, also develop a Debris Management Plan that can be implemented following a disaster occurrence.	11
LL13.1.1	Increase the knowledge of the general public concerning preparedness through the preparation of informational brochures, town meetings, training seminars, etc.	6

Project Number	Strategy	Priority
LL13.1.2	Coordinate with local media to alert the public as to the most current threat status.	5
LL13.1.3	Develop and/or enhance terrorist incident response annexes in the county Emergency Operations Plan (EOP).	3
LL13.2.1	Establish trauma centers at local schools and churches to offer medical attention and counseling to affected populations in the event of a terrorist attack.	6
LL13.2.2	Continue education and training efforts of first responders and emergency personnel.	5
LL13.2.3	Make arrangements or otherwise establish mass morgue facilities to be used following potential mass casualty events.	12
LL13.3.1	Coordinate with local and state law enforcement to increase security at the major assets throughout the county.	10
LL14.1.3	Restrict non-critical phone usage during emergency situations by instating a line-load program through the telephone company.	6
LL14.3.1	Increase the number of feeder lines into rural areas so as to create back-up electricity in the event that one of the feeder lines fails.	14
LL14.3.2	Decrease the probability of utility failures as a direct result of severe thunderstorms by coordinating with the power company to periodically trim trees near power lines to prevent limb breakage and power failures.	11
LL14.4.1	Purchase and install industrial size generators to sever as backup power at all critical utility facilities.	7
LL15.1.1	Distribute information concerning the leading causes of wildfires and steps the general public can take to avoid starting wildfires.	2
LL15.1.2	Create displays for children's programs that teach safety. Examples of information to be used would be similar to that on the FEMA for kids CD and/or the Sparky Fire Safety Program.	1
LL15.1.3	Encourage residents and businesses to maintain their property in or near forested areas (including short grass; thinned trees and removal of low hanging branches, cleaning of dead or dry leaves, needles, twigs, etc.), and to create a buffer zone (defensible space) between structures and adjacent forests.	5
LL15.1.4	Encourage residents in rural areas to inspect and clean their chimneys at least once a year.	6

TERRA ALTA, TOWN OF

Project Number	Strategy	Priority
MM1.1.1	Consider constructing snow fences or planting rows of trees to serve as living snow fences to limit blowing and drifting snow over critical roadways.	1

TUNNELTON, TOWN OF

Project Number	Strategy	Priority
NN1.1.1	Conduct a mapping project to identify old mining areas or geologically unstable terrain so that development can proceed accordingly in those areas.	1

WEST MILFORD, TOWN OF

Project Number	Strategy	Priority
OO1.1.1	Amend floodplain ordinance for compliance with the NFIP regulations.	1
OO1.1.2	Establish procedure to amend ordinances as NFIP regulations change.	2
OO1.1.3	Establish a public education process for utilities, businesses, and residences regarding floodplain management	1
OO1.1.4	Continuation of acquisition and demolition of FEMA-identified repetitive loss structures.	1
OO1.1.5	Revise subdivision regulations to require provision for open space on land that is in the floodplain.	1
OO1.1.6	Continue and expand the intergovernmental agreement process between the county and municipalities in order to provide floodplain management by a certified floodplain manager.	1
OO1.1.7	Design and implement a countywide housing rehab program which addresses code violations, elevation, and flooding.	1
OO2.1.1	Adopt and enforce the state building code.	1
OO3.1.1	Adopt and enforce the state building code.	1
OO4.1.1	Establish a county fire board in order to provide a mechanism for county residents to obtain fire hydrants and other fire suppression tools.	1
OO5.1.1	Continue and expand the intergovernmental agreement process between the county, municipalities, and other public agencies to encourage cooperation, to eliminate duplication of duties to provide cost-effective services to citizens.	1

WEST UNION, TOWN OF

Project Number	Strategy	Priority
PP1.1.1	Conduct acquisition and relocation projects in the Town of West Union, and adopt ordinances that limit development in the floodplain.	4

Project Number	Strategy	Priority
PP1.2.1	Clean Middle Island Creek and its floodplain, clearing log jams, trees and shrubs, and sediment bars.	2
PP2.1.1	Increase the coverage area and use of NOAA Weather Radios throughout the Town of West Union.	1
PP3.1.1	Consider constructing snow fences or planting rows of trees to serve as living snow fences to limit blowing and drifting snow over critical roadways.	3

WESTOVER, CITY OF

Project Number	Strategy	Priority
QQ1.1.1	Educate local residents on the benefits of conserving water at all times, not just during a drought.	1
QQ2.1.1	Develop an informational brochure explaining the potential for earthquakes as well as the potential damages from those earthquakes. The brochure should include information on measures to take to safe-proof homes and other structures from the potential effects of earthquakes.	1
QQ3.1.1	Educate the public as to the benefits of building codes and overall community and land use planning as well as advantages to mitigation planning.	1
QQ3.1.2	Strictly enforce ground disturbance permitting regulations, such as new MS4 requirements, in municipal and county jurisdictions.	4
QQ3.2.1	Undertake active re-vegetation and other storm water programs to cover areas of bare ground that may be susceptible to erosion.	5
QQ4.1.1	Produce public awareness campaigns via various local media outlets.	1
QQ5.1.1	Coordinate efforts with local media to post advance warnings of hailstorms.	2
QQ6.1.1	Coordinate with the National Weather Service (NWS) in Pittsburgh, Pennsylvania to warn residents of impending severe thunderstorm conditions.	2
QQ7.1.1	Coordinate with the NWS in Pittsburgh, Pennsylvania to warn residents of impending severe wind and possible tornado conditions.	2
QQ8.1.1	Continue outfitting and preparing the winter rescue team to ensure that emergency responders can access all parts of the county.	5
QQ9.1.1	Distribute information concerning the leading causes of wildfires and steps the general public can take to avoid starting wildfires.	1
QQ9.2.1	Continue to train and organize local fire service personnel to assist in the investigation of structural fires and the citation of code violations through a certification program made available to local fire chiefs.	5

<b>Project Number</b>	<b>Strategy</b>	<b>Priority</b>
QQ9.2.2	Coordinate with the WVFSM to extend the jurisdiction of deputized fire marshals to a statewide jurisdiction.	<b>5</b>
QQ9.2.3	Certify police departments, who have arrest powers, to handle arson investigations in place of fire departments, who do not have arrest powers (include a modified version of the State Police Academy to provide such training).	<b>5</b>
QQ9.3.1	Facilitate public awareness campaigns aimed at recruiting more volunteers at volunteer fire departments.	<b>1</b>
QQ9.3.3	Continue public awareness campaigns in schools, etc.	<b>1</b>
QQ10.1.1	Encourage Allegheny Power to undertake projects to increase the number of feeder lines into rural areas so as to create back-up electricity in the event that one of the feeder lines fails.	<b>3</b>
QQ10.1.2	Encourage Allegheny Power to allow employees to take company vehicles home to be available for emergency call-outs in the event of a downed electric line. These actions will free-up local emergency responders who normally monitor the downed line.	<b>3</b>
QQ10.2.1	Encourage representatives from the county's assets (e.g. company leaders, etc.) to draft and distribute guidelines to implement in the event of an HVAC failure.	<b>3</b>
QQ10.3.1	Instate a grant or low-interest loan program to help individual residents finance generators and other back-up electricity systems.	<b>5</b>
QQ11.1.1	Coordinate with local media to announce low resource supplies.	<b>2</b>
QQ11.1.2	Coordinate with local media to announce low fuel supplies.	<b>2</b>
QQ11.1.3	Increase public knowledge as to resource conservation by distributing information to new and existing customers.	<b>1</b>
QQ12.1.1	Increase security at large gatherings, festivals, sporting events, etc. throughout the county and municipalities. Examples include events at Mylan Park, Mountain Fest, and events at WVU.	<b>5</b>
QQ13.1.1	Assess the feasibility of cleaning up busy intersections.	<b>3</b>
QQ13.1.2	Evaluate railroad and roadway intersections for warning systems, etc.	<b>3</b>
QQ13.2.1	Publicize evacuation plans.	<b>5</b>
QQ13.2.2	Facilitate the creation of safe zones as places where residents can go in the event of a hazardous material incident. Further, publicize the location and access to these safe zones.	<b>5</b>
QQ14.1.1	Encourage schools to adopt and/or upgrade procedural and evacuation plans in the event of a bomb threat.	<b>3</b>
QQ14.2.2	Establish trauma centers to offer medical attention and counseling to affected populations in the event of a bomb explosion.	<b>5</b>

Project Number	Strategy	Priority
QQ14.3.1	Increase the knowledge of the general public concerning preparedness through the preparation of informational brochures, town meetings, training seminars, etc.	1
QQ14.4.1	Establish trauma centers to offer medical attention and counseling to affected populations in the event of a terrorist event.	5
QQ14.5.1	Coordinate with first responders for interagency cooperation to assist in collaborative planning.	3
QQ14.5.2	Continue education and training efforts of first responders and emergency personnel.	1

WHITE HALL, TOWN OF

Project Number	Strategy	Priority
RR1.1.1	Use municipal regulations as models to develop a countywide permitting process to supplement the measures taken by lending institutions to monitor new construction in the floodplain.	1
RR1.2.1	Continue to educate faculty and staff at schools on NOAA radio usage.	2
RR1.3.1	Coordinate with the Soil Conservation Service to continue updating the map showing areas that would be affected by a dam failure.	2
RR2.1.1	Update resource list of contracts with snow removal agencies.	3
RR3.1.1	Establish procedures with companies to clean up material from a landslide quickly and to monitor areas of high risk.	4
RR3.2.1	Coordinate with WVDOH to monitor this slippage.	4
RR4.1.1	Continue to coordinate with the National Weather Service in Pittsburgh, Pennsylvania to warn residents of impending severe thunderstorm conditions.	3
RR4.1.2	Continue to monitor and maintain the three (3) rain gauges installed at strategic points throughout the county. Use these gauges in conjunction with the new weather station to monitor current and developing weather incidents.	5
RR5.1.2	Develop plans and schedules with the Department of Agriculture to haul water to residents during drought conditions.	5
RR6.1.1	Equip shelter facilities to provide back-up power.	3
RR6.1.2	Maintain and update the early warning systems that are in place throughout the county.	2
RR6.1.3	Undertake additional planning efforts to measure Marion County's susceptibility to technological and man-made hazards.	5

WORTHINGTON, TOWN OF

<b>Project Number</b>	<b>Strategy</b>	<b>Priority</b>
<b>SS1.1.1</b>	Use municipal regulations as models to develop a countywide permitting process to supplement the measures taken by lending institutions to monitor new construction in the floodplain.	<b>1</b>
<b>SS1.2.1</b>	Continue to educate faculty and staff at schools on NOAA radio usage.	<b>2</b>
<b>SS1.3.1</b>	Coordinate with the Soil Conservation Service to continue updating the map showing areas that would be affected by a dam failure.	<b>2</b>
<b>SS2.1.1</b>	Update resource list of contracts with snow removal agencies.	<b>3</b>
<b>SS3.1.1</b>	Establish procedures with companies to clean up material from a landslide quickly and to monitor areas of high risk.	<b>4</b>
<b>SS4.1.1</b>	Continue to coordinate with the National Weather Service in Pittsburgh, Pennsylvania to warn residents of impending severe thunderstorm conditions.	<b>3</b>
<b>SS4.1.2</b>	Continue to monitor and maintain the three (3) rain gauges installed at strategic points throughout the county. Use these gauges in conjunction with the new weather station to monitor current and developing weather incidents.	<b>5</b>
<b>SS5.1.2</b>	Develop plans and schedules with the Department of Agriculture to haul water to residents during drought conditions.	<b>5</b>
<b>SS6.1.1</b>	Equip shelter facilities to provide back-up power.	<b>3</b>
<b>SS6.1.2</b>	Maintain and update the early warning systems that are in place throughout the county.	<b>2</b>
<b>SS6.1.3</b>	Undertake additional planning efforts to measure Marion County's susceptibility to technological and man-made hazards.	<b>5</b>

### 3.4 REGIONAL IMPLICATIONS

In most cases, the individual implementation of the projects listed in Sections 3.1 through 3.3 would not have a large impact on the region as a whole. There should, however, be several things kept in mind as these projects are undertaken. For example, several member governments expressed a desire to upgrade communications capabilities. As these capabilities are updated, community leaders should bear interoperability in mind – not only within their own jurisdiction, but also with neighboring jurisdictions (including other counties in the region).

Other projects, such as public education and awareness efforts, could be accomplished through partnerships with neighboring jurisdictions. As such, individual jurisdictions could share costs and reduce duplication of effort. As can be seen by the above risk assessment, many of the communities in Region VI are susceptible to the same types of hazards. In many cases, this type of planning and public outreach is accomplished regionally, though the area's homeland security region.

Floodplain management as well as the overall custodial responsibility for the elements of this plan differs from jurisdiction to jurisdiction throughout the region. For example, Harrison County's planning commission maintains the bulk of the Harrison County portions of this plan while Preston County's office of emergency management maintains the Preston portions. While this would not cause any inherent problems, it should be noted that these agencies may need to coordinate with different types of partners than they are used working with to ensure that mitigation efforts across the region are compatible.

For the most part, the strategies outlined throughout Section 3.0 would not cause any problems for other jurisdictions if implemented. Some jurisdictions have expressed a desire to undertake stream bank restoration or stream cleaning as a mitigation effort. If done, those jurisdictions should notify downstream communities as the flow of the water may be slightly changed.

Though this document is a plan, it calls for a number of other planning initiatives to be completed. Those initiatives should keep this process as a part of the overall planning process. In other words, community leaders should not plan for the sake of planning. This document can provide evidence as to the hazards most likely faced by the communities and planning should strengthen capabilities to lessen the effects of these types of emergencies.

# **SECTION 4.0**

# **PLAN MAINTENANCE PROCESS**

As with any plan, this document must be actively maintained in order to be a viable mitigation tool for Region VI's member governments. Section 4.0 outlines the general process that will be used to maintain this document.

## 4.0 PLAN MAINTENANCE PROCESS

§201.6(c)(4)(i)	[The plan maintenance process shall include a] section describing the method and schedule of monitoring, evaluating, and updating the mitigation plan within a five-year cycle.
§201.6(c)(4)(ii)	[The plan shall include a] process by which local governments incorporate the requirements of the mitigation plan into other planning mechanisms such as comprehensive or capital improvement plans, when appropriate.
§201.6(c)(4)(iii)	[The plan maintenance process shall include a] discussion on how the community will continue public participation in the plan maintenance process.

The long-term success of this document depends in large part on routine monitoring, evaluating, and updating so that it will remain a valid tool for the participating communities to use. Also critical to the overall success of this strategy is the continued implementation of local-level multi-jurisdictional mitigation efforts in accordance with this document.

### Formal Plan Adoption

A total of 45 local governments in the North Central region of West Virginia have participated in this hazard mitigation planning process. At the municipal level, cities and towns participated directly in the development of the county-specific hazard mitigation plans that served as one (1) of the primary bases of this document. Municipal jurisdictions were given ample opportunity to review and approve their sections of this document. Counties coordinated that process as well as participated in this process (which was spearheaded by the Region VI Planning and Development Council [PDC]).

This regional document has been designed to illustrate the impacts of hazards across the six (6)-county region and to highlight the benefits of a coordinated approach to hazard mitigation. Each of the jurisdictions affected by this document formally adopted it by a resolution of their governing board.

The adoption process included the delivery of a copy of this document to the local jurisdiction, along with a sample adopting resolution. The Region VI PDC coordinated this delivery. Region VI officials explained to municipal and county leaders that this document serves as updates to the local-level mitigation plans they had adopted and updated between 2003 and 2010. Adopting resolutions were collected by the Region VI PDC. Copies of all resolutions were scanned upon receipt and included in Appendix 4 of this document.

The document was submitted to the West Virginia Division of Homeland Security and Emergency Management (WVDHSEM) and the Federal Emergency Management Agency (FEMA) Region III prior to and during the adoption process to ensure that all federal and state planning regulations had been met. Doing so prior to adoption meant two (2) things: first, the plan was initially issued an “Approved Pending Adoption” status, and secondly, the adoption process was ultimately more efficient (because re-adoptions following revisions were not necessary).

### Implementation

The implementation of this plan will likely prove to be more difficult than its adoption. While this plan puts forth many worthwhile and “high” priority recommendations, there may be competition among the participating communities throughout Region VI for limited mitigation funds. The decision of which action (i.e., project) to undertake first will be the primary issue that the PDC’s communities face. Fortunately, this plan has been designed with this issue in mind; as such, high priority actions have been included for each participating jurisdiction so each jurisdiction can pursue high-priority actions independently. Secondly, many of the jurisdictions in the region represent economically distressed areas, meaning that funding for large scale projects such as those advocated by this plan is often an issue. To ensure that mitigation efforts get underway, this document includes several low or no-cost recommendations.

An example of a low-cost, high-priority recommendation would be to pursue the education efforts necessary for elected officials and the general public as they relate to participation in the National Flood Insurance Program (NFIP). In other cases, jurisdictions may be considering updating and/or revising their local floodplain ordinances and assisting state and federal authorities as they update flood mapping in their communities.

Another example of a low-cost project would be to integrate mitigation awareness into the many other pre-emergency public information campaigns that local-level emergency managers distribute on a routine basis. As an example, a variety of information on preparedness for hazardous material emergencies is frequently disseminated by each county's Local Emergency Planning Committee (LEPC). Those efforts could be integrated into the counties' (and region's) overall mitigation strategy. Other public education efforts during such events as winter weather awareness week, etc. could equip the public with the knowledge necessary to "mitigate for themselves", which supports the concept of implementing mitigation at the lowest level possible.

Additionally, it should be noted that county emergency managers work with their counterparts in community and economic development planning to ensure that mitigation and emergency preparedness are integrated into other planning efforts, such as:

- Comprehensive planning,
- Capital improvement planning, and
- Economic development goals and incentives.

These emergency managers make risk information available to their local economic development agencies. Further, the presence of the Region VI PDC can help ensure that future development does not add to the region's overall vulnerability. In fact, the Region VI PDC serves as a clearinghouse of sorts for a variety of projects throughout the region, including mitigation projects.

The guiding principle under the implementation of this plan is that mitigation should be incorporated as much as possible into the daily actions of the coordinating agencies responsible for project implementation. During the development of the individual county plans from 2003 to 2010, county mitigation planning committees attempted to align as many existing programs as possible with mitigation efforts. Such an approach was also incorporated into this document. This approach ensures that mitigation efforts occur by default. While ensuring these efforts occur certainly helps show progress when this document is updated, it also builds buy-in for the strengthening of the community by not asking certain coordinating agencies to shoulder an entire list of new responsibilities.

It is also important to continually monitor funding opportunities that can be

utilized to implement some of the larger mitigation recommendations in this document. County commissions, municipal councils, county planning commissions, and county-level emergency managers are often the Points of Contact (POCs) for such communication. Fortunately, emergency managers throughout the region (and West Virginia) frequently share these opportunities with colleagues. The PDC actually serves as a watchdog for funding opportunities as well. As such, a repository of funding options should be easy to maintain. Funding opportunities often present themselves in the aftermath of large-scale disasters, but they can also be present on a rotating cycle. The communities participating in this process have been cognizant of ranking both high and low-projects as “high priority” so that they can be in a position to take advantage of whatever funding opportunities arise.

By adopting this plan, communities served by the Region VI PDC commit to the following:

- Pursuing the implementation of high-priority, low/no cost recommended actions,
- Keeping the concept of mitigation in the forefront of community decision-making by identifying and stressing the recommendations of the hazard mitigation plan when other community goals, plans, and activities are discussed, and
- Maintaining a constant monitoring of multi-objective, cost-share opportunities to assist the participating communities in implementing the recommended actions of this plan for which no current funding or support exists.

#### Integration into Existing Planning Mechanisms

As the custodial agency of the regional Hazard Mitigation Plan (HMP), the Region VI PDC should ensure that mitigation planning is incorporated, as appropriate, into other planning mechanisms. Such a statement is not meant to say that mitigation planning should inhibit other types of planning, such as community and economic development efforts. Ensuring compatibility between these initiatives, rather, should provide an opportunity for all types of planners to understand the interplay between risk and development and the potential future vulnerabilities of fully-developed areas. Integration can open a dialogue between planners about how to responsibly plan the future of the communities throughout Region VI.

As mentioned, the Region VI PDC acts as a sort of clearinghouse for

planning initiatives around its region. The PDC does not “regulate” or “supervise” these efforts, but it does maintain a central repository of efforts that are underway throughout the planning area. It maintains such documents as a Comprehensive Economic Development Strategy (CEDS), housing and community development assessments, etc. The PDC can compare these areas highlighted for development and other projects through its documents with this mitigation plan. For instance, some traditional PDC projects, such as supporting infrastructure (e.g., water and sewer) system extensions, may support mitigation efforts for such hazards as drought and public health emergencies. These extensions may not have any effect on hazards such as flooding. In any circumstance, the PDC may be able to use support of a mitigation effort as further justification for the funding of a project.

The jurisdictions comprising the Region VI also often have active planning commissions – both at the county and municipal levels. These agencies often administer and enforce land use regulations in their jurisdiction (along with or “for” building and zoning as well as floodplain officials). As such, these agencies can be the ones to revise such regulations as subdivision, location improvement permits, and floodplain ordinances to ensure consistency with mitigation efforts. It is significant to note that floodplain ordinances throughout the region have been revised to comply with current NFIP regulations. In other areas, such as Harrison County, the subdivision ordinance has been amended to encourage the development of open space or passive recreation on land located in the floodplain.

Additional agencies throughout the region, such as the county-level offices of emergency management, will actively integrate the information contained in this risk assessment into other planning initiatives, such as the maintenance of their jurisdiction-specific Emergency Operations Plans (EOPs). These documents should support the strengthening of capabilities to respond to the hazards identified by the risk assessment. As mitigation projects are implemented and risk is thus reduced, the emergency services community may need to “re-plan” its response to address what has become (thanks to the mitigation project) a more critical risk.

Finally, it is significant to note that all 45 member governments within Region VI are represented by the PDC itself. As the custodial agency of this document, the PDC can schedule a regular review with its member governments at one of its council meetings to ensure that local officials are educated as to the plan’s contents – and in agreement with its contents – even as those officials change and this

document is updated. This representation should also facilitate local government comment on both the risks facing their jurisdictions and the types and numbers of mitigation projects that could be implemented.

### Maintenance

Plan maintenance requires an ongoing effort to monitor and evaluate the implementation of the plan, and to update the plan as progress, roadblocks, or changing circumstances are recognized. Five (5) of the six (6) counties in the region – Doddridge, Marion, Monongalia, Preston, and Taylor – identified their county-level emergency management office as the coordinator of local reviews. In Harrison County, the county planning commission serves as this coordinator. Local reviews are to occur at no less than five (5)-year intervals. The actual review of county-specific sections remains a responsibility of the counties themselves. As such, some have indicated that they will meet more often to review the plan. The counties also indicated that they may facilitate reviews following major disasters. Generally, the following list serves as an update schedule for the six (6) counties in the region.

- **Doddridge:** The county’s Hazard Mitigation Planning Committee (HMC) intends to schedule an annual stakeholders meeting to review the mitigation plan.
- **Harrison:** The county’s mitigation planning group intends to meet in January of each year to review progress and recommend revisions to the county planning commission. The planning commission intends to formulate an “annual report” that provides an analysis of participation by responsible entities, completed or underway mitigation projects, re-evaluation of physical and financial capabilities to undertake projects, etc. The planning commission may also schedule an annual public hearing to discuss mitigation efforts within Harrison County. The report and minutes from any public hearings should be provided to the Region VI PDC for inclusion into updated versions of this document.
- **Marion:** The county’s LEPC recommends an annual meeting of the HMC; however, the county has committed to convening the HMC once every five (5) years.
- **Monongalia:** Stakeholders will meet a minimum of three (3) times during the fourth year of the current planning cycle. These meetings will allow the group

the opportunity to (1) review hazard events that have occurred since the previous revision; (2) update the project list based on implemented projects or new needs; and (3) re-prioritize projects based on new needs and other changing circumstances. The second and third stakeholders meetings during the review will be advertised and open to the public.

- **Preston:** County officials will review the plan following major hazard events (but at least once every five [5] years).
- **Taylor:** The county HMC will review the plan following major hazard events; however, the Taylor County Office of Emergency Services and Taylor County Commission intend to discuss mitigation on a quarterly basis.

Each county identified several conceptual elements that can guide a review of this document. Those elements are as follows:

- **Ease of Implementation:** How smoothly has implementing the project (or similar types of projects) been? Have programs been readily available to assist in funding the implementation of the project (or similar types of projects)?
- **Cost Effectiveness:** Have sufficient funding sources been available to implement the project at a cost manageable by the local government? Have the costs of implementing the project been significantly less than the cumulative future costs potentially incurred by an un-corrected situation?
- **Social Impacts:** Has the public perceived that the project has positively lessened hazard-related losses? Has implementing the project adversely affected any segment of the population?
- **Political Impacts:** Has implementing a particular project (or type of project) been delayed due to the political consequences of its implementation?
- **Economic Impacts:** Has the cost/benefit ratio of implementing the project been acceptable? Has implementing a project adversely affected a particular segment of the local economy?
- **Overall Positive Impacts:** Have local leaders generally agreed that implementing a particular project was beneficial to the community?

When each county convenes for a review, it should coordinate with the Region VI PDC to ensure that this document is updated appropriately. Public

participation should be assured as the plan is updated. The Region VI PDC will ensure that a public review process *for the entire regional document* is undertaken at least once per five (5)-year period. This public review will include two (2) initiatives: publishing an advertisement in the primary newspaper in all six (6) counties that invites the public to review the existing document with a list of proposed updates (i.e., the public comment form in Appendix 4 can be used to document these comments even during future updates), and placing discussion of the plan on the agenda of one of the council's regularly-scheduled meetings (which are always advertised and open to the public).

This plan should be updated in written form at least once during the five (5)-year cycle. Such updates should be resubmitted to the WVDHSEM and FEMA Region III for approval. Upon approval, participating jurisdictions should re-adopt the plan by resolution.

**APPENDIX 1**

**HAZUS FLOOD REPORTS FOR ALL**

**REGION 6 COUNTIES**

# HAZUS-MH: Flood Event Report

**Region Name:** DoddridgeCounty

**Flood Scenario:** 10-YR

**Print Date:** Monday, January 25, 2010

***Disclaimer:***

*Totals only reflect data for those census tracts/blocks included in the user's study region.*

*The estimates of social and economic impacts contained in this report were produced using HAZUS loss estimation methodology software which is based on current scientific and engineering knowledge. There are uncertainties inherent in any loss estimation technique. Therefore, there may be significant differences between the modeled results contained in this report and the actual social*

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## General Description of the Region

HAZUS is a regional multi-hazard loss estimation model that was developed by the Federal Emergency Management Agency (FEMA) and the National Institute of Building Sciences (NIBS). The primary purpose of HAZUS is to provide a methodology and software application to develop multi-hazard losses at a regional scale. These loss estimates would be used primarily by local, state and regional officials to plan and stimulate efforts to reduce risks from multi-hazards and to prepare for emergency response and recovery.

The flood loss estimates provided in this report were based on a region that included 1 county(ies) from the following state(s):

- West Virginia

**Note:**

Appendix A contains a complete listing of the counties contained in the region.

The geographical size of the region is 320 square miles and contains 660 census blocks. The region contains over 3 thousand households and has a total population of 7,403 people (2000 Census Bureau data). The distribution of population by State and County for the study region is provided in Appendix B.

There are an estimated 4,027 buildings in the region with a total building replacement value (excluding contents) of 544 million dollars (2006 dollars). Approximately 96.05% of the buildings (and 84.39% of the building value) are associated with residential housing.

## General Building Stock

HAZUS estimates that there are 4,027 buildings in the region which have an aggregate total replacement value of 544 million (2006 dollars). Table 1 and Table 2 present the relative distribution of the value with respect to the general occupancies by Study Region and Scenario respectively. Appendix B provides a general distribution of the building value by State and County.

**Table 1  
Building Exposure by Occupancy Type for the Study Region**

<b>Occupancy</b>	<b>Exposure (\$1000)</b>	<b>Percent of Total</b>
Residential	459,083	84.4%
Commercial	39,579	7.3%
Industrial	13,614	2.5%
Agricultural	2,349	0.4%
Religion	11,356	2.1%
Government	9,261	1.7%
Education	8,774	1.6%
<b>Total</b>	<b>544,016</b>	<b>100.00%</b>

**Table 2  
Building Exposure by Occupancy Type for the Scenario**

<b>Occupancy</b>	<b>Exposure (\$1000)</b>	<b>Percent of Total</b>
Residential	257,333	81.3%
Commercial	27,762	8.8%
Industrial	10,297	3.3%
Agricultural	1,960	0.6%
Religion	8,018	2.5%
Government	7,214	2.3%
Education	4,014	1.3%
<b>Total</b>	<b>316,598</b>	<b>100.00%</b>

## Essential Facility Inventory

For essential facilities, there are no hospitals in the region with a total bed capacity of no beds. There are 3 schools, 1 fire station, 1 police station and no emergency operation centers.

## Flood Scenario Parameters

HAZUS used the following set of information to define the flood parameters for the flood loss estimate provided in this report.

<b>Study Region Name:</b>	DoddridgeCounty
<b>Scenario Name:</b>	10-YR
<b>Return Period Analyzed:</b>	10
<b>Analysis Options Analyzed:</b>	No What-Ifs

## General Building Stock Damage

HAZUS estimates that about 28 buildings will be at least moderately damaged. This is over 18% of the total number of buildings in the scenario. There are an estimated 1 buildings that will be completely destroyed. The definition of the 'damage states' is provided in Volume 1: Chapter 5 of the HAZUS Flood technical manual. Table 3 below summarizes the expected damage by general occupancy for the buildings in the region. Table 4 summarizes the expected damage by general building type.

**Table 3: Expected Building Damage by Occupancy**

Occupancy	1-10		11-20		21-30		31-40		41-50		Substantially	
	Count	(%)	Count	(%)	Count	(%)	Count	(%)	Count	(%)	Count	(%)
Agriculture	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Commercial	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Education	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Government	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Industrial	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Religion	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Residential	0	0.00	0	0.00	6	21.43	1	3.57	20	71.43	1	3.57
<b>Total</b>	<b>0</b>		<b>0</b>		<b>6</b>		<b>1</b>		<b>20</b>		<b>1</b>	

**Table 4: Expected Building Damage by Building Type**

Building Type	1-10		11-20		21-30		31-40		41-50		Substantially	
	Count	(%)	Count	(%)	Count	(%)	Count	(%)	Count	(%)	Count	(%)
Concrete	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
ManufHousing	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Masonry	0	0.00	0	0.00	0	0.00	0	0.00	2	100.00	0	0.00
Steel	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Wood	0	0.00	0	0.00	6	23.08	1	3.85	18	69.23	1	3.85

## Essential Facility Damage

Before the flood analyzed in this scenario, the region had hospital beds available for use. On the day of the scenario flood event, the model estimates that hospital beds are available in the region.

**Table 5: Expected Damage to Essential Facilities**

Classification	Total	# Facilities		
		At Least Moderate	At Least Substantial	Loss of Use
Fire Stations	1	0	0	0
Hospitals	0	0	0	0
Police Stations	1	0	0	0
Schools	3	0	0	0

If this report displays all zeros or is blank, two possibilities can explain this.

- (1) None of your facilities were flooded. This can be checked by mapping the inventory data on the depth grid.
- (2) The analysis was not run. This can be tested by checking the run box on the Analysis Menu and seeing if a message box asks you to replace the existing results.

## Induced Flood Damage

### **Debris Generation**

HAZUS estimates the amount of debris that will be generated by the flood. The model breaks debris into three general categories: 1) Finishes (dry wall, insulation, etc.), 2) Structural (wood, brick, etc.) and 3) Foundations (concrete slab, concrete block, rebar, etc.). This distinction is made because of the different types of material handling equipment required to handle the debris.

The model estimates that a total of 7,724 tons of debris will be generated. Of the total amount, Finishes comprises 20% of the total, Structure comprises 42% of the total. If the debris tonnage is converted into an estimated number of truckloads, it will require 309 truckloads (@25 tons/truck) to remove the debris generated by the flood.

## Social Impact

### **Shelter Requirements**

HAZUS estimates the number of households that are expected to be displaced from their homes due to the flood and the associated potential evacuation. HAZUS also estimates those displaced people that will require accommodations in temporary public shelters. The model estimates 126 households will be displaced due to the flood. Displacement includes households evacuated from within or very near to the inundated area. Of these, 70 people (out of a total population of 7,403) will seek temporary shelter in public shelters.

## Economic Loss

The total economic loss estimated for the flood is 30.47 million dollars, which represents 9.65 % of the total replacement value of the scenario buildings.

### **Building-Related Losses**

The building losses are broken into two categories: direct building losses and business interruption losses. The direct building losses are the estimated costs to repair or replace the damage caused to the building and its contents. The business interruption losses are the losses associated with inability to operate a business because of the damage sustained during the flood. Business interruption losses also include the temporary living expenses for those people displaced from their homes because of the flood.

The total building-related losses were 29.94 million dollars. 1% of the estimated losses were related to the business interruption of the region. The residential occupancies made up 39.14% of the total loss. Table 6 below provides a summary of the losses associated with the building damage.

**Table 6: Building-Related Economic Loss Estimates**

(Millions of dollars)

<b>Category</b>	<b>Area</b>	<b>Residential</b>	<b>Commercial</b>	<b>Industrial</b>	<b>Others</b>	<b>Total</b>
<b><u>Building Loss</u></b>						
	Building	7.50	2.46	0.63	2.04	12.62
	Content	4.42	5.13	1.19	6.18	16.92
	Inventory	0.00	0.19	0.16	0.04	0.39
	<b>Subtotal</b>	<b>11.92</b>	<b>7.78</b>	<b>1.99</b>	<b>8.25</b>	<b>29.94</b>
<b><u>Business Interruption</u></b>						
	Income	0.00	0.02	0.00	0.01	0.04
	Relocation	0.01	0.01	0.00	0.00	0.02
	Rental Income	0.00	0.01	0.00	0.00	0.01
	Wage	0.00	0.04	0.00	0.10	0.14
	<b>Subtotal</b>	<b>0.01</b>	<b>0.07</b>	<b>0.00</b>	<b>0.11</b>	<b>0.20</b>
<b>ALL</b>	<b>Total</b>	<b>11.93</b>	<b>7.86</b>	<b>1.99</b>	<b>8.37</b>	<b>30.13</b>

## **Appendix A: County Listing for the Region**

- West Virginia
  - Doddridge

**Appendix B: Regional Population and Building Value Data**

	Population	Building Value (thousands of dollars)		
		Residential	Non-Residential	Total
<b>West Virginia</b>				
Doddridge	7,403	459,083	84,933	544,016
<b>Total</b>	<b>7,403</b>	<b>459,083</b>	<b>84,933</b>	<b>544,016</b>
<b>Total Study Region</b>	<b>7,403</b>	<b>459,083</b>	<b>84,933</b>	<b>544,016</b>

# HAZUS-MH: Flood Event Report

**Region Name:** DoddridgeCounty

**Flood Scenario:** 25-YR

**Print Date:** Monday, January 25, 2010

***Disclaimer:***

*Totals only reflect data for those census tracts/blocks included in the user's study region.*

*The estimates of social and economic impacts contained in this report were produced using HAZUS loss estimation methodology software which is based on current scientific and engineering knowledge. There are uncertainties inherent in any loss estimation technique. Therefore, there may be significant differences between the modeled results contained in this report and the actual social*

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## General Description of the Region

HAZUS is a regional multi-hazard loss estimation model that was developed by the Federal Emergency Management Agency (FEMA) and the National Institute of Building Sciences (NIBS). The primary purpose of HAZUS is to provide a methodology and software application to develop multi-hazard losses at a regional scale. These loss estimates would be used primarily by local, state and regional officials to plan and stimulate efforts to reduce risks from multi-hazards and to prepare for emergency response and recovery.

The flood loss estimates provided in this report were based on a region that included 1 county(ies) from the following state(s):

- West Virginia

**Note:**

Appendix A contains a complete listing of the counties contained in the region.

The geographical size of the region is 320 square miles and contains 660 census blocks. The region contains over 3 thousand households and has a total population of 7,403 people (2000 Census Bureau data). The distribution of population by State and County for the study region is provided in Appendix B.

There are an estimated 4,027 buildings in the region with a total building replacement value (excluding contents) of 544 million dollars (2006 dollars). Approximately 96.05% of the buildings (and 84.39% of the building value) are associated with residential housing.

## General Building Stock

HAZUS estimates that there are 4,027 buildings in the region which have an aggregate total replacement value of 544 million (2006 dollars). Table 1 and Table 2 present the relative distribution of the value with respect to the general occupancies by Study Region and Scenario respectively. Appendix B provides a general distribution of the building value by State and County.

**Table 1  
Building Exposure by Occupancy Type for the Study Region**

<b>Occupancy</b>	<b>Exposure (\$1000)</b>	<b>Percent of Total</b>
Residential	459,083	84.4%
Commercial	39,579	7.3%
Industrial	13,614	2.5%
Agricultural	2,349	0.4%
Religion	11,356	2.1%
Government	9,261	1.7%
Education	8,774	1.6%
<b>Total</b>	<b>544,016</b>	<b>100.00%</b>

**Table 2  
Building Exposure by Occupancy Type for the Scenario**

<b>Occupancy</b>	<b>Exposure (\$1000)</b>	<b>Percent of Total</b>
Residential	238,125	80.6%
Commercial	27,077	9.2%
Industrial	10,297	3.5%
Agricultural	1,960	0.7%
Religion	8,018	2.7%
Government	7,214	2.4%
Education	2,631	0.9%
<b>Total</b>	<b>295,322</b>	<b>100.00%</b>

## Essential Facility Inventory

For essential facilities, there are no hospitals in the region with a total bed capacity of no beds. There are 3 schools, 1 fire station, 1 police station and no emergency operation centers.

## Flood Scenario Parameters

HAZUS used the following set of information to define the flood parameters for the flood loss estimate provided in this report.

<b>Study Region Name:</b>	DoddridgeCounty
<b>Scenario Name:</b>	25-YR
<b>Return Period Analyzed:</b>	25
<b>Analysis Options Analyzed:</b>	No What-Ifs

## General Building Stock Damage

HAZUS estimates that about 31 buildings will be at least moderately damaged. This is over 24% of the total number of buildings in the scenario. There are an estimated 1 buildings that will be completely destroyed. The definition of the 'damage states' is provided in Volume 1: Chapter 5 of the HAZUS Flood technical manual. Table 3 below summarizes the expected damage by general occupancy for the buildings in the region. Table 4 summarizes the expected damage by general building type.

**Table 3: Expected Building Damage by Occupancy**

Occupancy	1-10		11-20		21-30		31-40		41-50		Substantially	
	Count	(%)	Count	(%)	Count	(%)	Count	(%)	Count	(%)	Count	(%)
Agriculture	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Commercial	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Education	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Government	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Industrial	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Religion	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Residential	0	0.00	0	0.00	8	25.81	2	6.45	20	64.52	1	3.23
<b>Total</b>	<b>0</b>		<b>0</b>		<b>8</b>		<b>2</b>		<b>20</b>		<b>1</b>	

**Table 4: Expected Building Damage by Building Type**

Building Type	1-10		11-20		21-30		31-40		41-50		Substantially	
	Count	(%)	Count	(%)	Count	(%)	Count	(%)	Count	(%)	Count	(%)
Concrete	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
ManufHousing	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Masonry	0	0.00	0	0.00	0	0.00	0	0.00	3	100.00	0	0.00
Steel	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Wood	0	0.00	0	0.00	8	28.57	2	7.14	17	60.71	1	3.57

## Essential Facility Damage

Before the flood analyzed in this scenario, the region had hospital beds available for use. On the day of the scenario flood event, the model estimates that hospital beds are available in the region.

**Table 5: Expected Damage to Essential Facilities**

Classification	Total	# Facilities		
		At Least Moderate	At Least Substantial	Loss of Use
Fire Stations	1	0	0	0
Hospitals	0	0	0	0
Police Stations	1	0	0	0
Schools	3	0	0	0

If this report displays all zeros or is blank, two possibilities can explain this.

- (1) None of your facilities were flooded. This can be checked by mapping the inventory data on the depth grid.
- (2) The analysis was not run. This can be tested by checking the run box on the Analysis Menu and seeing if a message box asks you to replace the existing results.

## Induced Flood Damage

### **Debris Generation**

HAZUS estimates the amount of debris that will be generated by the flood. The model breaks debris into three general categories: 1) Finishes (dry wall, insulation, etc.), 2) Structural (wood, brick, etc.) and 3) Foundations (concrete slab, concrete block, rebar, etc.). This distinction is made because of the different types of material handling equipment required to handle the debris.

The model estimates that a total of 7,777 tons of debris will be generated. Of the total amount, Finishes comprises 21% of the total, Structure comprises 42% of the total. If the debris tonnage is converted into an estimated number of truckloads, it will require 311 truckloads (@25 tons/truck) to remove the debris generated by the flood.

## Social Impact

### **Shelter Requirements**

HAZUS estimates the number of households that are expected to be displaced from their homes due to the flood and the associated potential evacuation. HAZUS also estimates those displaced people that will require accommodations in temporary public shelters. The model estimates 134 households will be displaced due to the flood. Displacement includes households evacuated from within or very near to the inundated area. Of these, 80 people (out of a total population of 7,403) will seek temporary shelter in public shelters.

## Economic Loss

The total economic loss estimated for the flood is 31.34 million dollars, which represents 9.92 % of the total replacement value of the scenario buildings.

### **Building-Related Losses**

The building losses are broken into two categories: direct building losses and business interruption losses. The direct building losses are the estimated costs to repair or replace the damage caused to the building and its contents. The business interruption losses are the losses associated with inability to operate a business because of the damage sustained during the flood. Business interruption losses also include the temporary living expenses for those people displaced from their homes because of the flood.

The total building-related losses were 30.80 million dollars. 1% of the estimated losses were related to the business interruption of the region. The residential occupancies made up 41.33% of the total loss. Table 6 below provides a summary of the losses associated with the building damage.

**Table 6: Building-Related Economic Loss Estimates**

(Millions of dollars)

<b>Category</b>	<b>Area</b>	<b>Residential</b>	<b>Commercial</b>	<b>Industrial</b>	<b>Others</b>	<b>Total</b>
<b><u>Building Loss</u></b>						
	Building	8.15	2.42	0.63	1.97	13.17
	Content	4.79	5.14	1.19	6.13	17.24
	Inventory	0.00	0.20	0.17	0.04	0.40
	<b>Subtotal</b>	<b>12.94</b>	<b>7.75</b>	<b>1.98</b>	<b>8.13</b>	<b>30.80</b>
<b><u>Business Interruption</u></b>						
	Income	0.00	0.03	0.00	0.01	0.04
	Relocation	0.01	0.01	0.00	0.00	0.02
	Rental Income	0.00	0.01	0.00	0.00	0.01
	Wage	0.00	0.04	0.00	0.10	0.14
	<b>Subtotal</b>	<b>0.01</b>	<b>0.08</b>	<b>0.00</b>	<b>0.11</b>	<b>0.20</b>
<b>ALL</b>	<b>Total</b>	<b>12.95</b>	<b>7.82</b>	<b>1.98</b>	<b>8.24</b>	<b>31.00</b>

## **Appendix A: County Listing for the Region**

- West Virginia
  - Doddridge

**Appendix B: Regional Population and Building Value Data**

	Building Value (thousands of dollars)			Total
	Population	Residential	Non-Residential	
<b>West Virginia</b>				
Doddridge	7,403	459,083	84,933	544,016
<b>Total</b>	<b>7,403</b>	<b>459,083</b>	<b>84,933</b>	<b>544,016</b>
<b>Total Study Region</b>	<b>7,403</b>	<b>459,083</b>	<b>84,933</b>	<b>544,016</b>

# HAZUS-MH: Flood Event Report

**Region Name:** DoddridgeCounty

**Flood Scenario:** 50-YR

**Print Date:** Monday, January 25, 2010

***Disclaimer:***

*Totals only reflect data for those census tracts/blocks included in the user's study region.*

*The estimates of social and economic impacts contained in this report were produced using HAZUS loss estimation methodology software which is based on current scientific and engineering knowledge. There are uncertainties inherent in any loss estimation technique. Therefore, there may be significant differences between the modeled results contained in this report and the actual social*

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## General Description of the Region

HAZUS is a regional multi-hazard loss estimation model that was developed by the Federal Emergency Management Agency (FEMA) and the National Institute of Building Sciences (NIBS). The primary purpose of HAZUS is to provide a methodology and software application to develop multi-hazard losses at a regional scale. These loss estimates would be used primarily by local, state and regional officials to plan and stimulate efforts to reduce risks from multi-hazards and to prepare for emergency response and recovery.

The flood loss estimates provided in this report were based on a region that included 1 county(ies) from the following state(s):

- West Virginia

**Note:**

Appendix A contains a complete listing of the counties contained in the region.

The geographical size of the region is 320 square miles and contains 660 census blocks. The region contains over 3 thousand households and has a total population of 7,403 people (2000 Census Bureau data). The distribution of population by State and County for the study region is provided in Appendix B.

There are an estimated 4,027 buildings in the region with a total building replacement value (excluding contents) of 544 million dollars (2006 dollars). Approximately 96.05% of the buildings (and 84.39% of the building value) are associated with residential housing.

## General Building Stock

HAZUS estimates that there are 4,027 buildings in the region which have an aggregate total replacement value of 544 million (2006 dollars). Table 1 and Table 2 present the relative distribution of the value with respect to the general occupancies by Study Region and Scenario respectively. Appendix B provides a general distribution of the building value by State and County.

**Table 1**  
**Building Exposure by Occupancy Type for the Study Region**

<b>Occupancy</b>	<b>Exposure (\$1000)</b>	<b>Percent of Total</b>
Residential	459,083	84.4%
Commercial	39,579	7.3%
Industrial	13,614	2.5%
Agricultural	2,349	0.4%
Religion	11,356	2.1%
Government	9,261	1.7%
Education	8,774	1.6%
<b>Total</b>	<b>544,016</b>	<b>100.00%</b>

**Table 2**  
**Building Exposure by Occupancy Type for the Scenario**

<b>Occupancy</b>	<b>Exposure (\$1000)</b>	<b>Percent of Total</b>
Residential	266,392	82.5%
Commercial	26,532	8.2%
Industrial	10,026	3.1%
Agricultural	1,960	0.6%
Religion	8,018	2.5%
Government	7,214	2.2%
Education	2,631	0.8%
<b>Total</b>	<b>322,773</b>	<b>100.00%</b>

## Essential Facility Inventory

For essential facilities, there are no hospitals in the region with a total bed capacity of no beds. There are 3 schools, 1 fire station, 1 police station and no emergency operation centers.

## Flood Scenario Parameters

HAZUS used the following set of information to define the flood parameters for the flood loss estimate provided in this report.

<b>Study Region Name:</b>	DoddridgeCounty
<b>Scenario Name:</b>	50-YR
<b>Return Period Analyzed:</b>	50
<b>Analysis Options Analyzed:</b>	No What-Ifs

## General Building Stock Damage

HAZUS estimates that about 26 buildings will be at least moderately damaged. This is over 14% of the total number of buildings in the scenario. There are an estimated 1 buildings that will be completely destroyed. The definition of the 'damage states' is provided in Volume 1: Chapter 5 of the HAZUS Flood technical manual. Table 3 below summarizes the expected damage by general occupancy for the buildings in the region. Table 4 summarizes the expected damage by general building type.

**Table 3: Expected Building Damage by Occupancy**

Occupancy	1-10		11-20		21-30		31-40		41-50		Substantially	
	Count	(%)	Count	(%)	Count	(%)	Count	(%)	Count	(%)	Count	(%)
Agriculture	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Commercial	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Education	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Government	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Industrial	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Religion	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Residential	0	0.00	0	0.00	4	15.38	0	0.00	21	80.77	1	3.85
<b>Total</b>	<b>0</b>		<b>0</b>		<b>4</b>		<b>0</b>		<b>21</b>		<b>1</b>	

**Table 4: Expected Building Damage by Building Type**

Building Type	1-10		11-20		21-30		31-40		41-50		Substantially	
	Count	(%)	Count	(%)	Count	(%)	Count	(%)	Count	(%)	Count	(%)
Concrete	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
ManufHousing	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Masonry	0	0.00	0	0.00	0	0.00	0	0.00	3	100.00	0	0.00
Steel	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Wood	0	0.00	0	0.00	4	17.39	0	0.00	18	78.26	1	4.35

## Essential Facility Damage

Before the flood analyzed in this scenario, the region had hospital beds available for use. On the day of the scenario flood event, the model estimates that hospital beds are available in the region.

**Table 5: Expected Damage to Essential Facilities**

Classification	Total	# Facilities		
		At Least Moderate	At Least Substantial	Loss of Use
Fire Stations	1	0	0	0
Hospitals	0	0	0	0
Police Stations	1	0	0	0
Schools	3	0	0	0

If this report displays all zeros or is blank, two possibilities can explain this.

- (1) None of your facilities were flooded. This can be checked by mapping the inventory data on the depth grid.
- (2) The analysis was not run. This can be tested by checking the run box on the Analysis Menu and seeing if a message box asks you to replace the existing results.

## Induced Flood Damage

### **Debris Generation**

HAZUS estimates the amount of debris that will be generated by the flood. The model breaks debris into three general categories: 1) Finishes (dry wall, insulation, etc.), 2) Structural (wood, brick, etc.) and 3) Foundations (concrete slab, concrete block, rebar, etc.). This distinction is made because of the different types of material handling equipment required to handle the debris.

The model estimates that a total of 7,848 tons of debris will be generated. Of the total amount, Finishes comprises 21% of the total, Structure comprises 41% of the total. If the debris tonnage is converted into an estimated number of truckloads, it will require 314 truckloads (@25 tons/truck) to remove the debris generated by the flood.

## Social Impact

### **Shelter Requirements**

HAZUS estimates the number of households that are expected to be displaced from their homes due to the flood and the associated potential evacuation. HAZUS also estimates those displaced people that will require accommodations in temporary public shelters. The model estimates 133 households will be displaced due to the flood. Displacement includes households evacuated from within or very near to the inundated area. Of these, 86 people (out of a total population of 7,403) will seek temporary shelter in public shelters.

## Economic Loss

The total economic loss estimated for the flood is 31.75 million dollars, which represents 10.05 % of the total replacement value of the scenario buildings.

### **Building-Related Losses**

The building losses are broken into two categories: direct building losses and business interruption losses. The direct building losses are the estimated costs to repair or replace the damage caused to the building and its contents. The business interruption losses are the losses associated with inability to operate a business because of the damage sustained during the flood. Business interruption losses also include the temporary living expenses for those people displaced from their homes because of the flood.

The total building-related losses were 31.22 million dollars. 1% of the estimated losses were related to the business interruption of the region. The residential occupancies made up 41.82% of the total loss. Table 6 below provides a summary of the losses associated with the building damage.

**Table 6: Building-Related Economic Loss Estimates**

(Millions of dollars)

<b>Category</b>	<b>Area</b>	<b>Residential</b>	<b>Commercial</b>	<b>Industrial</b>	<b>Others</b>	<b>Total</b>
<b><u>Building Loss</u></b>						
	Building	8.37	2.46	0.66	1.99	13.48
	Content	4.90	5.23	1.22	5.98	17.32
	Inventory	0.00	0.20	0.17	0.04	0.41
	<b>Subtotal</b>	<b>13.27</b>	<b>7.88</b>	<b>2.06</b>	<b>8.01</b>	<b>31.22</b>
<b><u>Business Interruption</u></b>						
	Income	0.00	0.03	0.00	0.01	0.04
	Relocation	0.01	0.01	0.00	0.00	0.02
	Rental Income	0.00	0.01	0.00	0.00	0.01
	Wage	0.00	0.04	0.00	0.10	0.14
	<b>Subtotal</b>	<b>0.01</b>	<b>0.08</b>	<b>0.00</b>	<b>0.11</b>	<b>0.20</b>
<b>ALL</b>	<b>Total</b>	<b>13.28</b>	<b>7.97</b>	<b>2.06</b>	<b>8.12</b>	<b>31.42</b>

## **Appendix A: County Listing for the Region**

- West Virginia
  - Doddridge

**Appendix B: Regional Population and Building Value Data**

	Building Value (thousands of dollars)			Total
	Population	Residential	Non-Residential	
<b>West Virginia</b>				
Doddridge	7,403	459,083	84,933	544,016
<b>Total</b>	<b>7,403</b>	<b>459,083</b>	<b>84,933</b>	<b>544,016</b>
<b>Total Study Region</b>	<b>7,403</b>	<b>459,083</b>	<b>84,933</b>	<b>544,016</b>

# HAZUS-MH: Flood Event Report

**Region Name:** DoddridgeCounty

**Flood Scenario:** 100-YR

**Print Date:** Monday, January 25, 2010

***Disclaimer:***

*Totals only reflect data for those census tracts/blocks included in the user's study region.*

*The estimates of social and economic impacts contained in this report were produced using HAZUS loss estimation methodology software which is based on current scientific and engineering knowledge. There are uncertainties inherent in any loss estimation technique. Therefore, there may be significant differences between the modeled results contained in this report and the actual social*

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## General Description of the Region

HAZUS is a regional multi-hazard loss estimation model that was developed by the Federal Emergency Management Agency (FEMA) and the National Institute of Building Sciences (NIBS). The primary purpose of HAZUS is to provide a methodology and software application to develop multi-hazard losses at a regional scale. These loss estimates would be used primarily by local, state and regional officials to plan and stimulate efforts to reduce risks from multi-hazards and to prepare for emergency response and recovery.

The flood loss estimates provided in this report were based on a region that included 1 county(ies) from the following state(s):

- West Virginia

**Note:**

Appendix A contains a complete listing of the counties contained in the region.

The geographical size of the region is 320 square miles and contains 660 census blocks. The region contains over 3 thousand households and has a total population of 7,403 people (2000 Census Bureau data). The distribution of population by State and County for the study region is provided in Appendix B.

There are an estimated 4,027 buildings in the region with a total building replacement value (excluding contents) of 544 million dollars (2006 dollars). Approximately 96.05% of the buildings (and 84.39% of the building value) are associated with residential housing.

### General Building Stock

HAZUS estimates that there are 4,027 buildings in the region which have an aggregate total replacement value of 544 million (2006 dollars). Table 1 and Table 2 present the relative distribution of the value with respect to the general occupancies by Study Region and Scenario respectively. Appendix B provides a general distribution of the building value by State and County.

**Table 1**  
**Building Exposure by Occupancy Type for the Study Region**

<b>Occupancy</b>	<b>Exposure (\$1000)</b>	<b>Percent of Total</b>
Residential	459,083	84.4%
Commercial	39,579	7.3%
Industrial	13,614	2.5%
Agricultural	2,349	0.4%
Religion	11,356	2.1%
Government	9,261	1.7%
Education	8,774	1.6%
<b>Total</b>	<b>544,016</b>	<b>100.00%</b>

**Table 2**  
**Building Exposure by Occupancy Type for the Scenario**

<b>Occupancy</b>	<b>Exposure (\$1000)</b>	<b>Percent of Total</b>
Residential	270,189	82.2%
Commercial	26,360	8.0%
Industrial	9,760	3.0%
Agricultural	1,960	0.6%
Religion	8,018	2.4%
Government	7,214	2.2%
Education	5,331	1.6%
<b>Total</b>	<b>328,832</b>	<b>100.00%</b>

### Essential Facility Inventory

For essential facilities, there are no hospitals in the region with a total bed capacity of no beds. There are 3 schools, 1 fire station, 1 police station and no emergency operation centers.

## Flood Scenario Parameters

HAZUS used the following set of information to define the flood parameters for the flood loss estimate provided in this report.

<b>Study Region Name:</b>	DoddridgeCounty
<b>Scenario Name:</b>	100-YR
<b>Return Period Analyzed:</b>	100
<b>Analysis Options Analyzed:</b>	No What-Ifs

## General Building Stock Damage

HAZUS estimates that about 57 buildings will be at least moderately damaged. This is over 30% of the total number of buildings in the scenario. There are an estimated 7 buildings that will be completely destroyed. The definition of the 'damage states' is provided in Volume 1: Chapter 5 of the HAZUS Flood technical manual. Table 3 below summarizes the expected damage by general occupancy for the buildings in the region. Table 4 summarizes the expected damage by general building type.

**Table 3: Expected Building Damage by Occupancy**

Occupancy	1-10		11-20		21-30		31-40		41-50		Substantially	
	Count	(%)	Count	(%)	Count	(%)	Count	(%)	Count	(%)	Count	(%)
Agriculture	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Commercial	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Education	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Government	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Industrial	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Religion	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Residential	0	0.00	4	7.02	20	35.09	3	5.26	23	40.35	7	12.28
<b>Total</b>	<b>0</b>		<b>4</b>		<b>20</b>		<b>3</b>		<b>23</b>		<b>7</b>	

**Table 4: Expected Building Damage by Building Type**

Building Type	1-10		11-20		21-30		31-40		41-50		Substantially	
	Count	(%)	Count	(%)	Count	(%)	Count	(%)	Count	(%)	Count	(%)
Concrete	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
ManufHousing	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	2	100.00
Masonry	0	0.00	1	7.14	5	35.71	0	0.00	7	50.00	1	7.14
Steel	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Wood	0	0.00	3	7.32	15	36.59	3	7.32	16	39.02	4	9.76

## Essential Facility Damage

Before the flood analyzed in this scenario, the region had hospital beds available for use. On the day of the scenario flood event, the model estimates that hospital beds are available in the region.

**Table 5: Expected Damage to Essential Facilities**

Classification	Total	# Facilities		
		At Least Moderate	At Least Substantial	Loss of Use
Fire Stations	1	0	0	0
Hospitals	0	0	0	0
Police Stations	1	0	0	0
Schools	3	0	0	0

If this report displays all zeros or is blank, two possibilities can explain this.

- (1) None of your facilities were flooded. This can be checked by mapping the inventory data on the depth grid.
- (2) The analysis was not run. This can be tested by checking the run box on the Analysis Menu and seeing if a message box asks you to replace the existing results.

## Induced Flood Damage

### **Debris Generation**

HAZUS estimates the amount of debris that will be generated by the flood. The model breaks debris into three general categories: 1) Finishes (dry wall, insulation, etc.), 2) Structural (wood, brick, etc.) and 3) Foundations (concrete slab, concrete block, rebar, etc.). This distinction is made because of the different types of material handling equipment required to handle the debris.

The model estimates that a total of 10,424 tons of debris will be generated. Of the total amount, Finishes comprises 18% of the total, Structure comprises 43% of the total. If the debris tonnage is converted into an estimated number of truckloads, it will require 417 truckloads (@25 tons/truck) to remove the debris generated by the flood.

## Social Impact

### **Shelter Requirements**

HAZUS estimates the number of households that are expected to be displaced from their homes due to the flood and the associated potential evacuation. HAZUS also estimates those displaced people that will require accommodations in temporary public shelters. The model estimates 140 households will be displaced due to the flood. Displacement includes households evacuated from within or very near to the inundated area. Of these, 128 people (out of a total population of 7,403) will seek temporary shelter in public shelters.

## Economic Loss

The total economic loss estimated for the flood is 37.59 million dollars, which represents 11.90 % of the total replacement value of the scenario buildings.

### Building-Related Losses

The building losses are broken into two categories: direct building losses and business interruption losses. The direct building losses are the estimated costs to repair or replace the damage caused to the building and its contents. The business interruption losses are the losses associated with inability to operate a business because of the damage sustained during the flood. Business interruption losses also include the temporary living expenses for those people displaced from their homes because of the flood.

The total building-related losses were 36.97 million dollars. 1% of the estimated losses were related to the business interruption of the region. The residential occupancies made up 41.31% of the total loss. Table 6 below provides a summary of the losses associated with the building damage.

**Table 6: Building-Related Economic Loss Estimates**

(Millions of dollars)

Category	Area	Residential	Commercial	Industrial	Others	Total
<u>Building Loss</u>						
	Building	9.79	3.17	0.73	2.84	16.53
	Content	5.72	5.82	1.37	7.07	19.99
	Inventory	0.00	0.22	0.19	0.04	0.45
	<b>Subtotal</b>	<b>15.51</b>	<b>9.21</b>	<b>2.29</b>	<b>9.96</b>	<b>36.97</b>
<u>Business Interruption</u>						
	Income	0.00	0.03	0.00	0.02	0.04
	Relocation	0.02	0.01	0.00	0.00	0.03
	Rental Income	0.00	0.01	0.00	0.00	0.01
	Wage	0.00	0.04	0.00	0.12	0.16
	<b>Subtotal</b>	<b>0.02</b>	<b>0.08</b>	<b>0.00</b>	<b>0.13</b>	<b>0.23</b>
<u>ALL</u>	<b>Total</b>	<b>15.53</b>	<b>9.29</b>	<b>2.29</b>	<b>10.09</b>	<b>37.20</b>

## **Appendix A: County Listing for the Region**

- West Virginia
  - Doddridge

**Appendix B: Regional Population and Building Value Data**

	Population	Building Value (thousands of dollars)		
		Residential	Non-Residential	Total
<b>West Virginia</b>				
Doddridge	7,403	459,083	84,933	544,016
<b>Total</b>	<b>7,403</b>	<b>459,083</b>	<b>84,933</b>	<b>544,016</b>
<b>Total Study Region</b>	<b>7,403</b>	<b>459,083</b>	<b>84,933</b>	<b>544,016</b>

# HAZUS-MH: Flood Event Report

**Region Name:** HarrisonCounty

**Flood Scenario:** 10-YR

**Print Date:** Wednesday, March 03, 2010

***Disclaimer:***

*Totals only reflect data for those census tracts/blocks included in the user's study region.*

*The estimates of social and economic impacts contained in this report were produced using HAZUS loss estimation methodology software which is based on current scientific and engineering knowledge. There are uncertainties inherent in any loss estimation technique. Therefore, there may be significant differences between the modeled results contained in this report and the actual social*

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## General Description of the Region

HAZUS is a regional multi-hazard loss estimation model that was developed by the Federal Emergency Management Agency (FEMA) and the National Institute of Building Sciences (NIBS). The primary purpose of HAZUS is to provide a methodology and software application to develop multi-hazard losses at a regional scale. These loss estimates would be used primarily by local, state and regional officials to plan and stimulate efforts to reduce risks from multi-hazards and to prepare for emergency response and recovery.

The flood loss estimates provided in this report were based on a region that included 1 county(ies) from the following state(s):

- West Virginia

Note:

Appendix A contains a complete listing of the counties contained in the region.

The geographical size of the region is 416 square miles and contains 3,035 census blocks. The region contains over 28 thousand households and has a total population of 68,652 people (2000 Census Bureau data). The distribution of population by State and County for the study region is provided in Appendix B.

There are an estimated 34,778 buildings in the region with a total building replacement value (excluding contents) of 5,542 million dollars (2006 dollars). Approximately 95.07% of the buildings (and 80.20% of the building value) are associated with residential housing.

## General Building Stock

HAZUS estimates that there are 34,778 buildings in the region which have an aggregate total replacement value of 5,542 million (2006 dollars). Table 1 and Table 2 present the relative distribution of the value with respect to the general occupancies by Study Region and Scenario respectively. Appendix B provides a general distribution of the building value by State and County.

**Table 1  
Building Exposure by Occupancy Type for the Study Region**

<b>Occupancy</b>	<b>Exposure (\$1000)</b>	<b>Percent of Total</b>
Residential	4,444,729	80.2%
Commercial	721,723	13.0%
Industrial	152,802	2.8%
Agricultural	8,103	0.1%
Religion	76,311	1.4%
Government	54,703	1.0%
Education	83,632	1.5%
<b>Total</b>	<b>5,542,003</b>	<b>100.00%</b>

**Table 2  
Building Exposure by Occupancy Type for the Scenario**

<b>Occupancy</b>	<b>Exposure (\$1000)</b>	<b>Percent of Total</b>
Residential	1,577,386	82.3%
Commercial	240,165	12.5%
Industrial	31,586	1.6%
Agricultural	3,490	0.2%
Religion	17,881	0.9%
Government	11,153	0.6%
Education	34,727	1.8%
<b>Total</b>	<b>1,916,388</b>	<b>100.00%</b>

## Essential Facility Inventory

For essential facilities, there are 2 hospitals in the region with a total bed capacity of 527 beds. There are 27 schools, 13 fire stations, 7 police stations and no emergency operation centers.

## Flood Scenario Parameters

HAZUS used the following set of information to define the flood parameters for the flood loss estimate provided in this report.

<b>Study Region Name:</b>	HarrisonCounty
<b>Scenario Name:</b>	10-YR
<b>Return Period Analyzed:</b>	10
<b>Analysis Options Analyzed:</b>	No What-Ifs

## General Building Stock Damage

HAZUS estimates that about 479 buildings will be at least moderately damaged. This is over 17% of the total number of buildings in the scenario. There are an estimated 162 buildings that will be completely destroyed. The definition of the 'damage states' is provided in Volume 1: Chapter 5 of the HAZUS Flood technical manual. Table 3 below summarizes the expected damage by general occupancy for the buildings in the region. Table 4 summarizes the expected damage by general building type.

**Table 3: Expected Building Damage by Occupancy**

Occupancy	1-10		11-20		21-30		31-40		41-50		Substantially	
	Count	(%)	Count	(%)	Count	(%)	Count	(%)	Count	(%)	Count	(%)
Agriculture	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Commercial	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00
Education	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Government	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Industrial	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Religion	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Residential	0	0.00	4	0.84	92	19.25	36	7.53	185	38.70	161	33.68
<b>Total</b>	<b>0</b>		<b>4</b>		<b>92</b>		<b>36</b>		<b>185</b>		<b>162</b>	

**Table 4: Expected Building Damage by Building Type**

Building Type	1-10		11-20		21-30		31-40		41-50		Substantially	
	Count	(%)	Count	(%)	Count	(%)	Count	(%)	Count	(%)	Count	(%)
Concrete	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
ManufHousing	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	19	100.00
Masonry	0	0.00	1	0.87	24	20.87	9	7.83	48	41.74	33	28.70
Steel	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00
Wood	0	0.00	3	0.87	68	19.77	27	7.85	137	39.83	109	31.69

## Essential Facility Damage

Before the flood analyzed in this scenario, the region had hospital beds available for use. On the day of the scenario flood event, the model estimates that hospital beds are available in the region.

**Table 5: Expected Damage to Essential Facilities**

Classification	Total	# Facilities		
		At Least Moderate	At Least Substantial	Loss of Use
Fire Stations	13	0	1	0
Hospitals	2	0	0	0
Police Stations	7	0	0	0
Schools	27	0	1	0

If this report displays all zeros or is blank, two possibilities can explain this.

- (1) None of your facilities were flooded. This can be checked by mapping the inventory data on the depth grid.
- (2) The analysis was not run. This can be tested by checking the run box on the Analysis Menu and seeing if a message box asks you to replace the existing results.

## Induced Flood Damage

### **Debris Generation**

HAZUS estimates the amount of debris that will be generated by the flood. The model breaks debris into three general categories: 1) Finishes (dry wall, insulation, etc.), 2) Structural (wood, brick, etc.) and 3) Foundations (concrete slab, concrete block, rebar, etc.). This distinction is made because of the different types of material handling equipment required to handle the debris.

The model estimates that a total of 44,593 tons of debris will be generated. Of the total amount, Finishes comprises 27% of the total, Structure comprises 34% of the total. If the debris tonnage is converted into an estimated number of truckloads, it will require 1,784 truckloads (@25 tons/truck) to remove the debris generated by the flood.

## Social Impact

### **Shelter Requirements**

HAZUS estimates the number of households that are expected to be displaced from their homes due to the flood and the associated potential evacuation. HAZUS also estimates those displaced people that will require accommodations in temporary public shelters. The model estimates 1,064 households will be displaced due to the flood. Displacement includes households evacuated from within or very near to the inundated area. Of these, 1,578 people (out of a total population of 68,652) will seek temporary shelter in public shelters.

## Economic Loss

The total economic loss estimated for the flood is 171.73 million dollars, which represents 8.84 % of the total replacement value of the scenario buildings.

### **Building-Related Losses**

The building losses are broken into two categories: direct building losses and business interruption losses. The direct building losses are the estimated costs to repair or replace the damage caused to the building and its contents. The business interruption losses are the losses associated with inability to operate a business because of the damage sustained during the flood. Business interruption losses also include the temporary living expenses for those people displaced from their homes because of the flood.

The total building-related losses were 169.30 million dollars. 1% of the estimated losses were related to the business interruption of the region. The residential occupancies made up 68.53% of the total loss. Table 6 below provides a summary of the losses associated with the building damage.

**Table 6: Building-Related Economic Loss Estimates**

(Millions of dollars)

<b>Category</b>	<b>Area</b>	<b>Residential</b>	<b>Commercial</b>	<b>Industrial</b>	<b>Others</b>	<b>Total</b>
<b><u>Building Loss</u></b>						
	Building	74.30	8.64	2.67	2.48	88.08
	Content	43.24	19.43	5.27	11.74	79.68
	Inventory	0.00	0.58	0.88	0.07	1.53
	<b>Subtotal</b>	<b>117.54</b>	<b>28.66</b>	<b>8.82</b>	<b>14.28</b>	<b>169.30</b>
<b><u>Business Interruption</u></b>						
	Income	0.00	0.11	0.00	0.07	0.19
	Relocation	0.12	0.02	0.00	0.01	0.15
	Rental Income	0.02	0.01	0.00	0.00	0.04
	Wage	0.00	0.14	0.00	0.45	0.59
	<b>Subtotal</b>	<b>0.15</b>	<b>0.28</b>	<b>0.00</b>	<b>0.53</b>	<b>0.96</b>
<b>ALL</b>	<b>Total</b>	<b>117.69</b>	<b>28.93</b>	<b>8.83</b>	<b>14.81</b>	<b>170.26</b>

## **Appendix A: County Listing for the Region**

West Virginia

- Harrison

**Appendix B: Regional Population and Building Value Data**

	Building Value (thousands of dollars)			Total
	Population	Residential	Non-Residential	
<b>West Virginia</b>				
Harrison	68,652	4,444,729	1,097,274	5,542,003
<b>Total</b>	<b>68,652</b>	<b>4,444,729</b>	<b>1,097,274</b>	<b>5,542,003</b>
<b>Total Study Region</b>	<b>68,652</b>	<b>4,444,729</b>	<b>1,097,274</b>	<b>5,542,003</b>

# HAZUS-MH: Flood Event Report

**Region Name:** HarrisonCounty

**Flood Scenario:** 25-YR

**Print Date:** Wednesday, March 03, 2010

***Disclaimer:***

*Totals only reflect data for those census tracts/blocks included in the user's study region.*

*The estimates of social and economic impacts contained in this report were produced using HAZUS loss estimation methodology software which is based on current scientific and engineering knowledge. There are uncertainties inherent in any loss estimation technique. Therefore, there may be significant differences between the modeled results contained in this report and the actual social*

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## General Description of the Region

HAZUS is a regional multi-hazard loss estimation model that was developed by the Federal Emergency Management Agency (FEMA) and the National Institute of Building Sciences (NIBS). The primary purpose of HAZUS is to provide a methodology and software application to develop multi-hazard losses at a regional scale. These loss estimates would be used primarily by local, state and regional officials to plan and stimulate efforts to reduce risks from multi-hazards and to prepare for emergency response and recovery.

The flood loss estimates provided in this report were based on a region that included 1 county(ies) from the following state(s):

- West Virginia

**Note:**

Appendix A contains a complete listing of the counties contained in the region.

The geographical size of the region is 416 square miles and contains 3,035 census blocks. The region contains over 28 thousand households and has a total population of 68,652 people (2000 Census Bureau data). The distribution of population by State and County for the study region is provided in Appendix B.

There are an estimated 34,778 buildings in the region with a total building replacement value (excluding contents) of 5,542 million dollars (2006 dollars). Approximately 95.07% of the buildings (and 80.20% of the building value) are associated with residential housing.

## General Building Stock

HAZUS estimates that there are 34,778 buildings in the region which have an aggregate total replacement value of 5,542 million (2006 dollars). Table 1 and Table 2 present the relative distribution of the value with respect to the general occupancies by Study Region and Scenario respectively. Appendix B provides a general distribution of the building value by State and County.

**Table 1  
Building Exposure by Occupancy Type for the Study Region**

<b>Occupancy</b>	<b>Exposure (\$1000)</b>	<b>Percent of Total</b>
Residential	4,444,729	80.2%
Commercial	721,723	13.0%
Industrial	152,802	2.8%
Agricultural	8,103	0.1%
Religion	76,311	1.4%
Government	54,703	1.0%
Education	83,632	1.5%
<b>Total</b>	<b>5,542,003</b>	<b>100.00%</b>

**Table 2  
Building Exposure by Occupancy Type for the Scenario**

<b>Occupancy</b>	<b>Exposure (\$1000)</b>	<b>Percent of Total</b>
Residential	1,556,313	82.4%
Commercial	232,838	12.3%
Industrial	32,348	1.7%
Agricultural	4,152	0.2%
Religion	18,973	1.0%
Government	8,966	0.5%
Education	35,934	1.9%
<b>Total</b>	<b>1,889,524</b>	<b>100.00%</b>

## Essential Facility Inventory

For essential facilities, there are 2 hospitals in the region with a total bed capacity of 527 beds. There are 27 schools, 13 fire stations, 7 police stations and no emergency operation centers.

## Flood Scenario Parameters

HAZUS used the following set of information to define the flood parameters for the flood loss estimate provided in this report.

<b>Study Region Name:</b>	HarrisonCounty
<b>Scenario Name:</b>	25-YR
<b>Return Period Analyzed:</b>	25
<b>Analysis Options Analyzed:</b>	No What-Ifs

## General Building Stock Damage

HAZUS estimates that about 481 buildings will be at least moderately damaged. This is over 14% of the total number of buildings in the scenario. There are an estimated 163 buildings that will be completely destroyed. The definition of the 'damage states' is provided in Volume 1: Chapter 5 of the HAZUS Flood technical manual. Table 3 below summarizes the expected damage by general occupancy for the buildings in the region. Table 4 summarizes the expected damage by general building type.

**Table 3: Expected Building Damage by Occupancy**

Occupancy	1-10		11-20		21-30		31-40		41-50		Substantially	
	Count	(%)	Count	(%)	Count	(%)	Count	(%)	Count	(%)	Count	(%)
Agriculture	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Commercial	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00
Education	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Government	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Industrial	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Religion	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Residential	0	0.00	2	0.42	77	16.04	39	8.13	200	41.67	162	33.75
<b>Total</b>	<b>0</b>		<b>2</b>		<b>77</b>		<b>39</b>		<b>200</b>		<b>163</b>	

**Table 4: Expected Building Damage by Building Type**

Building Type	1-10		11-20		21-30		31-40		41-50		Substantially	
	Count	(%)	Count	(%)	Count	(%)	Count	(%)	Count	(%)	Count	(%)
Concrete	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
ManufHousing	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	18	100.00
Masonry	0	0.00	0	0.00	18	15.79	8	7.02	53	46.49	35	30.70
Steel	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00
Wood	0	0.00	2	0.57	59	16.95	31	8.91	147	42.24	109	31.32

## Essential Facility Damage

Before the flood analyzed in this scenario, the region had hospital beds available for use. On the day of the scenario flood event, the model estimates that hospital beds are available in the region.

**Table 5: Expected Damage to Essential Facilities**

Classification	Total	# Facilities		
		At Least Moderate	At Least Substantial	Loss of Use
Fire Stations	13	0	1	0
Hospitals	2	0	0	0
Police Stations	7	0	0	0
Schools	27	0	1	0

If this report displays all zeros or is blank, two possibilities can explain this.

- (1) None of your facilities were flooded. This can be checked by mapping the inventory data on the depth grid.
- (2) The analysis was not run. This can be tested by checking the run box on the Analysis Menu and seeing if a message box asks you to replace the existing results.

## Induced Flood Damage

### **Debris Generation**

HAZUS estimates the amount of debris that will be generated by the flood. The model breaks debris into three general categories: 1) Finishes (dry wall, insulation, etc.), 2) Structural (wood, brick, etc.) and 3) Foundations (concrete slab, concrete block, rebar, etc.). This distinction is made because of the different types of material handling equipment required to handle the debris.

The model estimates that a total of 45,787 tons of debris will be generated. Of the total amount, Finishes comprises 27% of the total, Structure comprises 34% of the total. If the debris tonnage is converted into an estimated number of truckloads, it will require 1,831 truckloads (@25 tons/truck) to remove the debris generated by the flood.

## Social Impact

### **Shelter Requirements**

HAZUS estimates the number of households that are expected to be displaced from their homes due to the flood and the associated potential evacuation. HAZUS also estimates those displaced people that will require accommodations in temporary public shelters. The model estimates 1,074 households will be displaced due to the flood. Displacement includes households evacuated from within or very near to the inundated area. Of these, 1,555 people (out of a total population of 68,652) will seek temporary shelter in public shelters.

## Economic Loss

The total economic loss estimated for the flood is 182.94 million dollars, which represents 9.42 % of the total replacement value of the scenario buildings.

### **Building-Related Losses**

The building losses are broken into two categories: direct building losses and business interruption losses. The direct building losses are the estimated costs to repair or replace the damage caused to the building and its contents. The business interruption losses are the losses associated with inability to operate a business because of the damage sustained during the flood. Business interruption losses also include the temporary living expenses for those people displaced from their homes because of the flood.

The total building-related losses were 180.21 million dollars. 1% of the estimated losses were related to the business interruption of the region. The residential occupancies made up 67.32% of the total loss. Table 6 below provides a summary of the losses associated with the building damage.

**Table 6: Building-Related Economic Loss Estimates**

(Millions of dollars)

<b>Category</b>	<b>Area</b>	<b>Residential</b>	<b>Commercial</b>	<b>Industrial</b>	<b>Others</b>	<b>Total</b>
<b><u>Building Loss</u></b>						
	Building	77.76	9.59	2.71	2.92	92.98
	Content	45.23	21.09	5.33	13.97	85.63
	Inventory	0.00	0.65	0.88	0.07	1.60
	<b>Subtotal</b>	<b>123.00</b>	<b>31.33</b>	<b>8.93</b>	<b>16.96</b>	<b>180.21</b>
<b><u>Business Interruption</u></b>						
	Income	0.00	0.12	0.00	0.09	0.21
	Relocation	0.12	0.02	0.00	0.01	0.15
	Rental Income	0.03	0.01	0.00	0.00	0.04
	Wage	0.00	0.14	0.00	0.47	0.62
	<b>Subtotal</b>	<b>0.16</b>	<b>0.29</b>	<b>0.00</b>	<b>0.57</b>	<b>1.02</b>
<b>ALL</b>	<b>Total</b>	<b>123.15</b>	<b>31.62</b>	<b>8.93</b>	<b>17.53</b>	<b>181.23</b>

## **Appendix A: County Listing for the Region**

West Virginia

- Harrison

**Appendix B: Regional Population and Building Value Data**

	Building Value (thousands of dollars)			Total
	Population	Residential	Non-Residential	
<b>West Virginia</b>				
Harrison	68,652	4,444,729	1,097,274	5,542,003
<b>Total</b>	<b>68,652</b>	<b>4,444,729</b>	<b>1,097,274</b>	<b>5,542,003</b>
<b>Total Study Region</b>	<b>68,652</b>	<b>4,444,729</b>	<b>1,097,274</b>	<b>5,542,003</b>

# HAZUS-MH: Flood Event Report

**Region Name:** HarrisonCounty

**Flood Scenario:** 50-YR

**Print Date:** Wednesday, March 03, 2010

***Disclaimer:***

*Totals only reflect data for those census tracts/blocks included in the user's study region.*

*The estimates of social and economic impacts contained in this report were produced using HAZUS loss estimation methodology software which is based on current scientific and engineering knowledge. There are uncertainties inherent in any loss estimation technique. Therefore, there may be significant differences between the modeled results contained in this report and the actual social*

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## General Description of the Region

HAZUS is a regional multi-hazard loss estimation model that was developed by the Federal Emergency Management Agency (FEMA) and the National Institute of Building Sciences (NIBS). The primary purpose of HAZUS is to provide a methodology and software application to develop multi-hazard losses at a regional scale. These loss estimates would be used primarily by local, state and regional officials to plan and stimulate efforts to reduce risks from multi-hazards and to prepare for emergency response and recovery.

The flood loss estimates provided in this report were based on a region that included 1 county(ies) from the following state(s):

- West Virginia

**Note:**

Appendix A contains a complete listing of the counties contained in the region.

The geographical size of the region is 416 square miles and contains 3,035 census blocks. The region contains over 28 thousand households and has a total population of 68,652 people (2000 Census Bureau data). The distribution of population by State and County for the study region is provided in Appendix B.

There are an estimated 34,778 buildings in the region with a total building replacement value (excluding contents) of 5,542 million dollars (2006 dollars). Approximately 95.07% of the buildings (and 80.20% of the building value) are associated with residential housing.

### General Building Stock

HAZUS estimates that there are 34,778 buildings in the region which have an aggregate total replacement value of 5,542 million (2006 dollars). Table 1 and Table 2 present the relative distribution of the value with respect to the general occupancies by Study Region and Scenario respectively. Appendix B provides a general distribution of the building value by State and County.

**Table 1**  
**Building Exposure by Occupancy Type for the Study Region**

<b>Occupancy</b>	<b>Exposure (\$1000)</b>	<b>Percent of Total</b>
Residential	4,444,729	80.2%
Commercial	721,723	13.0%
Industrial	152,802	2.8%
Agricultural	8,103	0.1%
Religion	76,311	1.4%
Government	54,703	1.0%
Education	83,632	1.5%
<b>Total</b>	<b>5,542,003</b>	<b>100.00%</b>

**Table 2**  
**Building Exposure by Occupancy Type for the Scenario**

<b>Occupancy</b>	<b>Exposure (\$1000)</b>	<b>Percent of Total</b>
Residential	1,635,157	82.2%
Commercial	246,916	12.4%
Industrial	39,359	2.0%
Agricultural	3,490	0.2%
Religion	17,881	0.9%
Government	11,214	0.6%
Education	35,734	1.8%
<b>Total</b>	<b>1,989,751</b>	<b>100.00%</b>

### Essential Facility Inventory

For essential facilities, there are 2 hospitals in the region with a total bed capacity of 527 beds. There are 27 schools, 13 fire stations, 7 police stations and no emergency operation centers.

## Flood Scenario Parameters

HAZUS used the following set of information to define the flood parameters for the flood loss estimate provided in this report.

<b>Study Region Name:</b>	HarrisonCounty
<b>Scenario Name:</b>	50-YR
<b>Return Period Analyzed:</b>	50
<b>Analysis Options Analyzed:</b>	No What-Ifs

## General Building Stock Damage

HAZUS estimates that about 640 buildings will be at least moderately damaged. This is over 16% of the total number of buildings in the scenario. There are an estimated 240 buildings that will be completely destroyed. The definition of the 'damage states' is provided in Volume 1: Chapter 5 of the HAZUS Flood technical manual. Table 3 below summarizes the expected damage by general occupancy for the buildings in the region. Table 4 summarizes the expected damage by general building type.

**Table 3: Expected Building Damage by Occupancy**

Occupancy	1-10		11-20		21-30		31-40		41-50		Substantially	
	Count	(%)	Count	(%)	Count	(%)	Count	(%)	Count	(%)	Count	(%)
Agriculture	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Commercial	0	0.00	1	100.00	0	0.00	0	0.00	0	0.00	0	0.00
Education	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Government	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Industrial	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Religion	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Residential	0	0.00	3	0.47	109	17.06	57	8.92	230	35.99	240	37.56
<b>Total</b>	<b>0</b>		<b>4</b>		<b>109</b>		<b>57</b>		<b>230</b>		<b>240</b>	

**Table 4: Expected Building Damage by Building Type**

Building Type	1-10		11-20		21-30		31-40		41-50		Substantially	
	Count	(%)	Count	(%)	Count	(%)	Count	(%)	Count	(%)	Count	(%)
Concrete	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
ManufHousing	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	24	100.00
Masonry	0	0.00	1	0.65	28	18.18	12	7.79	55	35.71	58	37.66
Steel	0	0.00	1	100.00	0	0.00	0	0.00	0	0.00	0	0.00
Wood	0	0.00	2	0.43	81	17.57	45	9.76	175	37.96	158	34.27

## Essential Facility Damage

Before the flood analyzed in this scenario, the region had hospital beds available for use. On the day of the scenario flood event, the model estimates that hospital beds are available in the region.

**Table 5: Expected Damage to Essential Facilities**

Classification	Total	# Facilities		
		At Least Moderate	At Least Substantial	Loss of Use
Fire Stations	13	0	1	0
Hospitals	2	0	0	0
Police Stations	7	0	0	0
Schools	27	0	1	0

If this report displays all zeros or is blank, two possibilities can explain this.

- (1) None of your facilities were flooded. This can be checked by mapping the inventory data on the depth grid.
- (2) The analysis was not run. This can be tested by checking the run box on the Analysis Menu and seeing if a message box asks you to replace the existing results.

## Induced Flood Damage

### **Debris Generation**

HAZUS estimates the amount of debris that will be generated by the flood. The model breaks debris into three general categories: 1) Finishes (dry wall, insulation, etc.), 2) Structural (wood, brick, etc.) and 3) Foundations (concrete slab, concrete block, rebar, etc.). This distinction is made because of the different types of material handling equipment required to handle the debris.

The model estimates that a total of 54,859 tons of debris will be generated. Of the total amount, Finishes comprises 27% of the total, Structure comprises 34% of the total. If the debris tonnage is converted into an estimated number of truckloads, it will require 2,194 truckloads (@25 tons/truck) to remove the debris generated by the flood.

## Social Impact

### **Shelter Requirements**

HAZUS estimates the number of households that are expected to be displaced from their homes due to the flood and the associated potential evacuation. HAZUS also estimates those displaced people that will require accommodations in temporary public shelters. The model estimates 1,275 households will be displaced due to the flood. Displacement includes households evacuated from within or very near to the inundated area. Of these, 2,019 people (out of a total population of 68,652) will seek temporary shelter in public shelters.

## Economic Loss

The total economic loss estimated for the flood is 217.53 million dollars, which represents 11.20 % of the total replacement value of the scenario buildings.

### **Building-Related Losses**

The building losses are broken into two categories: direct building losses and business interruption losses. The direct building losses are the estimated costs to repair or replace the damage caused to the building and its contents. The business interruption losses are the losses associated with inability to operate a business because of the damage sustained during the flood. Business interruption losses also include the temporary living expenses for those people displaced from their homes because of the flood.

The total building-related losses were 214.42 million dollars. 1% of the estimated losses were related to the business interruption of the region. The residential occupancies made up 68.15% of the total loss. Table 6 below provides a summary of the losses associated with the building damage.

**Table 6: Building-Related Economic Loss Estimates**

(Millions of dollars)

<b>Category</b>	<b>Area</b>	<b>Residential</b>	<b>Commercial</b>	<b>Industrial</b>	<b>Others</b>	<b>Total</b>
<b><u>Building Loss</u></b>						
	Building	94.00	11.24	3.21	3.48	111.94
	Content	54.06	24.37	6.27	15.93	100.63
	Inventory	0.00	0.74	1.04	0.08	1.86
	<b>Subtotal</b>	<b>148.06</b>	<b>36.35</b>	<b>10.52</b>	<b>19.49</b>	<b>214.42</b>
<b><u>Business Interruption</u></b>						
	Income	0.00	0.14	0.00	0.10	0.24
	Relocation	0.15	0.02	0.00	0.01	0.19
	Rental Income	0.04	0.02	0.00	0.00	0.05
	Wage	0.00	0.17	0.00	0.56	0.72
	<b>Subtotal</b>	<b>0.19</b>	<b>0.34</b>	<b>0.00</b>	<b>0.66</b>	<b>1.20</b>
<b>ALL</b>	<b>Total</b>	<b>148.25</b>	<b>36.70</b>	<b>10.53</b>	<b>20.15</b>	<b>215.62</b>

## **Appendix A: County Listing for the Region**

West Virginia

- Harrison

**Appendix B: Regional Population and Building Value Data**

	Building Value (thousands of dollars)			Total
	Population	Residential	Non-Residential	
<b>West Virginia</b>				
Harrison	68,652	4,444,729	1,097,274	5,542,003
<b>Total</b>	<b>68,652</b>	<b>4,444,729</b>	<b>1,097,274</b>	<b>5,542,003</b>
<b>Total Study Region</b>	<b>68,652</b>	<b>4,444,729</b>	<b>1,097,274</b>	<b>5,542,003</b>

# HAZUS-MH: Flood Event Report

**Region Name:** HarrisonCounty

**Flood Scenario:** 100-YR

**Print Date:** Wednesday, March 03, 2010

***Disclaimer:***

*Totals only reflect data for those census tracts/blocks included in the user's study region.*

*The estimates of social and economic impacts contained in this report were produced using HAZUS loss estimation methodology software which is based on current scientific and engineering knowledge. There are uncertainties inherent in any loss estimation technique. Therefore, there may be significant differences between the modeled results contained in this report and the actual social*

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## General Description of the Region

HAZUS is a regional multi-hazard loss estimation model that was developed by the Federal Emergency Management Agency (FEMA) and the National Institute of Building Sciences (NIBS). The primary purpose of HAZUS is to provide a methodology and software application to develop multi-hazard losses at a regional scale. These loss estimates would be used primarily by local, state and regional officials to plan and stimulate efforts to reduce risks from multi-hazards and to prepare for emergency response and recovery.

The flood loss estimates provided in this report were based on a region that included 1 county(ies) from the following state(s):

- West Virginia

**Note:**

Appendix A contains a complete listing of the counties contained in the region.

The geographical size of the region is 416 square miles and contains 3,035 census blocks. The region contains over 28 thousand households and has a total population of 68,652 people (2000 Census Bureau data). The distribution of population by State and County for the study region is provided in Appendix B.

There are an estimated 34,778 buildings in the region with a total building replacement value (excluding contents) of 5,542 million dollars (2006 dollars). Approximately 95.07% of the buildings (and 80.20% of the building value) are associated with residential housing.

## General Building Stock

HAZUS estimates that there are 34,778 buildings in the region which have an aggregate total replacement value of 5,542 million (2006 dollars). Table 1 and Table 2 present the relative distribution of the value with respect to the general occupancies by Study Region and Scenario respectively. Appendix B provides a general distribution of the building value by State and County.

**Table 1  
Building Exposure by Occupancy Type for the Study Region**

<b>Occupancy</b>	<b>Exposure (\$1000)</b>	<b>Percent of Total</b>
Residential	4,444,729	80.2%
Commercial	721,723	13.0%
Industrial	152,802	2.8%
Agricultural	8,103	0.1%
Religion	76,311	1.4%
Government	54,703	1.0%
Education	83,632	1.5%
<b>Total</b>	<b>5,542,003</b>	<b>100.00%</b>

**Table 2  
Building Exposure by Occupancy Type for the Scenario**

<b>Occupancy</b>	<b>Exposure (\$1000)</b>	<b>Percent of Total</b>
Residential	1,621,399	82.2%
Commercial	249,628	12.7%
Industrial	31,554	1.6%
Agricultural	3,490	0.2%
Religion	18,253	0.9%
Government	12,017	0.6%
Education	35,734	1.8%
<b>Total</b>	<b>1,972,075</b>	<b>100.00%</b>

## Essential Facility Inventory

For essential facilities, there are 2 hospitals in the region with a total bed capacity of 527 beds. There are 27 schools, 13 fire stations, 7 police stations and no emergency operation centers.

## Flood Scenario Parameters

HAZUS used the following set of information to define the flood parameters for the flood loss estimate provided in this report.

<b>Study Region Name:</b>	HarrisonCounty
<b>Scenario Name:</b>	100-YR
<b>Return Period Analyzed:</b>	100
<b>Analysis Options Analyzed:</b>	No What-Ifs

## General Building Stock Damage

HAZUS estimates that about 615 buildings will be at least moderately damaged. This is over 14% of the total number of buildings in the scenario. There are an estimated 231 buildings that will be completely destroyed. The definition of the 'damage states' is provided in Volume 1: Chapter 5 of the HAZUS Flood technical manual. Table 3 below summarizes the expected damage by general occupancy for the buildings in the region. Table 4 summarizes the expected damage by general building type.

**Table 3: Expected Building Damage by Occupancy**

Occupancy	1-10		11-20		21-30		31-40		41-50		Substantially	
	Count	(%)	Count	(%)	Count	(%)	Count	(%)	Count	(%)	Count	(%)
Agriculture	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Commercial	0	0.00	1	50.00	0	0.00	0	0.00	0	0.00	1	50.00
Education	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Government	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Industrial	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Religion	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Residential	0	0.00	2	0.33	97	15.82	49	7.99	235	38.34	230	37.52
<b>Total</b>	<b>0</b>		<b>3</b>		<b>97</b>		<b>49</b>		<b>235</b>		<b>231</b>	

**Table 4: Expected Building Damage by Building Type**

Building Type	1-10		11-20		21-30		31-40		41-50		Substantially	
	Count	(%)	Count	(%)	Count	(%)	Count	(%)	Count	(%)	Count	(%)
Concrete	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
ManufHousing	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	30	100.00
Masonry	0	0.00	0	0.00	22	15.49	12	8.45	57	40.14	51	35.92
Steel	0	0.00	1	50.00	0	0.00	0	0.00	0	0.00	1	50.00
Wood	0	0.00	2	0.45	75	17.01	37	8.39	178	40.36	149	33.79

## Essential Facility Damage

Before the flood analyzed in this scenario, the region had hospital beds available for use. On the day of the scenario flood event, the model estimates that hospital beds are available in the region.

**Table 5: Expected Damage to Essential Facilities**

Classification	Total	# Facilities		
		At Least Moderate	At Least Substantial	Loss of Use
Fire Stations	13	0	1	0
Hospitals	2	0	0	0
Police Stations	7	0	0	0
Schools	27	0	1	0

If this report displays all zeros or is blank, two possibilities can explain this.

- (1) None of your facilities were flooded. This can be checked by mapping the inventory data on the depth grid.
- (2) The analysis was not run. This can be tested by checking the run box on the Analysis Menu and seeing if a message box asks you to replace the existing results.

## Induced Flood Damage

### **Debris Generation**

HAZUS estimates the amount of debris that will be generated by the flood. The model breaks debris into three general categories: 1) Finishes (dry wall, insulation, etc.), 2) Structural (wood, brick, etc.) and 3) Foundations (concrete slab, concrete block, rebar, etc.). This distinction is made because of the different types of material handling equipment required to handle the debris.

The model estimates that a total of 54,026 tons of debris will be generated. Of the total amount, Finishes comprises 27% of the total, Structure comprises 34% of the total. If the debris tonnage is converted into an estimated number of truckloads, it will require 2,161 truckloads (@25 tons/truck) to remove the debris generated by the flood.

## Social Impact

### **Shelter Requirements**

HAZUS estimates the number of households that are expected to be displaced from their homes due to the flood and the associated potential evacuation. HAZUS also estimates those displaced people that will require accommodations in temporary public shelters. The model estimates 1,252 households will be displaced due to the flood. Displacement includes households evacuated from within or very near to the inundated area. Of these, 2,009 people (out of a total population of 68,652) will seek temporary shelter in public shelters.

## Economic Loss

The total economic loss estimated for the flood is 218.40 million dollars, which represents 11.25 % of the total replacement value of the scenario buildings.

### **Building-Related Losses**

The building losses are broken into two categories: direct building losses and business interruption losses. The direct building losses are the estimated costs to repair or replace the damage caused to the building and its contents. The business interruption losses are the losses associated with inability to operate a business because of the damage sustained during the flood. Business interruption losses also include the temporary living expenses for those people displaced from their homes because of the flood.

The total building-related losses were 215.20 million dollars. 1% of the estimated losses were related to the business interruption of the region. The residential occupancies made up 67.00% of the total loss. Table 6 below provides a summary of the losses associated with the building damage.

**Table 6: Building-Related Economic Loss Estimates**

(Millions of dollars)

<b>Category</b>	<b>Area</b>	<b>Residential</b>	<b>Commercial</b>	<b>Industrial</b>	<b>Others</b>	<b>Total</b>
<b><u>Building Loss</u></b>						
	Building	92.89	11.72	3.35	3.55	111.52
	Content	53.26	25.84	6.53	16.13	101.75
	Inventory	0.00	0.79	1.07	0.08	1.93
	<b>Subtotal</b>	<b>146.15</b>	<b>38.35</b>	<b>10.95</b>	<b>19.76</b>	<b>215.20</b>
<b><u>Business Interruption</u></b>						
	Income	0.00	0.16	0.00	0.10	0.26
	Relocation	0.15	0.03	0.00	0.01	0.19
	Rental Income	0.04	0.02	0.00	0.00	0.06
	Wage	0.00	0.17	0.00	0.58	0.75
	<b>Subtotal</b>	<b>0.19</b>	<b>0.38</b>	<b>0.00</b>	<b>0.68</b>	<b>1.25</b>
<b>ALL</b>	<b>Total</b>	<b>146.34</b>	<b>38.72</b>	<b>10.95</b>	<b>20.45</b>	<b>216.46</b>

## **Appendix A: County Listing for the Region**

West Virginia

- Harrison

**Appendix B: Regional Population and Building Value Data**

	Building Value (thousands of dollars)			Total
	Population	Residential	Non-Residential	
<b>West Virginia</b>				
Harrison	68,652	4,444,729	1,097,274	5,542,003
<b>Total</b>	<b>68,652</b>	<b>4,444,729</b>	<b>1,097,274</b>	<b>5,542,003</b>
<b>Total Study Region</b>	<b>68,652</b>	<b>4,444,729</b>	<b>1,097,274</b>	<b>5,542,003</b>



West Virginia Statewide HAZUS Level I Flood Analysis Project

# MARION COUNTY

## WEST VIRGINIA

## HAZUS-MH: FLOOD EVENT REPORT

# 10 Year Flood Scenario



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### DISCLAIMER

Totals only reflect data for those census tracts/blocks included in the user's study region. The estimates of social and economic impacts contained in this report were produced using HAZUS loss estimation methodology software which is based on current scientific and engineering knowledge. There are uncertainties inherent in any loss estimation technique. Therefore, there may be significant differences between the modeled results contained in this report and the actual social and economic losses following a specific flood. These results can be improved by using enhanced inventory data and flood hazard information.

Report Date: May 25, 2010

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## General Description of the Region

HAZUS is a regional multi-hazard loss estimation model that was developed by the Federal Emergency Management Agency (FEMA) and the National Institute of Building Sciences (NIBS). The primary purpose of HAZUS is to provide a methodology and software application to develop multi-hazard losses at a regional scale. These loss estimates would be used primarily by local, state and regional officials to plan and stimulate efforts to reduce risks from multi-hazards and to prepare for emergency response and recovery.

The flood loss estimates provided in this report were based on a region that included 1 county(ies) from the following state(s):

- West Virginia

**Note:**

Appendix A contains a complete listing of the counties contained in the region.

The geographical size of the region is 310 square miles and contains 2,193 census blocks. The region contains over 24 thousand households and has a total population of 56,598 people (2000 Census Bureau data). The distribution of population by State and County for the study region is provided in Appendix B.

There are an estimated 29,424 buildings in the region with a total building replacement value (excluding contents) of 4,546 million dollars (2006 dollars). Approximately 95.43% of the buildings (and 80.85% of the building value) are associated with residential housing.



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## General Building Stock

HAZUS estimates that there are 29,424 buildings in the region which have an aggregate total replacement value of 4,546 million (2006 dollars). Table 1 and Table 2 present the relative distribution of the value with respect to the general occupancies by Study Region and Scenario respectively. Appendix B provides a general distribution of the building value by State and County.

**Table 1  
Building Exposure by Occupancy Type for the Study Region**

<b>Occupancy</b>	<b>Exposure (\$1000)</b>	<b>Percent of Total</b>
Residential	3,675,675	80.8%
Commercial	566,130	12.5%
Industrial	122,933	2.7%
Agricultural	5,345	0.1%
Religion	78,292	1.7%
Government	47,969	1.1%
Education	49,968	1.1%
<b>Total</b>	<b>4,546,312</b>	<b>100.00%</b>

**Table 2  
Building Exposure by Occupancy Type for the Scenario**

<b>Occupancy</b>	<b>Exposure (\$1000)</b>	<b>Percent of Total</b>
Residential	1,073,912	86.5%
Commercial	104,216	8.4%
Industrial	16,673	1.3%
Agricultural	1,516	0.1%
Religion	21,554	1.7%
Government	15,095	1.2%
Education	8,975	0.7%
<b>Total</b>	<b>1,241,941</b>	<b>100.00%</b>

## Essential Facility Inventory

For essential facilities, there are 1 hospitals in the region with a total bed capacity of 199 beds. There are 21 schools, 8 fire stations, 4 police stations and no emergency operation centers.

## Flood Scenario Parameters

HAZUS used the following set of information to define the flood parameters for the flood loss estimate provided in this report.

<b>Study Region Name:</b>	MarionCounty
<b>Scenario Name:</b>	10-YR
<b>Return Period Analyzed:</b>	10
<b>Analysis Options Analyzed:</b>	No What-Ifs



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## General Building Stock Damage

HAZUS estimates that about 267 buildings will be at least moderately damaged. This is over 26% of the total number of buildings in the scenario. There are an estimated 21 buildings that will be completely destroyed. The definition of the 'damage states' is provided in Volume 1: Chapter 5 of the HAZUS Flood technical manual. Table 3 below summarizes the expected damage by general occupancy for the buildings in the region. Table 4 summarizes the expected damage by general building type.

**Table 3: Expected Building Damage by Occupancy**

Occupancy	1-10		11-20		21-30		31-40		41-50		Substantially	
	Count	(%)	Count	(%)	Count	(%)	Count	(%)	Count	(%)	Count	(%)
Agriculture	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Commercial	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Education	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Government	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Industrial	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00
Religion	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Residential	0	0.00	4	1.50	83	31.20	22	8.27	137	51.50	20	7.52
<b>Total</b>	<b>0</b>		<b>4</b>		<b>83</b>		<b>22</b>		<b>137</b>		<b>21</b>	

**Table 4: Expected Building Damage by Building Type**

Building Type	1-10		11-20		21-30		31-40		41-50		Substantially	
	Count	(%)	Count	(%)	Count	(%)	Count	(%)	Count	(%)	Count	(%)
Concrete	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
ManufHousing	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	11	100.00
Masonry	0	0.00	0	0.00	19	34.55	3	5.45	32	58.18	1	1.82
Steel	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00
Wood	0	0.00	4	2.00	64	32.00	19	9.50	105	52.50	8	4.00



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## Essential Facility Damage

Before the flood analyzed in this scenario, the region had hospital beds available for use. On the day of the scenario flood event, the model estimates that hospital beds are available in the region.

**Table 5: Expected Damage to Essential Facilities**

Classification	Total	# Facilities		
		At Least Moderate	At Least Substantial	Loss of Use
Fire Stations	8	0	0	0
Hospitals	1	0	0	0
Police Stations	4	0	0	0
Schools	21	0	0	0

If this report displays all zeros or is blank, two possibilities can explain this.

- (1) None of your facilities were flooded. This can be checked by mapping the inventory data on the depth grid.
- (2) The analysis was not run. This can be tested by checking the run box on the Analysis Menu and seeing if a message box asks you to replace the existing results.



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## Induced Flood Damage

### Debris Generation

HAZUS estimates the amount of debris that will be generated by the flood. The model breaks debris into three general categories: 1) Finishes (dry wall, insulation, etc.), 2) Structural (wood, brick, etc.) and 3) Foundations (concrete slab, concrete block, rebar, etc.). This distinction is made because of the different types of material handling equipment required to handle the debris.

The model estimates that a total of 22,399 tons of debris will be generated. Of the total amount, Finishes comprises 30% of the total, Structure comprises 34% of the total. If the debris tonnage is converted into an estimated number of truckloads, it will require 896 truckloads (@25 tons/truck) to remove the debris generated by the flood.

## Social Impact

### Shelter Requirements

HAZUS estimates the number of households that are expected to be displaced from their homes due to the flood and the associated potential evacuation. HAZUS also estimates those displaced people that will require accommodations in temporary public shelters. The model estimates 639 households will be displaced due to the flood. Displacement includes households evacuated from within or very near to the inundated area. Of these, 683 people (out of a total population of 56,598) will seek temporary shelter in public shelters.



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## Economic Loss

The total economic loss estimated for the flood is 100.88 million dollars, which represents 7.24 % of the total replacement value of the scenario buildings.

### Building-Related Losses

The building losses are broken into two categories: direct building losses and business interruption losses. The direct building losses are the estimated costs to repair or replace the damage caused to the building and its contents. The business interruption losses are the losses associated with inability to operate a business because of the damage sustained during the flood. Business interruption losses also include the temporary living expenses for those people displaced from their homes because of the flood.

The total building-related losses were 99.45 million dollars. 1% of the estimated losses were related to the business interruption of the region. The residential occupancies made up 63.87% of the total loss. Table 6 below provides a summary of the losses associated with the building damage.

**Table 6: Building-Related Economic Loss Estimates**

(Millions of dollars)

Category	Area	Residential	Commercial	Industrial	Others	Total
<u>Building Loss</u>						
	Building	40.15	5.31	1.45	2.16	49.07
	Content	24.21	12.12	3.25	9.70	49.27
	Inventory	0.00	0.38	0.70	0.03	1.11
	<b>Subtotal</b>	<b>64.35</b>	<b>17.81</b>	<b>5.40</b>	<b>11.89</b>	<b>99.45</b>
<u>Business Interruption</u>						
	Income	0.00	0.06	0.00	0.02	0.09
	Relocation	0.07	0.01	0.00	0.00	0.08
	Rental Income	0.01	0.01	0.00	0.00	0.02
	Wage	0.01	0.08	0.00	0.51	0.60
	<b>Subtotal</b>	<b>0.08</b>	<b>0.17</b>	<b>0.00</b>	<b>0.54</b>	<b>0.78</b>
<u>ALL</u>	<b>Total</b>	<b>64.44</b>	<b>17.97</b>	<b>5.40</b>	<b>12.43</b>	<b>100.24</b>



## Appendix A: County Listing for the Region

West Virginia  
- Marion



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**Appendix B: Regional Population and Building Value Data**

	Building Value (thousands of dollars)			
	Population	Residential	Non-Residential	Total
<b>West Virginia</b>				
Marion	56,598	3,675,675	870,637	4,546,312
<b>Total</b>	<b>56,598</b>	<b>3,675,675</b>	<b>870,637</b>	<b>4,546,312</b>
<b>Total Study Region</b>	<b>56,598</b>	<b>3,675,675</b>	<b>870,637</b>	<b>4,546,312</b>





West Virginia Statewide HAZUS Level I Flood Analysis Project

# MARION COUNTY

## WEST VIRGINIA

## HAZUS-MH: FLOOD EVENT REPORT

# 25 Year Flood Scenario



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### DISCLAIMER

Totals only reflect data for those census tracts/blocks included in the user's study region. The estimates of social and economic impacts contained in this report were produced using HAZUS loss estimation methodology software which is based on current scientific and engineering knowledge. There are uncertainties inherent in any loss estimation technique. Therefore, there may be significant differences between the modeled results contained in this report and the actual social and economic losses following a specific flood. These results can be improved by using enhanced inventory data and flood hazard information.

Report Date: May 25, 2010

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## General Description of the Region

HAZUS is a regional multi-hazard loss estimation model that was developed by the Federal Emergency Management Agency (FEMA) and the National Institute of Building Sciences (NIBS). The primary purpose of HAZUS is to provide a methodology and software application to develop multi-hazard losses at a regional scale. These loss estimates would be used primarily by local, state and regional officials to plan and stimulate efforts to reduce risks from multi-hazards and to prepare for emergency response and recovery.

The flood loss estimates provided in this report were based on a region that included 1 county(ies) from the following state(s):

- West Virginia

**Note:**

Appendix A contains a complete listing of the counties contained in the region.

The geographical size of the region is 310 square miles and contains 2,193 census blocks. The region contains over 24 thousand households and has a total population of 56,598 people (2000 Census Bureau data). The distribution of population by State and County for the study region is provided in Appendix B.

There are an estimated 29,424 buildings in the region with a total building replacement value (excluding contents) of 4,546 million dollars (2006 dollars). Approximately 95.43% of the buildings (and 80.85% of the building value) are associated with residential housing.



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## General Building Stock

HAZUS estimates that there are 29,424 buildings in the region which have an aggregate total replacement value of 4,546 million (2006 dollars). Table 1 and Table 2 present the relative distribution of the value with respect to the general occupancies by Study Region and Scenario respectively. Appendix B provides a general distribution of the building value by State and County.

**Table 1  
Building Exposure by Occupancy Type for the Study Region**

<b>Occupancy</b>	<b>Exposure (\$1000)</b>	<b>Percent of Total</b>
Residential	3,675,675	80.8%
Commercial	566,130	12.5%
Industrial	122,933	2.7%
Agricultural	5,345	0.1%
Religion	78,292	1.7%
Government	47,969	1.1%
Education	49,968	1.1%
<b>Total</b>	<b>4,546,312</b>	<b>100.00%</b>

**Table 2  
Building Exposure by Occupancy Type for the Scenario**

<b>Occupancy</b>	<b>Exposure (\$1000)</b>	<b>Percent of Total</b>
Residential	1,135,514	87.0%
Commercial	104,872	8.0%
Industrial	16,797	1.3%
Agricultural	1,582	0.1%
Religion	22,419	1.7%
Government	15,034	1.2%
Education	8,975	0.7%
<b>Total</b>	<b>1,305,193</b>	<b>100.00%</b>

## Essential Facility Inventory

For essential facilities, there are 1 hospitals in the region with a total bed capacity of 199 beds. There are 21 schools, 8 fire stations, 4 police stations and no emergency operation centers.

## Flood Scenario Parameters

HAZUS used the following set of information to define the flood parameters for the flood loss estimate provided in this report.

<b>Study Region Name:</b>	MarionCounty
<b>Scenario Name:</b>	25-YR
<b>Return Period Analyzed:</b>	25
<b>Analysis Options Analyzed:</b>	No What-Ifs



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## General Building Stock Damage

HAZUS estimates that about 317 buildings will be at least moderately damaged. This is over 23% of the total number of buildings in the scenario. There are an estimated 36 buildings that will be completely destroyed. The definition of the 'damage states' is provided in Volume 1: Chapter 5 of the HAZUS Flood technical manual. Table 3 below summarizes the expected damage by general occupancy for the buildings in the region. Table 4 summarizes the expected damage by general building type.

**Table 3: Expected Building Damage by Occupancy**

Occupancy	1-10		11-20		21-30		31-40		41-50		Substantially	
	Count	(%)	Count	(%)	Count	(%)	Count	(%)	Count	(%)	Count	(%)
Agriculture	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Commercial	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Education	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Government	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Industrial	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00
Religion	0	0.00	1	100.00	0	0.00	0	0.00	0	0.00	0	0.00
Residential	0	0.00	1	0.32	84	26.67	31	9.84	164	52.06	35	11.11
<b>Total</b>	<b>0</b>		<b>2</b>		<b>84</b>		<b>31</b>		<b>164</b>		<b>36</b>	

**Table 4: Expected Building Damage by Building Type**

Building Type	1-10		11-20		21-30		31-40		41-50		Substantially	
	Count	(%)	Count	(%)	Count	(%)	Count	(%)	Count	(%)	Count	(%)
Concrete	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
ManufHousing	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	15	100.00
Masonry	0	0.00	0	0.00	22	32.35	6	8.82	38	55.88	2	2.94
Steel	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00
Wood	0	0.00	1	0.43	62	26.72	25	10.78	126	54.31	18	7.76



## Essential Facility Damage

Before the flood analyzed in this scenario, the region had hospital beds available for use. On the day of the scenario flood event, the model estimates that hospital beds are available in the region.

**Table 5: Expected Damage to Essential Facilities**

Classification	Total	# Facilities		
		At Least Moderate	At Least Substantial	Loss of Use
Fire Stations	8	0	0	0
Hospitals	1	0	0	0
Police Stations	4	0	0	0
Schools	21	0	0	0

If this report displays all zeros or is blank, two possibilities can explain this.

- (1) None of your facilities were flooded. This can be checked by mapping the inventory data on the depth grid.
- (2) The analysis was not run. This can be tested by checking the run box on the Analysis Menu and seeing if a message box asks you to replace the existing results.



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## Induced Flood Damage

### **Debris Generation**

HAZUS estimates the amount of debris that will be generated by the flood. The model breaks debris into three general categories: 1) Finishes (dry wall, insulation, etc.), 2) Structural (wood, brick, etc.) and 3) Foundations (concrete slab, concrete block, rebar, etc.). This distinction is made because of the different types of material handling equipment required to handle the debris.

The model estimates that a total of 26,472 tons of debris will be generated. Of the total amount, Finishes comprises 30% of the total, Structure comprises 34% of the total. If the debris tonnage is converted into an estimated number of truckloads, it will require 1,059 truckloads (@25 tons/truck) to remove the debris generated by the flood.

## Social Impact

### **Shelter Requirements**

HAZUS estimates the number of households that are expected to be displaced from their homes due to the flood and the associated potential evacuation. HAZUS also estimates those displaced people that will require accommodations in temporary public shelters. The model estimates 704 households will be displaced due to the flood. Displacement includes households evacuated from within or very near to the inundated area. Of these, 773 people (out of a total population of 56,598) will seek temporary shelter in public shelters.



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## Economic Loss

The total economic loss estimated for the flood is 117.06 million dollars, which represents 8.40 % of the total replacement value of the scenario buildings.

### Building-Related Losses

The building losses are broken into two categories: direct building losses and business interruption losses. The direct building losses are the estimated costs to repair or replace the damage caused to the building and its contents. The business interruption losses are the losses associated with inability to operate a business because of the damage sustained during the flood. Business interruption losses also include the temporary living expenses for those people displaced from their homes because of the flood.

The total building-related losses were 115.43 million dollars. 1% of the estimated losses were related to the business interruption of the region. The residential occupancies made up 63.56% of the total loss. Table 6 below provides a summary of the losses associated with the building damage.

**Table 6: Building-Related Economic Loss Estimates**

(Millions of dollars)

Category	Area	Residential	Commercial	Industrial	Others	Total
<u>Building Loss</u>						
	Building	46.47	6.18	1.81	2.62	57.07
	Content	27.84	13.92	4.06	11.18	57.00
	Inventory	0.00	0.43	0.89	0.04	1.36
	<b>Subtotal</b>	<b>74.31</b>	<b>20.52</b>	<b>6.77</b>	<b>13.84</b>	<b>115.43</b>
<u>Business Interruption</u>						
	Income	0.00	0.08	0.00	0.03	0.10
	Relocation	0.08	0.02	0.00	0.00	0.09
	Rental Income	0.01	0.01	0.00	0.00	0.02
	Wage	0.01	0.09	0.00	0.57	0.67
	<b>Subtotal</b>	<b>0.09</b>	<b>0.20</b>	<b>0.00</b>	<b>0.60</b>	<b>0.89</b>
<u>ALL</u>	<b>Total</b>	<b>74.40</b>	<b>20.71</b>	<b>6.77</b>	<b>14.44</b>	<b>116.32</b>



## Appendix A: County Listing for the Region

West Virginia  
- Marion



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**Appendix B: Regional Population and Building Value Data**

	Building Value (thousands of dollars)			
	Population	Residential	Non-Residential	Total
<b>West Virginia</b>				
Marion	56,598	3,675,675	870,637	4,546,312
<b>Total</b>	<b>56,598</b>	<b>3,675,675</b>	<b>870,637</b>	<b>4,546,312</b>
<b>Total Study Region</b>	<b>56,598</b>	<b>3,675,675</b>	<b>870,637</b>	<b>4,546,312</b>



West Virginia Statewide HAZUS Level I Flood Analysis Project

# MARION COUNTY

## WEST VIRGINIA

## HAZUS-MH: FLOOD EVENT REPORT

# 50 Year Flood Scenario



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### DISCLAIMER

Totals only reflect data for those census tracts/blocks included in the user's study region. The estimates of social and economic impacts contained in this report were produced using HAZUS loss estimation methodology software which is based on current scientific and engineering knowledge. There are uncertainties inherent in any loss estimation technique. Therefore, there may be significant differences between the modeled results contained in this report and the actual social and economic losses following a specific flood. These results can be improved by using enhanced inventory data and flood hazard information.

Report Date: May 25, 2010

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**Baker**



## General Description of the Region

HAZUS is a regional multi-hazard loss estimation model that was developed by the Federal Emergency Management Agency (FEMA) and the National Institute of Building Sciences (NIBS). The primary purpose of HAZUS is to provide a methodology and software application to develop multi-hazard losses at a regional scale. These loss estimates would be used primarily by local, state and regional officials to plan and stimulate efforts to reduce risks from multi-hazards and to prepare for emergency response and recovery.

The flood loss estimates provided in this report were based on a region that included 1 county(ies) from the following state(s):

- West Virginia

**Note:**

Appendix A contains a complete listing of the counties contained in the region.

The geographical size of the region is 310 square miles and contains 2,193 census blocks. The region contains over 24 thousand households and has a total population of 56,598 people (2000 Census Bureau data). The distribution of population by State and County for the study region is provided in Appendix B.

There are an estimated 29,424 buildings in the region with a total building replacement value (excluding contents) of 4,546 million dollars (2006 dollars). Approximately 95.43% of the buildings (and 80.85% of the building value) are associated with residential housing.



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## General Building Stock

HAZUS estimates that there are 29,424 buildings in the region which have an aggregate total replacement value of 4,546 million (2006 dollars). Table 1 and Table 2 present the relative distribution of the value with respect to the general occupancies by Study Region and Scenario respectively. Appendix B provides a general distribution of the building value by State and County.

**Table 1  
Building Exposure by Occupancy Type for the Study Region**

<b>Occupancy</b>	<b>Exposure (\$1000)</b>	<b>Percent of Total</b>
Residential	3,675,675	80.8%
Commercial	566,130	12.5%
Industrial	122,933	2.7%
Agricultural	5,345	0.1%
Religion	78,292	1.7%
Government	47,969	1.1%
Education	49,968	1.1%
<b>Total</b>	<b>4,546,312</b>	<b>100.00%</b>

**Table 2  
Building Exposure by Occupancy Type for the Scenario**

<b>Occupancy</b>	<b>Exposure (\$1000)</b>	<b>Percent of Total</b>
Residential	1,286,053	85.2%
Commercial	147,874	9.8%
Industrial	20,806	1.4%
Agricultural	1,653	0.1%
Religion	25,544	1.7%
Government	15,095	1.0%
Education	12,860	0.9%
<b>Total</b>	<b>1,509,885</b>	<b>100.00%</b>

## Essential Facility Inventory

For essential facilities, there are 1 hospitals in the region with a total bed capacity of 199 beds. There are 21 schools, 8 fire stations, 4 police stations and no emergency operation centers.



**Baker**



## Flood Scenario Parameters

HAZUS used the following set of information to define the flood parameters for the flood loss estimate provided in this report.

<b>Study Region Name:</b>	MarionCounty
<b>Scenario Name:</b>	50-YR
<b>Return Period Analyzed:</b>	50
<b>Analysis Options Analyzed:</b>	No What-Ifs



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## General Building Stock Damage

HAZUS estimates that about 336 buildings will be at least moderately damaged. This is over 20% of the total number of buildings in the scenario. There are an estimated 50 buildings that will be completely destroyed. The definition of the 'damage states' is provided in Volume 1: Chapter 5 of the HAZUS Flood technical manual. Table 3 below summarizes the expected damage by general occupancy for the buildings in the region. Table 4 summarizes the expected damage by general building type.

**Table 3: Expected Building Damage by Occupancy**

Occupancy	1-10		11-20		21-30		31-40		41-50		Substantially	
	Count	(%)	Count	(%)	Count	(%)	Count	(%)	Count	(%)	Count	(%)
Agriculture	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Commercial	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Education	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Government	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Industrial	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Religion	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Residential	0	0.00	2	0.60	78	23.21	31	9.23	175	52.08	50	14.88
<b>Total</b>	<b>0</b>		<b>2</b>		<b>78</b>		<b>31</b>		<b>175</b>		<b>50</b>	

**Table 4: Expected Building Damage by Building Type**

Building Type	1-10		11-20		21-30		31-40		41-50		Substantially	
	Count	(%)	Count	(%)	Count	(%)	Count	(%)	Count	(%)	Count	(%)
Concrete	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
ManufHousing	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	20	100.00
Masonry	0	0.00	0	0.00	18	24.66	8	10.96	43	58.90	4	5.48
Steel	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Wood	0	0.00	2	0.82	60	24.69	23	9.47	132	54.32	26	10.70



**Baker**



## Essential Facility Damage

Before the flood analyzed in this scenario, the region had hospital beds available for use. On the day of the scenario flood event, the model estimates that hospital beds are available in the region.

**Table 5: Expected Damage to Essential Facilities**

Classification	Total	# Facilities		
		At Least Moderate	At Least Substantial	Loss of Use
Fire Stations	8	0	0	0
Hospitals	1	0	0	0
Police Stations	4	0	0	0
Schools	21	0	0	0

If this report displays all zeros or is blank, two possibilities can explain this.

- (1) None of your facilities were flooded. This can be checked by mapping the inventory data on the depth grid.
- (2) The analysis was not run. This can be tested by checking the run box on the Analysis Menu and seeing if a message box asks you to replace the existing results.



**Baker**



## Induced Flood Damage

### **Debris Generation**

HAZUS estimates the amount of debris that will be generated by the flood. The model breaks debris into three general categories: 1) Finishes (dry wall, insulation, etc.), 2) Structural (wood, brick, etc.) and 3) Foundations (concrete slab, concrete block, rebar, etc.). This distinction is made because of the different types of material handling equipment required to handle the debris.

The model estimates that a total of 30,397 tons of debris will be generated. Of the total amount, Finishes comprises 29% of the total, Structure comprises 35% of the total. If the debris tonnage is converted into an estimated number of truckloads, it will require 1,216 truckloads (@25 tons/truck) to remove the debris generated by the flood.

## Social Impact

### **Shelter Requirements**

HAZUS estimates the number of households that are expected to be displaced from their homes due to the flood and the associated potential evacuation. HAZUS also estimates those displaced people that will require accommodations in temporary public shelters. The model estimates 755 households will be displaced due to the flood. Displacement includes households evacuated from within or very near to the inundated area. Of these, 821 people (out of a total population of 56,598) will seek temporary shelter in public shelters.



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## Economic Loss

The total economic loss estimated for the flood is 137.62 million dollars, which represents 9.88 % of the total replacement value of the scenario buildings.

### Building-Related Losses

The building losses are broken into two categories: direct building losses and business interruption losses. The direct building losses are the estimated costs to repair or replace the damage caused to the building and its contents. The business interruption losses are the losses associated with inability to operate a business because of the damage sustained during the flood. Business interruption losses also include the temporary living expenses for those people displaced from their homes because of the flood.

The total building-related losses were 135.72 million dollars. 1% of the estimated losses were related to the business interruption of the region. The residential occupancies made up 61.03% of the total loss. Table 6 below provides a summary of the losses associated with the building damage.

**Table 6: Building-Related Economic Loss Estimates**

(Millions of dollars)

Category	Area	Residential	Commercial	Industrial	Others	Total
<u>Building Loss</u>						
	Building	52.36	9.34	2.04	2.97	66.71
	Content	31.52	19.66	4.56	11.62	67.36
	Inventory	0.00	0.63	0.98	0.05	1.65
	<b>Subtotal</b>	<b>83.88</b>	<b>29.62</b>	<b>7.57</b>	<b>14.64</b>	<b>135.72</b>
<u>Business Interruption</u>						
	Income	0.01	0.11	0.00	0.03	0.14
	Relocation	0.08	0.03	0.00	0.00	0.11
	Rental Income	0.01	0.02	0.00	0.00	0.03
	Wage	0.01	0.12	0.00	0.61	0.74
	<b>Subtotal</b>	<b>0.11</b>	<b>0.28</b>	<b>0.00</b>	<b>0.64</b>	<b>1.03</b>
<u>ALL</u>	<b>Total</b>	<b>83.99</b>	<b>29.90</b>	<b>7.57</b>	<b>15.28</b>	<b>136.74</b>



**Baker**



## Appendix A: County Listing for the Region

West Virginia  
- Marion



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**Appendix B: Regional Population and Building Value Data**

	Building Value (thousands of dollars)			
	Population	Residential	Non-Residential	Total
<b>West Virginia</b>				
Marion	56,598	3,675,675	870,637	4,546,312
<b>Total</b>	<b>56,598</b>	<b>3,675,675</b>	<b>870,637</b>	<b>4,546,312</b>
<b>Total Study Region</b>	<b>56,598</b>	<b>3,675,675</b>	<b>870,637</b>	<b>4,546,312</b>





West Virginia Statewide HAZUS Level I Flood Analysis Project

# MARION COUNTY

## WEST VIRGINIA

## HAZUS-MH: FLOOD EVENT REPORT

# 100 Year Flood Scenario



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Report Date: May 25, 2010

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**Baker**



## General Description of the Region

HAZUS is a regional multi-hazard loss estimation model that was developed by the Federal Emergency Management Agency (FEMA) and the National Institute of Building Sciences (NIBS). The primary purpose of HAZUS is to provide a methodology and software application to develop multi-hazard losses at a regional scale. These loss estimates would be used primarily by local, state and regional officials to plan and stimulate efforts to reduce risks from multi-hazards and to prepare for emergency response and recovery.

The flood loss estimates provided in this report were based on a region that included 1 county(ies) from the following state(s):

- West Virginia

**Note:**

Appendix A contains a complete listing of the counties contained in the region.

The geographical size of the region is 310 square miles and contains 2,193 census blocks. The region contains over 24 thousand households and has a total population of 56,598 people (2000 Census Bureau data). The distribution of population by State and County for the study region is provided in Appendix B.

There are an estimated 29,424 buildings in the region with a total building replacement value (excluding contents) of 4,546 million dollars (2006 dollars). Approximately 95.43% of the buildings (and 80.85% of the building value) are associated with residential housing.



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## General Building Stock

HAZUS estimates that there are 29,424 buildings in the region which have an aggregate total replacement value of 4,546 million (2006 dollars). Table 1 and Table 2 present the relative distribution of the value with respect to the general occupancies by Study Region and Scenario respectively. Appendix B provides a general distribution of the building value by State and County.

**Table 1  
Building Exposure by Occupancy Type for the Study Region**

<b>Occupancy</b>	<b>Exposure (\$1000)</b>	<b>Percent of Total</b>
Residential	3,675,675	80.8%
Commercial	566,130	12.5%
Industrial	122,933	2.7%
Agricultural	5,345	0.1%
Religion	78,292	1.7%
Government	47,969	1.1%
Education	49,968	1.1%
<b>Total</b>	<b>4,546,312</b>	<b>100.00%</b>

**Table 2  
Building Exposure by Occupancy Type for the Scenario**

<b>Occupancy</b>	<b>Exposure (\$1000)</b>	<b>Percent of Total</b>
Residential	1,289,792	85.0%
Commercial	151,505	10.0%
Industrial	22,546	1.5%
Agricultural	1,653	0.1%
Religion	25,544	1.7%
Government	15,433	1.0%
Education	10,282	0.7%
<b>Total</b>	<b>1,516,755</b>	<b>100.00%</b>

## Essential Facility Inventory

For essential facilities, there are 1 hospitals in the region with a total bed capacity of 199 beds. There are 21 schools, 8 fire stations, 4 police stations and no emergency operation centers.



**Baker**



## Flood Scenario Parameters

HAZUS used the following set of information to define the flood parameters for the flood loss estimate provided in this report.

<b>Study Region Name:</b>	MarionCounty
<b>Scenario Name:</b>	100-YR
<b>Return Period Analyzed:</b>	100
<b>Analysis Options Analyzed:</b>	No What-Ifs



**Baker**



## General Building Stock Damage

HAZUS estimates that about 372 buildings will be at least moderately damaged. This is over 19% of the total number of buildings in the scenario. There are an estimated 72 buildings that will be completely destroyed. The definition of the 'damage states' is provided in Volume 1: Chapter 5 of the HAZUS Flood technical manual. Table 3 below summarizes the expected damage by general occupancy for the buildings in the region. Table 4 summarizes the expected damage by general building type.

**Table 3: Expected Building Damage by Occupancy**

Occupancy	1-10		11-20		21-30		31-40		41-50		Substantially	
	Count	(%)	Count	(%)	Count	(%)	Count	(%)	Count	(%)	Count	(%)
Agriculture	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Commercial	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Education	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Government	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Industrial	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Religion	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Residential	0	0.00	2	0.54	77	20.70	34	9.14	187	50.27	72	19.35
<b>Total</b>	<b>0</b>		<b>2</b>		<b>77</b>		<b>34</b>		<b>187</b>		<b>72</b>	

**Table 4: Expected Building Damage by Building Type**

Building Type	1-10		11-20		21-30		31-40		41-50		Substantially	
	Count	(%)	Count	(%)	Count	(%)	Count	(%)	Count	(%)	Count	(%)
Concrete	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
ManufHousing	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	25	100.00
Masonry	0	0.00	0	0.00	17	19.77	7	8.14	51	59.30	11	12.79
Steel	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Wood	0	0.00	2	0.77	60	22.99	27	10.34	136	52.11	36	13.79



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## Essential Facility Damage

Before the flood analyzed in this scenario, the region had hospital beds available for use. On the day of the scenario flood event, the model estimates that hospital beds are available in the region.

**Table 5: Expected Damage to Essential Facilities**

Classification	Total	# Facilities		
		At Least Moderate	At Least Substantial	Loss of Use
Fire Stations	8	0	0	0
Hospitals	1	0	0	0
Police Stations	4	0	0	0
Schools	21	0	0	0

If this report displays all zeros or is blank, two possibilities can explain this.

- (1) None of your facilities were flooded. This can be checked by mapping the inventory data on the depth grid.
- (2) The analysis was not run. This can be tested by checking the run box on the Analysis Menu and seeing if a message box asks you to replace the existing results.



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## Induced Flood Damage

### **Debris Generation**

HAZUS estimates the amount of debris that will be generated by the flood. The model breaks debris into three general categories: 1) Finishes (dry wall, insulation, etc.), 2) Structural (wood, brick, etc.) and 3) Foundations (concrete slab, concrete block, rebar, etc.). This distinction is made because of the different types of material handling equipment required to handle the debris.

The model estimates that a total of 33,777 tons of debris will be generated. Of the total amount, Finishes comprises 28% of the total, Structure comprises 35% of the total. If the debris tonnage is converted into an estimated number of truckloads, it will require 1,351 truckloads (@25 tons/truck) to remove the debris generated by the flood.

## Social Impact

### **Shelter Requirements**

HAZUS estimates the number of households that are expected to be displaced from their homes due to the flood and the associated potential evacuation. HAZUS also estimates those displaced people that will require accommodations in temporary public shelters. The model estimates 785 households will be displaced due to the flood. Displacement includes households evacuated from within or very near to the inundated area. Of these, 901 people (out of a total population of 56,598) will seek temporary shelter in public shelters.



**Baker**



## Economic Loss

The total economic loss estimated for the flood is 148.92 million dollars, which represents 10.69 % of the total replacement value of the scenario buildings.

### Building-Related Losses

The building losses are broken into two categories: direct building losses and business interruption losses. The direct building losses are the estimated costs to repair or replace the damage caused to the building and its contents. The business interruption losses are the losses associated with inability to operate a business because of the damage sustained during the flood. Business interruption losses also include the temporary living expenses for those people displaced from their homes because of the flood.

The total building-related losses were 146.90 million dollars. 1% of the estimated losses were related to the business interruption of the region. The residential occupancies made up 61.14% of the total loss. Table 6 below provides a summary of the losses associated with the building damage.

**Table 6: Building-Related Economic Loss Estimates**

(Millions of dollars)

Category	Area	Residential	Commercial	Industrial	Others	Total
<u>Building Loss</u>						
	Building	56.89	10.18	2.34	3.26	72.67
	Content	34.03	21.04	5.15	12.19	72.41
	Inventory	0.00	0.67	1.10	0.05	1.82
	<b>Subtotal</b>	<b>90.92</b>	<b>31.89</b>	<b>8.59</b>	<b>15.50</b>	<b>146.90</b>
<u>Business Interruption</u>						
	Income	0.01	0.12	0.00	0.03	0.15
	Relocation	0.09	0.03	0.00	0.00	0.12
	Rental Income	0.02	0.02	0.00	0.00	0.04
	Wage	0.01	0.14	0.00	0.66	0.81
	<b>Subtotal</b>	<b>0.12</b>	<b>0.30</b>	<b>0.00</b>	<b>0.69</b>	<b>1.11</b>
<u>ALL</u>	<b>Total</b>	<b>91.05</b>	<b>32.19</b>	<b>8.59</b>	<b>16.18</b>	<b>148.01</b>



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## Appendix A: County Listing for the Region

West Virginia  
- Marion



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**Appendix B: Regional Population and Building Value Data**

	Building Value (thousands of dollars)			
	Population	Residential	Non-Residential	Total
<b>West Virginia</b>				
Marion	56,598	3,675,675	870,637	4,546,312
<b>Total</b>	<b>56,598</b>	<b>3,675,675</b>	<b>870,637</b>	<b>4,546,312</b>
<b>Total Study Region</b>	<b>56,598</b>	<b>3,675,675</b>	<b>870,637</b>	<b>4,546,312</b>





West Virginia Statewide HAZUS Level I Flood Analysis Project

# MONONGALIA COUNTY

WEST VIRGINIA

## HAZUS-MH: FLOOD EVENT REPORT

### 10 Year Flood Scenario



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#### DISCLAIMER

Totals only reflect data for those census tracts/blocks included in the user's study region. The estimates of social and economic impacts contained in this report were produced using HAZUS loss estimation methodology software which is based on current scientific and engineering knowledge. There are uncertainties inherent in any loss estimation technique. Therefore, there may be significant differences between the modeled results contained in this report and the actual social and economic losses following a specific flood. These results can be improved by using enhanced inventory data and flood hazard information.

Report Date: May 25, 2010

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**Baker**



## General Description of the Region

HAZUS is a regional multi-hazard loss estimation model that was developed by the Federal Emergency Management Agency (FEMA) and the National Institute of Building Sciences (NIBS). The primary purpose of HAZUS is to provide a methodology and software application to develop multi-hazard losses at a regional scale. These loss estimates would be used primarily by local, state and regional officials to plan and stimulate efforts to reduce risks from multi-hazards and to prepare for emergency response and recovery.

The flood loss estimates provided in this report were based on a region that included 1 county(ies) from the following state(s):

- West Virginia

**Note:**

Appendix A contains a complete listing of the counties contained in the region.

The geographical size of the region is 361 square miles and contains 2,653 census blocks. The region contains over 33 thousand households and has a total population of 81,866 people (2000 Census Bureau data). The distribution of population by State and County for the study region is provided in Appendix B.

There are an estimated 36,698 buildings in the region with a total building replacement value (excluding contents) of 6,673 million dollars (2006 dollars). Approximately 93.68% of the buildings (and 75.64% of the building value) are associated with residential housing.



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## General Building Stock

HAZUS estimates that there are 36,698 buildings in the region which have an aggregate total replacement value of 6,673 million (2006 dollars). Table 1 and Table 2 present the relative distribution of the value with respect to the general occupancies by Study Region and Scenario respectively. Appendix B provides a general distribution of the building value by State and County.

**Table 1  
Building Exposure by Occupancy Type for the Study Region**

<b>Occupancy</b>	<b>Exposure (\$1000)</b>	<b>Percent of Total</b>
Residential	5,047,524	75.6%
Commercial	1,097,340	16.4%
Industrial	200,379	3.0%
Agricultural	8,792	0.1%
Religion	114,377	1.7%
Government	45,217	0.7%
Education	159,377	2.4%
<b>Total</b>	<b>6,673,006</b>	<b>100.00%</b>

**Table 2  
Building Exposure by Occupancy Type for the Scenario**

<b>Occupancy</b>	<b>Exposure (\$1000)</b>	<b>Percent of Total</b>
Residential	1,016,844	74.4%
Commercial	247,930	18.1%
Industrial	41,457	3.0%
Agricultural	2,423	0.2%
Religion	13,837	1.0%
Government	7,622	0.6%
Education	37,057	2.7%
<b>Total</b>	<b>1,367,170</b>	<b>100.00%</b>

## Essential Facility Inventory

For essential facilities, there are 3 hospitals in the region with a total bed capacity of 688 beds. There are 34 schools, 8 fire stations, 5 police stations and no emergency operation centers.



## Flood Scenario Parameters

HAZUS used the following set of information to define the flood parameters for the flood loss estimate provided in this report.

<b>Study Region Name:</b>	MonongaliaCounty
<b>Scenario Name:</b>	10-YR
<b>Return Period Analyzed:</b>	10
<b>Analysis Options Analyzed:</b>	No What-Ifs



**Baker**



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## General Building Stock Damage

HAZUS estimates that about 134 buildings will be at least moderately damaged. This is over 15% of the total number of buildings in the scenario. There are an estimated 42 buildings that will be completely destroyed. The definition of the 'damage states' is provided in Volume 1: Chapter 5 of the HAZUS Flood technical manual. Table 3 below summarizes the expected damage by general occupancy for the buildings in the region. Table 4 summarizes the expected damage by general building type.

**Table 3: Expected Building Damage by Occupancy**

Occupancy	1-10		11-20		21-30		31-40		41-50		Substantially	
	Count	(%)	Count	(%)	Count	(%)	Count	(%)	Count	(%)	Count	(%)
Agriculture	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Commercial	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Education	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Government	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Industrial	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Religion	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Residential	0	0.00	1	0.75	24	17.91	13	9.70	54	40.30	42	31.34
<b>Total</b>	<b>0</b>		<b>1</b>		<b>24</b>		<b>13</b>		<b>54</b>		<b>42</b>	

**Table 4: Expected Building Damage by Building Type**

Building Type	1-10		11-20		21-30		31-40		41-50		Substantially	
	Count	(%)	Count	(%)	Count	(%)	Count	(%)	Count	(%)	Count	(%)
Concrete	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
ManufHousing	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	32	100.00
Masonry	0	0.00	0	0.00	5	18.52	3	11.11	17	62.96	2	7.41
Steel	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Wood	0	0.00	1	1.33	19	25.33	10	13.33	37	49.33	8	10.67



**Baker**



## Essential Facility Damage

Before the flood analyzed in this scenario, the region had hospital beds available for use. On the day of the scenario flood event, the model estimates that hospital beds are available in the region.

**Table 5: Expected Damage to Essential Facilities**

Classification	Total	# Facilities		
		At Least Moderate	At Least Substantial	Loss of Use
Fire Stations	8	0	0	0
Hospitals	3	0	0	0
Police Stations	5	0	0	0
Schools	34	0	0	0

If this report displays all zeros or is blank, two possibilities can explain this.

- (1) None of your facilities were flooded. This can be checked by mapping the inventory data on the depth grid.
- (2) The analysis was not run. This can be tested by checking the run box on the Analysis Menu and seeing if a message box asks you to replace the existing results.



**Baker**



## Induced Flood Damage

### **Debris Generation**

HAZUS estimates the amount of debris that will be generated by the flood. The model breaks debris into three general categories: 1) Finishes (dry wall, insulation, etc.), 2) Structural (wood, brick, etc.) and 3) Foundations (concrete slab, concrete block, rebar, etc.). This distinction is made because of the different types of material handling equipment required to handle the debris.

The model estimates that a total of 10,818 tons of debris will be generated. Of the total amount, Finishes comprises 35% of the total, Structure comprises 30% of the total. If the debris tonnage is converted into an estimated number of truckloads, it will require 433 truckloads (@25 tons/truck) to remove the debris generated by the flood.

## Social Impact

### **Shelter Requirements**

HAZUS estimates the number of households that are expected to be displaced from their homes due to the flood and the associated potential evacuation. HAZUS also estimates those displaced people that will require accommodations in temporary public shelters. The model estimates 380 households will be displaced due to the flood. Displacement includes households evacuated from within or very near to the inundated area. Of these, 419 people (out of a total population of 81,866) will seek temporary shelter in public shelters.



**Baker**



## Economic Loss

The total economic loss estimated for the flood is 76.61 million dollars, which represents 5.61 % of the total replacement value of the scenario buildings.

### Building-Related Losses

The building losses are broken into two categories: direct building losses and business interruption losses. The direct building losses are the estimated costs to repair or replace the damage caused to the building and its contents. The business interruption losses are the losses associated with inability to operate a business because of the damage sustained during the flood. Business interruption losses also include the temporary living expenses for those people displaced from their homes because of the flood.

The total building-related losses were 75.09 million dollars. 1% of the estimated losses were related to the business interruption of the region. The residential occupancies made up 51.77% of the total loss. Table 6 below provides a summary of the losses associated with the building damage.

**Table 6: Building-Related Economic Loss Estimates**

(Millions of dollars)

Category	Area	Residential	Commercial	Industrial	Others	Total
<u>Building Loss</u>						
	Building	24.83	6.16	1.83	1.38	34.20
	Content	14.79	14.27	4.27	6.36	39.68
	Inventory	0.00	0.40	0.80	0.01	1.20
	<b>Subtotal</b>	<b>39.62</b>	<b>20.83</b>	<b>6.90</b>	<b>7.74</b>	<b>75.09</b>
<u>Business Interruption</u>						
	Income	0.00	0.08	0.00	0.05	0.13
	Relocation	0.03	0.02	0.00	0.01	0.06
	Rental Income	0.01	0.01	0.00	0.00	0.02
	Wage	0.01	0.08	0.00	0.19	0.28
	<b>Subtotal</b>	<b>0.05</b>	<b>0.19</b>	<b>0.00</b>	<b>0.25</b>	<b>0.49</b>
<u>ALL</u>	<b>Total</b>	<b>39.67</b>	<b>21.02</b>	<b>6.90</b>	<b>8.00</b>	<b>75.58</b>



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## Appendix A: County Listing for the Region

West Virginia

- Monongalia



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**Appendix B: Regional Population and Building Value Data**

	Population	Building Value (thousands of dollars)		
		Residential	Non-Residential	Total
<b>West Virginia</b>				
Monongalia	81,866	5,047,524	1,625,482	6,673,006
<b>Total</b>	<b>81,866</b>	<b>5,047,524</b>	<b>1,625,482</b>	<b>6,673,006</b>
<b>Total Study Region</b>	<b>81,866</b>	<b>5,047,524</b>	<b>1,625,482</b>	<b>6,673,006</b>





West Virginia Statewide HAZUS Level I Flood Analysis Project

# MONONGALIA COUNTY

## WEST VIRGINIA

### HAZUS-MH: FLOOD EVENT REPORT

## 25 Year Flood Scenario



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#### DISCLAIMER

Totals only reflect data for those census tracts/blocks included in the user's study region. The estimates of social and economic impacts contained in this report were produced using HAZUS loss estimation methodology software which is based on current scientific and engineering knowledge. There are uncertainties inherent in any loss estimation technique. Therefore, there may be significant differences between the modeled results contained in this report and the actual social and economic losses following a specific flood. These results can be improved by using enhanced inventory data and flood hazard information.

Report Date: May 25, 2010

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**Baker**



## General Description of the Region

HAZUS is a regional multi-hazard loss estimation model that was developed by the Federal Emergency Management Agency (FEMA) and the National Institute of Building Sciences (NIBS). The primary purpose of HAZUS is to provide a methodology and software application to develop multi-hazard losses at a regional scale. These loss estimates would be used primarily by local, state and regional officials to plan and stimulate efforts to reduce risks from multi-hazards and to prepare for emergency response and recovery.

The flood loss estimates provided in this report were based on a region that included 1 county(ies) from the following state(s):

- West Virginia

**Note:**

Appendix A contains a complete listing of the counties contained in the region.

The geographical size of the region is 361 square miles and contains 2,653 census blocks. The region contains over 33 thousand households and has a total population of 81,866 people (2000 Census Bureau data). The distribution of population by State and County for the study region is provided in Appendix B.

There are an estimated 36,698 buildings in the region with a total building replacement value (excluding contents) of 6,673 million dollars (2006 dollars). Approximately 93.68% of the buildings (and 75.64% of the building value) are associated with residential housing.



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## General Building Stock

HAZUS estimates that there are 36,698 buildings in the region which have an aggregate total replacement value of 6,673 million (2006 dollars). Table 1 and Table 2 present the relative distribution of the value with respect to the general occupancies by Study Region and Scenario respectively. Appendix B provides a general distribution of the building value by State and County.

**Table 1  
Building Exposure by Occupancy Type for the Study Region**

<b>Occupancy</b>	<b>Exposure (\$1000)</b>	<b>Percent of Total</b>
Residential	5,047,524	75.6%
Commercial	1,097,340	16.4%
Industrial	200,379	3.0%
Agricultural	8,792	0.1%
Religion	114,377	1.7%
Government	45,217	0.7%
Education	159,377	2.4%
<b>Total</b>	<b>6,673,006</b>	<b>100.00%</b>

**Table 2  
Building Exposure by Occupancy Type for the Scenario**

<b>Occupancy</b>	<b>Exposure (\$1000)</b>	<b>Percent of Total</b>
Residential	1,009,154	74.4%
Commercial	247,223	18.2%
Industrial	40,178	3.0%
Agricultural	2,423	0.2%
Religion	13,435	1.0%
Government	7,622	0.6%
Education	36,209	2.7%
<b>Total</b>	<b>1,356,244</b>	<b>100.00%</b>

## Essential Facility Inventory

For essential facilities, there are 3 hospitals in the region with a total bed capacity of 688 beds. There are 34 schools, 8 fire stations, 5 police stations and no emergency operation centers.



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## Flood Scenario Parameters

HAZUS used the following set of information to define the flood parameters for the flood loss estimate provided in this report.

<b>Study Region Name:</b>	MonongaliaCounty
<b>Scenario Name:</b>	25-YR
<b>Return Period Analyzed:</b>	25
<b>Analysis Options Analyzed:</b>	No What-Ifs



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## General Building Stock Damage

HAZUS estimates that about 146 buildings will be at least moderately damaged. This is over 16% of the total number of buildings in the scenario. There are an estimated 49 buildings that will be completely destroyed. The definition of the 'damage states' is provided in Volume 1: Chapter 5 of the HAZUS Flood technical manual. Table 3 below summarizes the expected damage by general occupancy for the buildings in the region. Table 4 summarizes the expected damage by general building type.

**Table 3: Expected Building Damage by Occupancy**

Occupancy	1-10		11-20		21-30		31-40		41-50		Substantially	
	Count	(%)	Count	(%)	Count	(%)	Count	(%)	Count	(%)	Count	(%)
Agriculture	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Commercial	0	0.00	1	100.00	0	0.00	0	0.00	0	0.00	0	0.00
Education	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Government	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Industrial	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Religion	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Residential	0	0.00	1	0.69	26	17.93	14	9.66	55	37.93	49	33.79
<b>Total</b>	<b>0</b>		<b>2</b>		<b>26</b>		<b>14</b>		<b>55</b>		<b>49</b>	

**Table 4: Expected Building Damage by Building Type**

Building Type	1-10		11-20		21-30		31-40		41-50		Substantially	
	Count	(%)	Count	(%)	Count	(%)	Count	(%)	Count	(%)	Count	(%)
Concrete	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
ManufHousing	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	42	100.00
Masonry	0	0.00	0	0.00	6	22.22	3	11.11	16	59.26	2	7.41
Steel	0	0.00	1	100.00	0	0.00	0	0.00	0	0.00	0	0.00
Wood	0	0.00	1	1.32	20	26.32	11	14.47	39	51.32	5	6.58



**Baker**



## Essential Facility Damage

Before the flood analyzed in this scenario, the region had hospital beds available for use. On the day of the scenario flood event, the model estimates that hospital beds are available in the region.

**Table 5: Expected Damage to Essential Facilities**

Classification	Total	# Facilities		
		At Least Moderate	At Least Substantial	Loss of Use
Fire Stations	8	0	0	0
Hospitals	3	0	0	0
Police Stations	5	0	0	0
Schools	34	0	0	0

If this report displays all zeros or is blank, two possibilities can explain this.

- (1) None of your facilities were flooded. This can be checked by mapping the inventory data on the depth grid.
- (2) The analysis was not run. This can be tested by checking the run box on the Analysis Menu and seeing if a message box asks you to replace the existing results.



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## Induced Flood Damage

### Debris Generation

HAZUS estimates the amount of debris that will be generated by the flood. The model breaks debris into three general categories: 1) Finishes (dry wall, insulation, etc.), 2) Structural (wood, brick, etc.) and 3) Foundations (concrete slab, concrete block, rebar, etc.). This distinction is made because of the different types of material handling equipment required to handle the debris.

The model estimates that a total of 13,564 tons of debris will be generated. Of the total amount, Finishes comprises 31% of the total, Structure comprises 32% of the total. If the debris tonnage is converted into an estimated number of truckloads, it will require 543 truckloads (@25 tons/truck) to remove the debris generated by the flood.

## Social Impact

### Shelter Requirements

HAZUS estimates the number of households that are expected to be displaced from their homes due to the flood and the associated potential evacuation. HAZUS also estimates those displaced people that will require accommodations in temporary public shelters. The model estimates 415 households will be displaced due to the flood. Displacement includes households evacuated from within or very near to the inundated area. Of these, 469 people (out of a total population of 81,866) will seek temporary shelter in public shelters.



**Baker**



## Economic Loss

The total economic loss estimated for the flood is 102.55 million dollars, which represents 7.52 % of the total replacement value of the scenario buildings.

### Building-Related Losses

The building losses are broken into two categories: direct building losses and business interruption losses. The direct building losses are the estimated costs to repair or replace the damage caused to the building and its contents. The business interruption losses are the losses associated with inability to operate a business because of the damage sustained during the flood. Business interruption losses also include the temporary living expenses for those people displaced from their homes because of the flood.

The total building-related losses were 99.16 million dollars. 1% of the estimated losses were related to the business interruption of the region. The residential occupancies made up 43.87% of the total loss. Table 6 below provides a summary of the losses associated with the building damage.

**Table 6: Building-Related Economic Loss Estimates**

(Millions of dollars)

Category	Area	Residential	Commercial	Industrial	Others	Total
<u>Building Loss</u>						
	Building	27.98	8.15	2.09	3.48	41.70
	Content	16.94	17.69	4.67	16.88	56.16
	Inventory	0.00	0.43	0.86	0.01	1.30
	<b>Subtotal</b>	<b>44.92</b>	<b>26.26</b>	<b>7.61</b>	<b>20.37</b>	<b>99.16</b>
<u>Business Interruption</u>						
	Income	0.01	0.10	0.00	0.14	0.25
	Relocation	0.04	0.02	0.00	0.04	0.10
	Rental Income	0.01	0.02	0.00	0.00	0.04
	Wage	0.02	0.10	0.00	0.42	0.53
	<b>Subtotal</b>	<b>0.08</b>	<b>0.24</b>	<b>0.00</b>	<b>0.60</b>	<b>0.92</b>
<u>ALL</u>	<b>Total</b>	<b>44.99</b>	<b>26.50</b>	<b>7.61</b>	<b>20.97</b>	<b>100.07</b>



## Appendix A: County Listing for the Region

West Virginia

- Monongalia



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**Appendix B: Regional Population and Building Value Data**

	Building Value (thousands of dollars)			
	Population	Residential	Non-Residential	Total
<b>West Virginia</b>				
Monongalia	81,866	5,047,524	1,625,482	6,673,006
<b>Total</b>	<b>81,866</b>	<b>5,047,524</b>	<b>1,625,482</b>	<b>6,673,006</b>
<b>Total Study Region</b>	<b>81,866</b>	<b>5,047,524</b>	<b>1,625,482</b>	<b>6,673,006</b>





West Virginia Statewide HAZUS Level I Flood Analysis Project

# MONONGALIA COUNTY

## WEST VIRGINIA

### HAZUS-MH: FLOOD EVENT REPORT

## 50 Year Flood Scenario



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#### DISCLAIMER

Totals only reflect data for those census tracts/blocks included in the user's study region. The estimates of social and economic impacts contained in this report were produced using HAZUS loss estimation methodology software which is based on current scientific and engineering knowledge. There are uncertainties inherent in any loss estimation technique. Therefore, there may be significant differences between the modeled results contained in this report and the actual social and economic losses following a specific flood. These results can be improved by using enhanced inventory data and flood hazard information.

Report Date: May 25, 2010

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**Baker**



## General Description of the Region

HAZUS is a regional multi-hazard loss estimation model that was developed by the Federal Emergency Management Agency (FEMA) and the National Institute of Building Sciences (NIBS). The primary purpose of HAZUS is to provide a methodology and software application to develop multi-hazard losses at a regional scale. These loss estimates would be used primarily by local, state and regional officials to plan and stimulate efforts to reduce risks from multi-hazards and to prepare for emergency response and recovery.

The flood loss estimates provided in this report were based on a region that included 1 county(ies) from the following state(s):

- West Virginia

**Note:**

Appendix A contains a complete listing of the counties contained in the region.

The geographical size of the region is 361 square miles and contains 2,653 census blocks. The region contains over 33 thousand households and has a total population of 81,866 people (2000 Census Bureau data). The distribution of population by State and County for the study region is provided in Appendix B.

There are an estimated 36,698 buildings in the region with a total building replacement value (excluding contents) of 6,673 million dollars (2006 dollars). Approximately 93.68% of the buildings (and 75.64% of the building value) are associated with residential housing.



**Baker**



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## General Building Stock

HAZUS estimates that there are 36,698 buildings in the region which have an aggregate total replacement value of 6,673 million (2006 dollars). Table 1 and Table 2 present the relative distribution of the value with respect to the general occupancies by Study Region and Scenario respectively. Appendix B provides a general distribution of the building value by State and County.

**Table 1  
Building Exposure by Occupancy Type for the Study Region**

<b>Occupancy</b>	<b>Exposure (\$1000)</b>	<b>Percent of Total</b>
Residential	5,047,524	75.6%
Commercial	1,097,340	16.4%
Industrial	200,379	3.0%
Agricultural	8,792	0.1%
Religion	114,377	1.7%
Government	45,217	0.7%
Education	159,377	2.4%
<b>Total</b>	<b>6,673,006</b>	<b>100.00%</b>

**Table 2  
Building Exposure by Occupancy Type for the Scenario**

<b>Occupancy</b>	<b>Exposure (\$1000)</b>	<b>Percent of Total</b>
Residential	1,006,907	74.2%
Commercial	248,410	18.3%
Industrial	41,385	3.0%
Agricultural	2,423	0.2%
Religion	13,726	1.0%
Government	7,622	0.6%
Education	37,057	2.7%
<b>Total</b>	<b>1,357,530</b>	<b>100.00%</b>

## Essential Facility Inventory

For essential facilities, there are 3 hospitals in the region with a total bed capacity of 688 beds. There are 34 schools, 8 fire stations, 5 police stations and no emergency operation centers.

## Flood Scenario Parameters

HAZUS used the following set of information to define the flood parameters for the flood loss estimate provided in this report.

<b>Study Region Name:</b>	MonongaliaCounty
<b>Scenario Name:</b>	50-YR
<b>Return Period Analyzed:</b>	50
<b>Analysis Options Analyzed:</b>	No What-Ifs



**Baker**



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## General Building Stock Damage

HAZUS estimates that about 164 buildings will be at least moderately damaged. This is over 16% of the total number of buildings in the scenario. There are an estimated 55 buildings that will be completely destroyed. The definition of the 'damage states' is provided in Volume 1: Chapter 5 of the HAZUS Flood technical manual. Table 3 below summarizes the expected damage by general occupancy for the buildings in the region. Table 4 summarizes the expected damage by general building type.

**Table 3: Expected Building Damage by Occupancy**

Occupancy	1-10		11-20		21-30		31-40		41-50		Substantially	
	Count	(%)	Count	(%)	Count	(%)	Count	(%)	Count	(%)	Count	(%)
Agriculture	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Commercial	0	0.00	1	100.00	0	0.00	0	0.00	0	0.00	0	0.00
Education	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Government	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Industrial	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Religion	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Residential	0	0.00	2	1.23	28	17.18	14	8.59	64	39.26	55	33.74
<b>Total</b>	<b>0</b>		<b>3</b>		<b>28</b>		<b>14</b>		<b>64</b>		<b>55</b>	

**Table 4: Expected Building Damage by Building Type**

Building Type	1-10		11-20		21-30		31-40		41-50		Substantially	
	Count	(%)	Count	(%)	Count	(%)	Count	(%)	Count	(%)	Count	(%)
Concrete	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
ManufHousing	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	45	100.00
Masonry	0	0.00	1	3.45	7	24.14	2	6.90	17	58.62	2	6.90
Steel	0	0.00	1	100.00	0	0.00	0	0.00	0	0.00	0	0.00
Wood	0	0.00	2	2.22	21	23.33	12	13.33	47	52.22	8	8.89



**Baker**



## Essential Facility Damage

Before the flood analyzed in this scenario, the region had hospital beds available for use. On the day of the scenario flood event, the model estimates that hospital beds are available in the region.

**Table 5: Expected Damage to Essential Facilities**

Classification	Total	# Facilities		
		At Least Moderate	At Least Substantial	Loss of Use
Fire Stations	8	0	0	0
Hospitals	3	0	0	0
Police Stations	5	0	0	0
Schools	34	0	0	0

If this report displays all zeros or is blank, two possibilities can explain this.

- (1) None of your facilities were flooded. This can be checked by mapping the inventory data on the depth grid.
- (2) The analysis was not run. This can be tested by checking the run box on the Analysis Menu and seeing if a message box asks you to replace the existing results.



**Baker**



## Induced Flood Damage

### **Debris Generation**

HAZUS estimates the amount of debris that will be generated by the flood. The model breaks debris into three general categories: 1) Finishes (dry wall, insulation, etc.), 2) Structural (wood, brick, etc.) and 3) Foundations (concrete slab, concrete block, rebar, etc.). This distinction is made because of the different types of material handling equipment required to handle the debris.

The model estimates that a total of 14,139 tons of debris will be generated. Of the total amount, Finishes comprises 32% of the total, Structure comprises 32% of the total. If the debris tonnage is converted into an estimated number of truckloads, it will require 566 truckloads (@25 tons/truck) to remove the debris generated by the flood.

## Social Impact

### **Shelter Requirements**

HAZUS estimates the number of households that are expected to be displaced from their homes due to the flood and the associated potential evacuation. HAZUS also estimates those displaced people that will require accommodations in temporary public shelters. The model estimates 445 households will be displaced due to the flood. Displacement includes households evacuated from within or very near to the inundated area. Of these, 540 people (out of a total population of 81,866) will seek temporary shelter in public shelters.



**Baker**



## Economic Loss

The total economic loss estimated for the flood is 108.16 million dollars, which represents 7.93 % of the total replacement value of the scenario buildings.

### Building-Related Losses

The building losses are broken into two categories: direct building losses and business interruption losses. The direct building losses are the estimated costs to repair or replace the damage caused to the building and its contents. The business interruption losses are the losses associated with inability to operate a business because of the damage sustained during the flood. Business interruption losses also include the temporary living expenses for those people displaced from their homes because of the flood.

The total building-related losses were 104.62 million dollars. 1% of the estimated losses were related to the business interruption of the region. The residential occupancies made up 45.34% of the total loss. Table 6 below provides a summary of the losses associated with the building damage.

**Table 6: Building-Related Economic Loss Estimates**

(Millions of dollars)

Category	Area	Residential	Commercial	Industrial	Others	Total
<u>Building Loss</u>						
	Building	30.56	8.62	2.09	3.46	44.73
	Content	18.40	18.85	4.72	16.55	58.52
	Inventory	0.00	0.48	0.87	0.01	1.36
	<b>Subtotal</b>	<b>48.96</b>	<b>27.95</b>	<b>7.68</b>	<b>20.03</b>	<b>104.62</b>
<u>Business Interruption</u>						
	Income	0.01	0.12	0.00	0.15	0.27
	Relocation	0.04	0.02	0.00	0.04	0.10
	Rental Income	0.02	0.02	0.00	0.00	0.04
	Wage	0.02	0.11	0.00	0.43	0.56
	<b>Subtotal</b>	<b>0.08</b>	<b>0.27</b>	<b>0.00</b>	<b>0.62</b>	<b>0.97</b>
<u>ALL</u>	<b>Total</b>	<b>49.04</b>	<b>28.22</b>	<b>7.68</b>	<b>20.65</b>	<b>105.58</b>



## Appendix A: County Listing for the Region

West Virginia

- Monongalia



**Baker**



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**Appendix B: Regional Population and Building Value Data**

	Population	Building Value (thousands of dollars)		
		Residential	Non-Residential	Total
<b>West Virginia</b>				
Monongalia	81,866	5,047,524	1,625,482	6,673,006
<b>Total</b>	<b>81,866</b>	<b>5,047,524</b>	<b>1,625,482</b>	<b>6,673,006</b>
<b>Total Study Region</b>	<b>81,866</b>	<b>5,047,524</b>	<b>1,625,482</b>	<b>6,673,006</b>





West Virginia Statewide HAZUS Level I Flood Analysis Project

# MONONGALIA COUNTY

## WEST VIRGINIA

### HAZUS-MH: FLOOD EVENT REPORT

# 100 Year Flood Scenario



**Baker**



**FEMA**

#### DISCLAIMER

Totals only reflect data for those census tracts/blocks included in the user's study region. The estimates of social and economic impacts contained in this report were produced using HAZUS loss estimation methodology software which is based on current scientific and engineering knowledge. There are uncertainties inherent in any loss estimation technique. Therefore, there may be significant differences between the modeled results contained in this report and the actual social and economic losses following a specific flood. These results can be improved by using enhanced inventory data and flood hazard information.

Report Date: May 25, 2010

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**Baker**



## General Description of the Region

HAZUS is a regional multi-hazard loss estimation model that was developed by the Federal Emergency Management Agency (FEMA) and the National Institute of Building Sciences (NIBS). The primary purpose of HAZUS is to provide a methodology and software application to develop multi-hazard losses at a regional scale. These loss estimates would be used primarily by local, state and regional officials to plan and stimulate efforts to reduce risks from multi-hazards and to prepare for emergency response and recovery.

The flood loss estimates provided in this report were based on a region that included 1 county(ies) from the following state(s):

- West Virginia

**Note:**

Appendix A contains a complete listing of the counties contained in the region.

The geographical size of the region is 361 square miles and contains 2,653 census blocks. The region contains over 33 thousand households and has a total population of 81,866 people (2000 Census Bureau data). The distribution of population by State and County for the study region is provided in Appendix B.

There are an estimated 36,698 buildings in the region with a total building replacement value (excluding contents) of 6,673 million dollars (2006 dollars). Approximately 93.68% of the buildings (and 75.64% of the building value) are associated with residential housing.



**Baker**



FEMA

## General Building Stock

HAZUS estimates that there are 36,698 buildings in the region which have an aggregate total replacement value of 6,673 million (2006 dollars). Table 1 and Table 2 present the relative distribution of the value with respect to the general occupancies by Study Region and Scenario respectively. Appendix B provides a general distribution of the building value by State and County.

**Table 1  
Building Exposure by Occupancy Type for the Study Region**

<b>Occupancy</b>	<b>Exposure (\$1000)</b>	<b>Percent of Total</b>
Residential	5,047,524	75.6%
Commercial	1,097,340	16.4%
Industrial	200,379	3.0%
Agricultural	8,792	0.1%
Religion	114,377	1.7%
Government	45,217	0.7%
Education	159,377	2.4%
<b>Total</b>	<b>6,673,006</b>	<b>100.00%</b>

**Table 2  
Building Exposure by Occupancy Type for the Scenario**

<b>Occupancy</b>	<b>Exposure (\$1000)</b>	<b>Percent of Total</b>
Residential	1,025,955	74.5%
Commercial	248,307	18.0%
Industrial	41,670	3.0%
Agricultural	2,423	0.2%
Religion	13,837	1.0%
Government	7,622	0.6%
Education	37,057	2.7%
<b>Total</b>	<b>1,376,871</b>	<b>100.00%</b>

## Essential Facility Inventory

For essential facilities, there are 3 hospitals in the region with a total bed capacity of 688 beds. There are 34 schools, 8 fire stations, 5 police stations and no emergency operation centers.



**Baker**



## Flood Scenario Parameters

HAZUS used the following set of information to define the flood parameters for the flood loss estimate provided in this report.

<b>Study Region Name:</b>	MonongaliaCounty
<b>Scenario Name:</b>	100-YR
<b>Return Period Analyzed:</b>	100
<b>Analysis Options Analyzed:</b>	No What-Ifs



**Baker**



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## General Building Stock Damage

HAZUS estimates that about 185 buildings will be at least moderately damaged. This is over 15% of the total number of buildings in the scenario. There are an estimated 69 buildings that will be completely destroyed. The definition of the 'damage states' is provided in Volume 1: Chapter 5 of the HAZUS Flood technical manual. Table 3 below summarizes the expected damage by general occupancy for the buildings in the region. Table 4 summarizes the expected damage by general building type.

**Table 3: Expected Building Damage by Occupancy**

Occupancy	1-10		11-20		21-30		31-40		41-50		Substantially	
	Count	(%)	Count	(%)	Count	(%)	Count	(%)	Count	(%)	Count	(%)
Agriculture	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Commercial	0	0.00	1	100.00	0	0.00	0	0.00	0	0.00	0	0.00
Education	1	100.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Government	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Industrial	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Religion	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Residential	0	0.00	1	0.54	29	15.76	12	6.52	73	39.67	69	37.50
<b>Total</b>	<b>1</b>		<b>2</b>		<b>29</b>		<b>12</b>		<b>73</b>		<b>69</b>	

**Table 4: Expected Building Damage by Building Type**

Building Type	1-10		11-20		21-30		31-40		41-50		Substantially	
	Count	(%)	Count	(%)	Count	(%)	Count	(%)	Count	(%)	Count	(%)
Concrete	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
ManufHousing	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	56	100.00
Masonry	0	0.00	0	0.00	7	23.33	2	6.67	17	56.67	4	13.33
Steel	0	0.00	1	100.00	0	0.00	0	0.00	0	0.00	0	0.00
Wood	0	0.00	1	1.02	22	22.45	10	10.20	56	57.14	9	9.18



**Baker**



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## Essential Facility Damage

Before the flood analyzed in this scenario, the region had hospital beds available for use. On the day of the scenario flood event, the model estimates that hospital beds are available in the region.

**Table 5: Expected Damage to Essential Facilities**

Classification	Total	# Facilities		
		At Least Moderate	At Least Substantial	Loss of Use
Fire Stations	8	0	0	0
Hospitals	3	0	0	0
Police Stations	5	0	0	0
Schools	34	0	0	0

If this report displays all zeros or is blank, two possibilities can explain this.

- (1) None of your facilities were flooded. This can be checked by mapping the inventory data on the depth grid.
- (2) The analysis was not run. This can be tested by checking the run box on the Analysis Menu and seeing if a message box asks you to replace the existing results.



**Baker**



## Induced Flood Damage

### **Debris Generation**

HAZUS estimates the amount of debris that will be generated by the flood. The model breaks debris into three general categories: 1) Finishes (dry wall, insulation, etc.), 2) Structural (wood, brick, etc.) and 3) Foundations (concrete slab, concrete block, rebar, etc.). This distinction is made because of the different types of material handling equipment required to handle the debris.

The model estimates that a total of 17,548 tons of debris will be generated. Of the total amount, Finishes comprises 28% of the total, Structure comprises 34% of the total. If the debris tonnage is converted into an estimated number of truckloads, it will require 702 truckloads (@25 tons/truck) to remove the debris generated by the flood.

## Social Impact

### **Shelter Requirements**

HAZUS estimates the number of households that are expected to be displaced from their homes due to the flood and the associated potential evacuation. HAZUS also estimates those displaced people that will require accommodations in temporary public shelters. The model estimates 454 households will be displaced due to the flood. Displacement includes households evacuated from within or very near to the inundated area. Of these, 545 people (out of a total population of 81,866) will seek temporary shelter in public shelters.



**Baker**



## Economic Loss

The total economic loss estimated for the flood is 111.52 million dollars, which represents 8.17 % of the total replacement value of the scenario buildings.

### Building-Related Losses

The building losses are broken into two categories: direct building losses and business interruption losses. The direct building losses are the estimated costs to repair or replace the damage caused to the building and its contents. The business interruption losses are the losses associated with inability to operate a business because of the damage sustained during the flood. Business interruption losses also include the temporary living expenses for those people displaced from their homes because of the flood.

The total building-related losses were 107.87 million dollars. 1% of the estimated losses were related to the business interruption of the region. The residential occupancies made up 46.43% of the total loss. Table 6 below provides a summary of the losses associated with the building damage.

**Table 6: Building-Related Economic Loss Estimates**

(Millions of dollars)

Category	Area	Residential	Commercial	Industrial	Others	Total
<u>Building Loss</u>						
	Building	32.32	9.11	2.21	3.58	47.22
	Content	19.37	19.32	4.87	15.69	59.25
	Inventory	0.00	0.51	0.89	0.01	1.41
	<b>Subtotal</b>	<b>51.69</b>	<b>28.94</b>	<b>7.96</b>	<b>19.28</b>	<b>107.87</b>
<u>Business Interruption</u>						
	Income	0.01	0.12	0.00	0.15	0.28
	Relocation	0.04	0.02	0.00	0.04	0.11
	Rental Income	0.02	0.02	0.00	0.00	0.04
	Wage	0.02	0.11	0.00	0.45	0.58
	<b>Subtotal</b>	<b>0.08</b>	<b>0.27</b>	<b>0.00</b>	<b>0.64</b>	<b>1.00</b>
<u>ALL</u>	<b>Total</b>	<b>51.78</b>	<b>29.21</b>	<b>7.97</b>	<b>19.92</b>	<b>108.87</b>



## Appendix A: County Listing for the Region

West Virginia

- Monongalia



**Baker**



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**Appendix B: Regional Population and Building Value Data**

	Building Value (thousands of dollars)			
	Population	Residential	Non-Residential	Total
<b>West Virginia</b>				
Monongalia	81,866	5,047,524	1,625,482	6,673,006
<b>Total</b>	<b>81,866</b>	<b>5,047,524</b>	<b>1,625,482</b>	<b>6,673,006</b>
<b>Total Study Region</b>	<b>81,866</b>	<b>5,047,524</b>	<b>1,625,482</b>	<b>6,673,006</b>





West Virginia Statewide HAZUS Level I Flood Analysis Project

# PRESTON COUNTY

WEST VIRGINIA

## HAZUS-MH: FLOOD EVENT REPORT

### 10 Year Flood Scenario



**Baker**



**FEMA**

#### DISCLAIMER

Totals only reflect data for those census tracts/blocks included in the user's study region. The estimates of social and economic impacts contained in this report were produced using HAZUS loss estimation methodology software which is based on current scientific and engineering knowledge. There are uncertainties inherent in any loss estimation technique. Therefore, there may be significant differences between the modeled results contained in this report and the actual social and economic losses following a specific flood. These results can be improved by using enhanced inventory data and flood hazard information.

Report Date: May 25, 2010

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**Baker**



## General Description of the Region

HAZUS is a regional multi-hazard loss estimation model that was developed by the Federal Emergency Management Agency (FEMA) and the National Institute of Building Sciences (NIBS). The primary purpose of HAZUS is to provide a methodology and software application to develop multi-hazard losses at a regional scale. These loss estimates would be used primarily by local, state and regional officials to plan and stimulate efforts to reduce risks from multi-hazards and to prepare for emergency response and recovery.

The flood loss estimates provided in this report were based on a region that included 1 county(ies) from the following state(s):

- West Virginia

**Note:**

Appendix A contains a complete listing of the counties contained in the region.

The geographical size of the region is 648 square miles and contains 2,600 census blocks. The region contains over 12 thousand households and has a total population of 29,334 people (2000 Census Bureau data). The distribution of population by State and County for the study region is provided in Appendix B.

There are an estimated 16,798 buildings in the region with a total building replacement value (excluding contents) of 2,017 million dollars (2006 dollars). Approximately 96.74% of the buildings (and 80.75% of the building value) are associated with residential housing.



**Baker**



FEMA

## General Building Stock

HAZUS estimates that there are 16,798 buildings in the region which have an aggregate total replacement value of 2,017 million (2006 dollars). Table 1 and Table 2 present the relative distribution of the value with respect to the general occupancies by Study Region and Scenario respectively. Appendix B provides a general distribution of the building value by State and County.

**Table 1  
Building Exposure by Occupancy Type for the Study Region**

<b>Occupancy</b>	<b>Exposure (\$1000)</b>	<b>Percent of Total</b>
Residential	1,628,624	80.8%
Commercial	249,517	12.4%
Industrial	74,107	3.7%
Agricultural	8,099	0.4%
Religion	18,877	0.9%
Government	14,836	0.7%
Education	22,698	1.1%
<b>Total</b>	<b>2,016,758</b>	<b>100.00%</b>

**Table 2  
Building Exposure by Occupancy Type for the Scenario**

<b>Occupancy</b>	<b>Exposure (\$1000)</b>	<b>Percent of Total</b>
Residential	293,822	84.4%
Commercial	35,765	10.3%
Industrial	9,464	2.7%
Agricultural	1,465	0.4%
Religion	1,140	0.3%
Government	5,201	1.5%
Education	1,357	0.4%
<b>Total</b>	<b>348,214</b>	<b>100.00%</b>

## Essential Facility Inventory

For essential facilities, there are 1 hospitals in the region with a total bed capacity of 60 beds. There are 5 schools, 9 fire stations, 2 police stations and no emergency operation centers.



**Baker**



## Flood Scenario Parameters

HAZUS used the following set of information to define the flood parameters for the flood loss estimate provided in this report.

<b>Study Region Name:</b>	PrestonCounty
<b>Scenario Name:</b>	10-YR
<b>Return Period Analyzed:</b>	10
<b>Analysis Options Analyzed:</b>	No What-Ifs



**Baker**



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## General Building Stock Damage

HAZUS estimates that about 22 buildings will be at least moderately damaged. This is over 23% of the total number of buildings in the scenario. There are an estimated 2 buildings that will be completely destroyed. The definition of the 'damage states' is provided in Volume 1: Chapter 5 of the HAZUS Flood technical manual. Table 3 below summarizes the expected damage by general occupancy for the buildings in the region. Table 4 summarizes the expected damage by general building type.

**Table 3: Expected Building Damage by Occupancy**

Occupancy	1-10		11-20		21-30		31-40		41-50		Substantially	
	Count	(%)	Count	(%)	Count	(%)	Count	(%)	Count	(%)	Count	(%)
Agriculture	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Commercial	0	0.00	0	0.00	0	0.00	1	100.00	0	0.00	0	0.00
Education	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Government	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Industrial	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Religion	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Residential	0	0.00	0	0.00	7	33.33	2	9.52	10	47.62	2	9.52
<b>Total</b>	<b>0</b>		<b>0</b>		<b>7</b>		<b>3</b>		<b>10</b>		<b>2</b>	

**Table 4: Expected Building Damage by Building Type**

Building Type	1-10		11-20		21-30		31-40		41-50		Substantially	
	Count	(%)	Count	(%)	Count	(%)	Count	(%)	Count	(%)	Count	(%)
Concrete	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
ManufHousing	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	2	100.00
Masonry	0	0.00	0	0.00	0	0.00	0	0.00	2	100.00	0	0.00
Steel	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Wood	0	0.00	0	0.00	7	41.18	2	11.76	8	47.06	0	0.00



**Baker**



FEMA

## Essential Facility Damage

Before the flood analyzed in this scenario, the region had hospital beds available for use. On the day of the scenario flood event, the model estimates that hospital beds are available in the region.

**Table 5: Expected Damage to Essential Facilities**

Classification	Total	# Facilities		
		At Least Moderate	At Least Substantial	Loss of Use
Fire Stations	9	0	0	0
Hospitals	1	0	0	0
Police Stations	2	0	0	0
Schools	5	0	0	0

If this report displays all zeros or is blank, two possibilities can explain this.

- (1) None of your facilities were flooded. This can be checked by mapping the inventory data on the depth grid.
- (2) The analysis was not run. This can be tested by checking the run box on the Analysis Menu and seeing if a message box asks you to replace the existing results.



**Baker**



## Induced Flood Damage

### **Debris Generation**

HAZUS estimates the amount of debris that will be generated by the flood. The model breaks debris into three general categories: 1) Finishes (dry wall, insulation, etc.), 2) Structural (wood, brick, etc.) and 3) Foundations (concrete slab, concrete block, rebar, etc.). This distinction is made because of the different types of material handling equipment required to handle the debris.

The model estimates that a total of 2,939 tons of debris will be generated. Of the total amount, Finishes comprises 44% of the total, Structure comprises 25% of the total. If the debris tonnage is converted into an estimated number of truckloads, it will require 118 truckloads (@25 tons/truck) to remove the debris generated by the flood.

## Social Impact

### **Shelter Requirements**

HAZUS estimates the number of households that are expected to be displaced from their homes due to the flood and the associated potential evacuation. HAZUS also estimates those displaced people that will require accommodations in temporary public shelters. The model estimates 159 households will be displaced due to the flood. Displacement includes households evacuated from within or very near to the inundated area. Of these, 59 people (out of a total population of 29,334) will seek temporary shelter in public shelters.



**Baker**



## Economic Loss

The total economic loss estimated for the flood is 27.69 million dollars, which represents 7.48 % of the total replacement value of the scenario buildings.

### Building-Related Losses

The building losses are broken into two categories: direct building losses and business interruption losses. The direct building losses are the estimated costs to repair or replace the damage caused to the building and its contents. The business interruption losses are the losses associated with inability to operate a business because of the damage sustained during the flood. Business interruption losses also include the temporary living expenses for those people displaced from their homes because of the flood.

The total building-related losses were 27.30 million dollars. 1% of the estimated losses were related to the business interruption of the region. The residential occupancies made up 45.18% of the total loss. Table 6 below provides a summary of the losses associated with the building damage.

**Table 6: Building-Related Economic Loss Estimates**

(Millions of dollars)

Category	Area	Residential	Commercial	Industrial	Others	Total
<u>Building Loss</u>						
	Building	7.67	3.25	0.36	0.27	11.55
	Content	4.84	8.40	0.70	1.42	15.37
	Inventory	0.00	0.21	0.16	0.01	0.39
	<b>Subtotal</b>	<b>12.51</b>	<b>11.86</b>	<b>1.23</b>	<b>1.71</b>	<b>27.30</b>
<u>Business Interruption</u>						
	Income	0.00	0.05	0.00	0.00	0.05
	Relocation	0.01	0.02	0.00	0.00	0.02
	Rental Income	0.00	0.01	0.00	0.00	0.01
	Wage	0.00	0.06	0.00	0.03	0.09
	<b>Subtotal</b>	<b>0.01</b>	<b>0.13</b>	<b>0.00</b>	<b>0.03</b>	<b>0.17</b>
<u>ALL</u>	<b>Total</b>	<b>12.51</b>	<b>11.99</b>	<b>1.23</b>	<b>1.74</b>	<b>27.47</b>



## Appendix A: County Listing for the Region

West Virginia  
- Preston



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**Appendix B: Regional Population and Building Value Data**

	Population	Building Value (thousands of dollars)		
		Residential	Non-Residential	Total
<b>West Virginia</b>				
Preston	29,334	1,628,624	388,134	2,016,758
<b>Total</b>	<b>29,334</b>	<b>1,628,624</b>	<b>388,134</b>	<b>2,016,758</b>
<b>Total Study Region</b>	<b>29,334</b>	<b>1,628,624</b>	<b>388,134</b>	<b>2,016,758</b>





West Virginia Statewide HAZUS Level I Flood Analysis Project

# PRESTON COUNTY

WEST VIRGINIA

## HAZUS-MH: FLOOD EVENT REPORT

### 25 Year Flood Scenario



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#### DISCLAIMER

Totals only reflect data for those census tracts/blocks included in the user's study region. The estimates of social and economic impacts contained in this report were produced using HAZUS loss estimation methodology software which is based on current scientific and engineering knowledge. There are uncertainties inherent in any loss estimation technique. Therefore, there may be significant differences between the modeled results contained in this report and the actual social and economic losses following a specific flood. These results can be improved by using enhanced inventory data and flood hazard information.

Report Date: May 25, 2010

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**Baker**



## General Description of the Region

HAZUS is a regional multi-hazard loss estimation model that was developed by the Federal Emergency Management Agency (FEMA) and the National Institute of Building Sciences (NIBS). The primary purpose of HAZUS is to provide a methodology and software application to develop multi-hazard losses at a regional scale. These loss estimates would be used primarily by local, state and regional officials to plan and stimulate efforts to reduce risks from multi-hazards and to prepare for emergency response and recovery.

The flood loss estimates provided in this report were based on a region that included 1 county(ies) from the following state(s):

- West Virginia

**Note:**

Appendix A contains a complete listing of the counties contained in the region.

The geographical size of the region is 648 square miles and contains 2,600 census blocks. The region contains over 12 thousand households and has a total population of 29,334 people (2000 Census Bureau data). The distribution of population by State and County for the study region is provided in Appendix B.

There are an estimated 16,798 buildings in the region with a total building replacement value (excluding contents) of 2,017 million dollars (2006 dollars). Approximately 96.74% of the buildings (and 80.75% of the building value) are associated with residential housing.



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## General Building Stock

HAZUS estimates that there are 16,798 buildings in the region which have an aggregate total replacement value of 2,017 million (2006 dollars). Table 1 and Table 2 present the relative distribution of the value with respect to the general occupancies by Study Region and Scenario respectively. Appendix B provides a general distribution of the building value by State and County.

**Table 1  
Building Exposure by Occupancy Type for the Study Region**

<b>Occupancy</b>	<b>Exposure (\$1000)</b>	<b>Percent of Total</b>
Residential	1,628,624	80.8%
Commercial	249,517	12.4%
Industrial	74,107	3.7%
Agricultural	8,099	0.4%
Religion	18,877	0.9%
Government	14,836	0.7%
Education	22,698	1.1%
<b>Total</b>	<b>2,016,758</b>	<b>100.00%</b>

**Table 2  
Building Exposure by Occupancy Type for the Scenario**

<b>Occupancy</b>	<b>Exposure (\$1000)</b>	<b>Percent of Total</b>
Residential	312,403	85.0%
Commercial	36,039	9.8%
Industrial	9,759	2.7%
Agricultural	1,465	0.4%
Religion	1,140	0.3%
Government	5,201	1.4%
Education	1,357	0.4%
<b>Total</b>	<b>367,364</b>	<b>100.00%</b>

## Essential Facility Inventory

For essential facilities, there are 1 hospitals in the region with a total bed capacity of 60 beds. There are 5 schools, 9 fire stations, 2 police stations and no emergency operation centers.

## Flood Scenario Parameters

HAZUS used the following set of information to define the flood parameters for the flood loss estimate provided in this report.

<b>Study Region Name:</b>	PrestonCounty
<b>Scenario Name:</b>	25-YR
<b>Return Period Analyzed:</b>	25
<b>Analysis Options Analyzed:</b>	No What-Ifs



**Baker**



## General Building Stock Damage

HAZUS estimates that about 32 buildings will be at least moderately damaged. This is over 23% of the total number of buildings in the scenario. There are an estimated 4 buildings that will be completely destroyed. The definition of the 'damage states' is provided in Volume 1: Chapter 5 of the HAZUS Flood technical manual. Table 3 below summarizes the expected damage by general occupancy for the buildings in the region. Table 4 summarizes the expected damage by general building type.

**Table 3: Expected Building Damage by Occupancy**

Occupancy	1-10		11-20		21-30		31-40		41-50		Substantially	
	Count	(%)	Count	(%)	Count	(%)	Count	(%)	Count	(%)	Count	(%)
Agriculture	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Commercial	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00	0	0.00
Education	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Government	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Industrial	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Religion	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Residential	0	0.00	1	3.23	8	25.81	1	3.23	17	54.84	4	12.90
<b>Total</b>	<b>0</b>		<b>1</b>		<b>8</b>		<b>1</b>		<b>18</b>		<b>4</b>	

**Table 4: Expected Building Damage by Building Type**

Building Type	1-10		11-20		21-30		31-40		41-50		Substantially	
	Count	(%)	Count	(%)	Count	(%)	Count	(%)	Count	(%)	Count	(%)
Concrete	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
ManufHousing	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	4	100.00
Masonry	0	0.00	0	0.00	1	16.67	0	0.00	5	83.33	0	0.00
Steel	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Wood	0	0.00	1	4.76	7	33.33	1	4.76	12	57.14	0	0.00



**Baker**



## Essential Facility Damage

Before the flood analyzed in this scenario, the region had hospital beds available for use. On the day of the scenario flood event, the model estimates that hospital beds are available in the region.

**Table 5: Expected Damage to Essential Facilities**

Classification	Total	# Facilities		
		At Least Moderate	At Least Substantial	Loss of Use
Fire Stations	9	0	0	0
Hospitals	1	0	0	0
Police Stations	2	0	0	0
Schools	5	0	0	0

If this report displays all zeros or is blank, two possibilities can explain this.

- (1) None of your facilities were flooded. This can be checked by mapping the inventory data on the depth grid.
- (2) The analysis was not run. This can be tested by checking the run box on the Analysis Menu and seeing if a message box asks you to replace the existing results.



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## Induced Flood Damage

### **Debris Generation**

HAZUS estimates the amount of debris that will be generated by the flood. The model breaks debris into three general categories: 1) Finishes (dry wall, insulation, etc.), 2) Structural (wood, brick, etc.) and 3) Foundations (concrete slab, concrete block, rebar, etc.). This distinction is made because of the different types of material handling equipment required to handle the debris.

The model estimates that a total of 3,928 tons of debris will be generated. Of the total amount, Finishes comprises 40% of the total, Structure comprises 26% of the total. If the debris tonnage is converted into an estimated number of truckloads, it will require 157 truckloads (@25 tons/truck) to remove the debris generated by the flood.

## Social Impact

### **Shelter Requirements**

HAZUS estimates the number of households that are expected to be displaced from their homes due to the flood and the associated potential evacuation. HAZUS also estimates those displaced people that will require accommodations in temporary public shelters. The model estimates 178 households will be displaced due to the flood. Displacement includes households evacuated from within or very near to the inundated area. Of these, 92 people (out of a total population of 29,334) will seek temporary shelter in public shelters.



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## Economic Loss

The total economic loss estimated for the flood is 32.49 million dollars, which represents 8.77 % of the total replacement value of the scenario buildings.

### Building-Related Losses

The building losses are broken into two categories: direct building losses and business interruption losses. The direct building losses are the estimated costs to repair or replace the damage caused to the building and its contents. The business interruption losses are the losses associated with inability to operate a business because of the damage sustained during the flood. Business interruption losses also include the temporary living expenses for those people displaced from their homes because of the flood.

The total building-related losses were 32.05 million dollars. 1% of the estimated losses were related to the business interruption of the region. The residential occupancies made up 47.78% of the total loss. Table 6 below provides a summary of the losses associated with the building damage.

**Table 6: Building-Related Economic Loss Estimates**

(Millions of dollars)

Category	Area	Residential	Commercial	Industrial	Others	Total
<u>Building Loss</u>						
	Building	9.56	3.95	0.41	0.32	14.24
	Content	5.96	9.06	0.75	1.64	17.40
	Inventory	0.00	0.23	0.17	0.01	0.41
	<b>Subtotal</b>	<b>15.52</b>	<b>13.23</b>	<b>1.33</b>	<b>1.97</b>	<b>32.05</b>
<u>Business Interruption</u>						
	Income	0.00	0.05	0.00	0.01	0.06
	Relocation	0.01	0.02	0.00	0.00	0.02
	Rental Income	0.00	0.01	0.00	0.00	0.01
	Wage	0.00	0.07	0.00	0.03	0.10
	<b>Subtotal</b>	<b>0.01</b>	<b>0.15</b>	<b>0.00</b>	<b>0.04</b>	<b>0.19</b>
<u>ALL</u>	<b>Total</b>	<b>15.53</b>	<b>13.38</b>	<b>1.33</b>	<b>2.01</b>	<b>32.24</b>



**Baker**



## Appendix A: County Listing for the Region

West Virginia  
- Preston



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**Appendix B: Regional Population and Building Value Data**

	Population	Building Value (thousands of dollars)		
		Residential	Non-Residential	Total
<b>West Virginia</b>				
Preston	29,334	1,628,624	388,134	2,016,758
<b>Total</b>	<b>29,334</b>	<b>1,628,624</b>	<b>388,134</b>	<b>2,016,758</b>
<b>Total Study Region</b>	<b>29,334</b>	<b>1,628,624</b>	<b>388,134</b>	<b>2,016,758</b>



**Baker**





West Virginia Statewide HAZUS Level I Flood Analysis Project

# PRESTON COUNTY

## WEST VIRGINIA

### HAZUS-MH: FLOOD EVENT REPORT

## 50 Year Flood Scenario



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#### DISCLAIMER

Totals only reflect data for those census tracts/blocks included in the user's study region. The estimates of social and economic impacts contained in this report were produced using HAZUS loss estimation methodology software which is based on current scientific and engineering knowledge. There are uncertainties inherent in any loss estimation technique. Therefore, there may be significant differences between the modeled results contained in this report and the actual social and economic losses following a specific flood. These results can be improved by using enhanced inventory data and flood hazard information.

Report Date: May 25, 2010

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**Baker**



## General Description of the Region

HAZUS is a regional multi-hazard loss estimation model that was developed by the Federal Emergency Management Agency (FEMA) and the National Institute of Building Sciences (NIBS). The primary purpose of HAZUS is to provide a methodology and software application to develop multi-hazard losses at a regional scale. These loss estimates would be used primarily by local, state and regional officials to plan and stimulate efforts to reduce risks from multi-hazards and to prepare for emergency response and recovery.

The flood loss estimates provided in this report were based on a region that included 1 county(ies) from the following state(s):

- West Virginia

**Note:**

Appendix A contains a complete listing of the counties contained in the region.

The geographical size of the region is 648 square miles and contains 2,600 census blocks. The region contains over 12 thousand households and has a total population of 29,334 people (2000 Census Bureau data). The distribution of population by State and County for the study region is provided in Appendix B.

There are an estimated 16,798 buildings in the region with a total building replacement value (excluding contents) of 2,017 million dollars (2006 dollars). Approximately 96.74% of the buildings (and 80.75% of the building value) are associated with residential housing.



**Baker**



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## General Building Stock

HAZUS estimates that there are 16,798 buildings in the region which have an aggregate total replacement value of 2,017 million (2006 dollars). Table 1 and Table 2 present the relative distribution of the value with respect to the general occupancies by Study Region and Scenario respectively. Appendix B provides a general distribution of the building value by State and County.

**Table 1  
Building Exposure by Occupancy Type for the Study Region**

<b>Occupancy</b>	<b>Exposure (\$1000)</b>	<b>Percent of Total</b>
Residential	1,628,624	80.8%
Commercial	249,517	12.4%
Industrial	74,107	3.7%
Agricultural	8,099	0.4%
Religion	18,877	0.9%
Government	14,836	0.7%
Education	22,698	1.1%
<b>Total</b>	<b>2,016,758</b>	<b>100.00%</b>

**Table 2  
Building Exposure by Occupancy Type for the Scenario**

<b>Occupancy</b>	<b>Exposure (\$1000)</b>	<b>Percent of Total</b>
Residential	321,206	85.4%
Commercial	36,039	9.6%
Industrial	9,759	2.6%
Agricultural	1,465	0.4%
Religion	1,140	0.3%
Government	5,201	1.4%
Education	1,357	0.4%
<b>Total</b>	<b>376,167</b>	<b>100.00%</b>

## Essential Facility Inventory

For essential facilities, there are 1 hospitals in the region with a total bed capacity of 60 beds. There are 5 schools, 9 fire stations, 2 police stations and no emergency operation centers.



**Baker**



## Flood Scenario Parameters

HAZUS used the following set of information to define the flood parameters for the flood loss estimate provided in this report.

<b>Study Region Name:</b>	PrestonCounty
<b>Scenario Name:</b>	50-YR
<b>Return Period Analyzed:</b>	50
<b>Analysis Options Analyzed:</b>	No What-Ifs



**Baker**



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## General Building Stock Damage

HAZUS estimates that about 39 buildings will be at least moderately damaged. This is over 20% of the total number of buildings in the scenario. There are an estimated 6 buildings that will be completely destroyed. The definition of the 'damage states' is provided in Volume 1: Chapter 5 of the HAZUS Flood technical manual. Table 3 below summarizes the expected damage by general occupancy for the buildings in the region. Table 4 summarizes the expected damage by general building type.

**Table 3: Expected Building Damage by Occupancy**

Occupancy	1-10		11-20		21-30		31-40		41-50		Substantially	
	Count	(%)	Count	(%)	Count	(%)	Count	(%)	Count	(%)	Count	(%)
Agriculture	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Commercial	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00	0	0.00
Education	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Government	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Industrial	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Religion	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Residential	0	0.00	0	0.00	9	23.68	2	5.26	21	55.26	6	15.79
<b>Total</b>	<b>0</b>		<b>0</b>		<b>9</b>		<b>2</b>		<b>22</b>		<b>6</b>	

**Table 4: Expected Building Damage by Building Type**

Building Type	1-10		11-20		21-30		31-40		41-50		Substantially	
	Count	(%)	Count	(%)	Count	(%)	Count	(%)	Count	(%)	Count	(%)
Concrete	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
ManufHousing	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	5	100.00
Masonry	0	0.00	0	0.00	1	12.50	0	0.00	7	87.50	0	0.00
Steel	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Wood	0	0.00	0	0.00	8	32.00	2	8.00	14	56.00	1	4.00



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## Essential Facility Damage

Before the flood analyzed in this scenario, the region had hospital beds available for use. On the day of the scenario flood event, the model estimates that hospital beds are available in the region.

**Table 5: Expected Damage to Essential Facilities**

Classification	Total	# Facilities		
		At Least Moderate	At Least Substantial	Loss of Use
Fire Stations	9	0	0	0
Hospitals	1	0	0	0
Police Stations	2	0	0	0
Schools	5	0	0	0

If this report displays all zeros or is blank, two possibilities can explain this.

- (1) None of your facilities were flooded. This can be checked by mapping the inventory data on the depth grid.
- (2) The analysis was not run. This can be tested by checking the run box on the Analysis Menu and seeing if a message box asks you to replace the existing results.



**Baker**



## Induced Flood Damage

### Debris Generation

HAZUS estimates the amount of debris that will be generated by the flood. The model breaks debris into three general categories: 1) Finishes (dry wall, insulation, etc.), 2) Structural (wood, brick, etc.) and 3) Foundations (concrete slab, concrete block, rebar, etc.). This distinction is made because of the different types of material handling equipment required to handle the debris.

The model estimates that a total of 4,648 tons of debris will be generated. Of the total amount, Finishes comprises 39% of the total, Structure comprises 27% of the total. If the debris tonnage is converted into an estimated number of truckloads, it will require 186 truckloads (@25 tons/truck) to remove the debris generated by the flood.

## Social Impact

### Shelter Requirements

HAZUS estimates the number of households that are expected to be displaced from their homes due to the flood and the associated potential evacuation. HAZUS also estimates those displaced people that will require accommodations in temporary public shelters. The model estimates 199 households will be displaced due to the flood. Displacement includes households evacuated from within or very near to the inundated area. Of these, 102 people (out of a total population of 29,334) will seek temporary shelter in public shelters.



**Baker**



## Economic Loss

The total economic loss estimated for the flood is 36.06 million dollars, which represents 9.73 % of the total replacement value of the scenario buildings.

### Building-Related Losses

The building losses are broken into two categories: direct building losses and business interruption losses. The direct building losses are the estimated costs to repair or replace the damage caused to the building and its contents. The business interruption losses are the losses associated with inability to operate a business because of the damage sustained during the flood. Business interruption losses also include the temporary living expenses for those people displaced from their homes because of the flood.

The total building-related losses were 35.59 million dollars. 1% of the estimated losses were related to the business interruption of the region. The residential occupancies made up 50.16% of the total loss. Table 6 below provides a summary of the losses associated with the building damage.

**Table 6: Building-Related Economic Loss Estimates**

(Millions of dollars)

Category	Area	Residential	Commercial	Industrial	Others	Total
<u>Building Loss</u>						
	Building	11.15	4.34	0.40	0.36	16.25
	Content	6.93	9.40	0.73	1.87	18.92
	Inventory	0.00	0.24	0.17	0.01	0.41
	<b>Subtotal</b>	<b>18.07</b>	<b>13.98</b>	<b>1.29</b>	<b>2.25</b>	<b>35.59</b>
<u>Business Interruption</u>						
	Income	0.00	0.05	0.00	0.01	0.06
	Relocation	0.01	0.02	0.00	0.00	0.03
	Rental Income	0.00	0.01	0.00	0.00	0.01
	Wage	0.00	0.07	0.00	0.03	0.10
	<b>Subtotal</b>	<b>0.01</b>	<b>0.15</b>	<b>0.00</b>	<b>0.04</b>	<b>0.20</b>
<u>ALL</u>	<b>Total</b>	<b>18.08</b>	<b>14.13</b>	<b>1.29</b>	<b>2.29</b>	<b>35.79</b>



**Baker**



## Appendix A: County Listing for the Region

West Virginia  
- Preston



**Baker**



**Appendix B: Regional Population and Building Value Data**

	Population	Building Value (thousands of dollars)		
		Residential	Non-Residential	Total
<b>West Virginia</b>				
Preston	29,334	1,628,624	388,134	2,016,758
<b>Total</b>	<b>29,334</b>	<b>1,628,624</b>	<b>388,134</b>	<b>2,016,758</b>
<b>Total Study Region</b>	<b>29,334</b>	<b>1,628,624</b>	<b>388,134</b>	<b>2,016,758</b>





West Virginia Statewide HAZUS Level I Flood Analysis Project

# PRESTON COUNTY

## WEST VIRGINIA

### HAZUS-MH: FLOOD EVENT REPORT

# 100 Year Flood Scenario



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#### DISCLAIMER

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Report Date: May 25, 2010

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**Baker**



## General Description of the Region

HAZUS is a regional multi-hazard loss estimation model that was developed by the Federal Emergency Management Agency (FEMA) and the National Institute of Building Sciences (NIBS). The primary purpose of HAZUS is to provide a methodology and software application to develop multi-hazard losses at a regional scale. These loss estimates would be used primarily by local, state and regional officials to plan and stimulate efforts to reduce risks from multi-hazards and to prepare for emergency response and recovery.

The flood loss estimates provided in this report were based on a region that included 1 county(ies) from the following state(s):

- West Virginia

**Note:**

Appendix A contains a complete listing of the counties contained in the region.

The geographical size of the region is 648 square miles and contains 2,600 census blocks. The region contains over 12 thousand households and has a total population of 29,334 people (2000 Census Bureau data). The distribution of population by State and County for the study region is provided in Appendix B.

There are an estimated 16,798 buildings in the region with a total building replacement value (excluding contents) of 2,017 million dollars (2006 dollars). Approximately 96.74% of the buildings (and 80.75% of the building value) are associated with residential housing.



**Baker**



FEMA

## General Building Stock

HAZUS estimates that there are 16,798 buildings in the region which have an aggregate total replacement value of 2,017 million (2006 dollars). Table 1 and Table 2 present the relative distribution of the value with respect to the general occupancies by Study Region and Scenario respectively. Appendix B provides a general distribution of the building value by State and County.

**Table 1  
Building Exposure by Occupancy Type for the Study Region**

<b>Occupancy</b>	<b>Exposure (\$1000)</b>	<b>Percent of Total</b>
Residential	1,628,624	80.8%
Commercial	249,517	12.4%
Industrial	74,107	3.7%
Agricultural	8,099	0.4%
Religion	18,877	0.9%
Government	14,836	0.7%
Education	22,698	1.1%
<b>Total</b>	<b>2,016,758</b>	<b>100.00%</b>

**Table 2  
Building Exposure by Occupancy Type for the Scenario**

<b>Occupancy</b>	<b>Exposure (\$1000)</b>	<b>Percent of Total</b>
Residential	334,485	85.8%
Commercial	36,414	9.3%
Industrial	9,759	2.5%
Agricultural	1,465	0.4%
Religion	1,140	0.3%
Government	5,201	1.3%
Education	1,357	0.3%
<b>Total</b>	<b>389,821</b>	<b>100.00%</b>

## Essential Facility Inventory

For essential facilities, there are 1 hospitals in the region with a total bed capacity of 60 beds. There are 5 schools, 9 fire stations, 2 police stations and no emergency operation centers.



**Baker**



## Flood Scenario Parameters

HAZUS used the following set of information to define the flood parameters for the flood loss estimate provided in this report.

<b>Study Region Name:</b>	PrestonCounty
<b>Scenario Name:</b>	100-YR
<b>Return Period Analyzed:</b>	100
<b>Analysis Options Analyzed:</b>	No What-Ifs



**Baker**



FEMA

## General Building Stock Damage

HAZUS estimates that about 46 buildings will be at least moderately damaged. This is over 20% of the total number of buildings in the scenario. There are an estimated 7 buildings that will be completely destroyed. The definition of the 'damage states' is provided in Volume 1: Chapter 5 of the HAZUS Flood technical manual. Table 3 below summarizes the expected damage by general occupancy for the buildings in the region. Table 4 summarizes the expected damage by general building type.

**Table 3: Expected Building Damage by Occupancy**

Occupancy	1-10		11-20		21-30		31-40		41-50		Substantially	
	Count	(%)	Count	(%)	Count	(%)	Count	(%)	Count	(%)	Count	(%)
Agriculture	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Commercial	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Education	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Government	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Industrial	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Religion	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Residential	0	0.00	0	0.00	11	23.91	3	6.52	25	54.35	7	15.22
<b>Total</b>	<b>0</b>		<b>0</b>		<b>11</b>		<b>3</b>		<b>25</b>		<b>7</b>	

**Table 4: Expected Building Damage by Building Type**

Building Type	1-10		11-20		21-30		31-40		41-50		Substantially	
	Count	(%)	Count	(%)	Count	(%)	Count	(%)	Count	(%)	Count	(%)
Concrete	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
ManufHousing	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	5	100.00
Masonry	0	0.00	0	0.00	1	11.11	1	11.11	7	77.78	0	0.00
Steel	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Wood	0	0.00	0	0.00	10	31.25	2	6.25	18	56.25	2	6.25



**Baker**



## Essential Facility Damage

Before the flood analyzed in this scenario, the region had hospital beds available for use. On the day of the scenario flood event, the model estimates that hospital beds are available in the region.

**Table 5: Expected Damage to Essential Facilities**

Classification	Total	# Facilities		
		At Least Moderate	At Least Substantial	Loss of Use
Fire Stations	9	0	0	0
Hospitals	1	0	0	0
Police Stations	2	0	0	0
Schools	5	0	0	0

If this report displays all zeros or is blank, two possibilities can explain this.

- (1) None of your facilities were flooded. This can be checked by mapping the inventory data on the depth grid.
- (2) The analysis was not run. This can be tested by checking the run box on the Analysis Menu and seeing if a message box asks you to replace the existing results.



**Baker**



## Induced Flood Damage

### **Debris Generation**

HAZUS estimates the amount of debris that will be generated by the flood. The model breaks debris into three general categories: 1) Finishes (dry wall, insulation, etc.), 2) Structural (wood, brick, etc.) and 3) Foundations (concrete slab, concrete block, rebar, etc.). This distinction is made because of the different types of material handling equipment required to handle the debris.

The model estimates that a total of 5,635 tons of debris will be generated. Of the total amount, Finishes comprises 36% of the total, Structure comprises 28% of the total. If the debris tonnage is converted into an estimated number of truckloads, it will require 225 truckloads (@25 tons/truck) to remove the debris generated by the flood.

## Social Impact

### **Shelter Requirements**

HAZUS estimates the number of households that are expected to be displaced from their homes due to the flood and the associated potential evacuation. HAZUS also estimates those displaced people that will require accommodations in temporary public shelters. The model estimates 220 households will be displaced due to the flood. Displacement includes households evacuated from within or very near to the inundated area. Of these, 144 people (out of a total population of 29,334) will seek temporary shelter in public shelters.



**Baker**



## Economic Loss

The total economic loss estimated for the flood is 39.96 million dollars, which represents 10.79 % of the total replacement value of the scenario buildings.

### Building-Related Losses

The building losses are broken into two categories: direct building losses and business interruption losses. The direct building losses are the estimated costs to repair or replace the damage caused to the building and its contents. The business interruption losses are the losses associated with inability to operate a business because of the damage sustained during the flood. Business interruption losses also include the temporary living expenses for those people displaced from their homes because of the flood.

The total building-related losses were 39.46 million dollars. 1% of the estimated losses were related to the business interruption of the region. The residential occupancies made up 51.13% of the total loss. Table 6 below provides a summary of the losses associated with the building damage.

**Table 6: Building-Related Economic Loss Estimates**

(Millions of dollars)

Category	Area	Residential	Commercial	Industrial	Others	Total
<u>Building Loss</u>						
	Building	12.59	4.77	0.47	0.46	18.28
	Content	7.83	9.72	0.85	2.33	20.73
	Inventory	0.00	0.24	0.19	0.01	0.45
	<b>Subtotal</b>	<b>20.42</b>	<b>14.73</b>	<b>1.51</b>	<b>2.80</b>	<b>39.46</b>
<u>Business Interruption</u>						
	Income	0.00	0.06	0.00	0.01	0.06
	Relocation	0.01	0.02	0.00	0.00	0.03
	Rental Income	0.00	0.01	0.00	0.00	0.02
	Wage	0.00	0.07	0.00	0.04	0.11
	<b>Subtotal</b>	<b>0.02</b>	<b>0.16</b>	<b>0.00</b>	<b>0.04</b>	<b>0.22</b>
<u>ALL</u>	<b>Total</b>	<b>20.44</b>	<b>14.89</b>	<b>1.51</b>	<b>2.85</b>	<b>39.68</b>



**Baker**



## Appendix A: County Listing for the Region

West Virginia  
- Preston



**Baker**



FEMA

**Appendix B: Regional Population and Building Value Data**

	Population	Building Value (thousands of dollars)		
		Residential	Non-Residential	Total
<b>West Virginia</b>				
Preston	29,334	1,628,624	388,134	2,016,758
<b>Total</b>	<b>29,334</b>	<b>1,628,624</b>	<b>388,134</b>	<b>2,016,758</b>
<b>Total Study Region</b>	<b>29,334</b>	<b>1,628,624</b>	<b>388,134</b>	<b>2,016,758</b>



**Baker**



# HAZUS-MH: Flood Event Report

**Region Name:** TaylorCounty

**Flood Scenario:** 10-YR

**Print Date:** Monday, March 01, 2010

***Disclaimer:***

*Totals only reflect data for those census tracts/blocks included in the user's study region.*

*The estimates of social and economic impacts contained in this report were produced using HAZUS loss estimation methodology software which is based on current scientific and engineering knowledge. There are uncertainties inherent in any loss estimation technique. Therefore, there may be significant differences between the modeled results contained in this report and the actual social*

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## General Description of the Region

HAZUS is a regional multi-hazard loss estimation model that was developed by the Federal Emergency Management Agency (FEMA) and the National Institute of Building Sciences (NIBS). The primary purpose of HAZUS is to provide a methodology and software application to develop multi-hazard losses at a regional scale. These loss estimates would be used primarily by local, state and regional officials to plan and stimulate efforts to reduce risks from multi-hazards and to prepare for emergency response and recovery.

The flood loss estimates provided in this report were based on a region that included 1 county(ies) from the following state(s):

- West Virginia

**Note:**

Appendix A contains a complete listing of the counties contained in the region.

The geographical size of the region is 173 square miles and contains 950 census blocks. The region contains over 6 thousand households and has a total population of 16,089 people (2000 Census Bureau data). The distribution of population by State and County for the study region is provided in Appendix B.

There are an estimated 8,670 buildings in the region with a total building replacement value (excluding contents) of 1,025 million dollars (2006 dollars). Approximately 96.98% of the buildings (and 85.04% of the building value) are associated with residential housing.

### General Building Stock

HAZUS estimates that there are 8,670 buildings in the region which have an aggregate total replacement value of 1,025 million (2006 dollars). Table 1 and Table 2 present the relative distribution of the value with respect to the general occupancies by Study Region and Scenario respectively. Appendix B provides a general distribution of the building value by State and County.

**Table 1**  
**Building Exposure by Occupancy Type for the Study Region**

<b>Occupancy</b>	<b>Exposure (\$1000)</b>	<b>Percent of Total</b>
Residential	871,314	85.0%
Commercial	82,956	8.1%
Industrial	35,723	3.5%
Agricultural	1,606	0.2%
Religion	16,380	1.6%
Government	10,478	1.0%
Education	6,135	0.6%
<b>Total</b>	<b>1,024,592</b>	<b>100.00%</b>

**Table 2**  
**Building Exposure by Occupancy Type for the Scenario**

<b>Occupancy</b>	<b>Exposure (\$1000)</b>	<b>Percent of Total</b>
Residential	275,385	90.9%
Commercial	12,959	4.3%
Industrial	6,712	2.2%
Agricultural	925	0.3%
Religion	1,743	0.6%
Government	2,129	0.7%
Education	3,213	1.1%
<b>Total</b>	<b>303,066</b>	<b>100.00%</b>

### Essential Facility Inventory

For essential facilities, there are 1 hospitals in the region with a total bed capacity of 101 beds. There are 3 schools, 1 fire station, 2 police stations and no emergency operation centers.

## Flood Scenario Parameters

HAZUS used the following set of information to define the flood parameters for the flood loss estimate provided in this report.

<b>Study Region Name:</b>	TaylorCounty
<b>Scenario Name:</b>	10-YR
<b>Return Period Analyzed:</b>	10
<b>Analysis Options Analyzed:</b>	No What-Ifs

## General Building Stock Damage

HAZUS estimates that about 46 buildings will be at least moderately damaged. This is over 23% of the total number of buildings in the scenario. There are an estimated 9 buildings that will be completely destroyed. The definition of the 'damage states' is provided in Volume 1: Chapter 5 of the HAZUS Flood technical manual. Table 3 below summarizes the expected damage by general occupancy for the buildings in the region. Table 4 summarizes the expected damage by general building type.

**Table 3: Expected Building Damage by Occupancy**

Occupancy	1-10		11-20		21-30		31-40		41-50		Substantially	
	Count	(%)	Count	(%)	Count	(%)	Count	(%)	Count	(%)	Count	(%)
Agriculture	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Commercial	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Education	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Government	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Industrial	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Religion	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Residential	0	0.00	1	2.17	15	32.61	4	8.70	17	36.96	9	19.57
<b>Total</b>	<b>0</b>		<b>1</b>		<b>15</b>		<b>4</b>		<b>17</b>		<b>9</b>	

**Table 4: Expected Building Damage by Building Type**

Building Type	1-10		11-20		21-30		31-40		41-50		Substantially	
	Count	(%)	Count	(%)	Count	(%)	Count	(%)	Count	(%)	Count	(%)
Concrete	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
ManufHousing	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00
Masonry	0	0.00	0	0.00	4	36.36	1	9.09	4	36.36	2	18.18
Steel	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Wood	0	0.00	1	2.94	11	32.35	3	8.82	13	38.24	6	17.65

## Essential Facility Damage

Before the flood analyzed in this scenario, the region had hospital beds available for use. On the day of the scenario flood event, the model estimates that hospital beds are available in the region.

**Table 5: Expected Damage to Essential Facilities**

Classification	Total	# Facilities		
		At Least Moderate	At Least Substantial	Loss of Use
Fire Stations	1	0	0	0
Hospitals	1	0	0	0
Police Stations	2	0	0	0
Schools	3	1	0	0

If this report displays all zeros or is blank, two possibilities can explain this.

- (1) None of your facilities were flooded. This can be checked by mapping the inventory data on the depth grid.
- (2) The analysis was not run. This can be tested by checking the run box on the Analysis Menu and seeing if a message box asks you to replace the existing results.

## Induced Flood Damage

### **Debris Generation**

HAZUS estimates the amount of debris that will be generated by the flood. The model breaks debris into three general categories: 1) Finishes (dry wall, insulation, etc.), 2) Structural (wood, brick, etc.) and 3) Foundations (concrete slab, concrete block, rebar, etc.). This distinction is made because of the different types of material handling equipment required to handle the debris.

The model estimates that a total of 4,937 tons of debris will be generated. Of the total amount, Finishes comprises 32% of the total, Structure comprises 31% of the total. If the debris tonnage is converted into an estimated number of truckloads, it will require 197 truckloads (@25 tons/truck) to remove the debris generated by the flood.

## Social Impact

### **Shelter Requirements**

HAZUS estimates the number of households that are expected to be displaced from their homes due to the flood and the associated potential evacuation. HAZUS also estimates those displaced people that will require accommodations in temporary public shelters. The model estimates 168 households will be displaced due to the flood. Displacement includes households evacuated from within or very near to the inundated area. Of these, 184 people (out of a total population of 16,089) will seek temporary shelter in public shelters.

## Economic Loss

The total economic loss estimated for the flood is 21.01 million dollars, which represents 6.49 % of the total replacement value of the scenario buildings.

### Building-Related Losses

The building losses are broken into two categories: direct building losses and business interruption losses. The direct building losses are the estimated costs to repair or replace the damage caused to the building and its contents. The business interruption losses are the losses associated with inability to operate a business because of the damage sustained during the flood. Business interruption losses also include the temporary living expenses for those people displaced from their homes because of the flood.

The total building-related losses were 20.62 million dollars. 1% of the estimated losses were related to the business interruption of the region. The residential occupancies made up 69.35% of the total loss. Table 6 below provides a summary of the losses associated with the building damage.

**Table 6: Building-Related Economic Loss Estimates**

(Millions of dollars)

Category	Area	Residential	Commercial	Industrial	Others	Total
<u>Building Loss</u>						
	Building	8.83	0.54	0.57	0.51	10.45
	Content	5.72	1.38	1.21	1.66	9.97
	Inventory	0.00	0.03	0.14	0.05	0.21
	<b>Subtotal</b>	<b>14.55</b>	<b>1.95</b>	<b>1.91</b>	<b>2.21</b>	<b>20.62</b>
<u>Business Interruption</u>						
	Income	0.00	0.01	0.00	0.01	0.02
	Relocation	0.01	0.00	0.00	0.00	0.01
	Rental Income	0.00	0.00	0.00	0.00	0.00
	Wage	0.00	0.01	0.00	0.09	0.10
	<b>Subtotal</b>	<b>0.02</b>	<b>0.01</b>	<b>0.00</b>	<b>0.10</b>	<b>0.14</b>
<u>ALL</u>	<b>Total</b>	<b>14.57</b>	<b>1.96</b>	<b>1.91</b>	<b>2.32</b>	<b>20.76</b>

## **Appendix A: County Listing for the Region**

West Virginia

- Taylor

**Appendix B: Regional Population and Building Value Data**

	Building Value (thousands of dollars)			Total
	Population	Residential	Non-Residential	
<b>West Virginia</b>				
Taylor	16,089	871,314	153,278	1,024,592
<b>Total</b>	<b>16,089</b>	<b>871,314</b>	<b>153,278</b>	<b>1,024,592</b>
<b>Total Study Region</b>	<b>16,089</b>	<b>871,314</b>	<b>153,278</b>	<b>1,024,592</b>

# HAZUS-MH: Flood Event Report

**Region Name:** TaylorCounty

**Flood Scenario:** 25-YR

**Print Date:** Monday, March 01, 2010

***Disclaimer:***

*Totals only reflect data for those census tracts/blocks included in the user's study region.*

*The estimates of social and economic impacts contained in this report were produced using HAZUS loss estimation methodology software which is based on current scientific and engineering knowledge. There are uncertainties inherent in any loss estimation technique. Therefore, there may be significant differences between the modeled results contained in this report and the actual social*

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## General Description of the Region

HAZUS is a regional multi-hazard loss estimation model that was developed by the Federal Emergency Management Agency (FEMA) and the National Institute of Building Sciences (NIBS). The primary purpose of HAZUS is to provide a methodology and software application to develop multi-hazard losses at a regional scale. These loss estimates would be used primarily by local, state and regional officials to plan and stimulate efforts to reduce risks from multi-hazards and to prepare for emergency response and recovery.

The flood loss estimates provided in this report were based on a region that included 1 county(ies) from the following state(s):

- West Virginia

**Note:**

Appendix A contains a complete listing of the counties contained in the region.

The geographical size of the region is 173 square miles and contains 950 census blocks. The region contains over 6 thousand households and has a total population of 16,089 people (2000 Census Bureau data). The distribution of population by State and County for the study region is provided in Appendix B.

There are an estimated 8,670 buildings in the region with a total building replacement value (excluding contents) of 1,025 million dollars (2006 dollars). Approximately 96.98% of the buildings (and 85.04% of the building value) are associated with residential housing.

## General Building Stock

HAZUS estimates that there are 8,670 buildings in the region which have an aggregate total replacement value of 1,025 million (2006 dollars). Table 1 and Table 2 present the relative distribution of the value with respect to the general occupancies by Study Region and Scenario respectively. Appendix B provides a general distribution of the building value by State and County.

**Table 1  
Building Exposure by Occupancy Type for the Study Region**

<b>Occupancy</b>	<b>Exposure (\$1000)</b>	<b>Percent of Total</b>
Residential	871,314	85.0%
Commercial	82,956	8.1%
Industrial	35,723	3.5%
Agricultural	1,606	0.2%
Religion	16,380	1.6%
Government	10,478	1.0%
Education	6,135	0.6%
<b>Total</b>	<b>1,024,592</b>	<b>100.00%</b>

**Table 2  
Building Exposure by Occupancy Type for the Scenario**

<b>Occupancy</b>	<b>Exposure (\$1000)</b>	<b>Percent of Total</b>
Residential	293,476	90.3%
Commercial	15,830	4.9%
Industrial	6,872	2.1%
Agricultural	925	0.3%
Religion	2,674	0.8%
Government	2,129	0.7%
Education	3,213	1.0%
<b>Total</b>	<b>325,119</b>	<b>100.00%</b>

## Essential Facility Inventory

For essential facilities, there are 1 hospitals in the region with a total bed capacity of 101 beds. There are 3 schools, 1 fire station, 2 police stations and no emergency operation centers.

## Flood Scenario Parameters

HAZUS used the following set of information to define the flood parameters for the flood loss estimate provided in this report.

<b>Study Region Name:</b>	TaylorCounty
<b>Scenario Name:</b>	25-YR
<b>Return Period Analyzed:</b>	25
<b>Analysis Options Analyzed:</b>	No What-Ifs

## General Building Stock Damage

HAZUS estimates that about 72 buildings will be at least moderately damaged. This is over 27% of the total number of buildings in the scenario. There are an estimated 15 buildings that will be completely destroyed. The definition of the 'damage states' is provided in Volume 1: Chapter 5 of the HAZUS Flood technical manual. Table 3 below summarizes the expected damage by general occupancy for the buildings in the region. Table 4 summarizes the expected damage by general building type.

**Table 3: Expected Building Damage by Occupancy**

Occupancy	1-10		11-20		21-30		31-40		41-50		Substantially	
	Count	(%)	Count	(%)	Count	(%)	Count	(%)	Count	(%)	Count	(%)
Agriculture	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Commercial	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Education	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Government	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Industrial	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Religion	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Residential	0	0.00	3	4.17	24	33.33	5	6.94	25	34.72	15	20.83
<b>Total</b>	<b>0</b>		<b>3</b>		<b>24</b>		<b>5</b>		<b>25</b>		<b>15</b>	

**Table 4: Expected Building Damage by Building Type**

Building Type	1-10		11-20		21-30		31-40		41-50		Substantially	
	Count	(%)	Count	(%)	Count	(%)	Count	(%)	Count	(%)	Count	(%)
Concrete	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
ManufHousing	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00
Masonry	0	0.00	1	5.88	6	35.29	1	5.88	6	35.29	3	17.65
Steel	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Wood	0	0.00	2	3.70	18	33.33	4	7.41	19	35.19	11	20.37

## Essential Facility Damage

Before the flood analyzed in this scenario, the region had hospital beds available for use. On the day of the scenario flood event, the model estimates that hospital beds are available in the region.

**Table 5: Expected Damage to Essential Facilities**

Classification	Total	# Facilities		
		At Least Moderate	At Least Substantial	Loss of Use
Fire Stations	1	0	0	0
Hospitals	1	0	0	0
Police Stations	2	0	0	0
Schools	3	1	0	0

If this report displays all zeros or is blank, two possibilities can explain this.

- (1) None of your facilities were flooded. This can be checked by mapping the inventory data on the depth grid.
- (2) The analysis was not run. This can be tested by checking the run box on the Analysis Menu and seeing if a message box asks you to replace the existing results.

## Induced Flood Damage

### **Debris Generation**

HAZUS estimates the amount of debris that will be generated by the flood. The model breaks debris into three general categories: 1) Finishes (dry wall, insulation, etc.), 2) Structural (wood, brick, etc.) and 3) Foundations (concrete slab, concrete block, rebar, etc.). This distinction is made because of the different types of material handling equipment required to handle the debris.

The model estimates that a total of 6,842 tons of debris will be generated. Of the total amount, Finishes comprises 31% of the total, Structure comprises 32% of the total. If the debris tonnage is converted into an estimated number of truckloads, it will require 274 truckloads (@25 tons/truck) to remove the debris generated by the flood.

## Social Impact

### **Shelter Requirements**

HAZUS estimates the number of households that are expected to be displaced from their homes due to the flood and the associated potential evacuation. HAZUS also estimates those displaced people that will require accommodations in temporary public shelters. The model estimates 225 households will be displaced due to the flood. Displacement includes households evacuated from within or very near to the inundated area. Of these, 283 people (out of a total population of 16,089) will seek temporary shelter in public shelters.

## Economic Loss

The total economic loss estimated for the flood is 27.59 million dollars, which represents 8.52 % of the total replacement value of the scenario buildings.

### **Building-Related Losses**

The building losses are broken into two categories: direct building losses and business interruption losses. The direct building losses are the estimated costs to repair or replace the damage caused to the building and its contents. The business interruption losses are the losses associated with inability to operate a business because of the damage sustained during the flood. Business interruption losses also include the temporary living expenses for those people displaced from their homes because of the flood.

The total building-related losses were 27.12 million dollars. 1% of the estimated losses were related to the business interruption of the region. The residential occupancies made up 71.81% of the total loss. Table 6 below provides a summary of the losses associated with the building damage.

**Table 6: Building-Related Economic Loss Estimates**

(Millions of dollars)

<b>Category</b>	<b>Area</b>	<b>Residential</b>	<b>Commercial</b>	<b>Industrial</b>	<b>Others</b>	<b>Total</b>
<b><u>Building Loss</u></b>						
	Building	11.98	0.70	0.65	0.67	13.99
	Content	7.80	1.73	1.33	2.02	12.89
	Inventory	0.00	0.04	0.15	0.05	0.24
	<b>Subtotal</b>	<b>19.78</b>	<b>2.46</b>	<b>2.13</b>	<b>2.74</b>	<b>27.12</b>
<b><u>Business Interruption</u></b>						
	Income	0.00	0.01	0.00	0.02	0.03
	Relocation	0.02	0.00	0.00	0.00	0.02
	Rental Income	0.00	0.00	0.00	0.00	0.00
	Wage	0.00	0.01	0.00	0.12	0.13
	<b>Subtotal</b>	<b>0.03</b>	<b>0.02</b>	<b>0.00</b>	<b>0.13</b>	<b>0.18</b>
<b>ALL</b>	<b>Total</b>	<b>19.81</b>	<b>2.48</b>	<b>2.13</b>	<b>2.87</b>	<b>27.30</b>

## **Appendix A: County Listing for the Region**

West Virginia

- Taylor

**Appendix B: Regional Population and Building Value Data**

	Building Value (thousands of dollars)			Total
	Population	Residential	Non-Residential	
<b>West Virginia</b>				
Taylor	16,089	871,314	153,278	1,024,592
<b>Total</b>	<b>16,089</b>	<b>871,314</b>	<b>153,278</b>	<b>1,024,592</b>
<b>Total Study Region</b>	<b>16,089</b>	<b>871,314</b>	<b>153,278</b>	<b>1,024,592</b>

# HAZUS-MH: Flood Event Report

**Region Name:** TaylorCounty

**Flood Scenario:** 50-YR

**Print Date:** Monday, March 01, 2010

***Disclaimer:***

*Totals only reflect data for those census tracts/blocks included in the user's study region.*

*The estimates of social and economic impacts contained in this report were produced using HAZUS loss estimation methodology software which is based on current scientific and engineering knowledge. There are uncertainties inherent in any loss estimation technique. Therefore, there may be significant differences between the modeled results contained in this report and the actual social*

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## General Description of the Region

HAZUS is a regional multi-hazard loss estimation model that was developed by the Federal Emergency Management Agency (FEMA) and the National Institute of Building Sciences (NIBS). The primary purpose of HAZUS is to provide a methodology and software application to develop multi-hazard losses at a regional scale. These loss estimates would be used primarily by local, state and regional officials to plan and stimulate efforts to reduce risks from multi-hazards and to prepare for emergency response and recovery.

The flood loss estimates provided in this report were based on a region that included 1 county(ies) from the following state(s):

- West Virginia

**Note:**

Appendix A contains a complete listing of the counties contained in the region.

The geographical size of the region is 173 square miles and contains 950 census blocks. The region contains over 6 thousand households and has a total population of 16,089 people (2000 Census Bureau data). The distribution of population by State and County for the study region is provided in Appendix B.

There are an estimated 8,670 buildings in the region with a total building replacement value (excluding contents) of 1,025 million dollars (2006 dollars). Approximately 96.98% of the buildings (and 85.04% of the building value) are associated with residential housing.

### General Building Stock

HAZUS estimates that there are 8,670 buildings in the region which have an aggregate total replacement value of 1,025 million (2006 dollars). Table 1 and Table 2 present the relative distribution of the value with respect to the general occupancies by Study Region and Scenario respectively. Appendix B provides a general distribution of the building value by State and County.

**Table 1**  
**Building Exposure by Occupancy Type for the Study Region**

<b>Occupancy</b>	<b>Exposure (\$1000)</b>	<b>Percent of Total</b>
Residential	871,314	85.0%
Commercial	82,956	8.1%
Industrial	35,723	3.5%
Agricultural	1,606	0.2%
Religion	16,380	1.6%
Government	10,478	1.0%
Education	6,135	0.6%
<b>Total</b>	<b>1,024,592</b>	<b>100.00%</b>

**Table 2**  
**Building Exposure by Occupancy Type for the Scenario**

<b>Occupancy</b>	<b>Exposure (\$1000)</b>	<b>Percent of Total</b>
Residential	300,484	90.3%
Commercial	16,425	4.9%
Industrial	6,920	2.1%
Agricultural	925	0.3%
Religion	2,674	0.8%
Government	2,129	0.6%
Education	3,213	1.0%
<b>Total</b>	<b>332,770</b>	<b>100.00%</b>

### Essential Facility Inventory

For essential facilities, there are 1 hospitals in the region with a total bed capacity of 101 beds. There are 3 schools, 1 fire station, 2 police stations and no emergency operation centers.

## Flood Scenario Parameters

HAZUS used the following set of information to define the flood parameters for the flood loss estimate provided in this report.

<b>Study Region Name:</b>	TaylorCounty
<b>Scenario Name:</b>	50-YR
<b>Return Period Analyzed:</b>	50
<b>Analysis Options Analyzed:</b>	No What-Ifs

## General Building Stock Damage

HAZUS estimates that about 84 buildings will be at least moderately damaged. This is over 25% of the total number of buildings in the scenario. There are an estimated 19 buildings that will be completely destroyed. The definition of the 'damage states' is provided in Volume 1: Chapter 5 of the HAZUS Flood technical manual. Table 3 below summarizes the expected damage by general occupancy for the buildings in the region. Table 4 summarizes the expected damage by general building type.

**Table 3: Expected Building Damage by Occupancy**

Occupancy	1-10		11-20		21-30		31-40		41-50		Substantially	
	Count	(%)	Count	(%)	Count	(%)	Count	(%)	Count	(%)	Count	(%)
Agriculture	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Commercial	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Education	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Government	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Industrial	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Religion	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Residential	0	0.00	4	4.76	25	29.76	8	9.52	28	33.33	19	22.62
<b>Total</b>	<b>0</b>		<b>4</b>		<b>25</b>		<b>8</b>		<b>28</b>		<b>19</b>	

**Table 4: Expected Building Damage by Building Type**

Building Type	1-10		11-20		21-30		31-40		41-50		Substantially	
	Count	(%)	Count	(%)	Count	(%)	Count	(%)	Count	(%)	Count	(%)
Concrete	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
ManufHousing	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	3	100.00
Masonry	0	0.00	1	5.00	6	30.00	2	10.00	7	35.00	4	20.00
Steel	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Wood	0	0.00	3	4.92	19	31.15	6	9.84	21	34.43	12	19.67

## Essential Facility Damage

Before the flood analyzed in this scenario, the region had hospital beds available for use. On the day of the scenario flood event, the model estimates that hospital beds are available in the region.

**Table 5: Expected Damage to Essential Facilities**

Classification	Total	# Facilities		
		At Least Moderate	At Least Substantial	Loss of Use
Fire Stations	1	0	0	0
Hospitals	1	0	0	0
Police Stations	2	0	0	0
Schools	3	1	0	0

If this report displays all zeros or is blank, two possibilities can explain this.

- (1) None of your facilities were flooded. This can be checked by mapping the inventory data on the depth grid.
- (2) The analysis was not run. This can be tested by checking the run box on the Analysis Menu and seeing if a message box asks you to replace the existing results.

## Induced Flood Damage

### **Debris Generation**

HAZUS estimates the amount of debris that will be generated by the flood. The model breaks debris into three general categories: 1) Finishes (dry wall, insulation, etc.), 2) Structural (wood, brick, etc.) and 3) Foundations (concrete slab, concrete block, rebar, etc.). This distinction is made because of the different types of material handling equipment required to handle the debris.

The model estimates that a total of 7,719 tons of debris will be generated. Of the total amount, Finishes comprises 32% of the total, Structure comprises 31% of the total. If the debris tonnage is converted into an estimated number of truckloads, it will require 309 truckloads (@25 tons/truck) to remove the debris generated by the flood.

## Social Impact

### **Shelter Requirements**

HAZUS estimates the number of households that are expected to be displaced from their homes due to the flood and the associated potential evacuation. HAZUS also estimates those displaced people that will require accommodations in temporary public shelters. The model estimates 253 households will be displaced due to the flood. Displacement includes households evacuated from within or very near to the inundated area. Of these, 342 people (out of a total population of 16,089) will seek temporary shelter in public shelters.

## Economic Loss

The total economic loss estimated for the flood is 31.19 million dollars, which represents 9.63 % of the total replacement value of the scenario buildings.

### **Building-Related Losses**

The building losses are broken into two categories: direct building losses and business interruption losses. The direct building losses are the estimated costs to repair or replace the damage caused to the building and its contents. The business interruption losses are the losses associated with inability to operate a business because of the damage sustained during the flood. Business interruption losses also include the temporary living expenses for those people displaced from their homes because of the flood.

The total building-related losses were 30.69 million dollars. 1% of the estimated losses were related to the business interruption of the region. The residential occupancies made up 72.63% of the total loss. Table 6 below provides a summary of the losses associated with the building damage.

**Table 6: Building-Related Economic Loss Estimates**

(Millions of dollars)

<b>Category</b>	<b>Area</b>	<b>Residential</b>	<b>Commercial</b>	<b>Industrial</b>	<b>Others</b>	<b>Total</b>
<b><u>Building Loss</u></b>						
	Building	13.71	0.79	0.72	0.77	15.98
	Content	8.91	1.92	1.46	2.16	14.44
	Inventory	0.00	0.04	0.16	0.05	0.26
	<b>Subtotal</b>	<b>22.62</b>	<b>2.75</b>	<b>2.34</b>	<b>2.98</b>	<b>30.69</b>
<b><u>Business Interruption</u></b>						
	Income	0.00	0.01	0.00	0.02	0.03
	Relocation	0.02	0.00	0.00	0.00	0.02
	Rental Income	0.01	0.00	0.00	0.00	0.01
	Wage	0.00	0.01	0.00	0.12	0.14
	<b>Subtotal</b>	<b>0.03</b>	<b>0.02</b>	<b>0.00</b>	<b>0.14</b>	<b>0.19</b>
<b>ALL</b>	<b>Total</b>	<b>22.65</b>	<b>2.77</b>	<b>2.34</b>	<b>3.12</b>	<b>30.88</b>

## **Appendix A: County Listing for the Region**

West Virginia

- Taylor

**Appendix B: Regional Population and Building Value Data**

	Building Value (thousands of dollars)			Total
	Population	Residential	Non-Residential	
<b>West Virginia</b>				
Taylor	16,089	871,314	153,278	1,024,592
<b>Total</b>	<b>16,089</b>	<b>871,314</b>	<b>153,278</b>	<b>1,024,592</b>
<b>Total Study Region</b>	<b>16,089</b>	<b>871,314</b>	<b>153,278</b>	<b>1,024,592</b>

# HAZUS-MH: Flood Event Report

**Region Name:** TaylorCounty

**Flood Scenario:** 100-YR

**Print Date:** Monday, March 01, 2010

***Disclaimer:***

*Totals only reflect data for those census tracts/blocks included in the user's study region.*

*The estimates of social and economic impacts contained in this report were produced using HAZUS loss estimation methodology software which is based on current scientific and engineering knowledge. There are uncertainties inherent in any loss estimation technique. Therefore, there may be significant differences between the modeled results contained in this report and the actual social*

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## General Description of the Region

HAZUS is a regional multi-hazard loss estimation model that was developed by the Federal Emergency Management Agency (FEMA) and the National Institute of Building Sciences (NIBS). The primary purpose of HAZUS is to provide a methodology and software application to develop multi-hazard losses at a regional scale. These loss estimates would be used primarily by local, state and regional officials to plan and stimulate efforts to reduce risks from multi-hazards and to prepare for emergency response and recovery.

The flood loss estimates provided in this report were based on a region that included 1 county(ies) from the following state(s):

- West Virginia

**Note:**

Appendix A contains a complete listing of the counties contained in the region.

The geographical size of the region is 173 square miles and contains 950 census blocks. The region contains over 6 thousand households and has a total population of 16,089 people (2000 Census Bureau data). The distribution of population by State and County for the study region is provided in Appendix B.

There are an estimated 8,670 buildings in the region with a total building replacement value (excluding contents) of 1,025 million dollars (2006 dollars). Approximately 96.98% of the buildings (and 85.04% of the building value) are associated with residential housing.

## General Building Stock

HAZUS estimates that there are 8,670 buildings in the region which have an aggregate total replacement value of 1,025 million (2006 dollars). Table 1 and Table 2 present the relative distribution of the value with respect to the general occupancies by Study Region and Scenario respectively. Appendix B provides a general distribution of the building value by State and County.

**Table 1  
Building Exposure by Occupancy Type for the Study Region**

<b>Occupancy</b>	<b>Exposure (\$1000)</b>	<b>Percent of Total</b>
Residential	871,314	85.0%
Commercial	82,956	8.1%
Industrial	35,723	3.5%
Agricultural	1,606	0.2%
Religion	16,380	1.6%
Government	10,478	1.0%
Education	6,135	0.6%
<b>Total</b>	<b>1,024,592</b>	<b>100.00%</b>

**Table 2  
Building Exposure by Occupancy Type for the Scenario**

<b>Occupancy</b>	<b>Exposure (\$1000)</b>	<b>Percent of Total</b>
Residential	301,577	90.2%
Commercial	17,086	5.1%
Industrial	6,920	2.1%
Agricultural	925	0.3%
Religion	2,674	0.8%
Government	2,129	0.6%
Education	3,213	1.0%
<b>Total</b>	<b>334,524</b>	<b>100.00%</b>

## Essential Facility Inventory

For essential facilities, there are 1 hospitals in the region with a total bed capacity of 101 beds. There are 3 schools, 1 fire station, 2 police stations and no emergency operation centers.

## Flood Scenario Parameters

HAZUS used the following set of information to define the flood parameters for the flood loss estimate provided in this report.

<b>Study Region Name:</b>	TaylorCounty
<b>Scenario Name:</b>	100-YR
<b>Return Period Analyzed:</b>	100
<b>Analysis Options Analyzed:</b>	No What-Ifs

## General Building Stock Damage

HAZUS estimates that about 127 buildings will be at least moderately damaged. This is over 25% of the total number of buildings in the scenario. There are an estimated 31 buildings that will be completely destroyed. The definition of the 'damage states' is provided in Volume 1: Chapter 5 of the HAZUS Flood technical manual. Table 3 below summarizes the expected damage by general occupancy for the buildings in the region. Table 4 summarizes the expected damage by general building type.

**Table 3: Expected Building Damage by Occupancy**

Occupancy	1-10		11-20		21-30		31-40		41-50		Substantially	
	Count	(%)	Count	(%)	Count	(%)	Count	(%)	Count	(%)	Count	(%)
Agriculture	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Commercial	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Education	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Government	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Industrial	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Religion	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Residential	0	0.00	5	3.94	34	26.77	16	12.60	41	32.28	31	24.41
<b>Total</b>	<b>0</b>		<b>5</b>		<b>34</b>		<b>16</b>		<b>41</b>		<b>31</b>	

**Table 4: Expected Building Damage by Building Type**

Building Type	1-10		11-20		21-30		31-40		41-50		Substantially	
	Count	(%)	Count	(%)	Count	(%)	Count	(%)	Count	(%)	Count	(%)
Concrete	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
ManufHousing	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	4	100.00
Masonry	0	0.00	1	3.33	9	30.00	3	10.00	9	30.00	8	26.67
Steel	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Wood	0	0.00	4	4.30	25	26.88	13	13.98	32	34.41	19	20.43

## Essential Facility Damage

Before the flood analyzed in this scenario, the region had hospital beds available for use. On the day of the scenario flood event, the model estimates that hospital beds are available in the region.

**Table 5: Expected Damage to Essential Facilities**

Classification	Total	# Facilities		
		At Least Moderate	At Least Substantial	Loss of Use
Fire Stations	1	0	0	0
Hospitals	1	0	0	0
Police Stations	2	0	0	0
Schools	3	1	0	0

If this report displays all zeros or is blank, two possibilities can explain this.

- (1) None of your facilities were flooded. This can be checked by mapping the inventory data on the depth grid.
- (2) The analysis was not run. This can be tested by checking the run box on the Analysis Menu and seeing if a message box asks you to replace the existing results.

## Induced Flood Damage

### **Debris Generation**

HAZUS estimates the amount of debris that will be generated by the flood. The model breaks debris into three general categories: 1) Finishes (dry wall, insulation, etc.), 2) Structural (wood, brick, etc.) and 3) Foundations (concrete slab, concrete block, rebar, etc.). This distinction is made because of the different types of material handling equipment required to handle the debris.

The model estimates that a total of 9,893 tons of debris will be generated. Of the total amount, Finishes comprises 31% of the total, Structure comprises 32% of the total. If the debris tonnage is converted into an estimated number of truckloads, it will require 396 truckloads (@25 tons/truck) to remove the debris generated by the flood.

## Social Impact

### **Shelter Requirements**

HAZUS estimates the number of households that are expected to be displaced from their homes due to the flood and the associated potential evacuation. HAZUS also estimates those displaced people that will require accommodations in temporary public shelters. The model estimates 299 households will be displaced due to the flood. Displacement includes households evacuated from within or very near to the inundated area. Of these, 421 people (out of a total population of 16,089) will seek temporary shelter in public shelters.

## Economic Loss

The total economic loss estimated for the flood is 38.28 million dollars, which represents 11.82 % of the total replacement value of the scenario buildings.

### Building-Related Losses

The building losses are broken into two categories: direct building losses and business interruption losses. The direct building losses are the estimated costs to repair or replace the damage caused to the building and its contents. The business interruption losses are the losses associated with inability to operate a business because of the damage sustained during the flood. Business interruption losses also include the temporary living expenses for those people displaced from their homes because of the flood.

The total building-related losses were 37.74 million dollars. 1% of the estimated losses were related to the business interruption of the region. The residential occupancies made up 75.19% of the total loss. Table 6 below provides a summary of the losses associated with the building damage.

**Table 6: Building-Related Economic Loss Estimates**

(Millions of dollars)

Category	Area	Residential	Commercial	Industrial	Others	Total
<u>Building Loss</u>						
	Building	17.60	0.94	0.79	0.87	20.19
	Content	11.14	2.21	1.58	2.34	17.27
	Inventory	0.00	0.05	0.18	0.06	0.28
	<b>Subtotal</b>	<b>28.74</b>	<b>3.20</b>	<b>2.54</b>	<b>3.26</b>	<b>37.74</b>
<u>Business Interruption</u>						
	Income	0.00	0.01	0.00	0.02	0.03
	Relocation	0.03	0.00	0.00	0.00	0.03
	Rental Income	0.01	0.00	0.00	0.00	0.01
	Wage	0.00	0.01	0.00	0.13	0.15
	<b>Subtotal</b>	<b>0.04</b>	<b>0.02</b>	<b>0.00</b>	<b>0.15</b>	<b>0.21</b>
<u>ALL</u>	<b>Total</b>	<b>28.78</b>	<b>3.22</b>	<b>2.54</b>	<b>3.41</b>	<b>37.95</b>

## **Appendix A: County Listing for the Region**

West Virginia

- Taylor

**Appendix B: Regional Population and Building Value Data**

	Building Value (thousands of dollars)			Total
	Population	Residential	Non-Residential	
<b>West Virginia</b>				
Taylor	16,089	871,314	153,278	1,024,592
<b>Total</b>	<b>16,089</b>	<b>871,314</b>	<b>153,278</b>	<b>1,024,592</b>
<b>Total Study Region</b>	<b>16,089</b>	<b>871,314</b>	<b>153,278</b>	<b>1,024,592</b>

**APPENDIX 2**  
**REFERENCE COPIES OF**  
**WORKSHEETS #3a AND #4 FOR ALL**  
**REGION 6 COUNTIES**

# **DODDRIDGE COUNTY**

**Hazard: Dam Failure**

Type of Structure (Occupancy Class)	Number of Structures			Value of Structures			Number of People		
	# in Community or State	# in Hazard Area	% in Hazard Area	\$ in Community or State	\$ in Hazard Area	% in Hazard Area	# in Community or State	# in Hazard Area	% in Hazard Area
<i>Residential</i>	3,946	25	1%	\$299,501,400	\$2,995,014	1%	8,202	82	1%
<i>Commercial</i>	73	0	0%	\$18,250,000	\$0	0%	605	0	0%
<i>Industrial</i>	0	0	0%	\$0	\$0	0%	0	0	0%
<i>Agricultural</i>	490	2	0%	\$2,870,420	\$0	0%	724	0	0%
<i>Religious/Non-Profit</i>	50	1	2%	\$7,500,000	\$150,000	2%	2,500	50	2%
<i>Government</i>	10	0	0%	\$15,000,000	\$0	0%	508	0	0%
<i>Education</i>	3	0	0%	\$25,500,000	\$0	0%	1,379	0	0%
<i>Utilities</i>	6	0	0%	\$9,000,000	\$0	0%	127	0	0%
<b>Total</b>	4,578	28	1%	\$377,621,820	\$3,145,014	1%	14,045	132	1%

- |   | Yes | No |
|---|-----|----|
| 1. Do you know where your greatest damages may occur in your hazard areas?  | X   |    |
| 2. Do you know whether your critical facilities will be operational after a hazard event?   | X   |    |
| 3. Is there enough data to determine which assets are subject to the greatest potential damages?  | X   |    |
| 4. Is there enough data to determine whether significant elements of the community are vulnerable to potential hazards?   | X   |    |
| 5. Is there enough data to determine whether certain areas of historic, environmental, political, or cultural significance are vulnerable to potential hazards? | X   |    |
| 6. Is there concern about a particular hazard because of its severity, repetitiveness, or likelihood of occurrence?   | X   |    |
| 7. Is additional data needed to justify the expenditure of community or state funds for mitigation initiatives?   |     | X  |

**Hazard: Drought**

Type of Structure (Occupancy Class)	Number of Structures			Value of Structures			Number of People		
	# in Community or State	# in Hazard Area	% in Hazard Area	\$ in Community or State	\$ in Hazard Area	% in Hazard Area	# in Community or State	# in Hazard Area	% in Hazard Area
<i>Residential</i>	3,946	0	0%	\$299,501,400	\$0	0%	8,202	0	0%
<i>Commercial</i>	73	0	0%	\$18,250,000	\$0	0%	605	0	0%
<i>Industrial</i>	0	0	0%	\$0	\$0	0%	0	0	0%
<i>Agricultural</i>	490	490	100%	\$2,870,420	\$2,870,420	100%	724	724	100%
<i>Religious/Non-Profit</i>	50	0	0%	\$7,500,000	\$0	0%	2,500	0	0%
<i>Government</i>	10	0	0%	\$15,000,000	\$0	0%	508	0	0%
<i>Education</i>	3	0	0%	\$25,500,000	\$0	0%	1,379	0	0%
<i>Utilities</i>	6	2	33%	\$9,000,000	\$2,970,000	33%	127	42	33%
<b>Total</b>	<b>4,578</b>	<b>492</b>	<b>11%</b>	<b>\$377,621,820</b>	<b>\$5,840,420</b>	<b>2%</b>	<b>14,045</b>	<b>766</b>	<b>5%</b>

- |   | Yes | No |
|---|-----|----|
| 1. Do you know where your greatest damages may occur in your hazard areas?  | X   |    |
| 2. Do you know whether your critical facilities will be operational after a hazard event?   | X   |    |
| 3. Is there enough data to determine which assets are subject to the greatest potential damages?  | X   |    |
| 4. Is there enough data to determine whether significant elements of the community are vulnerable to potential hazards?   | X   |    |
| 5. Is there enough data to determine whether certain areas of historic, environmental, political, or cultural significance are vulnerable to potential hazards? | X   |    |
| 6. Is there concern about a particular hazard because of its severity, repetitiveness, or likelihood of occurrence?   | X   |    |
| 7. Is additional data needed to justify the expenditure of community or state funds for mitigation initiatives?   |     | X  |

**Hazard: Earthquake**

Type of Structure (Occupancy Class)	Number of Structures			Value of Structures			Number of People		
	# in Community or State	# in Hazard Area	% in Hazard Area	\$ in Community or State	\$ in Hazard Area	% in Hazard Area	# in Community or State	# in Hazard Area	% in Hazard Area
<i>Residential</i>	3,946	3,946	100%	\$299,501,400	\$0	0%	8,202	8,202	100%
<i>Commercial</i>	73	73	100%	\$18,250,000	\$0	0%	605	605	100%
<i>Industrial</i>	0	0	0%	\$0	\$0	0%	0	0	100%
<i>Agricultural</i>	490	490	100%	\$2,870,420	\$0	0%	724	724	100%
<i>Religious/Non-Profit</i>	50	50	100%	\$7,500,000	\$0	0%	2,500	2,500	100%
<i>Government</i>	10	10	100%	\$15,000,000	\$0	0%	508	508	100%
<i>Education</i>	3	3	100%	\$25,500,000	\$0	0%	1,379	1,379	100%
<i>Utilities</i>	6	6	100%	\$9,000,000	\$0	0%	127	127	100%
<b>Total</b>	<b>4,578</b>	<b>4,578</b>	<b>100%</b>	<b>\$377,621,820</b>	<b>\$0</b>	<b>0%</b>	<b>14,045</b>	<b>14,045</b>	<b>100%</b>

- |   | Yes | No |
|---|-----|----|
| 1. Do you know where your greatest damages may occur in your hazard areas?  | X   |    |
| 2. Do you know whether your critical facilities will be operational after a hazard event?   | X   |    |
| 3. Is there enough data to determine which assets are subject to the greatest potential damages?  | X   |    |
| 4. Is there enough data to determine whether significant elements of the community are vulnerable to potential hazards?   | X   |    |
| 5. Is there enough data to determine whether certain areas of historic, environmental, political, or cultural significance are vulnerable to potential hazards? | X   |    |
| 6. Is there concern about a particular hazard because of its severity, repetitiveness, or likelihood of occurrence?   | X   |    |
| 7. Is additional data needed to justify the expenditure of community or state funds for mitigation initiatives?   |     | X  |

**Hazard: Flooding**

Type of Structure (Occupancy Class)	Number of Structures			Value of Structures			Number of People		
	# in Community or State	# in Hazard Area	% in Hazard Area	\$ in Community or State	\$ in Hazard Area	% in Hazard Area	# in Community or State	# in Hazard Area	% in Hazard Area
<i>Residential</i>	3,946	1,184	30%	\$299,501,400	\$89,850,420	30%	8,202	2,461	30%
<i>Commercial</i>	73	22	30%	\$18,250,000	\$5,475,000	30%	605	182	30%
<i>Industrial</i>	0	0	0%	\$0	\$0	0%	0	0	0%
<i>Agricultural</i>	490	147	30%	\$2,870,420	\$861,126	30%	724	217	30%
<i>Religious/Non-Profit</i>	50	15	30%	\$7,500,000	\$2,250,000	30%	2,500	750	30%
<i>Government</i>	10	0	0%	\$15,000,000	\$0	0%	508	0	0%
<i>Education</i>	3	0	0%	\$25,500,000	\$0	0%	1,379	0	0%
<i>Utilities</i>	6	0	0%	\$9,000,000	\$0	0%	127	0	0%
<b>Total</b>	<b>4,578</b>	<b>1,368</b>	<b>30%</b>	<b>\$377,621,820</b>	<b>\$98,436,546</b>	<b>26%</b>	<b>14,045</b>	<b>3,609</b>	<b>26%</b>

- |   | Yes | No |
|---|-----|----|
| 1. Do you know where your greatest damages may occur in your hazard areas?  | X   |    |
| 2. Do you know whether your critical facilities will be operational after a hazard event?   | X   |    |
| 3. Is there enough data to determine which assets are subject to the greatest potential damages?  | X   |    |
| 4. Is there enough data to determine whether significant elements of the community are vulnerable to potential hazards?   | X   |    |
| 5. Is there enough data to determine whether certain areas of historic, environmental, political, or cultural significance are vulnerable to potential hazards? | X   |    |
| 6. Is there concern about a particular hazard because of its severity, repetitiveness, or likelihood of occurrence?   | X   |    |
| 7. Is additional data needed to justify the expenditure of community or state funds for mitigation initiatives?   |     | X  |

**Hazard: Hailstorm**

Type of Structure (Occupancy Class)	Number of Structures			Value of Structures			Number of People		
	# in Community or State	# in Hazard Area	% in Hazard Area	\$ in Community or State	\$ in Hazard Area	% in Hazard Area	# in Community or State	# in Hazard Area	% in Hazard Area
<i>Residential</i>	3,946	3,946	100%	\$299,501,400	\$29,950	0%	8,202	8,202	100%
<i>Commercial</i>	73	73	100%	\$18,250,000	\$1,825	0%	605	605	100%
<i>Industrial</i>	0	0	0%	\$0	\$0	0%	0	0	100%
<i>Agricultural</i>	490	490	100%	\$2,870,420	\$287	0%	724	724	100%
<i>Religious/Non-Profit</i>	50	50	100%	\$7,500,000	\$750	0%	2,500	2,500	100%
<i>Government</i>	10	10	100%	\$15,000,000	\$1,500	0%	508	508	100%
<i>Education</i>	3	3	100%	\$25,500,000	\$2,550	0%	1,379	1,379	100%
<i>Utilities</i>	6	6	100%	\$9,000,000	\$900	0%	127	127	100%
<b>Total</b>	4,578	4,578	100%	\$377,621,820	\$37,762	0%	14,045	14,045	100%

- |   | Yes | No |
|---|-----|----|
| 1. Do you know where your greatest damages may occur in your hazard areas?  | X   |    |
| 2. Do you know whether your critical facilities will be operational after a hazard event?   | X   |    |
| 3. Is there enough data to determine which assets are subject to the greatest potential damages?  | X   |    |
| 4. Is there enough data to determine whether significant elements of the community are vulnerable to potential hazards?   | X   |    |
| 5. Is there enough data to determine whether certain areas of historic, environmental, political, or cultural significance are vulnerable to potential hazards? | X   |    |
| 6. Is there concern about a particular hazard because of its severity, repetitiveness, or likelihood of occurrence?   | X   |    |
| 7. Is additional data needed to justify the expenditure of community or state funds for mitigation initiatives?   |     | X  |

### Hazard: Land Subsidence

Type of Structure (Occupancy Class)	Number of Structures			Value of Structures			Number of People		
	# in Community or State	# in Hazard Area	% in Hazard Area	\$ in Community or State	\$ in Hazard Area	% in Hazard Area	# in Community or State	# in Hazard Area	% in Hazard Area
<i>Residential</i>	3,946	100	3%	\$299,501,400	\$8,985,042	3%	8,202	246	3%
<i>Commercial</i>	73	10	14%	\$18,250,000	\$2,555,000	14%	605	85	14%
<i>Industrial</i>	0	0	0%	\$0	\$0	0%	0	0	0%
<i>Agricultural</i>	490	15	3%	\$2,870,420	\$86,113	3%	724	22	3%
<i>Religious/Non-Profit</i>	50	2	3%	\$7,500,000	\$225,000	3%	2,500	75	3%
<i>Government</i>	10	1	10%	\$15,000,000	\$1,500,000	10%	508	51	10%
<i>Education</i>	3	0	0%	\$25,500,000	\$0	0%	1,379	0	0%
<i>Utilities</i>	6	6	100%	\$9,000,000	\$9,000,000	100%	127	127	100%
<b>Total</b>	<b>4,578</b>	<b>133</b>	<b>3%</b>	<b>\$377,621,820</b>	<b>\$22,351,155</b>	<b>6%</b>	<b>14,045</b>	<b>605</b>	<b>4%</b>

	Yes	No
1. Do you know where your greatest damages may occur in your hazard areas?	X	
2. Do you know whether your critical facilities will be operational after a hazard event?	X	
3. Is there enough data to determine which assets are subject to the greatest potential damages?	X	
4. Is there enough data to determine whether significant elements of the community are vulnerable to potential hazards?	X	
5. Is there enough data to determine whether certain areas of historic, environmental, political, or cultural significance are vulnerable to potential hazards?	X	
6. Is there concern about a particular hazard because of its severity, repetitiveness, or likelihood of occurrence?	X	
7. Is additional data needed to justify the expenditure of community or state funds for mitigation initiatives?		X

**Hazard: Thunderstorm**

Type of Structure (Occupancy Class)	Number of Structures			Value of Structures			Number of People		
	# in Community or State	# in Hazard Area	% in Hazard Area	\$ in Community or State	\$ in Hazard Area	% in Hazard Area	# in Community or State	# in Hazard Area	% in Hazard Area
<i>Residential</i>	3,946	3,946	100%	\$299,501,400	\$2,995,014	1%	8,202	8,202	100%
<i>Commercial</i>	73	73	100%	\$18,250,000	\$182,500	1%	605	605	100%
<i>Industrial</i>	0	0	0%	\$0	\$0	1%	0	0	100%
<i>Agricultural</i>	490	490	100%	\$2,870,420	\$28,704	1%	724	724	100%
<i>Religious/Non-Profit</i>	50	50	100%	\$7,500,000	\$75,000	1%	2,500	2,500	100%
<i>Government</i>	10	10	100%	\$15,000,000	\$150,000	1%	508	508	100%
<i>Education</i>	3	3	100%	\$25,500,000	\$255,000	1%	1,379	1,379	100%
<i>Utilities</i>	6	6	100%	\$9,000,000	\$90,000	1%	127	127	100%
<b>Total</b>	4,578	4,578	100%	\$377,621,820	\$3,776,218	1%	14,045	14,045	100%

- |   | Yes | No |
|---|-----|----|
| 1. Do you know where your greatest damages may occur in your hazard areas?  | X   |    |
| 2. Do you know whether your critical facilities will be operational after a hazard event?   | X   |    |
| 3. Is there enough data to determine which assets are subject to the greatest potential damages?  | X   |    |
| 4. Is there enough data to determine whether significant elements of the community are vulnerable to potential hazards?   | X   |    |
| 5. Is there enough data to determine whether certain areas of historic, environmental, political, or cultural significance are vulnerable to potential hazards? | X   |    |
| 6. Is there concern about a particular hazard because of its severity, repetitiveness, or likelihood of occurrence?   | X   |    |
| 7. Is additional data needed to justify the expenditure of community or state funds for mitigation initiatives?   |     | X  |

**Hazard: Wildfire**

Type of Structure (Occupancy Class)	Number of Structures			Value of Structures			Number of People		
	# in Community or State	# in Hazard Area	% in Hazard Area	\$ in Community or State	\$ in Hazard Area	% in Hazard Area	# in Community or State	# in Hazard Area	% in Hazard Area
<i>Residential</i>	3,946	3,494	89%	\$299,501,400	\$266,556,246	89%	8,202	7,300	89%
<i>Commercial</i>	73	20	27%	\$18,250,000	\$4,927,500	27%	605	163	27%
<i>Industrial</i>	0	0	0%	\$0	\$0	0%	0	0	0%
<i>Agricultural</i>	490	490	100%	\$2,870,420	\$2,870,420	100%	724	724	100%
<i>Religious/Non-Profit</i>	50	40	80%	\$7,500,000	\$6,000,000	80%	2,500	2,000	80%
<i>Government</i>	10	0	0%	\$15,000,000	\$0	0%	508	0	0%
<i>Education</i>	3	0	0%	\$25,500,000	\$0	0%	1,379	0	0%
<i>Utilities</i>	6	3	50%	\$9,000,000	\$4,500,000	50%	127	64	50%
<b>Total</b>	<b>4,578</b>	<b>4,047</b>	<b>88%</b>	<b>\$377,621,820</b>	<b>\$284,854,166</b>	<b>75%</b>	<b>14,045</b>	<b>10,251</b>	<b>73%</b>

	Yes	No
1. Do you know where your greatest damages may occur in your hazard areas?	X	
2. Do you know whether your critical facilities will be operational after a hazard event?	X	
3. Is there enough data to determine which assets are subject to the greatest potential damages?	X	
4. Is there enough data to determine whether significant elements of the community are vulnerable to potential hazards?	X	
5. Is there enough data to determine whether certain areas of historic, environmental, political, or cultural significance are vulnerable to potential hazards?	X	
6. Is there concern about a particular hazard because of its severity, repetitiveness, or likelihood of occurrence?	X	
7. Is additional data needed to justify the expenditure of community or state funds for mitigation initiatives?		X

**Hazard: Wind**

Type of Structure (Occupancy Class)	Number of Structures			Value of Structures			Number of People		
	# in Community or State	# in Hazard Area	% in Hazard Area	\$ in Community or State	\$ in Hazard Area	% in Hazard Area	# in Community or State	# in Hazard Area	% in Hazard Area
<i>Residential</i>	3,946	3,946	100%	\$299,501,400	\$5,990,028	2%	8,202	8,202	100%
<i>Commercial</i>	73	73	100%	\$18,250,000	\$365,000	2%	605	605	100%
<i>Industrial</i>	0	0	0%	\$0	\$0	2%	0	0	100%
<i>Agricultural</i>	490	490	100%	\$2,870,420	\$57,408	2%	724	724	100%
<i>Religious/Non-Profit</i>	50	50	100%	\$7,500,000	\$150,000	2%	2,500	2,500	100%
<i>Government</i>	10	10	100%	\$15,000,000	\$300,000	2%	508	508	100%
<i>Education</i>	3	3	100%	\$25,500,000	\$510,000	2%	1,379	1,379	100%
<i>Utilities</i>	6	6	100%	\$9,000,000	\$180,000	2%	127	127	100%
<b>Total</b>	4,578	4,578	100%	\$377,621,820	\$7,552,436	2%	14,045	14,045	100%

- |   | Yes | No |
|---|-----|----|
| 1. Do you know where your greatest damages may occur in your hazard areas?  | X   |    |
| 2. Do you know whether your critical facilities will be operational after a hazard event?   | X   |    |
| 3. Is there enough data to determine which assets are subject to the greatest potential damages?  | X   |    |
| 4. Is there enough data to determine whether significant elements of the community are vulnerable to potential hazards?   | X   |    |
| 5. Is there enough data to determine whether certain areas of historic, environmental, political, or cultural significance are vulnerable to potential hazards? | X   |    |
| 6. Is there concern about a particular hazard because of its severity, repetitiveness, or likelihood of occurrence?   | X   |    |
| 7. Is additional data needed to justify the expenditure of community or state funds for mitigation initiatives?   |     | X  |

**Hazard: Winter Storm**

Type of Structure (Occupancy Class)	Number of Structures			Value of Structures			Number of People		
	# in Community or State	# in Hazard Area	% in Hazard Area	\$ in Community or State	\$ in Hazard Area	% in Hazard Area	# in Community or State	# in Hazard Area	% in Hazard Area
<i>Residential</i>	3,946	3,946	100%	\$299,501,400	\$4,492,521	2%	8,202	8,202	100%
<i>Commercial</i>	73	73	100%	\$18,250,000	\$273,750	2%	605	605	100%
<i>Industrial</i>	0	0	0%	\$0	\$0	2%	0	0	100%
<i>Agricultural</i>	490	490	100%	\$2,870,420	\$43,056	2%	724	724	100%
<i>Religious/Non-Profit</i>	50	50	100%	\$7,500,000	\$112,500	2%	2,500	2,500	100%
<i>Government</i>	10	10	100%	\$15,000,000	\$225,000	2%	508	508	100%
<i>Education</i>	3	3	100%	\$25,500,000	\$382,500	2%	1,379	1,379	100%
<i>Utilities</i>	6	6	100%	\$9,000,000	\$135,000	2%	127	127	100%
<b>Total</b>	<b>4,578</b>	<b>4,578</b>	<b>100%</b>	<b>\$377,621,820</b>	<b>\$5,664,327</b>	<b>2%</b>	<b>14,045</b>	<b>14,045</b>	<b>100%</b>

- |   | Yes                                 | No                                  |
|---|-------------------------------------|-------------------------------------|
| 1. Do you know where your greatest damages may occur in your hazard areas?  | <input checked="" type="checkbox"/> |                                     |
| 2. Do you know whether your critical facilities will be operational after a hazard event?   | <input checked="" type="checkbox"/> |                                     |
| 3. Is there enough data to determine which assets are subject to the greatest potential damages?  | <input checked="" type="checkbox"/> |                                     |
| 4. Is there enough data to determine whether significant elements of the community are vulnerable to potential hazards?   | <input checked="" type="checkbox"/> |                                     |
| 5. Is there enough data to determine whether certain areas of historic, environmental, political, or cultural significance are vulnerable to potential hazards? | <input checked="" type="checkbox"/> |                                     |
| 6. Is there concern about a particular hazard because of its severity, repetitiveness, or likelihood of occurrence?   | <input checked="" type="checkbox"/> |                                     |
| 7. Is additional data needed to justify the expenditure of community or state funds for mitigation initiatives?   |                                     | <input checked="" type="checkbox"/> |

**Hazard: Dam Failure**

Structure Loss (Task A.1.)					Contents of Loss (Task A.2.)					
Name/Description of Structure	Structure Replacement Value (Step 3) (\$)	X	Percent Damage (Step 4) (%)	=	Loss to Structure (\$)	Replacement Value of Contents (Step 3) (\$)	X	Percent Damage (step 4) (%)	=	Loss to Contents (\$)
Roads	\$9,530,400,000.00	X	0.00	=	\$0.00	\$0.00	X	0.00	=	\$0.00
Bridges	\$234,639,800.00	X	0.00	=	\$0.00	\$0.00	X	0.00	=	\$0.00
Residential	\$213,750,000.00	X	1.00	=	\$2,137,500.00	\$106,875,000.00	X	0.50	=	\$534,400.00
Glaspell Lumber Co., Inc	\$0.00	X	0.00	=	\$0.00	\$0.00	X	0.00	=	\$0.00
Coastal Lumber Co.	\$1,500,000.00	X	0.00	=	\$0.00	\$2,000,000.00	X	0.00	=	\$0.00
Doddridge County Medical Center	\$559,000.00	X	0.00	=	\$0.00	\$225,000.00	X	0.00	=	\$0.00
Doddridge County Public Library	\$149,000.00	X	0.00	=	\$0.00	\$36,000.00	X	0.00	=	\$0.00
Banks VFD	\$350,000.00	X	0.00	=	\$0.00	\$750,000.00	X	0.00	=	\$0.00
Greenwood VFD		X	0.00	=	\$0.00		X	0.00	=	\$0.00
McClellan District VFD		X	0.00	=	\$0.00		X	0.00	=	\$0.00
Smithburg VFD	\$235,000.00	X	0.00	=	\$0.00	\$750,000.00	X	0.00	=	\$0.00
West Union VFD	\$350,000.00	X	0.00	=	\$0.00	\$1,000,000.00	X	0.00	=	\$0.00
State Police - West Union	\$1,500,000.00	X	0.00	=	\$0.00	\$30,000.00	X	0.00	=	\$0.00
U.S. Postal Office - West Union	\$202,400.00	X	0.00	=	\$0.00	\$10,000.00	X	0.00	=	\$0.00
U.S. Postal Office - Blandville		X	0.00	=	\$0.00		X	0.00	=	\$0.00
U.S. Postal Office - New Milton	\$52,800.00	X	0.00	=	\$0.00	\$4,000.00	X	0.00	=	\$0.00
U.S. Postal Office - Smithburg	\$70,400.00	X	0.00	=	\$0.00	\$3,200.00	X	0.00	=	\$0.00
Doddridge County Board of Education	\$2,159,499.00	X	0.00	=	\$0.00	\$40,000.00	X	0.00	=	\$0.00
Doddridge County Middle School	\$6,825,000.00	X	0.00	=	\$0.00	\$6,210,750.00	X	0.00	=	\$0.00
Doddridge County Elementary School	\$3,913,000.00	X	0.00	=	\$0.00	\$3,560,830.00	X	0.00	=	\$0.00
Doddridge County High School	\$6,530,797.00	X	0.00	=	\$0.00	\$5,943,025.27	X	0.00	=	\$0.00

Name/Description of Structure	Structure Replacement Value (Step 3) (\$)	X	Percent Damage (Step 4) (%)	=	Loss to Structure (\$)	Replacement Value of Contents (Step 3) (\$)	X	Percent Damage (step 4) (%)	=	Loss to Contents (\$)
W.Scott Stuart House		X	0.00	=	\$0.00		X	0.00	=	\$0.00
Krenn School		X	0.00	=	\$0.00		X	0.00	=	\$0.00
Gamsjager - Wysong Farm		X	0.00	=	\$0.00		X	0.00	=	\$0.00
Doddridge County Courthouse	\$1,000,000.00	X	0.00	=	\$0.00	\$400,000.00	X	0.00	=	\$0.00
Lathrop Russell Charter House		X	0.00	=	\$0.00		X	0.00	=	\$0.00
Center Point Covered Bridge	\$3,225,600.00	X	0.00	=	\$0.00		X	0.00	=	\$0.00
Doddridge County EMS	\$468,683.00	X	0.00	=	\$0.00	\$36,435.00	X	0.00	=	\$0.00
Center Point Library	\$44,500.00	X	0.00	=	\$0.00	\$3,000.00	X	0.00	=	\$0.00
West Union City Hall	\$166,320.00	X	0.00	=	\$0.00	\$60,000.00	X	0.00	=	\$0.00
Doddridge County Health Department	\$250,000.00	X	0.00	=	\$0.00	\$50,000.00	X	0.00	=	\$0.00
WVDOH (West Union) Main Building	\$316,370.00	X	0.00	=	\$0.00	\$50,000.00	X	0.00	=	\$0.00
WVDOH (West Union) Garage	\$193,330.00	X	0.00	=	\$0.00	\$100,000.00	X	0.00	=	\$0.00
North Central Regional Jail	\$28,000,000.00	X	0.00	=	\$0.00	\$1,500,000.00	X	0.00	=	\$0.00
West Union Wastewater Plant	\$295,036.00	X	0.00	=	\$0.00		X	0.00	=	\$0.00
West Union Water Treatment Plant	\$257,500.00	X	0.00	=	\$0.00	\$513,738.00	X	0.00	=	\$0.00
Family Resource Building	\$1,000,000.00	X	0.00	=	\$0.00	\$40,000.00	X	0.00	=	\$0.00
Old West Union ES		X	0.00	=	\$0.00		X	0.00	=	\$0.00
Malidus Sewage Plant		X	0.00	=	\$0.00		X	0.00	=	\$0.00
Waldo Run Sewage Plant		X	0.00	=	\$0.00		X	0.00	=	\$0.00
Doddridge County Commission	\$1,200,000.00	X	0.00	=	\$0.00	\$220,000.00	X	0.00	=	\$0.00
Doddridge County Park Building		X	0.00	=	\$0.00		X	0.00	=	\$0.00
West Point ES		X	0.00	=	\$0.00		X	0.00	=	\$0.00
Swiger Run Library		X	0.00	=	\$0.00		X	0.00	=	\$0.00
Lions Club		X	0.00	=	\$0.00		X	0.00	=	\$0.00

Name/Description of Structure	Structure Replacement Value (Step 3) (\$)	X	Percent Damage (Step 4) (%)	=	Loss to Structure (\$)	Replacement Value of Contents (Step 3) (\$)	X	Percent Damage (step 4) (%)	=	Loss to Contents (\$)
Manchin Building		X	0.00	=	\$0.00		X	0.00	=	\$0.00
Mountain State Academy	\$175,000.00	X	0.00	=	\$0.00	\$25,000.00	X	0.00	=	\$0.00
Doddridge County Senior Center	\$500,000.00	X	0.00	=	\$0.00	\$100,000.00	X	0.00	=	\$0.00
Smith School		X	0.00	=	\$0.00		X	0.00	=	\$0.00
West Union Museum	\$200,000.00	X	0.00	=	\$0.00	\$400,000.00	X	0.00	=	\$0.00
West Union Methodist Church		X	0.00	=	\$0.00		X	0.00	=	\$0.00
West Union Christian Church		X	0.00	=	\$0.00		X	0.00	=	\$0.00
South Fork Baptist Church		X	0.00	=	\$0.00		X	0.00	=	\$0.00
Maxwell-Farr Farm House		X	0.00	=	\$0.00		X	0.00	=	\$0.00
Farr Wallace House		X	0.00	=	\$0.00		X	0.00	=	\$0.00
Doak House		X	0.00	=	\$0.00		X	0.00	=	\$0.00
Buckeye Water District	\$5,000,000.00	X	0.00	=	\$0.00	\$1,500,000.00	X	0.00	=	\$0.00
Upper Buckeye Community Building		X	0.00	=	\$0.00		X	0.00	=	\$0.00
Doddridge County Solid Waste Authority	\$55,800.00	X	0.00	=	\$0.00	\$48,000.00	X	0.00	=	\$0.00
					<b>\$2,137,500.00</b>					<b>\$534,400.00</b>

Structure Use and Function Loss (Task A.3.)										
Name/Description of Structure	Average Daily Operating Budget (Step 3) (\$)	X	Functional Downtime (Step 4) (# of days)	+	Displacement Cost per Day (Step 3) (\$)	X	Dplacementnt Time (Step 4) (\$)	=	Structue Use & Function Loss (\$)	Structure Loss + Content Loss + Function Loss (\$)
Roads	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Bridges	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Residential	\$0.00	X	0	+	\$0.00	X	100	=	\$0.00	\$2,671,900.00
GasPELL Lumber Co., Inc	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Coastal Lumber Co.	\$4,240.64	X	0	+	\$4,240.64	X	0	=	\$0.00	\$0.00
Doddridge County Medical Center	\$2,500.00	X	0	+	\$2,500.00	X	0	=	\$0.00	\$0.00
Doddridge County Public Library	\$370.18	X	0	+	\$370.18	X	0	=	\$0.00	\$0.00
Banks VFD	\$273.97	X	0	+	\$273.97	X	0	=	\$0.00	\$0.00
Greenwood VFD	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
McClellan District VFD	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Smithburg VFD	\$136.99	X	0	+	\$136.99	X	0	=	\$0.00	\$0.00
West Union VFD	\$205.48	X	0	+	\$205.48	X	0	=	\$0.00	\$0.00
State Police - West Union	\$1,298.63	X	0	+	\$1,298.63	X	0	=	\$0.00	\$0.00
U.S. Postal Office - West Union	\$342.47	X	0	+	\$342.47	X	0	=	\$0.00	\$0.00
U.S. Postal Office - Blandville	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
U.S. Postal Office - New Milton	\$232.88	X	0	+	\$232.88	X	0	=	\$0.00	\$0.00
U.S. Postal Office - Smithburg	\$164.38	X	0	+	\$164.38	X	0	=	\$0.00	\$0.00
Doddridge County Board of Education	\$26,849.32	X	0	+	\$26,849.32	X	0	=	\$0.00	\$0.00
Doddridge County Middle School	\$5,369.86	X	0	+	\$5,369.86	X	0	=	\$0.00	\$0.00
Doddridge County Elementary School	\$6,561.64	X	0	+	\$6,561.64	X	0	=	\$0.00	\$0.00

Name/Description of Structure	Average Daily Operating Budget (Step 3) (\$)	X	Functional Downtime (Step 4) (# of days)	+	Displacement Cost per Day (Step 3) (\$)	X	Dplacemetnt Time (Step 4) (\$)	=	Structue Use & Function Loss (\$)	Structure Loss + Content Loss + Function Loss (\$)
Doddridge County High School	\$5,150.68	X	0	+	\$5,150.68	X	0	=	\$0.00	\$0.00
W.Scott Stuart House	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Krenn School	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Gamsjager - Wysong Farm	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Doddridge County Courthouse	\$4,827.61	X	0	+	\$4,827.61	X	0	=	\$0.00	\$0.00
Lathrop Russell Charter House	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Center Point Covered Bridge	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Doddridge County EMS	\$520.55	X	0	+	\$520.55	X	0	=	\$0.00	\$0.00
Center Point Library	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
West Union City Hall	\$136.99	X	0	+	\$136.99	X	0	=	\$0.00	\$0.00
Doddridge County Health Department	\$1,232.88	X	0	+	\$1,232.88	X	0	=	\$0.00	\$0.00
WVDOH (West Union) Main Building	\$5,778.08	X	0	+	\$5,778.08	X	0	=	\$0.00	\$0.00
WVDOH (West Union) Garage	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
North Central Regional Jail	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
West Union Wastewater Plant	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
West Union Water Treatment Plant	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Family Resource Building	\$197.26	X	0	+	\$197.26	X	0	=	\$0.00	\$0.00
Old West Union ES	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Malidus Sewage Plant	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Waldo Run Sewage Plant	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Doddridge County Commission	\$151.56	X	0	+	\$151.56	X	0	=	\$0.00	\$0.00
Doddridge County Park Building	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00

Name/Description of Structure	Average Daily Operating Budget (Step 3) (\$)	X	Functional Downtime (Step 4) (# of days)	+	Displacement Cost per Day (Step 3) (\$)	X	Dplacement Time (Step 4) (\$)	=	Structue Use & Function Loss (\$)	Structure Loss + Content Loss + Function Loss (\$)
West Point ES	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Swiger Run Library	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Lions Club	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Manchin Building	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Mountain State Academy	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Doddridge County Senior Center	\$4,657.53	X	0	+	\$4,657.53	X	0	=	\$0.00	\$0.00
Smith School	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
West Union Museum	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
West Union Methodist Church	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
West Union Christian Church	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
South Fork Baptist Church	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Maxwell-Farr Farm House	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Farr Wallace House	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Doak House	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Buckeye Water District	\$1,095.89	X	0	+	\$1,095.89	X	0	=	\$0.00	\$0.00
Upper Buckeye Community Building	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Doddridge County Solid Waste Authority	\$276.71	X	0	+	\$276.71	X	0	=	\$0.00	\$0.00
									<b>\$0.00</b>	<b>\$2,671,900.00</b>

**Hazard: Wildfires**

Structure Loss (Task A.1.)					Contents of Loss (Task A.2.)					
Name/Description of Structure	Structure Replacement Value (Step 3) (\$)	X	Percent Damage (Step 4) (%)	=	Loss to Structure (\$)	Replacement Value of Contents (Step 3) (\$)	X	Percent Damage (step 4) (%)	=	Loss to Contents (\$)
Roads	\$9,530,400,000.00	X	0.00	=	\$0.00	\$0.00	X	0.00	=	\$0.00
Bridges	\$234,639,800.00	X	0.00	=	\$0.00	\$0.00	X	0.00	=	\$0.00
Residential	\$213,750,000.00	X	0.10	=	\$213,800.00	\$106,875,000.00	X	0.05	=	\$53,400.00
Glaspell Lumber Co., Inc	\$0.00	X	2.00	=	\$0.00	\$0.00	X	1.00	=	\$0.00
Coastal Lumber Co.	\$1,500,000.00	X	2.00	=	\$30,000.00	\$2,000,000.00	X	1.00	=	\$20,000.00
Doddridge County Medical Center	\$559,000.00	X	2.00	=	\$11,200.00	\$225,000.00	X	1.00	=	\$2,300.00
Doddridge County Public Library	\$149,000.00	X	2.00	=	\$3,000.00	\$36,000.00	X	1.00	=	\$400.00
Banks VFD	\$350,000.00	X	2.00	=	\$7,000.00	\$750,000.00	X	1.00	=	\$7,500.00
Greenwood VFD		X	2.00	=	\$0.00		X	1.00	=	\$0.00
McClellan District VFD		X	2.00	=	\$0.00		X	1.00	=	\$0.00
Smithburg VFD	\$235,000.00	X	2.00	=	\$4,700.00	\$750,000.00	X	1.00	=	\$7,500.00
West Union VFD	\$350,000.00	X	2.00	=	\$7,000.00	\$1,000,000.00	X	1.00	=	\$10,000.00
State Police - West Union	\$1,500,000.00	X	2.00	=	\$30,000.00	\$30,000.00	X	1.00	=	\$300.00
U.S. Postal Office - West Union	\$202,400.00	X	2.00	=	\$4,000.00	\$10,000.00	X	1.00	=	\$100.00
U.S. Postal Office - Blandville		X	2.00	=	\$0.00		X	1.00	=	\$0.00
U.S. Postal Office - New Milton	\$52,800.00	X	2.00	=	\$1,100.00	\$4,000.00	X	1.00	=	\$0.00
U.S. Postal Office - Smithburg	\$70,400.00	X	2.00	=	\$1,400.00	\$3,200.00	X	1.00	=	\$0.00
Doddridge County Board of Education	\$2,159,499.00	X	2.00	=	\$43,200.00	\$40,000.00	X	1.00	=	\$400.00
Doddridge County Middle School	\$6,825,000.00	X	2.00	=	\$136,500.00	\$6,210,750.00	X	1.00	=	\$62,100.00
Doddridge County Elementary School	\$3,913,000.00	X	2.00	=	\$78,300.00	\$3,560,830.00	X	1.00	=	\$35,600.00
Doddridge County High School	\$6,530,797.00	X	2.00	=	\$130,600.00	\$5,943,025.27	X	1.00	=	\$59,400.00
W.Scott Stuart House		X	2.00	=	\$0.00		X	1.00	=	\$0.00
Krenn School		X	2.00	=	\$0.00		X	1.00	=	\$0.00
Gamsjager - Wysong Farm		X	2.00	=	\$0.00		X	1.00	=	\$0.00

Doddridge County Courthouse	\$1,000,000.00	X	2.00	=	\$20,000.00	\$400,000.00	X	1.00	=	\$4,000.00
Lathrop Russell Charter House		X	2.00	=	\$0.00		X	1.00	=	\$0.00
Center Point Covered Bridge	\$3,225,600.00	X	2.00	=	\$64,500.00		X	1.00	=	\$0.00
Doddridge County EMS	\$468,683.00	X	2.00	=	\$9,400.00	\$36,435.00	X	1.00	=	\$400.00
Center Point Library	\$44,500.00	X	2.00	=	\$900.00	\$3,000.00	X	1.00	=	\$0.00
West Union City Hall	\$166,320.00	X	2.00	=	\$3,300.00	\$60,000.00	X	1.00	=	\$600.00
Doddridge County Health Department	\$250,000.00	X	2.00	=	\$5,000.00	\$50,000.00	X	1.00	=	\$500.00
WVDOH (West Union) Main Building	\$316,370.00	X	2.00	=	\$6,300.00	\$50,000.00	X	1.00	=	\$500.00
WVDOH (West Union) Garage	\$193,330.00	X	2.00	=	\$3,900.00	\$100,000.00	X	1.00	=	\$1,000.00
North Central Regional Jail	\$28,000,000.00	X	2.00	=	\$560,000.00	\$1,500,000.00	X	1.00	=	\$15,000.00
West Union Wastewater Plant	\$295,036.00	X	2.00	=	\$5,900.00		X	1.00	=	\$0.00
West Union Water Treatment Plant	\$257,500.00	X	2.00	=	\$5,200.00	\$513,738.00	X	1.00	=	\$5,100.00
Family Resource Building	\$1,000,000.00	X	2.00	=	\$20,000.00	\$40,000.00	X	1.00	=	\$400.00
Old West Union ES		X	2.00	=	\$0.00		X	1.00	=	\$0.00
Malidus Sewage Plant		X	2.00	=	\$0.00		X	1.00	=	\$0.00
Waldo Run Sewage Plant		X	2.00	=	\$0.00		X	1.00	=	\$0.00
Doddridge County Commission	\$1,200,000.00	X	2.00	=	\$24,000.00	\$220,000.00	X	1.00	=	\$2,200.00
Doddridge County Park Building		X	2.00	=	\$0.00		X	1.00	=	\$0.00
West Point ES		X	2.00	=	\$0.00		X	1.00	=	\$0.00
Swiger Run Library		X	2.00	=	\$0.00		X	1.00	=	\$0.00
Lions Club		X	2.00	=	\$0.00		X	1.00	=	\$0.00
Manchin Building		X	2.00	=	\$0.00		X	1.00	=	\$0.00
Mountain State Academy	\$175,000.00	X	2.00	=	\$3,500.00	\$25,000.00	X	1.00	=	\$300.00
Doddridge County Senior Center	\$500,000.00	X	2.00	=	\$10,000.00	\$100,000.00	X	1.00	=	\$1,000.00
Smith School		X	2.00	=	\$0.00		X	1.00	=	\$0.00
West Union Museum	\$200,000.00	X	2.00	=	\$4,000.00	\$400,000.00	X	1.00	=	\$4,000.00
West Union Methodist Church		X	2.00	=	\$0.00		X	1.00	=	\$0.00
West Union Christian Church		X	2.00	=	\$0.00		X	1.00	=	\$0.00
South Fork Baptist Church		X	2.00	=	\$0.00		X	1.00	=	\$0.00
Maxwell-Farr Farm House		X	2.00	=	\$0.00		X	1.00	=	\$0.00

Farr Wallace House		X	2.00	=	\$0.00		X	1.00	=	\$0.00	
Doak House		X	2.00	=	\$0.00		X	1.00	=	\$0.00	
Buckeye Water District	\$5,000,000.00	X	2.00	=	\$100,000.00	\$1,500,000.00	X	1.00	=	\$15,000.00	
Upper Buckeye Community Building		X	2.00	=	\$0.00		X	1.00	=	\$0.00	
Doddridge County Solid Waste Authority	\$55,800.00	X	2.00	=	\$1,100.00	\$48,000.00	X	1.00	=	\$500.00	
					<b>\$1,548,800.00</b>						<b>\$309,500.00</b>

Structure Use and Function Loss (Task A.3.)										
Name/Description of Structure	Average Daily Operating Budget (Step 3) (\$)	X	Functional Downtime (Step 4) (# of days)	+	Displacement Cost per Day (Step 3) (\$)	X	Dplacementnt Time (Step 4) (\$)	=	Structue Use & Function Loss (\$)	Structure Loss + Content Loss + Function Loss (\$)
Roads	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Bridges	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Residential	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$267,200.00
Glaspell Lumber Co., Inc	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Coastal Lumber Co.	\$4,240.64	X	0	+	\$4,240.64	X	0	=	\$0.00	\$50,000.00
Doddridge County Medical Center	\$2,500.00	X	0	+	\$2,500.00	X	0	=	\$0.00	\$13,500.00
Doddridge County Public Library	\$370.18	X	0	+	\$370.18	X	0	=	\$0.00	\$3,400.00
Banks VFD	\$273.97	X	0	+	\$273.97	X	0	=	\$0.00	\$14,500.00
Greenwood VFD	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
McClellan District VFD	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Smithburg VFD	\$136.99	X	0	+	\$136.99	X	0	=	\$0.00	\$12,200.00
West Union VFD	\$205.48	X	0	+	\$205.48	X	0	=	\$0.00	\$17,000.00
State Police - West Union	\$1,298.63	X	0	+	\$1,298.63	X	0	=	\$0.00	\$30,300.00
U.S. Postal Office - West Union	\$342.47	X	0	+	\$342.47	X	0	=	\$0.00	\$4,100.00
U.S. Postal Office - Blandville	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
U.S. Postal Office - New Milton	\$232.88	X	0	+	\$232.88	X	0	=	\$0.00	\$1,100.00
U.S. Postal Office - Smithburg	\$164.38	X	0	+	\$164.38	X	0	=	\$0.00	\$1,400.00
Doddridge County Board of Education	\$26,849.32	X	0	+	\$26,849.32	X	0	=	\$0.00	\$43,600.00
Doddridge County Middle School	\$5,369.86	X	0	+	\$5,369.86	X	0	=	\$0.00	\$198,600.00
Doddridge County Elementary School	\$6,561.64	X	0	+	\$6,561.64	X	0	=	\$0.00	\$113,900.00
Doddridge County High School	\$5,150.68	X	0	+	\$5,150.68	X	0	=	\$0.00	\$190,000.00
W.Scott Stuart House	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Krenn School	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00

Gamsjager - Wysong Farm	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Doddridge County Courthouse	\$4,827.61	X	0	+	\$4,827.61	X	0	=	\$0.00	\$24,000.00
Lathrop Russell Charter House	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Center Point Covered Bridge	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$64,500.00
Doddridge County EMS	\$520.55	X	0	+	\$520.55	X	0	=	\$0.00	\$9,800.00
Center Point Library	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$900.00
West Union City Hall	\$136.99	X	0	+	\$136.99	X	0	=	\$0.00	\$3,900.00
Doddridge County Health Department	\$1,232.88	X	0	+	\$1,232.88	X	0	=	\$0.00	\$5,500.00
WVDOH (West Union) Main Building	\$5,778.08	X	0	+	\$5,778.08	X	0	=	\$0.00	\$6,800.00
WVDOH (West Union) Garage	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$4,900.00
North Central Regional Jail	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$575,000.00
West Union Wastewater Plant	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$5,900.00
West Union Water Treatment Plant	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$10,300.00
Family Resource Building	\$197.26	X	0	+	\$197.26	X	0	=	\$0.00	\$20,400.00
Old West Union ES	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Malidus Sewage Plant	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Waldo Run Sewage Plant	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Doddridge County Commission	\$151.56	X	0	+	\$151.56	X	0	=	\$0.00	\$26,200.00
Doddridge County Park Building	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
West Point ES	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Swiger Run Library	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Lions Club	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Manchin Building	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Mountain State Academy	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$3,800.00
Doddridge County Senior Center	\$4,657.53	X	0	+	\$4,657.53	X	0	=	\$0.00	\$11,000.00
Smith School	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
West Union Museum	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$8,000.00

West Union Methodist Church	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
West Union Christian Church	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
South Fork Baptist Church	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Maxwell-Farr Farm House	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Farr Wallace House	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Doak House	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Buckeye Water District	\$1,095.89	X	0	+	\$1,095.89	X	0	=	\$0.00	\$115,000.00
Upper Buckeye Community Building	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Doddridge County Solid Waste Authority	\$276.71	X	0	+	\$276.71	X	0	=	\$0.00	\$1,600.00
									<b>\$0.00</b>	<b>\$1,858,300.00</b>

**Hazard: Severe Wind - Tornadoes**

Structure Loss (Task A.1.)					Contents of Loss (Task A.2.)					
Name/Description of Structure	Structure Replacement Value (Step 3) (\$)	X	Percent Damage (Step 4) (%)	=	Loss to Structure (\$)	Replacement Value of Contents (Step 3) (\$)	X	Percent Damage (step 4) (%)	=	Loss to Contents (\$)
Roads	\$9,530,400,000.00	X	0.00	=	\$0.00	\$0.00	X	0.00	=	\$0.00
Bridges	\$234,639,800.00	X	0.00	=	\$0.00	\$0.00	X	0.00	=	\$0.00
Residential	\$213,750,000.00	X	0.10	=	\$213,800.00	\$106,875,000.00	X	0.05	=	\$53,400.00
Glaspell Lumber Co., Inc	\$0.00	X	2.00	=	\$0.00	\$0.00	X	1.00	=	\$0.00
Coastal Lumber Co.	\$1,500,000.00	X	2.00	=	\$30,000.00	\$2,000,000.00	X	1.00	=	\$20,000.00
Doddridge County Medical Center	\$559,000.00	X	2.00	=	\$11,200.00	\$225,000.00	X	1.00	=	\$2,300.00
Doddridge County Public Library	\$149,000.00	X	2.00	=	\$3,000.00	\$36,000.00	X	1.00	=	\$400.00
Banks VFD	\$350,000.00	X	2.00	=	\$7,000.00	\$750,000.00	X	1.00	=	\$7,500.00
Greenwood VFD		X	2.00	=	\$0.00		X	1.00	=	\$0.00
McClellan District VFD		X	2.00	=	\$0.00		X	1.00	=	\$0.00
Smithburg VFD	\$235,000.00	X	2.00	=	\$4,700.00	\$750,000.00	X	1.00	=	\$7,500.00
West Union VFD	\$350,000.00	X	2.00	=	\$7,000.00	\$1,000,000.00	X	1.00	=	\$10,000.00
State Police - West Union	\$1,500,000.00	X	2.00	=	\$30,000.00	\$30,000.00	X	1.00	=	\$300.00
U.S. Postal Office - West Union	\$202,400.00	X	2.00	=	\$4,000.00	\$10,000.00	X	1.00	=	\$100.00
U.S. Postal Office - Blandville		X	2.00	=	\$0.00		X	1.00	=	\$0.00
U.S. Postal Office - New Milton	\$52,800.00	X	2.00	=	\$1,100.00	\$4,000.00	X	1.00	=	\$0.00
U.S. Postal Office - Smithburg	\$70,400.00	X	2.00	=	\$1,400.00	\$3,200.00	X	1.00	=	\$0.00
Doddridge County Board of Education	\$2,159,499.00	X	2.00	=	\$43,200.00	\$40,000.00	X	1.00	=	\$400.00
Doddridge County Middle School	\$6,825,000.00	X	2.00	=	\$136,500.00	\$6,210,750.00	X	1.00	=	\$62,100.00
Doddridge County Elementary School	\$3,913,000.00	X	2.00	=	\$78,300.00	\$3,560,830.00	X	1.00	=	\$35,600.00
Doddridge County High School	\$6,530,797.00	X	2.00	=	\$130,600.00	\$5,943,025.27	X	1.00	=	\$59,400.00
W.Scott Stuart House		X	2.00	=	\$0.00		X	1.00	=	\$0.00
Krenn School		X	2.00	=	\$0.00		X	1.00	=	\$0.00
Gamsjager - Wysong Farm		X	2.00	=	\$0.00		X	1.00	=	\$0.00

Doddridge County Courthouse	\$1,000,000.00	X	2.00	=	\$20,000.00	\$400,000.00	X	1.00	=	\$4,000.00
Lathrop Russell Charter House		X	2.00	=	\$0.00		X	1.00	=	\$0.00
Center Point Covered Bridge	\$3,225,600.00	X	2.00	=	\$64,500.00		X	1.00	=	\$0.00
Doddridge County EMS	\$468,683.00	X	2.00	=	\$9,400.00	\$36,435.00	X	1.00	=	\$400.00
Center Point Library	\$44,500.00	X	2.00	=	\$900.00	\$3,000.00	X	1.00	=	\$0.00
West Union City Hall	\$166,320.00	X	2.00	=	\$3,300.00	\$60,000.00	X	1.00	=	\$600.00
Doddridge County Health Department	\$250,000.00	X	2.00	=	\$5,000.00	\$50,000.00	X	1.00	=	\$500.00
WVDOH (West Union) Main Building	\$316,370.00	X	2.00	=	\$6,300.00	\$50,000.00	X	1.00	=	\$500.00
WVDOH (West Union) Garage	\$193,330.00	X	2.00	=	\$3,900.00	\$100,000.00	X	1.00	=	\$1,000.00
North Central Regional Jail	\$28,000,000.00	X	2.00	=	\$560,000.00	\$1,500,000.00	X	1.00	=	\$15,000.00
West Union Wastewater Plant	\$295,036.00	X	2.00	=	\$5,900.00		X	1.00	=	\$0.00
West Union Water Treatment Plant	\$257,500.00	X	2.00	=	\$5,200.00	\$513,738.00	X	1.00	=	\$5,100.00
Family Resource Building	\$1,000,000.00	X	2.00	=	\$20,000.00	\$40,000.00	X	1.00	=	\$400.00
Old West Union ES		X	2.00	=	\$0.00		X	1.00	=	\$0.00
Malidus Sewage Plant		X	2.00	=	\$0.00		X	1.00	=	\$0.00
Waldo Run Sewage Plant		X	2.00	=	\$0.00		X	1.00	=	\$0.00
Doddridge County Commission	\$1,200,000.00	X	2.00	=	\$24,000.00	\$220,000.00	X	1.00	=	\$2,200.00
Doddridge County Park Building		X	2.00	=	\$0.00		X	1.00	=	\$0.00
West Point ES		X	2.00	=	\$0.00		X	1.00	=	\$0.00
Swiger Run Library		X	2.00	=	\$0.00		X	1.00	=	\$0.00
Lions Club		X	2.00	=	\$0.00		X	1.00	=	\$0.00
Manchin Building		X	2.00	=	\$0.00		X	1.00	=	\$0.00
Mountain State Academy	\$175,000.00	X	2.00	=	\$3,500.00	\$25,000.00	X	1.00	=	\$300.00
Doddridge County Senior Center	\$500,000.00	X	2.00	=	\$10,000.00	\$100,000.00	X	1.00	=	\$1,000.00
Smith School		X	2.00	=	\$0.00		X	1.00	=	\$0.00
West Union Museum	\$200,000.00	X	2.00	=	\$4,000.00	\$400,000.00	X	1.00	=	\$4,000.00
West Union Methodist Church		X	2.00	=	\$0.00		X	1.00	=	\$0.00
West Union Christian Church		X	2.00	=	\$0.00		X	1.00	=	\$0.00
South Fork Baptist Church		X	2.00	=	\$0.00		X	1.00	=	\$0.00
Maxwell-Farr Farm House		X	2.00	=	\$0.00		X	1.00	=	\$0.00

Farr Wallace House		X	2.00	=	\$0.00		X	1.00	=	\$0.00	
Doak House		X	2.00	=	\$0.00		X	1.00	=	\$0.00	
Buckeye Water District	\$5,000,000.00	X	2.00	=	\$100,000.00	\$1,500,000.00	X	1.00	=	\$15,000.00	
Upper Buckeye Community Building		X	2.00	=	\$0.00		X	1.00	=	\$0.00	
Doddridge County Solid Waste Authority	\$55,800.00	X	2.00	=	\$1,100.00	\$48,000.00	X	1.00	=	\$500.00	
					<b>\$1,548,800.00</b>						<b>\$309,500.00</b>

Structure Use and Function Loss (Task A.3.)										
Name/Description of Structure	Average Daily Operating Budget (Step 3) (\$)	X	Functional Downtime (Step 4) (# of days)	+	Displacement Cost per Day (Step 3) (\$)	X	Dplacementnt Time (Step 4) (\$)	=	Structue Use & Function Loss (\$)	Structure Loss + Content Loss + Function Loss (\$)
Roads	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Bridges	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Residential	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$267,200.00
Glaspell Lumber Co., Inc	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Coastal Lumber Co.	\$4,240.64	X	0	+	\$4,240.64	X	0	=	\$0.00	\$50,000.00
Doddridge County Medical Center	\$2,500.00	X	0	+	\$2,500.00	X	0	=	\$0.00	\$13,500.00
Doddridge County Public Library	\$370.18	X	1	+	\$370.18	X	0	=	\$370.00	\$3,770.00
Banks VFD	\$273.97	X	0	+	\$273.97	X	0	=	\$0.00	\$14,500.00
Greenwood VFD	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
McClellan District VFD	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Smithburg VFD	\$136.99	X	0	+	\$136.99	X	0	=	\$0.00	\$12,200.00
West Union VFD	\$205.48	X	0	+	\$205.48	X	0	=	\$0.00	\$17,000.00
State Police - West Union	\$1,298.63	X	0	+	\$1,298.63	X	0	=	\$0.00	\$30,300.00
U.S. Postal Office - West Union	\$342.47	X	0	+	\$342.47	X	0	=	\$0.00	\$4,100.00
U.S. Postal Office - Blandville	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
U.S. Postal Office - New Milton	\$232.88	X	0	+	\$232.88	X	0	=	\$0.00	\$1,100.00
U.S. Postal Office - Smithburg	\$164.38	X	0	+	\$164.38	X	0	=	\$0.00	\$1,400.00
Doddridge County Board of Education	\$26,849.32	X	1	+	\$26,849.32	X	0	=	\$26,850.00	\$70,450.00
Doddridge County Middle School	\$5,369.86	X	1	+	\$5,369.86	X	0	=	\$5,370.00	\$203,970.00
Doddridge County Elementary School	\$6,561.64	X	1	+	\$6,561.64	X	0	=	\$6,560.00	\$120,460.00
Doddridge County High School	\$5,150.68	X	1	+	\$5,150.68	X	0	=	\$5,150.00	\$195,150.00
W.Scott Stuart House	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Krenn School	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00

Gamsjager - Wysong Farm	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Doddridge County Courthouse	\$4,827.61	X	1	+	\$4,827.61	X	0	=	\$4,830.00	\$28,830.00
Lathrop Russell Charter House	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Center Point Covered Bridge	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$64,500.00
Doddridge County EMS	\$520.55	X	0	+	\$520.55	X	0	=	\$0.00	\$9,800.00
Center Point Library	\$0.00	X	1	+	\$0.00	X	0	=	\$0.00	\$900.00
West Union City Hall	\$136.99	X	1	+	\$136.99	X	0	=	\$140.00	\$4,040.00
Doddridge County Health Department	\$1,232.88	X	0	+	\$1,232.88	X	0	=	\$0.00	\$5,500.00
WVDOH (West Union) Main Building	\$5,778.08	X	0	+	\$5,778.08	X	0	=	\$0.00	\$6,800.00
WVDOH (West Union) Garage	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$4,900.00
North Central Regional Jail	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$575,000.00
West Union Wastewater Plant	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$5,900.00
West Union Water Treatment Plant	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$10,300.00
Family Resource Building	\$197.26	X	0	+	\$197.26	X	0	=	\$0.00	\$20,400.00
Old West Union ES	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Malidus Sewage Plant	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Waldo Run Sewage Plant	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Doddridge County Commission	\$151.56	X	1	+	\$151.56	X	0	=	\$150.00	\$26,350.00
Doddridge County Park Building	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
West Point ES	\$0.00	X	1	+	\$0.00	X	0	=	\$0.00	\$0.00
Swiger Run Library	\$0.00	X	1	+	\$0.00	X	0	=	\$0.00	\$0.00
Lions Club	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Manchin Building	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Mountain State Academy	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$3,800.00
Doddridge County Senior Center	\$4,657.53	X	0	+	\$4,657.53	X	0	=	\$0.00	\$11,000.00
Smith School	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
West Union Museum	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$8,000.00

West Union Methodist Church	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
West Union Christian Church	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
South Fork Baptist Church	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Maxwell-Farr Farm House	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Farr Wallace House	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Doak House	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Buckeye Water District	\$1,095.89	X	0	+	\$1,095.89	X	0	=	\$0.00	\$115,000.00
Upper Buckeye Community Building	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Doddridge County Solid Waste Authority	\$276.71	X	0	+	\$276.71	X	0	=	\$0.00	\$1,600.00
									<b>\$49,420.00</b>	<b>\$1,907,720.00</b>

**Hazard: Severe Thunderstorm**

Structure Loss (Task A.1.)					Contents of Loss (Task A.2.)					
Name/Description of Structure	Structure Replacement Value (Step 3) (\$)	X	Percent Damage (Step 4) (%)	=	Loss to Structure (\$)	Replacement Value of Contents (Step 3) (\$)	X	Percent Damage (step 4) (%)	=	Loss to Contents (\$)
Roads	\$9,530,400,000.00	X	0.00	=	\$0.00	\$0.00	X	0.00	=	\$0.00
Bridges	\$234,639,800.00	X	0.00	=	\$0.00	\$0.00	X	0.00	=	\$0.00
Residential	\$213,750,000.00	X	0.10	=	\$213,800.00	\$106,875,000.00	X	0.05	=	\$53,400.00
Glaspell Lumber Co., Inc	\$0.00	X	4.00	=	\$0.00	\$0.00	X	2.00	=	\$0.00
Coastal Lumber Co.	\$1,500,000.00	X	4.00	=	\$60,000.00	\$2,000,000.00	X	2.00	=	\$40,000.00
Doddridge County Medical Center	\$559,000.00	X	4.00	=	\$22,400.00	\$225,000.00	X	2.00	=	\$4,500.00
Doddridge County Public Library	\$149,000.00	X	4.00	=	\$6,000.00	\$36,000.00	X	2.00	=	\$700.00
Banks VFD	\$350,000.00	X	4.00	=	\$14,000.00	\$750,000.00	X	2.00	=	\$15,000.00
Greenwood VFD		X	4.00	=	\$0.00		X	2.00	=	\$0.00
McClellan District VFD		X	4.00	=	\$0.00		X	2.00	=	\$0.00
Smithburg VFD	\$235,000.00	X	4.00	=	\$9,400.00	\$750,000.00	X	2.00	=	\$15,000.00
West Union VFD	\$350,000.00	X	4.00	=	\$14,000.00	\$1,000,000.00	X	2.00	=	\$20,000.00
State Police - West Union	\$1,500,000.00	X	4.00	=	\$60,000.00	\$30,000.00	X	2.00	=	\$600.00
U.S. Postal Office - West Union	\$202,400.00	X	4.00	=	\$8,100.00	\$10,000.00	X	2.00	=	\$200.00
U.S. Postal Office - Blandville		X	4.00	=	\$0.00		X	2.00	=	\$0.00
U.S. Postal Office - New Milton	\$52,800.00	X	4.00	=	\$2,100.00	\$4,000.00	X	2.00	=	\$100.00
U.S. Postal Office - Smithburg	\$70,400.00	X	4.00	=	\$2,800.00	\$3,200.00	X	2.00	=	\$100.00
Doddridge County Board of Education	\$2,159,499.00	X	4.00	=	\$86,400.00	\$40,000.00	X	2.00	=	\$800.00
Doddridge County Middle School	\$6,825,000.00	X	4.00	=	\$273,000.00	\$6,210,750.00	X	2.00	=	\$124,200.00
Doddridge County Elementary School	\$3,913,000.00	X	4.00	=	\$156,500.00	\$3,560,830.00	X	2.00	=	\$71,200.00
Doddridge County High School	\$6,530,797.00	X	4.00	=	\$261,200.00	\$5,943,025.27	X	2.00	=	\$118,900.00
W.Scott Stuart House		X	4.00	=	\$0.00		X	2.00	=	\$0.00
Krenn School		X	4.00	=	\$0.00		X	2.00	=	\$0.00
Gamsjager - Wysong Farm		X	4.00	=	\$0.00		X	2.00	=	\$0.00

Doddridge County Courthouse	\$1,000,000.00	X	4.00	=	\$40,000.00	\$400,000.00	X	2.00	=	\$8,000.00
Lathrop Russell Charter House		X	4.00	=	\$0.00		X	2.00	=	\$0.00
Center Point Covered Bridge	\$3,225,600.00	X	4.00	=	\$129,000.00		X	2.00	=	\$0.00
Doddridge County EMS	\$468,683.00	X	4.00	=	\$18,700.00	\$36,435.00	X	2.00	=	\$700.00
Center Point Library	\$44,500.00	X	4.00	=	\$1,800.00	\$3,000.00	X	2.00	=	\$100.00
West Union City Hall	\$166,320.00	X	4.00	=	\$6,700.00	\$60,000.00	X	2.00	=	\$1,200.00
Doddridge County Health Department	\$250,000.00	X	4.00	=	\$10,000.00	\$50,000.00	X	2.00	=	\$1,000.00
WVDOH (West Union) Main Building	\$316,370.00	X	4.00	=	\$12,700.00	\$50,000.00	X	2.00	=	\$1,000.00
WVDOH (West Union) Garage	\$193,330.00	X	4.00	=	\$7,700.00	\$100,000.00	X	2.00	=	\$2,000.00
North Central Regional Jail	\$28,000,000.00	X	4.00	=	\$1,120,000.00	\$1,500,000.00	X	2.00	=	\$30,000.00
West Union Wastewater Plant	\$295,036.00	X	4.00	=	\$11,800.00		X	2.00	=	\$0.00
West Union Water Treatment Plant	\$257,500.00	X	4.00	=	\$10,300.00	\$513,738.00	X	2.00	=	\$10,300.00
Family Resource Building	\$1,000,000.00	X	4.00	=	\$40,000.00	\$40,000.00	X	2.00	=	\$800.00
Old West Union ES		X	4.00	=	\$0.00		X	2.00	=	\$0.00
Maldus Sewage Plant		X	4.00	=	\$0.00		X	2.00	=	\$0.00
Waldo Run Sewage Plant		X	4.00	=	\$0.00		X	2.00	=	\$0.00
Doddridge County Commission	\$1,200,000.00	X	4.00	=	\$48,000.00	\$220,000.00	X	2.00	=	\$4,400.00
Doddridge County Park Building		X	4.00	=	\$0.00		X	2.00	=	\$0.00
West Point ES		X	4.00	=	\$0.00		X	2.00	=	\$0.00
Swiger Run Library		X	4.00	=	\$0.00		X	2.00	=	\$0.00
Lions Club		X	4.00	=	\$0.00		X	2.00	=	\$0.00
Manchin Building		X	4.00	=	\$0.00		X	2.00	=	\$0.00
Mountain State Academy	\$175,000.00	X	4.00	=	\$7,000.00	\$25,000.00	X	2.00	=	\$500.00
Doddridge County Senior Center	\$500,000.00	X	4.00	=	\$20,000.00	\$100,000.00	X	2.00	=	\$2,000.00
Smith School		X	4.00	=	\$0.00		X	2.00	=	\$0.00
West Union Museum	\$200,000.00	X	4.00	=	\$8,000.00	\$400,000.00	X	2.00	=	\$8,000.00
West Union Methodist Church		X	4.00	=	\$0.00		X	2.00	=	\$0.00
West Union Christian Church		X	4.00	=	\$0.00		X	2.00	=	\$0.00
South Fork Baptist Church		X	4.00	=	\$0.00		X	2.00	=	\$0.00
Maxwell-Farr Farm House		X	4.00	=	\$0.00		X	2.00	=	\$0.00

Farr Wallace House		X	4.00	=	\$0.00		X	2.00	=	\$0.00	
Doak House		X	4.00	=	\$0.00		X	2.00	=	\$0.00	
Buckeye Water District	\$5,000,000.00	X	4.00	=	\$200,000.00	\$1,500,000.00	X	2.00	=	\$30,000.00	
Upper Buckeye Community Building		X	4.00	=	\$0.00		X	2.00	=	\$0.00	
Doddridge County Solid Waste Authority	\$55,800.00	X	4.00	=	\$2,200.00	\$48,000.00	X	2.00	=	\$1,000.00	
					<b>\$2,883,600.00</b>						<b>\$565,700.00</b>

Structure Use and Function Loss (Task A.3.)										
Name/Description of Structure	Average Daily Operating Budget (Step 3) (\$)	X	Functional Downtime (Step 4) (# of days)	+	Displacement Cost per Day (Step 3) (\$)	X	Dplacementnt Time (Step 4) (\$)	=	Structue Use & Function Loss (\$)	Structure Loss + Content Loss + Function Loss (\$)
Roads	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Bridges	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Residential	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$267,200.00
Glaspell Lumber Co., Inc	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Coastal Lumber Co.	\$4,240.64	X	0	+	\$4,240.64	X	0	=	\$0.00	\$100,000.00
Doddridge County Medical Center	\$2,500.00	X	0	+	\$2,500.00	X	0	=	\$0.00	\$26,900.00
Doddridge County Public Library	\$370.18	X	0	+	\$370.18	X	0	=	\$0.00	\$6,700.00
Banks VFD	\$273.97	X	0	+	\$273.97	X	0	=	\$0.00	\$29,000.00
Greenwood VFD	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
McClellan District VFD	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Smithburg VFD	\$136.99	X	0	+	\$136.99	X	0	=	\$0.00	\$24,400.00
West Union VFD	\$205.48	X	0	+	\$205.48	X	0	=	\$0.00	\$34,000.00
State Police - West Union	\$1,298.63	X	0	+	\$1,298.63	X	0	=	\$0.00	\$60,600.00
U.S. Postal Office - West Union	\$342.47	X	0	+	\$342.47	X	0	=	\$0.00	\$8,300.00
U.S. Postal Office - Blandville	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
U.S. Postal Office - New Milton	\$232.88	X	0	+	\$232.88	X	0	=	\$0.00	\$2,200.00
U.S. Postal Office - Smithburg	\$164.38	X	0	+	\$164.38	X	0	=	\$0.00	\$2,900.00
Doddridge County Board of Education	\$26,849.32	X	0	+	\$26,849.32	X	0	=	\$0.00	\$87,200.00
Doddridge County Middle School	\$5,369.86	X	0	+	\$5,369.86	X	0	=	\$0.00	\$397,200.00
Doddridge County Elementary School	\$6,561.64	X	0	+	\$6,561.64	X	0	=	\$0.00	\$227,700.00
Doddridge County High School	\$5,150.68	X	0	+	\$5,150.68	X	0	=	\$0.00	\$380,100.00
W.Scott Stuart House	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Krenn School	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00

Gamsjager - Wysong Farm	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Doddridge County Courthouse	\$4,827.61	X	0	+	\$4,827.61	X	0	=	\$0.00	\$48,000.00
Lathrop Russell Charter House	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Center Point Covered Bridge	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$129,000.00
Doddridge County EMS	\$520.55	X	0	+	\$520.55	X	0	=	\$0.00	\$19,400.00
Center Point Library	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$1,900.00
West Union City Hall	\$136.99	X	0	+	\$136.99	X	0	=	\$0.00	\$7,900.00
Doddridge County Health Department	\$1,232.88	X	0	+	\$1,232.88	X	0	=	\$0.00	\$11,000.00
WVDOH (West Union) Main Building	\$5,778.08	X	0	+	\$5,778.08	X	0	=	\$0.00	\$13,700.00
WVDOH (West Union) Garage	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$9,700.00
North Central Regional Jail	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$1,150,000.00
West Union Wastewater Plant	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$11,800.00
West Union Water Treatment Plant	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$20,600.00
Family Resource Building	\$197.26	X	0	+	\$197.26	X	0	=	\$0.00	\$40,800.00
Old West Union ES	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Malidus Sewage Plant	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Waldo Run Sewage Plant	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Doddridge County Commission	\$151.56	X	0	+	\$151.56	X	0	=	\$0.00	\$52,400.00
Doddridge County Park Building	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
West Point ES	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Swiger Run Library	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Lions Club	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Manchin Building	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Mountain State Academy	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$7,500.00
Doddridge County Senior Center	\$4,657.53	X	0	+	\$4,657.53	X	0	=	\$0.00	\$22,000.00
Smith School	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
West Union Museum	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$16,000.00

West Union Methodist Church	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
West Union Christian Church	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
South Fork Baptist Church	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Maxwell-Farr Farm House	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Farr Wallace House	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Doak House	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Buckeye Water District	\$1,095.89	X	0	+	\$1,095.89	X	0	=	\$0.00	\$230,000.00
Upper Buckeye Community Building	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Doddridge County Solid Waste Authority	\$276.71	X	0	+	\$276.71	X	0	=	\$0.00	\$3,200.00
									\$0.00	\$3,449,300.00

**Hazard: Landslides & Erosion**

Structure Loss (Task A.1.)					Contents of Loss (Task A.2.)					
Name/Description of Structure	Structure Replacement Value (Step 3) (\$)	X	Percent Damage (Step 4) (%)	=	Loss to Structure (\$)	Replacement Value of Contents (Step 3) (\$)	X	Percent Damage (step 4) (%)	=	Loss to Contents (\$)
Roads	\$9,530,400,000.00	X	0.00	=	\$0.00	\$0.00	X	0.00	=	\$0.00
Bridges	\$234,639,800.00	X	0.00	=	\$0.00	\$0.00	X	0.00	=	\$0.00
Residential	\$213,750,000.00	X	0.01	=	\$21,400.00	\$106,875,000.00	X	0.01	=	\$5,300.00
Glaspell Lumber Co., Inc	\$0.00	X	4.00	=	\$0.00	\$0.00	X	2.00	=	\$0.00
Coastal Lumber Co.	\$1,500,000.00	X	4.00	=	\$60,000.00	\$2,000,000.00	X	2.00	=	\$40,000.00
Doddridge County Medical Center	\$559,000.00	X	4.00	=	\$22,400.00	\$225,000.00	X	2.00	=	\$4,500.00
Doddridge County Public Library	\$149,000.00	X	4.00	=	\$6,000.00	\$36,000.00	X	2.00	=	\$700.00
Banks VFD	\$350,000.00	X	4.00	=	\$14,000.00	\$750,000.00	X	2.00	=	\$15,000.00
Greenwood VFD		X	4.00	=	\$0.00		X	2.00	=	\$0.00
McClellan District VFD		X	4.00	=	\$0.00		X	2.00	=	\$0.00
Smithburg VFD	\$235,000.00	X	4.00	=	\$9,400.00	\$750,000.00	X	2.00	=	\$15,000.00
West Union VFD	\$350,000.00	X	4.00	=	\$14,000.00	\$1,000,000.00	X	2.00	=	\$20,000.00
State Police - West Union	\$1,500,000.00	X	4.00	=	\$60,000.00	\$30,000.00	X	2.00	=	\$600.00
U.S. Postal Office - West Union	\$202,400.00	X	4.00	=	\$8,100.00	\$10,000.00	X	2.00	=	\$200.00
U.S. Postal Office - Blandville		X	4.00	=	\$0.00		X	2.00	=	\$0.00
U.S. Postal Office - New Milton	\$52,800.00	X	4.00	=	\$2,100.00	\$4,000.00	X	2.00	=	\$100.00
U.S. Postal Office - Smithburg	\$70,400.00	X	4.00	=	\$2,800.00	\$3,200.00	X	2.00	=	\$100.00
Doddridge County Board of Education	\$2,159,499.00	X	4.00	=	\$86,400.00	\$40,000.00	X	2.00	=	\$800.00
Doddridge County Middle School	\$6,825,000.00	X	4.00	=	\$273,000.00	\$6,210,750.00	X	2.00	=	\$124,200.00
Doddridge County Elementary School	\$3,913,000.00	X	4.00	=	\$156,500.00	\$3,560,830.00	X	2.00	=	\$71,200.00
Doddridge County High School	\$6,530,797.00	X	4.00	=	\$261,200.00	\$5,943,025.27	X	2.00	=	\$118,900.00
W.Scott Stuart House		X	4.00	=	\$0.00		X	2.00	=	\$0.00
Krenn School		X	4.00	=	\$0.00		X	2.00	=	\$0.00
Gamsjager - Wysong Farm		X	4.00	=	\$0.00		X	2.00	=	\$0.00

Doddridge County Courthouse	\$1,000,000.00	X	4.00	=	\$40,000.00	\$400,000.00	X	2.00	=	\$8,000.00
Lathrop Russell Charter House		X	4.00	=	\$0.00		X	2.00	=	\$0.00
Center Point Covered Bridge	\$3,225,600.00	X	6.00	=	\$193,500.00		X	3.00	=	\$0.00
Doddridge County EMS	\$468,683.00	X	4.00	=	\$18,700.00	\$36,435.00	X	2.00	=	\$700.00
Center Point Library	\$44,500.00	X	6.00	=	\$2,700.00	\$3,000.00	X	3.00	=	\$100.00
West Union City Hall	\$166,320.00	X	4.00	=	\$6,700.00	\$60,000.00	X	2.00	=	\$1,200.00
Doddridge County Health Department	\$250,000.00	X	4.00	=	\$10,000.00	\$50,000.00	X	2.00	=	\$1,000.00
WVDOH (West Union) Main Building	\$316,370.00	X	4.00	=	\$12,700.00	\$50,000.00	X	2.00	=	\$1,000.00
WVDOH (West Union) Garage	\$193,330.00	X	4.00	=	\$7,700.00	\$100,000.00	X	2.00	=	\$2,000.00
North Central Regional Jail	\$28,000,000.00	X	4.00	=	\$1,120,000.00	\$1,500,000.00	X	2.00	=	\$30,000.00
West Union Wastewater Plant	\$295,036.00	X	4.00	=	\$11,800.00		X	2.00	=	\$0.00
West Union Water Treatment Plant	\$257,500.00	X	4.00	=	\$10,300.00	\$513,738.00	X	2.00	=	\$10,300.00
Family Resource Building	\$1,000,000.00	X	4.00	=	\$40,000.00	\$40,000.00	X	2.00	=	\$800.00
Old West Union ES		X	4.00	=	\$0.00		X	2.00	=	\$0.00
Malidus Sewage Plant		X	4.00	=	\$0.00		X	2.00	=	\$0.00
Waldo Run Sewage Plant		X	4.00	=	\$0.00		X	2.00	=	\$0.00
Doddridge County Commission	\$1,200,000.00	X	4.00	=	\$48,000.00	\$220,000.00	X	2.00	=	\$4,400.00
Doddridge County Park Building		X	4.00	=	\$0.00		X	2.00	=	\$0.00
West Point ES		X	4.00	=	\$0.00		X	2.00	=	\$0.00
Swiger Run Library		X	4.00	=	\$0.00		X	2.00	=	\$0.00
Lions Club		X	4.00	=	\$0.00		X	2.00	=	\$0.00
Manchin Building		X	4.00	=	\$0.00		X	2.00	=	\$0.00
Mountain State Academy	\$175,000.00	X	4.00	=	\$7,000.00	\$25,000.00	X	2.00	=	\$500.00
Doddridge County Senior Center	\$500,000.00	X	4.00	=	\$20,000.00	\$100,000.00	X	2.00	=	\$2,000.00
Smith School		X	4.00	=	\$0.00		X	2.00	=	\$0.00
West Union Museum	\$200,000.00	X	4.00	=	\$8,000.00	\$400,000.00	X	2.00	=	\$8,000.00
West Union Methodist Church		X	4.00	=	\$0.00		X	2.00	=	\$0.00
West Union Christian Church		X	4.00	=	\$0.00		X	2.00	=	\$0.00
South Fork Baptist Church		X	4.00	=	\$0.00		X	2.00	=	\$0.00
Maxwell-Farr Farm House		X	4.00	=	\$0.00		X	2.00	=	\$0.00

Farr Wallace House		X	4.00	=	\$0.00		X	2.00	=	\$0.00
Doak House		X	4.00	=	\$0.00		X	2.00	=	\$0.00
Buckeye Water District	\$5,000,000.00	X	4.00	=	\$200,000.00	\$1,500,000.00	X	2.00	=	\$30,000.00
Upper Buckeye Community Building		X	4.00	=	\$0.00		X	2.00	=	\$0.00
Doddridge County Solid Waste Authority	\$55,800.00	X	4.00	=	\$2,200.00	\$48,000.00	X	2.00	=	\$1,000.00
					\$2,756,600.00					
						\$517,600.00				

Structure Use and Function Loss (Task A.3.)										
Name/Description of Structure	Average Daily Operating Budget (Step 3) (\$)	X	Functional Downtime (Step 4) (# of days)	+	Displacement Cost per Day (Step 3) (\$)	X	Dplacementnt Time (Step 4) (\$)	=	Structue Use & Function Loss (\$)	Structure Loss + Content Loss + Function Loss (\$)
Roads	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Bridges	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Residential	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$26,700.00
Glaspell Lumber Co., Inc	\$0.00	X	1	+	\$0.00	X	0	=	\$0.00	\$0.00
Coastal Lumber Co.	\$4,240.64	X	1	+	\$4,240.64	X	0	=	\$4,240.00	\$104,240.00
Doddridge County Medical Center	\$2,500.00	X	1	+	\$2,500.00	X	0	=	\$2,500.00	\$29,400.00
Doddridge County Public Library	\$370.18	X	1	+	\$370.18	X	0	=	\$370.00	\$7,070.00
Banks VFD	\$273.97	X	1	+	\$273.97	X	0	=	\$270.00	\$29,270.00
Greenwood VFD	\$0.00	X	1	+	\$0.00	X	0	=	\$0.00	\$0.00
McClellan District VFD	\$0.00	X	1	+	\$0.00	X	0	=	\$0.00	\$0.00
Smithburg VFD	\$136.99	X	1	+	\$136.99	X	0	=	\$140.00	\$24,540.00
West Union VFD	\$205.48	X	1	+	\$205.48	X	0	=	\$210.00	\$34,210.00
State Police - West Union	\$1,298.63	X	1	+	\$1,298.63	X	0	=	\$1,300.00	\$61,900.00
U.S. Postal Office - West Union	\$342.47	X	1	+	\$342.47	X	0	=	\$340.00	\$8,640.00
U.S. Postal Office - Blandville	\$0.00	X	1	+	\$0.00	X	0	=	\$0.00	\$0.00
U.S. Postal Office - New Milton	\$232.88	X	1	+	\$232.88	X	0	=	\$230.00	\$2,430.00
U.S. Postal Office - Smithburg	\$164.38	X	1	+	\$164.38	X	0	=	\$160.00	\$3,060.00
Doddridge County Board of Education	\$26,849.32	X	1	+	\$26,849.32	X	0	=	\$26,850.00	\$114,050.00
Doddridge County Middle School	\$5,369.86	X	1	+	\$5,369.86	X	0	=	\$5,370.00	\$402,570.00
Doddridge County Elementary School	\$6,561.64	X	1	+	\$6,561.64	X	0	=	\$6,560.00	\$234,260.00
Doddridge County High School	\$5,150.68	X	1	+	\$5,150.68	X	0	=	\$5,150.00	\$385,250.00
W.Scott Stuart House	\$0.00	X	1	+	\$0.00	X	0	=	\$0.00	\$0.00
Krenn School	\$0.00	X	1	+	\$0.00	X	0	=	\$0.00	\$0.00

Gamsjager - Wysong Farm	\$0.00	X	1	+	\$0.00	X	0	=	\$0.00	\$0.00
Doddridge County Courthouse	\$4,827.61	X	1	+	\$4,827.61	X	0	=	\$4,830.00	\$52,830.00
Lathrop Russell Charter House	\$0.00	X	1	+	\$0.00	X	0	=	\$0.00	\$0.00
Center Point Covered Bridge	\$0.00	X	1	+	\$0.00	X	0	=	\$0.00	\$193,500.00
Doddridge County EMS	\$520.55	X	1	+	\$520.55	X	0	=	\$520.00	\$19,920.00
Center Point Library	\$0.00	X	1	+	\$0.00	X	0	=	\$0.00	\$2,800.00
West Union City Hall	\$136.99	X	1	+	\$136.99	X	0	=	\$140.00	\$8,040.00
Doddridge County Health Department	\$1,232.88	X	1	+	\$1,232.88	X	0	=	\$1,230.00	\$12,230.00
WVDOH (West Union) Main Building	\$5,778.08	X	1	+	\$5,778.08	X	0	=	\$5,780.00	\$19,480.00
WVDOH (West Union) Garage	\$0.00	X	1	+	\$0.00	X	0	=	\$0.00	\$9,700.00
North Central Regional Jail	\$0.00	X	1	+	\$0.00	X	0	=	\$0.00	\$1,150,000.00
West Union Wastewater Plant	\$0.00	X	1	+	\$0.00	X	0	=	\$0.00	\$11,800.00
West Union Water Treatment Plant	\$0.00	X	1	+	\$0.00	X	0	=	\$0.00	\$20,600.00
Family Resource Building	\$197.26	X	1	+	\$197.26	X	0	=	\$200.00	\$41,000.00
Old West Union ES	\$0.00	X	1	+	\$0.00	X	0	=	\$0.00	\$0.00
Malidus Sewage Plant	\$0.00	X	1	+	\$0.00	X	0	=	\$0.00	\$0.00
Waldo Run Sewage Plant	\$0.00	X	1	+	\$0.00	X	0	=	\$0.00	\$0.00
Doddridge County Commission	\$151.56	X	1	+	\$151.56	X	0	=	\$150.00	\$52,550.00
Doddridge County Park Building	\$0.00	X	1	+	\$0.00	X	0	=	\$0.00	\$0.00
West Point ES	\$0.00	X	1	+	\$0.00	X	0	=	\$0.00	\$0.00
Swiger Run Library	\$0.00	X	1	+	\$0.00	X	0	=	\$0.00	\$0.00
Lions Club	\$0.00	X	1	+	\$0.00	X	0	=	\$0.00	\$0.00
Manchin Building	\$0.00	X	1	+	\$0.00	X	0	=	\$0.00	\$0.00
Mountain State Academy	\$0.00	X	1	+	\$0.00	X	0	=	\$0.00	\$7,500.00
Doddridge County Senior Center	\$4,657.53	X	1	+	\$4,657.53	X	0	=	\$4,660.00	\$26,660.00
Smith School	\$0.00	X	1	+	\$0.00	X	0	=	\$0.00	\$0.00
West Union Museum	\$0.00	X	1	+	\$0.00	X	0	=	\$0.00	\$16,000.00

West Union Methodist Church	\$0.00	X	1	+	\$0.00	X	0	=	\$0.00	\$0.00
West Union Christian Church	\$0.00	X	1	+	\$0.00	X	0	=	\$0.00	\$0.00
South Fork Baptist Church	\$0.00	X	1	+	\$0.00	X	0	=	\$0.00	\$0.00
Maxwell-Farr Farm House	\$0.00	X	1	+	\$0.00	X	0	=	\$0.00	\$0.00
Farr Wallace House	\$0.00	X	1	+	\$0.00	X	0	=	\$0.00	\$0.00
Doak House	\$0.00	X	1	+	\$0.00	X	0	=	\$0.00	\$0.00
Buckeye Water District	\$1,095.89	X	1	+	\$1,095.89	X	0	=	\$1,100.00	\$231,100.00
Upper Buckeye Community Building	\$0.00	X	1	+	\$0.00	X	0	=	\$0.00	\$0.00
Doddridge County Solid Waste Authority	\$276.71	X	1	+	\$276.71	X	0	=	\$280.00	\$3,480.00
									<b>\$72,580.00</b>	<b>\$3,346,780.00</b>

**Hazard: Hailstorm**

Structure Loss (Task A.1.)					Contents of Loss (Task A.2.)					
Name/Description of Structure	Structure Replacement Value (Step 3) (\$)	X	Percent Damage (Step 4) (%)	=	Loss to Structure (\$)	Replacement Value of Contents (Step 3) (\$)	X	Percent Damage (step 4) (%)	=	Loss to Contents (\$)
Roads	\$9,530,400,000.00	X	0.00	=	\$0.00	\$0.00	X	0.00	=	\$0.00
Bridges	\$234,639,800.00	X	0.00	=	\$0.00	\$0.00	X	0.00	=	\$0.00
Residential	\$213,750,000.00	X	0.10	=	\$213,800.00	\$106,875,000.00	X	0.05	=	\$53,400.00
Glaspell Lumber Co., Inc	\$0.00	X	0.10	=	\$0.00	\$0.00	X	0.05	=	\$0.00
Coastal Lumber Co.	\$1,500,000.00	X	0.10	=	\$1,500.00	\$2,000,000.00	X	0.05	=	\$1,000.00
Doddridge County Medical Center	\$559,000.00	X	0.10	=	\$600.00	\$225,000.00	X	0.05	=	\$100.00
Doddridge County Public Library	\$149,000.00	X	0.10	=	\$100.00	\$36,000.00	X	0.05	=	\$0.00
Banks VFD	\$350,000.00	X	0.10	=	\$400.00	\$750,000.00	X	0.05	=	\$400.00
Greenwood VFD		X	0.10	=	\$0.00		X	0.05	=	\$0.00
McClellan District VFD		X	0.10	=	\$0.00		X	0.05	=	\$0.00
Smithburg VFD	\$235,000.00	X	0.10	=	\$200.00	\$750,000.00	X	0.05	=	\$400.00
West Union VFD	\$350,000.00	X	0.10	=	\$400.00	\$1,000,000.00	X	0.05	=	\$500.00
State Police - West Union	\$1,500,000.00	X	0.10	=	\$1,500.00	\$30,000.00	X	0.05	=	\$0.00
U.S. Postal Office - West Union	\$202,400.00	X	0.10	=	\$200.00	\$10,000.00	X	0.05	=	\$0.00
U.S. Postal Office - Blandville		X	0.10	=	\$0.00		X	0.05	=	\$0.00
U.S. Postal Office - New Milton	\$52,800.00	X	0.10	=	\$100.00	\$4,000.00	X	0.05	=	\$0.00
U.S. Postal Office - Smithburg	\$70,400.00	X	0.10	=	\$100.00	\$3,200.00	X	0.05	=	\$0.00
Doddridge County Board of Education	\$2,159,499.00	X	0.10	=	\$2,200.00	\$40,000.00	X	0.05	=	\$0.00
Doddridge County Middle School	\$6,825,000.00	X	0.10	=	\$6,800.00	\$6,210,750.00	X	0.05	=	\$3,100.00
Doddridge County Elementary School	\$3,913,000.00	X	0.10	=	\$3,900.00	\$3,560,830.00	X	0.05	=	\$1,800.00
Doddridge County High School	\$6,530,797.00	X	0.10	=	\$6,500.00	\$5,943,025.27	X	0.05	=	\$3,000.00
W.Scott Stuart House		X	0.10	=	\$0.00		X	0.05	=	\$0.00
Krenn School		X	0.10	=	\$0.00		X	0.05	=	\$0.00
Gamsjager - Wysong Farm		X	0.10	=	\$0.00		X	0.05	=	\$0.00

Doddridge County Courthouse	\$1,000,000.00	X	0.10	=	\$1,000.00	\$400,000.00	X	0.05	=	\$200.00
Lathrop Russell Charter House		X	0.10	=	\$0.00		X	0.05	=	\$0.00
Center Point Covered Bridge	\$3,225,600.00	X	0.10	=	\$3,200.00		X	0.05	=	\$0.00
Doddridge County EMS	\$468,683.00	X	0.10	=	\$500.00	\$36,435.00	X	0.05	=	\$0.00
Center Point Library	\$44,500.00	X	0.10	=	\$0.00	\$3,000.00	X	0.05	=	\$0.00
West Union City Hall	\$166,320.00	X	0.10	=	\$200.00	\$60,000.00	X	0.05	=	\$0.00
Doddridge County Health Department	\$250,000.00	X	0.10	=	\$300.00	\$50,000.00	X	0.05	=	\$0.00
WVDOH (West Union) Main Building	\$316,370.00	X	0.10	=	\$300.00	\$50,000.00	X	0.05	=	\$0.00
WVDOH (West Union) Garage	\$193,330.00	X	0.10	=	\$200.00	\$100,000.00	X	0.05	=	\$100.00
North Central Regional Jail	\$28,000,000.00	X	0.10	=	\$28,000.00	\$1,500,000.00	X	0.05	=	\$800.00
West Union Wastewater Plant	\$295,036.00	X	0.10	=	\$300.00		X	0.05	=	\$0.00
West Union Water Treatment Plant	\$257,500.00	X	0.10	=	\$300.00	\$513,738.00	X	0.05	=	\$300.00
Family Resource Building	\$1,000,000.00	X	0.10	=	\$1,000.00	\$40,000.00	X	0.05	=	\$0.00
Old West Union ES		X	0.10	=	\$0.00		X	0.05	=	\$0.00
Maldus Sewage Plant		X	0.10	=	\$0.00		X	0.05	=	\$0.00
Waldo Run Sewage Plant		X	0.10	=	\$0.00		X	0.05	=	\$0.00
Doddridge County Commission	\$1,200,000.00	X	0.10	=	\$1,200.00	\$220,000.00	X	0.05	=	\$100.00
Doddridge County Park Building		X	0.10	=	\$0.00		X	0.05	=	\$0.00
West Point ES		X	0.10	=	\$0.00		X	0.05	=	\$0.00
Swiger Run Library		X	0.10	=	\$0.00		X	0.05	=	\$0.00
Lions Club		X	0.10	=	\$0.00		X	0.05	=	\$0.00
Manchin Building		X	0.10	=	\$0.00		X	0.05	=	\$0.00
Mountain State Academy	\$175,000.00	X	0.10	=	\$200.00	\$25,000.00	X	0.05	=	\$0.00
Doddridge County Senior Center	\$500,000.00	X	0.10	=	\$500.00	\$100,000.00	X	0.05	=	\$100.00
Smith School		X	0.10	=	\$0.00		X	0.05	=	\$0.00
West Union Museum	\$200,000.00	X	0.10	=	\$200.00	\$400,000.00	X	0.05	=	\$200.00
West Union Methodist Church		X	0.10	=	\$0.00		X	0.05	=	\$0.00
West Union Christian Church		X	0.10	=	\$0.00		X	0.05	=	\$0.00
South Fork Baptist Church		X	0.10	=	\$0.00		X	0.05	=	\$0.00
Maxwell-Farr Farm House		X	0.10	=	\$0.00		X	0.05	=	\$0.00

Farr Wallace House		X	0.10	=	\$0.00		X	0.05	=	\$0.00	
Doak House		X	0.10	=	\$0.00		X	0.05	=	\$0.00	
Buckeye Water District	\$5,000,000.00	X	0.10	=	\$5,000.00	\$1,500,000.00	X	0.05	=	\$800.00	
Upper Buckeye Community Building		X	0.10	=	\$0.00		X	0.05	=	\$0.00	
Doddridge County Solid Waste Authority	\$55,800.00	X	0.10	=	\$100.00	\$48,000.00	X	0.05	=	\$0.00	
					<b>\$280,800.00</b>						<b>\$66,300.00</b>

Structure Use and Function Loss (Task A.3.)										
Name/Description of Structure	Average Daily Operating Budget (Step 3) (\$)	X	Functional Downtime (Step 4) (# of days)	+	Displacement Cost per Day (Step 3) (\$)	X	Dplacementnt Time (Step 4) (\$)	=	Structue Use & Function Loss (\$)	Structure Loss + Content Loss + Function Loss (\$)
Roads	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Bridges	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Residential	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$267,200.00
Glaspell Lumber Co., Inc	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Coastal Lumber Co.	\$4,240.64	X	0	+	\$4,240.64	X	0	=	\$0.00	\$2,500.00
Doddridge County Medical Center	\$2,500.00	X	0	+	\$2,500.00	X	0	=	\$0.00	\$700.00
Doddridge County Public Library	\$370.18	X	0	+	\$370.18	X	0	=	\$0.00	\$100.00
Banks VFD	\$273.97	X	0	+	\$273.97	X	0	=	\$0.00	\$800.00
Greenwood VFD	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
McClellan District VFD	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Smithburg VFD	\$136.99	X	0	+	\$136.99	X	0	=	\$0.00	\$600.00
West Union VFD	\$205.48	X	0	+	\$205.48	X	0	=	\$0.00	\$900.00
State Police - West Union	\$1,298.63	X	0	+	\$1,298.63	X	0	=	\$0.00	\$1,500.00
U.S. Postal Office - West Union	\$342.47	X	0	+	\$342.47	X	0	=	\$0.00	\$200.00
U.S. Postal Office - Blandville	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
U.S. Postal Office - New Milton	\$232.88	X	0	+	\$232.88	X	0	=	\$0.00	\$100.00
U.S. Postal Office - Smithburg	\$164.38	X	0	+	\$164.38	X	0	=	\$0.00	\$100.00
Doddridge County Board of Education	\$26,849.32	X	0	+	\$26,849.32	X	0	=	\$0.00	\$2,200.00
Doddridge County Middle School	\$5,369.86	X	0	+	\$5,369.86	X	0	=	\$0.00	\$9,900.00
Doddridge County Elementary School	\$6,561.64	X	0	+	\$6,561.64	X	0	=	\$0.00	\$5,700.00
Doddridge County High School	\$5,150.68	X	0	+	\$5,150.68	X	0	=	\$0.00	\$9,500.00
W.Scott Stuart House	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Krenn School	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00

Gamsjager - Wysong Farm	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Doddridge County Courthouse	\$4,827.61	X	0	+	\$4,827.61	X	0	=	\$0.00	\$1,200.00
Lathrop Russell Charter House	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Center Point Covered Bridge	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$3,200.00
Doddridge County EMS	\$520.55	X	0	+	\$520.55	X	0	=	\$0.00	\$500.00
Center Point Library	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
West Union City Hall	\$136.99	X	0	+	\$136.99	X	0	=	\$0.00	\$200.00
Doddridge County Health Department	\$1,232.88	X	0	+	\$1,232.88	X	0	=	\$0.00	\$300.00
WVDOH (West Union) Main Building	\$5,778.08	X	0	+	\$5,778.08	X	0	=	\$0.00	\$300.00
WVDOH (West Union) Garage	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$300.00
North Central Regional Jail	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$28,800.00
West Union Wastewater Plant	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$300.00
West Union Water Treatment Plant	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$600.00
Family Resource Building	\$197.26	X	0	+	\$197.26	X	0	=	\$0.00	\$1,000.00
Old West Union ES	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Malidus Sewage Plant	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Waldo Run Sewage Plant	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Doddridge County Commission	\$151.56	X	0	+	\$151.56	X	0	=	\$0.00	\$1,300.00
Doddridge County Park Building	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
West Point ES	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Swiger Run Library	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Lions Club	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Manchin Building	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Mountain State Academy	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$200.00
Doddridge County Senior Center	\$4,657.53	X	0	+	\$4,657.53	X	0	=	\$0.00	\$600.00
Smith School	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
West Union Museum	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$400.00

West Union Methodist Church	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
West Union Christian Church	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
South Fork Baptist Church	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Maxwell-Farr Farm House	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Farr Wallace House	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Doak House	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Buckeye Water District	\$1,095.89	X	0	+	\$1,095.89	X	0	=	\$0.00	\$5,800.00
Upper Buckeye Community Building	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Doddridge County Solid Waste Authority	\$276.71	X	0	+	\$276.71	X	0	=	\$0.00	\$100.00
									\$0.00	\$347,100.00

**Hazard: Flooding**

Structure Loss (Task A.1.)					Contents of Loss (Task A.2.)					
Name/Description of Structure	Structure Replacement Value (Step 3) (\$)	X	Percent Damage (Step 4) (%)	=	Loss to Structure (\$)	Replacement Value of Contents (Step 3) (\$)	X	Percent Damage (step 4) (%)	=	Loss to Contents (\$)
Roads	\$9,530,400,000.00	X	0.01	=	\$953,000.00	\$0.00	X	0.01	=	\$0.00
Bridges	\$234,639,800.00	X	0.10	=	\$234,600.00	\$0.00	X	0.05	=	\$0.00
Residential	\$213,750,000.00	X	1.00	=	\$2,137,500.00	\$106,875,000.00	X	0.50	=	\$534,400.00
Glaspell Lumber Co., Inc	\$0.00	X	4.00	=	\$0.00	\$0.00	X	2.00	=	\$0.00
Coastal Lumber Co.	\$1,500,000.00	X	4.00	=	\$60,000.00	\$2,000,000.00	X	2.00	=	\$40,000.00
Doddridge County Medical Center	\$559,000.00	X	4.00	=	\$22,400.00	\$225,000.00	X	2.00	=	\$4,500.00
Doddridge County Public Library	\$149,000.00	X	4.00	=	\$6,000.00	\$36,000.00	X	2.00	=	\$700.00
Banks VFD	\$350,000.00	X	4.00	=	\$14,000.00	\$750,000.00	X	2.00	=	\$15,000.00
Greenwood VFD		X	4.00	=	\$0.00		X	2.00	=	\$0.00
McClellan District VFD		X	4.00	=	\$0.00		X	2.00	=	\$0.00
Smithburg VFD	\$235,000.00	X	4.00	=	\$9,400.00	\$750,000.00	X	2.00	=	\$15,000.00
West Union VFD	\$350,000.00	X	4.00	=	\$14,000.00	\$1,000,000.00	X	2.00	=	\$20,000.00
State Police - West Union	\$1,500,000.00	X	4.00	=	\$60,000.00	\$30,000.00	X	2.00	=	\$600.00
U.S. Postal Office - West Union	\$202,400.00	X	4.00	=	\$8,100.00	\$10,000.00	X	2.00	=	\$200.00
U.S. Postal Office - Blandville		X	4.00	=	\$0.00		X	2.00	=	\$0.00
U.S. Postal Office - New Milton	\$52,800.00	X	4.00	=	\$2,100.00	\$4,000.00	X	2.00	=	\$100.00
U.S. Postal Office - Smithburg	\$70,400.00	X	4.00	=	\$2,800.00	\$3,200.00	X	2.00	=	\$100.00
Doddridge County Board of Education	\$2,159,499.00	X	4.00	=	\$86,400.00	\$40,000.00	X	2.00	=	\$800.00
Doddridge County Middle School	\$6,825,000.00	X	4.00	=	\$273,000.00	\$6,210,750.00	X	2.00	=	\$124,200.00
Doddridge County Elementary School	\$3,913,000.00	X	4.00	=	\$156,500.00	\$3,560,830.00	X	2.00	=	\$71,200.00
Doddridge County High School	\$6,530,797.00	X	4.00	=	\$261,200.00	\$5,943,025.27	X	2.00	=	\$118,900.00
W.Scott Stuart House		X	4.00	=	\$0.00		X	2.00	=	\$0.00
Krenn School		X	4.00	=	\$0.00		X	2.00	=	\$0.00
Gamsjager - Wysong Farm		X	4.00	=	\$0.00		X	2.00	=	\$0.00

Doddridge County Courthouse	\$1,000,000.00	X	4.00	=	\$40,000.00	\$400,000.00	X	2.00	=	\$8,000.00
Lathrop Russell Charter House		X	4.00	=	\$0.00		X	2.00	=	\$0.00
Center Point Covered Bridge	\$3,225,600.00	X	4.00	=	\$129,000.00		X	2.00	=	\$0.00
Doddridge County EMS	\$468,683.00	X	4.00	=	\$18,700.00	\$36,435.00	X	2.00	=	\$700.00
Center Point Library	\$44,500.00	X	4.00	=	\$1,800.00	\$3,000.00	X	2.00	=	\$100.00
West Union City Hall	\$166,320.00	X	4.00	=	\$6,700.00	\$60,000.00	X	2.00	=	\$1,200.00
Doddridge County Health Department	\$250,000.00	X	4.00	=	\$10,000.00	\$50,000.00	X	2.00	=	\$1,000.00
WVDOH (West Union) Main Building	\$316,370.00	X	4.00	=	\$12,700.00	\$50,000.00	X	2.00	=	\$1,000.00
WVDOH (West Union) Garage	\$193,330.00	X	4.00	=	\$7,700.00	\$100,000.00	X	2.00	=	\$2,000.00
North Central Regional Jail	\$28,000,000.00	X	4.00	=	\$1,120,000.00	\$1,500,000.00	X	2.00	=	\$30,000.00
West Union Wastewater Plant	\$295,036.00	X	4.00	=	\$11,800.00		X	2.00	=	\$0.00
West Union Water Treatment Plant	\$257,500.00	X	4.00	=	\$10,300.00	\$513,738.00	X	2.00	=	\$10,300.00
Family Resource Building	\$1,000,000.00	X	4.00	=	\$40,000.00	\$40,000.00	X	2.00	=	\$800.00
Old West Union ES		X	4.00	=	\$0.00		X	2.00	=	\$0.00
Malidus Sewage Plant		X	4.00	=	\$0.00		X	2.00	=	\$0.00
Waldo Run Sewage Plant		X	4.00	=	\$0.00		X	2.00	=	\$0.00
Doddridge County Commission	\$1,200,000.00	X	4.00	=	\$48,000.00	\$220,000.00	X	2.00	=	\$4,400.00
Doddridge County Park Building		X	4.00	=	\$0.00		X	2.00	=	\$0.00
West Point ES		X	4.00	=	\$0.00		X	2.00	=	\$0.00
Swiger Run Library		X	4.00	=	\$0.00		X	2.00	=	\$0.00
Lions Club		X	4.00	=	\$0.00		X	2.00	=	\$0.00
Manchin Building		X	4.00	=	\$0.00		X	2.00	=	\$0.00
Mountain State Academy	\$175,000.00	X	4.00	=	\$7,000.00	\$25,000.00	X	2.00	=	\$500.00
Doddridge County Senior Center	\$500,000.00	X	4.00	=	\$20,000.00	\$100,000.00	X	2.00	=	\$2,000.00
Smith School		X	4.00	=	\$0.00		X	2.00	=	\$0.00
West Union Museum	\$200,000.00	X	4.00	=	\$8,000.00	\$400,000.00	X	2.00	=	\$8,000.00
West Union Methodist Church		X	4.00	=	\$0.00		X	2.00	=	\$0.00
West Union Christian Church		X	4.00	=	\$0.00		X	2.00	=	\$0.00
South Fork Baptist Church		X	4.00	=	\$0.00		X	2.00	=	\$0.00
Maxwell-Farr Farm House		X	4.00	=	\$0.00		X	2.00	=	\$0.00

Farr Wallace House		X	4.00	=	\$0.00		X	2.00	=	\$0.00	
Doak House		X	4.00	=	\$0.00		X	2.00	=	\$0.00	
Buckeye Water District	\$5,000,000.00	X	4.00	=	\$200,000.00	\$1,500,000.00	X	2.00	=	\$30,000.00	
Upper Buckeye Community Building		X	4.00	=	\$0.00		X	2.00	=	\$0.00	
Doddridge County Solid Waste Authority	\$55,800.00	X	4.00	=	\$2,200.00	\$48,000.00	X	2.00	=	\$1,000.00	
<b>Total Loss to Structure</b>					<b>\$5,994,900.00</b>	<b>Total Loss to Contents</b>					<b>\$1,046,700.00</b>

Structure Use and Function Loss (Task A.3.)										
Name/Description of Structure	Average Daily Operating Budget (Step 3) (\$)	X	Functional Downtime (Step 4) (# of days)	+	Displacement Cost per Day (Step 3) (\$)	X	Dplacementnt Time (Step 4) (\$)	=	Structue Use & Function Loss (\$)	Structure Loss + Content Loss + Function Loss (\$)
Roads	\$0.00	X	1	+	\$0.00	X	0	=	\$0.00	\$953,000.00
Bridges	\$0.00	X	1	+	\$0.00	X	0	=	\$0.00	\$234,600.00
Residential	\$0.00	X	1	+	\$0.00	X	0	=	\$0.00	\$2,671,900.00
Glaspell Lumber Co., Inc	\$0.00	X	1	+	\$0.00	X	0	=	\$0.00	\$0.00
Coastal Lumber Co.	\$4,240.64	X	1	+	\$4,240.64	X	0	=	\$4,240.00	\$104,240.00
Doddridge County Medical Center	\$2,500.00	X	1	+	\$2,500.00	X	0	=	\$2,500.00	\$29,400.00
Doddridge County Public Library	\$370.18	X	1	+	\$370.18	X	0	=	\$370.00	\$7,070.00
Banks VFD	\$273.97	X	1	+	\$273.97	X	0	=	\$270.00	\$29,270.00
Greenwood VFD	\$0.00	X	1	+	\$0.00	X	0	=	\$0.00	\$0.00
McClellan District VFD	\$0.00	X	1	+	\$0.00	X	0	=	\$0.00	\$0.00
Smithburg VFD	\$136.99	X	1	+	\$136.99	X	0	=	\$140.00	\$24,540.00
West Union VFD	\$205.48	X	1	+	\$205.48	X	0	=	\$210.00	\$34,210.00
State Police - West Union	\$1,298.63	X	1	+	\$1,298.63	X	0	=	\$1,300.00	\$61,900.00
U.S. Postal Office - West Union	\$342.47	X	1	+	\$342.47	X	0	=	\$340.00	\$8,640.00
U.S. Postal Office - Blandville	\$0.00	X	1	+	\$0.00	X	0	=	\$0.00	\$0.00
U.S. Postal Office - New Milton	\$232.88	X	1	+	\$232.88	X	0	=	\$230.00	\$2,430.00
U.S. Postal Office - Smithburg	\$164.38	X	1	+	\$164.38	X	0	=	\$160.00	\$3,060.00
Doddridge County Board of Education	\$26,849.32	X	1	+	\$26,849.32	X	0	=	\$26,850.00	\$114,050.00
Doddridge County Middle School	\$5,369.86	X	1	+	\$5,369.86	X	0	=	\$5,370.00	\$402,570.00
Doddridge County Elementary School	\$6,561.64	X	1	+	\$6,561.64	X	0	=	\$6,560.00	\$234,260.00
Doddridge County High School	\$5,150.68	X	1	+	\$5,150.68	X	0	=	\$5,150.00	\$385,250.00
W.Scott Stuart House	\$0.00	X	1	+	\$0.00	X	0	=	\$0.00	\$0.00
Krenn School	\$0.00	X	1	+	\$0.00	X	0	=	\$0.00	\$0.00

Gamsjager - Wysong Farm	\$0.00	X	1	+	\$0.00	X	0	=	\$0.00	\$0.00
Doddridge County Courthouse	\$4,827.61	X	1	+	\$4,827.61	X	0	=	\$4,830.00	\$52,830.00
Lathrop Russell Charter House	\$0.00	X	1	+	\$0.00	X	0	=	\$0.00	\$0.00
Center Point Covered Bridge	\$0.00	X	1	+	\$0.00	X	0	=	\$0.00	\$129,000.00
Doddridge County EMS	\$520.55	X	1	+	\$520.55	X	0	=	\$520.00	\$19,920.00
Center Point Library	\$0.00	X	1	+	\$0.00	X	0	=	\$0.00	\$1,900.00
West Union City Hall	\$136.99	X	1	+	\$136.99	X	0	=	\$140.00	\$8,040.00
Doddridge County Health Department	\$1,232.88	X	1	+	\$1,232.88	X	0	=	\$1,230.00	\$12,230.00
WVDOH (West Union) Main Building	\$5,778.08	X	1	+	\$5,778.08	X	0	=	\$5,780.00	\$19,480.00
WVDOH (West Union) Garage	\$0.00	X	1	+	\$0.00	X	0	=	\$0.00	\$9,700.00
North Central Regional Jail	\$0.00	X	1	+	\$0.00	X	0	=	\$0.00	\$1,150,000.00
West Union Wastewater Plant	\$0.00	X	1	+	\$0.00	X	0	=	\$0.00	\$11,800.00
West Union Water Treatment Plant	\$0.00	X	1	+	\$0.00	X	0	=	\$0.00	\$20,600.00
Family Resource Building	\$197.26	X	1	+	\$197.26	X	0	=	\$200.00	\$41,000.00
Old West Union ES	\$0.00	X	1	+	\$0.00	X	0	=	\$0.00	\$0.00
Malidus Sewage Plant	\$0.00	X	1	+	\$0.00	X	0	=	\$0.00	\$0.00
Waldo Run Sewage Plant	\$0.00	X	1	+	\$0.00	X	0	=	\$0.00	\$0.00
Doddridge County Commission	\$151.56	X	1	+	\$151.56	X	0	=	\$150.00	\$52,550.00
Doddridge County Park Building	\$0.00	X	1	+	\$0.00	X	0	=	\$0.00	\$0.00
West Point ES	\$0.00	X	1	+	\$0.00	X	0	=	\$0.00	\$0.00
Swiger Run Library	\$0.00	X	1	+	\$0.00	X	0	=	\$0.00	\$0.00
Lions Club	\$0.00	X	1	+	\$0.00	X	0	=	\$0.00	\$0.00
Manchin Building	\$0.00	X	1	+	\$0.00	X	0	=	\$0.00	\$0.00
Mountain State Academy	\$0.00	X	1	+	\$0.00	X	0	=	\$0.00	\$7,500.00
Doddridge County Senior Center	\$4,657.53	X	1	+	\$4,657.53	X	0	=	\$4,660.00	\$26,660.00
Smith School	\$0.00	X	1	+	\$0.00	X	0	=	\$0.00	\$0.00
West Union Museum	\$0.00	X	1	+	\$0.00	X	0	=	\$0.00	\$16,000.00

West Union Methodist Church	\$0.00	X	1	+	\$0.00	X	0	=	\$0.00	\$0.00
West Union Christian Church	\$0.00	X	1	+	\$0.00	X	0	=	\$0.00	\$0.00
South Fork Baptist Church	\$0.00	X	1	+	\$0.00	X	0	=	\$0.00	\$0.00
Maxwell-Farr Farm House	\$0.00	X	1	+	\$0.00	X	0	=	\$0.00	\$0.00
Farr Wallace House	\$0.00	X	1	+	\$0.00	X	0	=	\$0.00	\$0.00
Doak House	\$0.00	X	1	+	\$0.00	X	0	=	\$0.00	\$0.00
Buckeye Water District	\$1,095.89	X	1	+	\$1,095.89	X	0	=	\$1,100.00	\$231,100.00
Upper Buckeye Community Building	\$0.00	X	1	+	\$0.00	X	0	=	\$0.00	\$0.00
Doddridge County Solid Waste Authority	\$276.71	X	1	+	\$276.71	X	0	=	\$280.00	\$3,480.00
<b>Total Loss to Structure Use &amp; Function</b>									<b>\$72,580.00</b>	<b>\$7,114,180.00</b>

**Hazard: Earthquake**

Structure Loss (Task A.1.)					Contents of Loss (Task A.2.)					
Name/Description of Structure	Structure Replacement Value (Step 3) (\$)	X	Percent Damage (Step 4) (%)	=	Loss to Structure (\$)	Replacement Value of Contents (Step 3) (\$)	X	Percent Damage (step 4) (%)	=	Loss to Contents (\$)
Roads	\$9,530,400,000.00	X	0.01	=	\$953,000.00	\$0.00	X	0.01	=	\$0.00
Bridges	\$234,639,800.00	X	0.01	=	\$23,500.00	\$0.00	X	0.01	=	\$0.00
Residential	\$213,750,000.00	X	0.10	=	\$213,800.00	\$106,875,000.00	X	0.05	=	\$53,400.00
Glaspell Lumber Co., Inc	\$0.00	X	2.00	=	\$0.00	\$0.00	X	1.00	=	\$0.00
Coastal Lumber Co.	\$1,500,000.00	X	2.00	=	\$30,000.00	\$2,000,000.00	X	1.00	=	\$20,000.00
Doddridge County Medical Center	\$559,000.00	X	2.00	=	\$11,200.00	\$225,000.00	X	1.00	=	\$2,300.00
Doddridge County Public Library	\$149,000.00	X	2.00	=	\$3,000.00	\$36,000.00	X	1.00	=	\$400.00
Banks VFD	\$350,000.00	X	2.00	=	\$7,000.00	\$750,000.00	X	1.00	=	\$7,500.00
Greenwood VFD		X	2.00	=	\$0.00		X	1.00	=	\$0.00
McClellan District VFD		X	2.00	=	\$0.00		X	1.00	=	\$0.00
Smithburg VFD	\$235,000.00	X	2.00	=	\$4,700.00	\$750,000.00	X	1.00	=	\$7,500.00
West Union VFD	\$350,000.00	X	2.00	=	\$7,000.00	\$1,000,000.00	X	1.00	=	\$10,000.00
State Police - West Union	\$1,500,000.00	X	2.00	=	\$30,000.00	\$30,000.00	X	1.00	=	\$300.00
U.S. Postal Office - West Union	\$202,400.00	X	2.00	=	\$4,000.00	\$10,000.00	X	1.00	=	\$100.00
U.S. Postal Office - Blandville		X	2.00	=	\$0.00		X	1.00	=	\$0.00
U.S. Postal Office - New Milton	\$52,800.00	X	2.00	=	\$1,100.00	\$4,000.00	X	1.00	=	\$0.00
U.S. Postal Office - Smithburg	\$70,400.00	X	2.00	=	\$1,400.00	\$3,200.00	X	1.00	=	\$0.00
Doddridge County Board of Education	\$2,159,499.00	X	2.00	=	\$43,200.00	\$40,000.00	X	1.00	=	\$400.00
Doddridge County Middle School	\$6,825,000.00	X	2.00	=	\$136,500.00	\$6,210,750.00	X	1.00	=	\$62,100.00
Doddridge County Elementary School	\$3,913,000.00	X	2.00	=	\$78,300.00	\$3,560,830.00	X	1.00	=	\$35,600.00
Doddridge County High School	\$6,530,797.00	X	2.00	=	\$130,600.00	\$5,943,025.27	X	1.00	=	\$59,400.00
W.Scott Stuart House		X	2.00	=	\$0.00		X	1.00	=	\$0.00
Krenn School		X	2.00	=	\$0.00		X	1.00	=	\$0.00
Gamsjager - Wysong Farm		X	2.00	=	\$0.00		X	1.00	=	\$0.00

Doddridge County Courthouse	\$1,000,000.00	X	2.00	=	\$20,000.00	\$400,000.00	X	1.00	=	\$4,000.00
Lathrop Russell Charter House		X	2.00	=	\$0.00		X	1.00	=	\$0.00
Center Point Covered Bridge	\$3,225,600.00	X	2.00	=	\$64,500.00		X	1.00	=	\$0.00
Doddridge County EMS	\$468,683.00	X	2.00	=	\$9,400.00	\$36,435.00	X	1.00	=	\$400.00
Center Point Library	\$44,500.00	X	2.00	=	\$900.00	\$3,000.00	X	1.00	=	\$0.00
West Union City Hall	\$166,320.00	X	2.00	=	\$3,300.00	\$60,000.00	X	1.00	=	\$600.00
Doddridge County Health Department	\$250,000.00	X	2.00	=	\$5,000.00	\$50,000.00	X	1.00	=	\$500.00
WVDOH (West Union) Main Building	\$316,370.00	X	2.00	=	\$6,300.00	\$50,000.00	X	1.00	=	\$500.00
WVDOH (West Union) Garage	\$193,330.00	X	2.00	=	\$3,900.00	\$100,000.00	X	1.00	=	\$1,000.00
North Central Regional Jail	\$28,000,000.00	X	2.00	=	\$560,000.00	\$1,500,000.00	X	1.00	=	\$15,000.00
West Union Wastewater Plant	\$295,036.00	X	2.00	=	\$5,900.00		X	1.00	=	\$0.00
West Union Water Treatment Plant	\$257,500.00	X	2.00	=	\$5,200.00	\$513,738.00	X	1.00	=	\$5,100.00
Family Resource Building	\$1,000,000.00	X	2.00	=	\$20,000.00	\$40,000.00	X	1.00	=	\$400.00
Old West Union ES		X	2.00	=	\$0.00		X	1.00	=	\$0.00
Malidus Sewage Plant		X	2.00	=	\$0.00		X	1.00	=	\$0.00
Waldo Run Sewage Plant		X	2.00	=	\$0.00		X	1.00	=	\$0.00
Doddridge County Commission	\$1,200,000.00	X	2.00	=	\$24,000.00	\$220,000.00	X	1.00	=	\$2,200.00
Doddridge County Park Building		X	2.00	=	\$0.00		X	1.00	=	\$0.00
West Point ES		X	2.00	=	\$0.00		X	1.00	=	\$0.00
Swiger Run Library		X	2.00	=	\$0.00		X	1.00	=	\$0.00
Lions Club		X	2.00	=	\$0.00		X	1.00	=	\$0.00
Manchin Building		X	2.00	=	\$0.00		X	1.00	=	\$0.00
Mountain State Academy	\$175,000.00	X	2.00	=	\$3,500.00	\$25,000.00	X	1.00	=	\$300.00
Doddridge County Senior Center	\$500,000.00	X	2.00	=	\$10,000.00	\$100,000.00	X	1.00	=	\$1,000.00
Smith School		X	2.00	=	\$0.00		X	1.00	=	\$0.00
West Union Museum	\$200,000.00	X	2.00	=	\$4,000.00	\$400,000.00	X	1.00	=	\$4,000.00
West Union Methodist Church		X	2.00	=	\$0.00		X	1.00	=	\$0.00
West Union Christian Church		X	2.00	=	\$0.00		X	1.00	=	\$0.00
South Fork Baptist Church		X	2.00	=	\$0.00		X	1.00	=	\$0.00
Maxwell-Farr Farm House		X	2.00	=	\$0.00		X	1.00	=	\$0.00

Farr Wallace House		X	2.00	=	\$0.00		X	1.00	=	\$0.00	
Doak House		X	2.00	=	\$0.00		X	1.00	=	\$0.00	
Buckeye Water District	\$5,000,000.00	X	2.00	=	\$100,000.00	\$1,500,000.00	X	1.00	=	\$15,000.00	
Upper Buckeye Community Building		X	2.00	=	\$0.00		X	1.00	=	\$0.00	
Doddridge County Solid Waste Authority	\$55,800.00	X	2.00	=	\$1,100.00	\$48,000.00	X	1.00	=	\$500.00	
					<b>\$2,525,300.00</b>						<b>\$309,500.00</b>

Structure Use and Function Loss (Task A.3.)									Structure Loss + Content Loss + Function Loss (\$)	
Name/Description of Structure	Average Daily Operating Budget (Step 3) (\$)	X	Functional Downtime (Step 4) (# of days)	+	Displacement Cost per Day (Step 3) (\$)	X	Dplacemetnt Time (Step 4) (\$)	=		Structue Use & Function Loss (\$)
Roads	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$953,000.00
Bridges	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$23,500.00
Residential	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$267,200.00
Gaspell Lumber Co., Inc	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Coastal Lumber Co.	\$4,240.64	X	0	+	\$4,240.64	X	0	=	\$0.00	\$50,000.00
Doddridge County Medical Center	\$2,500.00	X	0	+	\$2,500.00	X	0	=	\$0.00	\$13,500.00
Doddridge County Public Library	\$370.18	X	0	+	\$370.18	X	0	=	\$0.00	\$3,400.00
Banks VFD	\$273.97	X	0	+	\$273.97	X	0	=	\$0.00	\$14,500.00
Greenwood VFD	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
McClellan District VFD	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Smithburg VFD	\$136.99	X	0	+	\$136.99	X	0	=	\$0.00	\$12,200.00
West Union VFD	\$205.48	X	0	+	\$205.48	X	0	=	\$0.00	\$17,000.00
State Police - West Union	\$1,298.63	X	0	+	\$1,298.63	X	0	=	\$0.00	\$30,300.00
U.S. Postal Office - West Union	\$342.47	X	0	+	\$342.47	X	0	=	\$0.00	\$4,100.00
U.S. Postal Office - Blandville	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
U.S. Postal Office - New Milton	\$232.88	X	0	+	\$232.88	X	0	=	\$0.00	\$1,100.00
U.S. Postal Office - Smithburg	\$164.38	X	0	+	\$164.38	X	0	=	\$0.00	\$1,400.00
Doddridge County Board of Education	\$26,849.32	X	0	+	\$26,849.32	X	0	=	\$0.00	\$43,600.00
Doddridge County Middle School	\$5,369.86	X	0	+	\$5,369.86	X	0	=	\$0.00	\$198,600.00
Doddridge County Elementary School	\$6,561.64	X	0	+	\$6,561.64	X	0	=	\$0.00	\$113,900.00
Doddridge County High School	\$5,150.68	X	0	+	\$5,150.68	X	0	=	\$0.00	\$190,000.00
W.Scott Stuart House	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Krenn School	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00

Gamsjager - Wysong Farm	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Doddridge County Courthouse	\$4,827.61	X	0	+	\$4,827.61	X	0	=	\$0.00	\$24,000.00
Lathrop Russell Charter House	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Center Point Covered Bridge	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$64,500.00
Doddridge County EMS	\$520.55	X	0	+	\$520.55	X	0	=	\$0.00	\$9,800.00
Center Point Library	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$900.00
West Union City Hall	\$136.99	X	0	+	\$136.99	X	0	=	\$0.00	\$3,900.00
Doddridge County Health Department	\$1,232.88	X	0	+	\$1,232.88	X	0	=	\$0.00	\$5,500.00
WVDOH (West Union) Main Building	\$5,778.08	X	0	+	\$5,778.08	X	0	=	\$0.00	\$6,800.00
WVDOH (West Union) Garage	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$4,900.00
North Central Regional Jail	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$575,000.00
West Union Wastewater Plant	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$5,900.00
West Union Water Treatment Plant	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$10,300.00
Family Resource Building	\$197.26	X	0	+	\$197.26	X	0	=	\$0.00	\$20,400.00
Old West Union ES	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Malidus Sewage Plant	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Waldo Run Sewage Plant	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Doddridge County Commission	\$151.56	X	0	+	\$151.56	X	0	=	\$0.00	\$26,200.00
Doddridge County Park Building	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
West Point ES	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Swiger Run Library	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Lions Club	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Manchin Building	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Mountain State Academy	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$3,800.00
Doddridge County Senior Center	\$4,657.53	X	0	+	\$4,657.53	X	0	=	\$0.00	\$11,000.00
Smith School	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
West Union Museum	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$8,000.00

West Union Methodist Church	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00
West Union Christian Church	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00
South Fork Baptist Church	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00
Maxwell-Farr Farm House	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00
Farr Wallace House	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00
Doak House	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00
Buckeye Water District	\$1,095.89	X	0	+	\$1,095.89	X	0	=	\$0.00
Upper Buckeye Community Building	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00
Doddridge County Solid Waste Authority	\$276.71	X	0	+	\$276.71	X	0	=	\$0.00
									<b>\$0.00</b>

\$0.00
\$0.00
\$0.00
\$0.00
\$0.00
\$0.00
\$115,000.00
\$0.00
\$1,600.00
<b>\$2,834,800.00</b>

**Hazard: Drought**

Structure Loss (Task A.1.)					Contents of Loss (Task A.2.)					
Name/Description of Structure	Structure Replacement Value (Step 3) (\$)	X	Percent Damage (Step 4) (%)	=	Loss to Structure (\$)	Replacement Value of Contents (Step 3) (\$)	X	Percent Damage (step 4) (%)	=	Loss to Contents (\$)
Roads	\$9,530,400,000.00	X	0.00	=	\$0.00	\$0.00	X	0.00	=	\$0.00
Bridges	\$234,639,800.00	X	0.00	=	\$0.00	\$0.00	X	0.00	=	\$0.00
Residential	\$213,750,000.00	X	0.00	=	\$0.00	\$106,875,000.00	X	0.00	=	\$0.00
Glaspell Lumber Co., Inc	\$0.00	X	0.00	=	\$0.00	\$0.00	X	0.00	=	\$0.00
Coastal Lumber Co.	\$1,500,000.00	X	0.00	=	\$0.00	\$2,000,000.00	X	0.00	=	\$0.00
Doddridge County Medical Center	\$559,000.00	X	0.00	=	\$0.00	\$225,000.00	X	0.00	=	\$0.00
Doddridge County Public Library	\$149,000.00	X	0.00	=	\$0.00	\$36,000.00	X	0.00	=	\$0.00
Banks VFD	\$350,000.00	X	0.00	=	\$0.00	\$750,000.00	X	0.00	=	\$0.00
Greenwood VFD		X	0.00	=	\$0.00		X	0.00	=	\$0.00
McClellan District VFD		X	0.00	=	\$0.00		X	0.00	=	\$0.00
Smithburg VFD	\$235,000.00	X	0.00	=	\$0.00	\$750,000.00	X	0.00	=	\$0.00
West Union VFD	\$350,000.00	X	0.00	=	\$0.00	\$1,000,000.00	X	0.00	=	\$0.00
State Police - West Union	\$1,500,000.00	X	0.00	=	\$0.00	\$30,000.00	X	0.00	=	\$0.00
U.S. Postal Office - West Union	\$202,400.00	X	0.00	=	\$0.00	\$10,000.00	X	0.00	=	\$0.00
U.S. Postal Office - Blandville		X	0.00	=	\$0.00		X	0.00	=	\$0.00
U.S. Postal Office - New Milton	\$52,800.00	X	0.00	=	\$0.00	\$4,000.00	X	0.00	=	\$0.00
U.S. Postal Office - Smithburg	\$70,400.00	X	0.00	=	\$0.00	\$3,200.00	X	0.00	=	\$0.00
Doddridge County Board of Education	\$2,159,499.00	X	0.00	=	\$0.00	\$40,000.00	X	0.00	=	\$0.00
Doddridge County Middle School	\$6,825,000.00	X	0.00	=	\$0.00	\$6,210,750.00	X	0.00	=	\$0.00
Doddridge County Elementary School	\$3,913,000.00	X	0.00	=	\$0.00	\$3,560,830.00	X	0.00	=	\$0.00
Doddridge County High School	\$6,530,797.00	X	0.00	=	\$0.00	\$5,943,025.27	X	0.00	=	\$0.00

Name/Description of Structure	Structure Replacement Value (Step 3) (\$)	X	Percent Damage (Step 4) (%)	=	Loss to Structure (\$)	Replacement Value of Contents (Step 3) (\$)	X	Percent Damage (step 4) (%)	=	Loss to Contents (\$)
W.Scott Stuart House		X	0.00	=	\$0.00		X	0.00	=	\$0.00
Krenn School		X	0.00	=	\$0.00		X	0.00	=	\$0.00
Gamsjager - Wysong Farm		X	0.00	=	\$0.00		X	0.00	=	\$0.00
Doddridge County Courthouse	\$1,000,000.00	X	0.00	=	\$0.00	\$400,000.00	X	0.00	=	\$0.00
Lathrop Russell Charter House		X	0.00	=	\$0.00		X	0.00	=	\$0.00
Center Point Covered Bridge	\$3,225,600.00	X	0.00	=	\$0.00		X	0.00	=	\$0.00
Doddridge County EMS	\$468,683.00	X	0.00	=	\$0.00	\$36,435.00	X	0.00	=	\$0.00
Center Point Library	\$44,500.00	X	0.00	=	\$0.00	\$3,000.00	X	0.00	=	\$0.00
West Union City Hall	\$166,320.00	X	0.00	=	\$0.00	\$60,000.00	X	0.00	=	\$0.00
Doddridge County Health Department	\$250,000.00	X	0.00	=	\$0.00	\$50,000.00	X	0.00	=	\$0.00
WVDOH (West Union) Main Building	\$316,370.00	X	0.00	=	\$0.00	\$50,000.00	X	0.00	=	\$0.00
WVDOH (West Union) Garage	\$193,330.00	X	0.00	=	\$0.00	\$100,000.00	X	0.00	=	\$0.00
North Central Regional Jail	\$28,000,000.00	X	0.00	=	\$0.00	\$1,500,000.00	X	0.00	=	\$0.00
West Union Wastewater Plant	\$295,036.00	X	0.00	=	\$0.00		X	0.00	=	\$0.00
West Union Water Treatment Plant	\$257,500.00	X	0.00	=	\$0.00	\$513,738.00	X	0.00	=	\$0.00
Family Resource Building	\$1,000,000.00	X	0.00	=	\$0.00	\$40,000.00	X	0.00	=	\$0.00
Old West Union ES		X	0.00	=	\$0.00		X	0.00	=	\$0.00
Malidus Sewage Plant		X	0.00	=	\$0.00		X	0.00	=	\$0.00
Waldo Run Sewage Plant		X	0.00	=	\$0.00		X	0.00	=	\$0.00
Doddridge County Commission	\$1,200,000.00	X	0.00	=	\$0.00	\$220,000.00	X	0.00	=	\$0.00
Doddridge County Park Building		X	0.00	=	\$0.00		X	0.00	=	\$0.00
West Point ES		X	0.00	=	\$0.00		X	0.00	=	\$0.00
Swiger Run Library		X	0.00	=	\$0.00		X	0.00	=	\$0.00
Lions Club		X	0.00	=	\$0.00		X	0.00	=	\$0.00

Name/Description of Structure	Structure Replacement Value (Step 3) (\$)	X	Percent Damage (Step 4) (%)	=	Loss to Structure (\$)	Replacement Value of Contents (Step 3) (\$)	X	Percent Damage (step 4) (%)	=	Loss to Contents (\$)
Manchin Building		X	0.00	=	\$0.00		X	0.00	=	\$0.00
Mountain State Academy	\$175,000.00	X	0.00	=	\$0.00	\$25,000.00	X	0.00	=	\$0.00
Doddridge County Senior Center	\$500,000.00	X	0.00	=	\$0.00	\$100,000.00	X	0.00	=	\$0.00
Smith School		X	0.00	=	\$0.00		X	0.00	=	\$0.00
West Union Museum	\$200,000.00	X	0.00	=	\$0.00	\$400,000.00	X	0.00	=	\$0.00
West Union Methodist Church		X	0.00	=	\$0.00		X	0.00	=	\$0.00
West Union Christian Church		X	0.00	=	\$0.00		X	0.00	=	\$0.00
South Fork Baptist Church		X	0.00	=	\$0.00		X	0.00	=	\$0.00
Maxwell-Farr Farm House		X	0.00	=	\$0.00		X	0.00	=	\$0.00
Farr Wallace House		X	0.00	=	\$0.00		X	0.00	=	\$0.00
Doak House		X	0.00	=	\$0.00		X	0.00	=	\$0.00
Buckeye Water District	\$5,000,000.00	X	0.00	=	\$0.00	\$1,500,000.00	X	0.00	=	\$0.00
Upper Buckeye Community Building		X	0.00	=	\$0.00		X	0.00	=	\$0.00
Doddridge County Solid Waste Authority	\$55,800.00	X	0.00	=	\$0.00	\$48,000.00	X	0.00	=	\$0.00
					\$0.00					\$0.00

Structure Use and Function Loss (Task A.3.)										
Name/Description of Structure	Average Daily Operating Budget (Step 3) (\$)	X	Functional Downtime (Step 4) (# of days)	+	Displacement Cost per Day (Step 3) (\$)	X	Dplacementnt Time (Step 4) (\$)	=	Structue Use & Function Loss (\$)	Structure Loss + Content Loss + Function Loss (\$)
Roads	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Bridges	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Residential	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
GasPELL Lumber Co., Inc	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Coastal Lumber Co.	\$4,240.64	X	0	+	\$4,240.64	X	0	=	\$0.00	\$0.00
Doddridge County Medical Center	\$2,500.00	X	0	+	\$2,500.00	X	0	=	\$0.00	\$0.00
Doddridge County Public Library	\$370.18	X	0	+	\$370.18	X	0	=	\$0.00	\$0.00
Banks VFD	\$273.97	X	0	+	\$273.97	X	0	=	\$0.00	\$0.00
Greenwood VFD	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
McClellan District VFD	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Smithburg VFD	\$136.99	X	0	+	\$136.99	X	0	=	\$0.00	\$0.00
West Union VFD	\$205.48	X	0	+	\$205.48	X	0	=	\$0.00	\$0.00
State Police - West Union	\$1,298.63	X	0	+	\$1,298.63	X	0	=	\$0.00	\$0.00
U.S. Postal Office - West Union	\$342.47	X	0	+	\$342.47	X	0	=	\$0.00	\$0.00
U.S. Postal Office - Blandville	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
U.S. Postal Office - New Milton	\$232.88	X	0	+	\$232.88	X	0	=	\$0.00	\$0.00
U.S. Postal Office - Smithburg	\$164.38	X	0	+	\$164.38	X	0	=	\$0.00	\$0.00
Doddridge County Board of Education	\$26,849.32	X	0	+	\$26,849.32	X	0	=	\$0.00	\$0.00
Doddridge County Middle School	\$5,369.86	X	0	+	\$5,369.86	X	0	=	\$0.00	\$0.00
Doddridge County Elementary School	\$6,561.64	X	0	+	\$6,561.64	X	0	=	\$0.00	\$0.00

Name/Description of Structure	Average Daily Operating Budget (Step 3) (\$)	X	Functional Downtime (Step 4) (# of days)	+	Displacement Cost per Day (Step 3) (\$)	X	Dplacemetnt Time (Step 4) (\$)	=	Structue Use & Function Loss (\$)	Structure Loss + Content Loss + Function Loss (\$)
Doddridge County High School	\$5,150.68	X	0	+	\$5,150.68	X	0	=	\$0.00	\$0.00
W.Scott Stuart House	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Krenn School	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Gamsjager - Wysong Farm	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Doddridge County Courthouse	\$4,827.61	X	0	+	\$4,827.61	X	0	=	\$0.00	\$0.00
Lathrop Russell Charter House	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Center Point Covered Bridge	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Doddridge County EMS	\$520.55	X	0	+	\$520.55	X	0	=	\$0.00	\$0.00
Center Point Library	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
West Union City Hall	\$136.99	X	0	+	\$136.99	X	0	=	\$0.00	\$0.00
Doddridge County Health Department	\$1,232.88	X	0	+	\$1,232.88	X	0	=	\$0.00	\$0.00
WVDOH (West Union) Main Building	\$5,778.08	X	0	+	\$5,778.08	X	0	=	\$0.00	\$0.00
WVDOH (West Union) Garage	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
North Central Regional Jail	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
West Union Wastewater Plant	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
West Union Water Treatment Plant	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Family Resource Building	\$197.26	X	0	+	\$197.26	X	0	=	\$0.00	\$0.00
Old West Union ES	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Malidus Sewage Plant	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Waldo Run Sewage Plant	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Doddridge County Commission	\$151.56	X	0	+	\$151.56	X	0	=	\$0.00	\$0.00
Doddridge County Park Building	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00

Name/Description of Structure	Average Daily Operating Budget (Step 3) (\$)	X	Functional Downtime (Step 4) (# of days)	+	Displacement Cost per Day (Step 3) (\$)	X	Dplacementt Time (Step 4) (\$)	=	Structue Use & Function Loss (\$)	Structure Loss + Content Loss + Function Loss (\$)
West Point ES	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Swiger Run Library	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Lions Club	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Manchin Building	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Mountain State Academy	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Doddridge County Senior Center	\$4,657.53	X	0	+	\$4,657.53	X	0	=	\$0.00	\$0.00
Smith School	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
West Union Museum	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
West Union Methodist Church	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
West Union Christian Church	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
South Fork Baptist Church	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Maxwell-Farr Farm House	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Farr Wallace House	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Doak House	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Buckeye Water District	\$1,095.89	X	0	+	\$1,095.89	X	0	=	\$0.00	\$0.00
Upper Buckeye Community Building	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Doddridge County Solid Waste Authority	\$276.71	X	0	+	\$276.71	X	0	=	\$0.00	\$0.00
									<b>\$0.00</b>	<b>\$0.00</b>

**Hazard: Severe Winter Storm**

Structure Loss (Task A.1.)					Contents of Loss (Task A.2.)					
Name/Description of Structure	Structure Replacement Value (Step 3) (\$)	X	Percent Damage (Step 4) (%)	=	Loss to Structure (\$)	Replacement Value of Contents (Step 3) (\$)	X	Percent Damage (step 4) (%)	=	Loss to Contents (\$)
Roads	\$9,530,400,000.00	X	0.00	=	\$0.00	\$0.00	X	0.00	=	\$0.00
Bridges	\$234,639,800.00	X	0.00	=	\$0.00	\$0.00	X	0.00	=	\$0.00
Residential	\$213,750,000.00	X	0.10	=	\$213,800.00	\$106,875,000.00	X	0.05	=	\$53,400.00
Glaspell Lumber Co., Inc	\$0.00	X	4.00	=	\$0.00	\$0.00	X	2.00	=	\$0.00
Coastal Lumber Co.	\$1,500,000.00	X	4.00	=	\$60,000.00	\$2,000,000.00	X	2.00	=	\$40,000.00
Doddridge County Medical Center	\$559,000.00	X	4.00	=	\$22,400.00	\$225,000.00	X	2.00	=	\$4,500.00
Doddridge County Public Library	\$149,000.00	X	4.00	=	\$6,000.00	\$36,000.00	X	2.00	=	\$700.00
Banks VFD	\$350,000.00	X	4.00	=	\$14,000.00	\$750,000.00	X	2.00	=	\$15,000.00
Greenwood VFD		X	4.00	=	\$0.00		X	2.00	=	\$0.00
McClellan District VFD		X	4.00	=	\$0.00		X	2.00	=	\$0.00
Smithburg VFD	\$235,000.00	X	4.00	=	\$9,400.00	\$750,000.00	X	2.00	=	\$15,000.00
West Union VFD	\$350,000.00	X	4.00	=	\$14,000.00	\$1,000,000.00	X	2.00	=	\$20,000.00
State Police - West Union	\$1,500,000.00	X	4.00	=	\$60,000.00	\$30,000.00	X	2.00	=	\$600.00
U.S. Postal Office - West Union	\$202,400.00	X	4.00	=	\$8,100.00	\$10,000.00	X	2.00	=	\$200.00
U.S. Postal Office - Blandville		X	6.00	=	\$0.00		X	3.00	=	\$0.00
U.S. Postal Office - New Milton	\$52,800.00	X	6.00	=	\$3,200.00	\$4,000.00	X	3.00	=	\$100.00
U.S. Postal Office - Smithburg	\$70,400.00	X	4.00	=	\$2,800.00	\$3,200.00	X	2.00	=	\$100.00
Doddridge County Board of Education	\$2,159,499.00	X	4.00	=	\$86,400.00	\$40,000.00	X	2.00	=	\$800.00
Doddridge County Middle School	\$6,825,000.00	X	4.00	=	\$273,000.00	\$6,210,750.00	X	2.00	=	\$124,200.00
Doddridge County Elementary School	\$3,913,000.00	X	4.00	=	\$156,500.00	\$3,560,830.00	X	2.00	=	\$71,200.00
Doddridge County High School	\$6,530,797.00	X	4.00	=	\$261,200.00	\$5,943,025.27	X	2.00	=	\$118,900.00
W.Scott Stuart House		X	4.00	=	\$0.00		X	2.00	=	\$0.00
Krenn School		X	4.00	=	\$0.00		X	2.00	=	\$0.00
Gamsjager - Wysong Farm		X	4.00	=	\$0.00		X	2.00	=	\$0.00

Doddridge County Courthouse	\$1,000,000.00	X	4.00	=	\$40,000.00	\$400,000.00	X	2.00	=	\$8,000.00
Lathrop Russell Charter House		X	4.00	=	\$0.00		X	2.00	=	\$0.00
Center Point Covered Bridge	\$3,225,600.00	X	4.00	=	\$129,000.00		X	2.00	=	\$0.00
Doddridge County EMS	\$468,683.00	X	4.00	=	\$18,700.00	\$36,435.00	X	2.00	=	\$700.00
Center Point Library	\$44,500.00	X	4.00	=	\$1,800.00	\$3,000.00	X	2.00	=	\$100.00
West Union City Hall	\$166,320.00	X	4.00	=	\$6,700.00	\$60,000.00	X	2.00	=	\$1,200.00
Doddridge County Health Department	\$250,000.00	X	4.00	=	\$10,000.00	\$50,000.00	X	2.00	=	\$1,000.00
WVDOH (West Union) Main Building	\$316,370.00	X	4.00	=	\$12,700.00	\$50,000.00	X	2.00	=	\$1,000.00
WVDOH (West Union) Garage	\$193,330.00	X	4.00	=	\$7,700.00	\$100,000.00	X	2.00	=	\$2,000.00
North Central Regional Jail	\$28,000,000.00	X	4.00	=	\$1,120,000.00	\$1,500,000.00	X	2.00	=	\$30,000.00
West Union Wastewater Plant	\$295,036.00	X	4.00	=	\$11,800.00		X	2.00	=	\$0.00
West Union Water Treatment Plant	\$257,500.00	X	4.00	=	\$10,300.00	\$513,738.00	X	2.00	=	\$10,300.00
Family Resource Building	\$1,000,000.00	X	4.00	=	\$40,000.00	\$40,000.00	X	2.00	=	\$800.00
Old West Union ES		X	4.00	=	\$0.00		X	2.00	=	\$0.00
Maidus Sewage Plant		X	4.00	=	\$0.00		X	2.00	=	\$0.00
Waldo Run Sewage Plant		X	4.00	=	\$0.00		X	2.00	=	\$0.00
Doddridge County Commission	\$1,200,000.00	X	4.00	=	\$48,000.00	\$220,000.00	X	2.00	=	\$4,400.00
Doddridge County Park Building		X	4.00	=	\$0.00		X	2.00	=	\$0.00
West Point ES		X	4.00	=	\$0.00		X	2.00	=	\$0.00
Swiger Run Library		X	4.00	=	\$0.00		X	2.00	=	\$0.00
Lions Club		X	4.00	=	\$0.00		X	2.00	=	\$0.00
Manchin Building		X	4.00	=	\$0.00		X	2.00	=	\$0.00
Mountain State Academy	\$175,000.00	X	4.00	=	\$7,000.00	\$25,000.00	X	2.00	=	\$500.00
Doddridge County Senior Center	\$500,000.00	X	4.00	=	\$20,000.00	\$100,000.00	X	2.00	=	\$2,000.00
Smith School		X	4.00	=	\$0.00		X	2.00	=	\$0.00
West Union Museum	\$200,000.00	X	4.00	=	\$8,000.00	\$400,000.00	X	2.00	=	\$8,000.00
West Union Methodist Church		X	4.00	=	\$0.00		X	2.00	=	\$0.00
West Union Christian Church		X	4.00	=	\$0.00		X	2.00	=	\$0.00
South Fork Baptist Church		X	4.00	=	\$0.00		X	2.00	=	\$0.00
Maxwell-Farr Farm House		X	4.00	=	\$0.00		X	2.00	=	\$0.00

Farr Wallace House		X	4.00	=	\$0.00		X	2.00	=	\$0.00	
Doak House		X	4.00	=	\$0.00		X	2.00	=	\$0.00	
Buckeye Water District	\$5,000,000.00	X	4.00	=	\$200,000.00	\$1,500,000.00	X	2.00	=	\$30,000.00	
Upper Buckeye Community Building		X	4.00	=	\$0.00		X	2.00	=	\$0.00	
Doddridge County Solid Waste Authority	\$55,800.00	X	4.00	=	\$2,200.00	\$48,000.00	X	2.00	=	\$1,000.00	
					<b>\$2,884,700.00</b>						<b>\$565,700.00</b>

Structure Use and Function Loss (Task A.3.)										
Name/Description of Structure	Average Daily Operating Budget (Step 3) (\$)	X	Functional Downtime (Step 4) (# of days)	+	Displacement Cost per Day (Step 3) (\$)	X	Dplacementnt Time (Step 4) (\$)	=	Structue Use & Function Loss (\$)	Structure Loss + Content Loss + Function Loss (\$)
Roads	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Bridges	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Residential	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$267,200.00
Glaspell Lumber Co., Inc	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Coastal Lumber Co.	\$4,240.64	X	0	+	\$4,240.64	X	0	=	\$0.00	\$100,000.00
Doddridge County Medical Center	\$2,500.00	X	0	+	\$2,500.00	X	0	=	\$0.00	\$26,900.00
Doddridge County Public Library	\$370.18	X	1	+	\$370.18	X	0	=	\$370.00	\$7,070.00
Banks VFD	\$273.97	X	0	+	\$273.97	X	0	=	\$0.00	\$29,000.00
Greenwood VFD	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
McClellan District VFD	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Smithburg VFD	\$136.99	X	0	+	\$136.99	X	0	=	\$0.00	\$24,400.00
West Union VFD	\$205.48	X	0	+	\$205.48	X	0	=	\$0.00	\$34,000.00
State Police - West Union	\$1,298.63	X	0	+	\$1,298.63	X	0	=	\$0.00	\$60,600.00
U.S. Postal Office - West Union	\$342.47	X	0	+	\$342.47	X	0	=	\$0.00	\$8,300.00
U.S. Postal Office - Blandville	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
U.S. Postal Office - New Milton	\$232.88	X	0	+	\$232.88	X	0	=	\$0.00	\$3,300.00
U.S. Postal Office - Smithburg	\$164.38	X	0	+	\$164.38	X	0	=	\$0.00	\$2,900.00
Doddridge County Board of Education	\$26,849.32	X	1	+	\$26,849.32	X	0	=	\$26,850.00	\$114,050.00
Doddridge County Middle School	\$5,369.86	X	1	+	\$5,369.86	X	0	=	\$5,370.00	\$402,570.00
Doddridge County Elementary School	\$6,561.64	X	1	+	\$6,561.64	X	0	=	\$6,560.00	\$234,260.00
Doddridge County High School	\$5,150.68	X	1	+	\$5,150.68	X	0	=	\$5,150.00	\$385,250.00
W.Scott Stuart House	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Krenn School	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00

Gamsjager - Wysong Farm	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Doddridge County Courthouse	\$4,827.61	X	0	+	\$4,827.61	X	0	=	\$0.00	\$48,000.00
Lathrop Russell Charter House	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Center Point Covered Bridge	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$129,000.00
Doddridge County EMS	\$520.55	X	0	+	\$520.55	X	0	=	\$0.00	\$19,400.00
Center Point Library	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$1,900.00
West Union City Hall	\$136.99	X	0	+	\$136.99	X	0	=	\$0.00	\$7,900.00
Doddridge County Health Department	\$1,232.88	X	0	+	\$1,232.88	X	0	=	\$0.00	\$11,000.00
WVDOH (West Union) Main Building	\$5,778.08	X	0	+	\$5,778.08	X	0	=	\$0.00	\$13,700.00
WVDOH (West Union) Garage	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$9,700.00
North Central Regional Jail	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$1,150,000.00
West Union Wastewater Plant	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$11,800.00
West Union Water Treatment Plant	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$20,600.00
Family Resource Building	\$197.26	X	0	+	\$197.26	X	0	=	\$0.00	\$40,800.00
Old West Union ES	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Malidus Sewage Plant	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Waldo Run Sewage Plant	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Doddridge County Commission	\$151.56	X	0	+	\$151.56	X	0	=	\$0.00	\$52,400.00
Doddridge County Park Building	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
West Point ES	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Swiger Run Library	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Lions Club	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Manchin Building	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Mountain State Academy	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$7,500.00
Doddridge County Senior Center	\$4,657.53	X	0	+	\$4,657.53	X	0	=	\$0.00	\$22,000.00
Smith School	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
West Union Museum	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$16,000.00

West Union Methodist Church	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
West Union Christian Church	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
South Fork Baptist Church	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Maxwell-Farr Farm House	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Farr Wallace House	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Doak House	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Buckeye Water District	\$1,095.89	X	0	+	\$1,095.89	X	0	=	\$0.00	\$230,000.00
Upper Buckeye Community Building	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Doddridge County Solid Waste Authority	\$276.71	X	0	+	\$276.71	X	0	=	\$0.00	\$3,200.00
									<b>\$44,300.00</b>	<b>\$3,494,700.00</b>

# HARRISON COUNTY

**Hazard: Winter Storm**

Type of Structure (Occupancy Class)	Number of Structures			Value of Structures			Number of People		
	# in Community or State	# in Hazard Area	% in Hazard Area	\$ in Community or State	\$ in Hazard Area	% in Hazard Area	# in Community or State	# in Hazard Area	% in Hazard Area
<i>Residential</i>	31,431	31,431	100%	\$3,001,660,500	\$45,024,908	2%	69,099	69,099	100%
<i>Commercial</i>	1,666	1,666	100%	\$416,500,000	\$6,247,500	2%	23,582	23,582	100%
<i>Industrial</i>	127	127	100%	\$254,000,000	\$3,810,000	2%	1,797	1,797	100%
<i>Agricultural</i>	774	774	100%	\$8,235,360	\$123,530	2%	1,074	1,074	100%
<i>Religious/Non-Profit</i>	122	122	100%	\$18,300,000	\$274,500	2%	6,100	6,100	100%
<i>Government</i>	55	55	100%	\$82,500,000	\$1,237,500	2%	8,241	8,241	100%
<i>Education</i>	25	25	100%	\$167,000,000	\$2,505,000	2%	11,294	11,294	100%
<i>Utilities</i>	33	33	100%	\$49,500,000	\$742,500	2%	1,017	1,017	100%
<b>Total</b>	<b>34,233</b>	<b>34,233</b>	<b>100%</b>	<b>\$3,997,695,860</b>	<b>\$59,965,438</b>	<b>2%</b>	<b>122,204</b>	<b>122,204</b>	<b>100%</b>

- |   | Yes | No |
|---|-----|----|
| 1. Do you know where your greatest damages may occur in your hazard areas?  | X   |    |
| 2. Do you know whether your critical facilities will be operational after a hazard event?   | X   |    |
| 3. Is there enough data to determine which assets are subject to the greatest potential damages?  | X   |    |
| 4. Is there enough data to determine whether significant elements of the community are vulnerable to potential hazards?   | X   |    |
| 5. Is there enough data to determine whether certain areas of historic, environmental, political, or cultural significance are vulnerable to potential hazards? | X   |    |
| 6. Is there concern about a particular hazard because of its severity, repetitiveness, or likelihood of occurrence?   | X   |    |
| 7. Is additional data needed to justify the expenditure of community or state funds for mitigation initiatives?   |     | X  |

**Hazard: Dam Failure**

Type of Structure (Occupancy Class)	Number of Structures			Value of Structures			Number of People		
	# in Community or State	# in Hazard Area	% in Hazard Area	\$ in Community or State	\$ in Hazard Area	% in Hazard Area	# in Community or State	# in Hazard Area	% in Hazard Area
<i>Residential</i>	31,431	1,194	4%	\$3,001,660,500	\$120,066,420	4%	69,099	2,764	4%
<i>Commercial</i>	1,666	63	4%	\$416,500,000	\$16,660,000	4%	23,582	943	4%
<i>Industrial</i>	127	5	4%	\$254,000,000	\$10,160,000	4%	1,797	72	4%
<i>Agricultural</i>	774	29	4%	\$8,235,360	\$329,414	4%	1,074	43	4%
<i>Religious/Non-Profit</i>	122	5	4%	\$18,300,000	\$732,000	4%	6,100	244	4%
<i>Government</i>	55	0	0%	\$82,500,000	\$0	0%	8,241	0	0%
<i>Education</i>	25	0	0%	\$167,000,000	\$0	0%	11,294	0	0%
<i>Utilities</i>	33	1	3%	\$49,500,000	\$1,485,000	3%	1,017	31	3%
<b>Total</b>	<b>34,233</b>	<b>1,297</b>	<b>4%</b>	<b>\$3,997,695,860</b>	<b>\$149,432,834</b>	<b>4%</b>	<b>122,204</b>	<b>4,097</b>	<b>3%</b>

	<b>Yes</b>	<b>No</b>
1. Do you know where your greatest damages may occur in your hazard areas?	<b>X</b>	
2. Do you know whether your critical facilities will be operational after a hazard event?	<b>X</b>	
3. Is there enough data to determine which assets are subject to the greatest potential damages?	<b>X</b>	
4. Is there enough data to determine whether significant elements of the community are vulnerable to potential hazards?	<b>X</b>	
5. Is there enough data to determine whether certain areas of historic, environmental, political, or cultural significance are vulnerable to potential hazards?	<b>X</b>	
6. Is there concern about a particular hazard because of its severity, repetitiveness, or likelihood of occurrence?	<b>X</b>	
7. Is additional data needed to justify the expenditure of community or state funds for mitigation initiatives?		<b>X</b>

**Hazard: Drought**

Type of Structure (Occupancy Class)	Number of Structures			Value of Structures			Number of People		
	# in Community or State	# in Hazard Area	% in Hazard Area	\$ in Community or State	\$ in Hazard Area	% in Hazard Area	# in Community or State	# in Hazard Area	% in Hazard Area
<i>Residential</i>	31,431	0	0%	\$3,001,660,500	\$0	0%	69,099	0	0%
<i>Commercial</i>	1,666	0	0%	\$416,500,000	\$0	0%	23,582	0	0%
<i>Industrial</i>	127	0	0%	\$254,000,000	\$0	0%	1,797	0	0%
<i>Agricultural</i>	774	774	100%	\$8,235,360	\$8,235,360	100%	1,074	1,074	100%
<i>Religious/Non-Profit</i>	122	0	0%	\$18,300,000	\$0	0%	6,100	0	0%
<i>Government</i>	55	0	0%	\$82,500,000	\$0	0%	8,241	0	0%
<i>Education</i>	25	0	0%	\$167,000,000	\$0	0%	11,294	0	0%
<i>Utilities</i>	33	11	33%	\$49,500,000	\$16,335,000	33%	1,017	336	33%
<b>Total</b>	<b>34,233</b>	<b>785</b>	<b>2%</b>	<b>\$3,997,695,860</b>	<b>\$24,570,360</b>	<b>1%</b>	<b>122,204</b>	<b>1,410</b>	<b>1%</b>

- |   | Yes | No |
|---|-----|----|
| 1. Do you know where your greatest damages may occur in your hazard areas?  | X   |    |
| 2. Do you know whether your critical facilities will be operational after a hazard event?   | X   |    |
| 3. Is there enough data to determine which assets are subject to the greatest potential damages?  | X   |    |
| 4. Is there enough data to determine whether significant elements of the community are vulnerable to potential hazards?   | X   |    |
| 5. Is there enough data to determine whether certain areas of historic, environmental, political, or cultural significance are vulnerable to potential hazards? | X   |    |
| 6. Is there concern about a particular hazard because of its severity, repetitiveness, or likelihood of occurrence?   | X   |    |
| 7. Is additional data needed to justify the expenditure of community or state funds for mitigation initiatives?   |     | X  |

**Hazard: Earthquake**

Type of Structure (Occupancy Class)	Number of Structures			Value of Structures			Number of People		
	# in Community or State	# in Hazard Area	% in Hazard Area	\$ in Community or State	\$ in Hazard Area	% in Hazard Area	# in Community or State	# in Hazard Area	% in Hazard Area
<i>Residential</i>	31,431	31,431	100%	\$3,001,660,500	\$0	0%	69,099	69,099	100%
<i>Commercial</i>	1,666	1,666	100%	\$416,500,000	\$0	0%	23,582	23,582	100%
<i>Industrial</i>	127	127	100%	\$254,000,000	\$0	0%	1,797	1,797	100%
<i>Agricultural</i>	774	774	100%	\$8,235,360	\$0	0%	1,074	1,074	100%
<i>Religious/Non-Profit</i>	122	122	100%	\$18,300,000	\$0	0%	6,100	6,100	100%
<i>Government</i>	55	55	100%	\$82,500,000	\$0	0%	8,241	8,241	100%
<i>Education</i>	25	25	100%	\$167,000,000	\$0	0%	11,294	11,294	100%
<i>Utilities</i>	33	33	100%	\$49,500,000	\$0	0%	1,017	1,017	100%
<b>Total</b>	<b>34,233</b>	<b>34,233</b>	<b>100%</b>	<b>\$3,997,695,860</b>	<b>\$0</b>	<b>0%</b>	<b>122,204</b>	<b>122,204</b>	<b>100%</b>

- |   | Yes | No |
|---|-----|----|
| 1. Do you know where your greatest damages may occur in your hazard areas?  | X   |    |
| 2. Do you know whether your critical facilities will be operational after a hazard event?   | X   |    |
| 3. Is there enough data to determine which assets are subject to the greatest potential damages?  | X   |    |
| 4. Is there enough data to determine whether significant elements of the community are vulnerable to potential hazards?   | X   |    |
| 5. Is there enough data to determine whether certain areas of historic, environmental, political, or cultural significance are vulnerable to potential hazards? | X   |    |
| 6. Is there concern about a particular hazard because of its severity, repetitiveness, or likelihood of occurrence?   | X   |    |
| 7. Is additional data needed to justify the expenditure of community or state funds for mitigation initiatives?   |     | X  |

**Hazard: Flooding**

Type of Structure (Occupancy Class)	Number of Structures			Value of Structures			Number of People		
	# in Community or State	# in Hazard Area	% in Hazard Area	\$ in Community or State	\$ in Hazard Area	% in Hazard Area	# in Community or State	# in Hazard Area	% in Hazard Area
<i>Residential</i>	31,431	4,400	14%	\$3,001,660,500	\$420,232,470	14%	69,099	9,674	14%
<i>Commercial</i>	1,666	233	14%	\$416,500,000	\$58,310,000	14%	23,582	3,301	14%
<i>Industrial</i>	127	18	14%	\$254,000,000	\$35,560,000	14%	1,797	252	14%
<i>Agricultural</i>	774	108	14%	\$8,235,360	\$1,152,950	14%	1,074	150	14%
<i>Religious/Non-Profit</i>	122	17	14%	\$18,300,000	\$2,562,000	14%	6,100	854	14%
<i>Government</i>	55	0	0%	\$82,500,000	\$0	0%	8,241	0	0%
<i>Education</i>	25	1	4%	\$167,000,000	\$6,680,000	4%	11,294	452	4%
<i>Utilities</i>	33	0	0%	\$49,500,000	\$0	0%	1,017	0	0%
<b>Total</b>	<b>34,233</b>	<b>4,778</b>	<b>14%</b>	<b>\$3,997,695,860</b>	<b>\$524,497,420</b>	<b>13%</b>	<b>122,204</b>	<b>14,683</b>	<b>12%</b>

	<b>Yes</b>	<b>No</b>
1. Do you know where your greatest damages may occur in your hazard areas?	<b>X</b>	
2. Do you know whether your critical facilities will be operational after a hazard event?	<b>X</b>	
3. Is there enough data to determine which assets are subject to the greatest potential damages?	<b>X</b>	
4. Is there enough data to determine whether significant elements of the community are vulnerable to potential hazards?	<b>X</b>	
5. Is there enough data to determine whether certain areas of historic, environmental, political, or cultural significance are vulnerable to potential hazards?	<b>X</b>	
6. Is there concern about a particular hazard because of its severity, repetitiveness, or likelihood of occurrence?	<b>X</b>	
7. Is additional data needed to justify the expenditure of community or state funds for mitigation initiatives?		<b>X</b>

**Hazard: Hailstorm**

Type of Structure (Occupancy Class)	Number of Structures			Value of Structures			Number of People		
	# in Community or State	# in Hazard Area	% in Hazard Area	\$ in Community or State	\$ in Hazard Area	% in Hazard Area	# in Community or State	# in Hazard Area	% in Hazard Area
<i>Residential</i>	31,431	31,431	100%	\$3,001,660,500	\$300,166	0%	69,099	69,099	100%
<i>Commercial</i>	1,666	1,666	100%	\$416,500,000	\$41,650	0%	23,582	23,582	100%
<i>Industrial</i>	127	127	100%	\$254,000,000	\$25,400	0%	1,797	1,797	100%
<i>Agricultural</i>	774	774	100%	\$8,235,360	\$824	0%	1,074	1,074	100%
<i>Religious/Non-Profit</i>	122	122	100%	\$18,300,000	\$1,830	0%	6,100	6,100	100%
<i>Government</i>	55	55	100%	\$82,500,000	\$8,250	0%	8,241	8,241	100%
<i>Education</i>	25	25	100%	\$167,000,000	\$16,700	0%	11,294	11,294	100%
<i>Utilities</i>	33	33	100%	\$49,500,000	\$4,950	0%	1,017	1,017	100%
<b>Total</b>	<b>34,233</b>	<b>34,233</b>	<b>100%</b>	<b>\$3,997,695,860</b>	<b>\$399,770</b>	<b>0%</b>	<b>122,204</b>	<b>122,204</b>	<b>100%</b>

- |   | Yes | No |
|---|-----|----|
| 1. Do you know where your greatest damages may occur in your hazard areas?  | X   |    |
| 2. Do you know whether your critical facilities will be operational after a hazard event?   | X   |    |
| 3. Is there enough data to determine which assets are subject to the greatest potential damages?  | X   |    |
| 4. Is there enough data to determine whether significant elements of the community are vulnerable to potential hazards?   | X   |    |
| 5. Is there enough data to determine whether certain areas of historic, environmental, political, or cultural significance are vulnerable to potential hazards? | X   |    |
| 6. Is there concern about a particular hazard because of its severity, repetitiveness, or likelihood of occurrence?   | X   |    |
| 7. Is additional data needed to justify the expenditure of community or state funds for mitigation initiatives?   |     | X  |

### Hazard: Land Subsidence

Type of Structure (Occupancy Class)	Number of Structures			Value of Structures			Number of People		
	# in Community or State	# in Hazard Area	% in Hazard Area	\$ in Community or State	\$ in Hazard Area	% in Hazard Area	# in Community or State	# in Hazard Area	% in Hazard Area
<i>Residential</i>	31,431	100	0%	\$3,001,660,500	\$9,004,982	0%	69,099	207	0%
<i>Commercial</i>	1,666	200	12%	\$416,500,000	\$49,980,000	12%	23,582	2,830	12%
<i>Industrial</i>	127	12	9%	\$254,000,000	\$22,860,000	9%	1,797	162	9%
<i>Agricultural</i>	774	70	9%	\$8,235,360	\$741,182	9%	1,074	97	9%
<i>Religious/Non-Profit</i>	122	12	10%	\$18,300,000	\$1,830,000	10%	6,100	610	10%
<i>Government</i>	55	0	0%	\$82,500,000	\$0	0%	8,241	0	0%
<i>Education</i>	25	0	0%	\$167,000,000	\$0	0%	11,294	0	0%
<i>Utilities</i>	33	33	100%	\$49,500,000	\$49,500,000	100%	1,017	1,017	100%
<b>Total</b>	<b>34,233</b>	<b>427</b>	<b>1%</b>	<b>\$3,997,695,860</b>	<b>\$133,916,164</b>	<b>3%</b>	<b>122,204</b>	<b>4,923</b>	<b>4%</b>

- |   | Yes                                 | No                                  |
|---|-------------------------------------|-------------------------------------|
| 1. Do you know where your greatest damages may occur in your hazard areas?  | <input checked="" type="checkbox"/> |                                     |
| 2. Do you know whether your critical facilities will be operational after a hazard event?   | <input checked="" type="checkbox"/> |                                     |
| 3. Is there enough data to determine which assets are subject to the greatest potential damages?  | <input checked="" type="checkbox"/> |                                     |
| 4. Is there enough data to determine whether significant elements of the community are vulnerable to potential hazards?   | <input checked="" type="checkbox"/> |                                     |
| 5. Is there enough data to determine whether certain areas of historic, environmental, political, or cultural significance are vulnerable to potential hazards? | <input checked="" type="checkbox"/> |                                     |
| 6. Is there concern about a particular hazard because of its severity, repetitiveness, or likelihood of occurrence?   | <input checked="" type="checkbox"/> |                                     |
| 7. Is additional data needed to justify the expenditure of community or state funds for mitigation initiatives?   |                                     | <input checked="" type="checkbox"/> |

**Hazard: Thunderstorm**

Type of Structure (Occupancy Class)	Number of Structures			Value of Structures			Number of People		
	# in Community or State	# in Hazard Area	% in Hazard Area	\$ in Community or State	\$ in Hazard Area	% in Hazard Area	# in Community or State	# in Hazard Area	% in Hazard Area
<i>Residential</i>	31,431	31,431	100%	\$3,001,660,500	\$30,016,605	1%	69,099	69,099	100%
<i>Commercial</i>	1,666	1,666	100%	\$416,500,000	\$4,165,000	1%	23,582	23,582	100%
<i>Industrial</i>	127	127	100%	\$254,000,000	\$2,540,000	1%	1,797	1,797	100%
<i>Agricultural</i>	774	774	100%	\$8,235,360	\$82,354	1%	1,074	1,074	100%
<i>Religious/Non-Profit</i>	122	122	100%	\$18,300,000	\$183,000	1%	6,100	6,100	100%
<i>Government</i>	55	55	100%	\$82,500,000	\$825,000	1%	8,241	8,241	100%
<i>Education</i>	25	25	100%	\$167,000,000	\$1,670,000	1%	11,294	11,294	100%
<i>Utilities</i>	33	33	100%	\$49,500,000	\$495,000	1%	1,017	1,017	100%
<b>Total</b>	<b>34,233</b>	<b>34,233</b>	<b>100%</b>	<b>\$3,997,695,860</b>	<b>\$39,976,959</b>	<b>1%</b>	<b>122,204</b>	<b>122,204</b>	<b>100%</b>

	Yes	No
1. Do you know where your greatest damages may occur in your hazard areas?	<input checked="" type="checkbox"/>	
2. Do you know whether your critical facilities will be operational after a hazard event?	<input checked="" type="checkbox"/>	
3. Is there enough data to determine which assets are subject to the greatest potential damages?	<input checked="" type="checkbox"/>	
4. Is there enough data to determine whether significant elements of the community are vulnerable to potential hazards?	<input checked="" type="checkbox"/>	
5. Is there enough data to determine whether certain areas of historic, environmental, political, or cultural significance are vulnerable to potential hazards?	<input checked="" type="checkbox"/>	
6. Is there concern about a particular hazard because of its severity, repetitiveness, or likelihood of occurrence?	<input checked="" type="checkbox"/>	
7. Is additional data needed to justify the expenditure of community or state funds for mitigation initiatives?		<input checked="" type="checkbox"/>

**Hazard: Wildfire**

Type of Structure (Occupancy Class)	Number of Structures			Value of Structures			Number of People		
	# in Community or State	# in Hazard Area	% in Hazard Area	\$ in Community or State	\$ in Hazard Area	% in Hazard Area	# in Community or State	# in Hazard Area	% in Hazard Area
<i>Residential</i>	31,431	14,911	47%	\$3,001,660,500	\$1,410,780,435	47%	69,099	32,477	47%
<i>Commercial</i>	1,666	250	15%	\$416,500,000	\$62,475,000	15%	23,582	3,537	15%
<i>Industrial</i>	127	10	8%	\$254,000,000	\$20,320,000	8%	1,797	144	8%
<i>Agricultural</i>	774	774	100%	\$8,235,360	\$8,235,360	100%	1,074	1,074	100%
<i>Religious/Non-Profit</i>	122	57	47%	\$18,300,000	\$8,601,000	47%	6,100	2,867	47%
<i>Government</i>	55	0	0%	\$82,500,000	\$0	0%	8,241	0	0%
<i>Education</i>	25	7	28%	\$167,000,000	\$46,760,000	28%	11,294	3,162	28%
<i>Utilities</i>	33	16	48%	\$49,500,000	\$23,760,000	48%	1,017	488	48%
<b>Total</b>	<b>34,233</b>	<b>16,025</b>	<b>47%</b>	<b>\$3,997,695,860</b>	<b>\$1,580,931,795</b>	<b>40%</b>	<b>122,204</b>	<b>43,749</b>	<b>36%</b>

	Yes	No
1. Do you know where your greatest damages may occur in your hazard areas?	X	
2. Do you know whether your critical facilities will be operational after a hazard event?	X	
3. Is there enough data to determine which assets are subject to the greatest potential damages?	X	
4. Is there enough data to determine whether significant elements of the community are vulnerable to potential hazards?	X	
5. Is there enough data to determine whether certain areas of historic, environmental, political, or cultural significance are vulnerable to potential hazards?	X	
6. Is there concern about a particular hazard because of its severity, repetitiveness, or likelihood of occurrence?	X	
7. Is additional data needed to justify the expenditure of community or state funds for mitigation initiatives?		X

**Hazard: Wind**

Type of Structure (Occupancy Class)	Number of Structures			Value of Structures			Number of People		
	# in Community or State	# in Hazard Area	% in Hazard Area	\$ in Community or State	\$ in Hazard Area	% in Hazard Area	# in Community or State	# in Hazard Area	% in Hazard Area
<i>Residential</i>	31,431	31,431	100%	\$3,001,660,500	\$60,033,210	2%	69,099	69,099	100%
<i>Commercial</i>	1,666	1,666	100%	\$416,500,000	\$8,330,000	2%	23,582	23,582	100%
<i>Industrial</i>	127	127	100%	\$254,000,000	\$5,080,000	2%	1,797	1,797	100%
<i>Agricultural</i>	774	774	100%	\$8,235,360	\$164,707	2%	1,074	1,074	100%
<i>Religious/Non-Profit</i>	122	122	100%	\$18,300,000	\$366,000	2%	6,100	6,100	100%
<i>Government</i>	55	55	100%	\$82,500,000	\$1,650,000	2%	8,241	8,241	100%
<i>Education</i>	25	25	100%	\$167,000,000	\$3,340,000	2%	11,294	11,294	100%
<i>Utilities</i>	33	33	100%	\$49,500,000	\$990,000	2%	1,017	1,017	100%
<b>Total</b>	<b>34,233</b>	<b>34,233</b>	<b>100%</b>	<b>\$3,997,695,860</b>	<b>\$79,953,917</b>	<b>2%</b>	<b>122,204</b>	<b>122,204</b>	<b>100%</b>

- |   | Yes | No |
|---|-----|----|
| 1. Do you know where your greatest damages may occur in your hazard areas?  | X   |    |
| 2. Do you know whether your critical facilities will be operational after a hazard event?   | X   |    |
| 3. Is there enough data to determine which assets are subject to the greatest potential damages?  | X   |    |
| 4. Is there enough data to determine whether significant elements of the community are vulnerable to potential hazards?   | X   |    |
| 5. Is there enough data to determine whether certain areas of historic, environmental, political, or cultural significance are vulnerable to potential hazards? | X   |    |
| 6. Is there concern about a particular hazard because of its severity, repetitiveness, or likelihood of occurrence?   | X   |    |
| 7. Is additional data needed to justify the expenditure of community or state funds for mitigation initiatives?   |     | X  |

**Hazard: Dam Failure (Harrison County)**

Name/Description of Asset	Structure Loss					Contents Loss				
	Structure Replacement Value (\$)	X	Percent Damage (%)	=	Loss to Structure (\$)	Replacement Value of Contents (\$)	X	Percent Damage (%)	=	Loss to Contents (\$)
Adamston Elementary	1,250,000.00	X	0%	=	\$0	750,000.00	X	0%	=	\$0
Anmoore FD	750,000.00	X	0%	=	\$0	3,250,000.00	X	0%	=	\$0
Big Elm Elementary	2,750,000.00	X	0%	=	\$0	925,000.00	X	0%	=	\$0
Bridgeport Office of Emergency Services (Bridgeport City Bldg.)	2,500,000.00	X	0%	=	\$0	1,375,000.00	X	0%	=	\$0
Bridgeport FD	3,800,000.00	X	0%	=	\$0	6,250,000.00	X	0%	=	\$0
Bridgeport High School	5,200,000.00	X	0%	=	\$0	1,650,000.00	X	0%	=	\$0
Bridgeport MS	3,800,000.00	X	0%	=	\$0	1,250,000.00	X	0%	=	\$0
Bridgeport Senior Center	250,000.00	X	0%	=	\$0	75,000.00	X	0%	=	\$0
Clarksburg Campus - Fairmont Stat College	2,200,000.00	X	0%	=	\$0	1,450,000.00	X	0%	=	\$0
Clarksburg Continuous Care Center	2,130,000.00	X	0%	=	\$0	850,000.00	X	0%	=	\$0
Clarksburg FD	6,225,000.00	X	0%	=	\$0	8,765,000.00	X	0%	=	\$0
Clarksburg Senior Center	750,000.00	X	0%	=	\$0	175,000.00	X	0%	=	\$0
Clarksburg Sewer Plant	3,250,000.00	X	0%	=	\$0	24,370,000.00	X	0%	=	\$0
Clarksburg Water Plant	4,500,000.00	X	0%	=	\$0	25,400,000.00	X	0%	=	\$0
Demyon's Golden Circle	225,000.00	X	0%	=	\$0	60,000.00	X	0%	=	\$0
Emmanuel Christian	1,625,000.00	X	0%	=	\$0	445,000.00	X	0%	=	\$0
Glaspell Lumber Co., Inc	650,000.00	X	15%	=	\$97,500	4,000,000.00	X	45%	=	\$1,800,000
Gore Middle School	5,500,000.00	X	0%	=	\$0	1,850,000.00	X	0%	=	\$0
Greater Harrison County Sewer Plant	1,200,000.00	X	0%	=	\$0	23,000,000.00	X	0%	=	\$0
Harden Elementary	1,650,000.00	X	15%	=	\$247,500	450,000.00	X	25%	=	\$112,500
Harrison County Bureau of Emergency Services	1,240,000.00	X	0%	=	\$0	2,650,000.00	X	0%	=	\$0

Harrison-Marion Regional Airport	750,650,000.00	X	0%	=	\$0	25,000,000.00	X	0%	=	\$0
Heartland of Clarksburg	1,300,000.00	X	0%	=	\$0	850,000.00	X	0%	=	\$0
Heritage Christian	5,250,000.00	X	0%	=	\$0	2,150,000.00	X	0%	=	\$0
Johnson ES	3,245,000.00	X	0%	=	\$0	1,250,000.00	X	0%	=	\$0
Johnstown FD	250,000.00	X	0%	=	\$0	750,000.00	X	0%	=	\$0
Liberty High School	11,325,000.00	X	0%	=	\$0	2,250,000.00	X	0%	=	\$0
Lincoln High School	14,475,000.00	X	0%	=	\$0	3,100,000.00	X	0%	=	\$0
Lost Creek Elementary	1,850,000.00	X	0%	=	\$0	900,000.00	X	0%	=	\$0
Lost Creek FD	250,000.00	X	0%	=	\$0	650,000.00	X	0%	=	\$0
Lost Creek Senior Center	65,000.00	X	0%	=	\$0	12,000.00	X	0%	=	\$0
Lumberport Elementary	2,750,000.00	X	0%	=	\$0	1,650,000.00	X	0%	=	\$0
Lumberport FD	275,000.00	X	0%	=	\$0	1,650,000.00	X	0%	=	\$0
Lumberport Middle School	3,750,000.00	X	0%	=	\$0	1,050,000.00	X	0%	=	\$0
Meadow View Manor Health Care Center	1,150,000.00	X	0%	=	\$0	650,000.00	X	0%	=	\$0
Medbrook	350,000.00	X	0%	=	\$0	2,500,000.00	X	0%	=	\$0
Mt. Clare FD	250,000.00	X	0%	=	\$0	1,150,000.00	X	0%	=	\$0
North View Elementary	2,475,000.00	X	0%	=	\$0	675,000.00	X	0%	=	\$0
Notre Dame High School	6,500,000.00	X	0%	=	\$0	2,150,000.00	X	0%	=	\$0
Nutter Fort Elementary	4,250,000.00	X	0%	=	\$0	2,250,000.00	X	0%	=	\$0
Nutter Fort FD	750,000.00	X	0%	=	\$0	2,850,000.00	X	0%	=	\$0
Premier Medical Group	350,000.00	X	0%	=	\$0	1,850,000.00	X	0%	=	\$0
Pressley Ridge	750,000.00	X	0%	=	\$0	275,000.00	X	0%	=	\$0
Residential	1,000,566,600.00	X	10%	=	\$100,056,660	0.00	X	0%	=	\$0
Reynoldsville FD	250,000.00	X	0%	=	\$0	750,000.00	X	0%	=	\$0
Rober C. Byrd High School	14,100,000.00	X	0%	=	\$0	6,750,000.00	X	0%	=	\$0
Salem FD	250,000.00	X	0%	=	\$0	1,150,000.00	X	0%	=	\$0
Salem International University	225,000,000.00	X	0%	=	\$0	105,000,000.00	X	0%	=	\$0
Salem Elem. School	1,400,000.00	X	15%	=	\$210,000	350,000.00	X	25%	=	\$87,500
Shinnston Clinic	110,000.00	X	0%	=	\$0	230,000.00	X	0%	=	\$0
Shinnston FD	1,250,000.00	X	0%	=	\$0	3,250,000.00	X	0%	=	\$0

Shinnston Sewer Plant	250,000.00	X	0%	=	\$0	14,275,000.00	X	0%	=	\$0
South Harrison Middle School	7,650,000.00	X	0%	=	\$0	2,150,000.00	X	0%	=	\$0
South Harrison High School	11,275,000.00	X	0%	=	\$0	3,250,000.00	X	0%	=	\$0
Spelter FD	250,000.00	X	0%	=	\$0	1,150,000.00	X	0%	=	\$0
St. Mary's Elementary School	2,125,000.00	X	0%	=	\$0	875,000.00	X	0%	=	\$0
Stonewood FD	350,000.00	X	0%	=	\$0	975,000.00	X	0%	=	\$0
Summit Park FD	175,000.00	X	0%	=	\$0	850,000.00	X	0%	=	\$0
Sunbridge Care and Reahabilitation	1,200,000.00	X	0%	=	\$0	425,000.00	X	0%	=	\$0
The Heritage	1,745,000.00	X	0%	=	\$0	510,000.00	X	0%	=	\$0
United Hospital Center	375,000,000.00	X	0%	=	\$0	200,000,000.00	X	0%	=	\$0
United Technical Center	1,425,000.00	X	0%	=	\$0	3,100,000.00	X	0%	=	\$0
VA Hospital	250,000,000.00	X	0%	=	\$0	115,000,000.00	X	0%	=	\$0
Van Horn Elementary	1,425,000.00	X	0%	=	\$0	750,000.00	X	0%	=	\$0
Wallace FD	150,000.00	X	0%	=	\$0	650,000.00	X	0%	=	\$0
West Milford Elementary	1,245,000.00	X	0%	=	\$0	850,000.00	X	0%	=	\$0
West Milford FD	175,000.00	X	0%	=	\$0	850,000.00	X	0%	=	\$0
West Milford Senior Center	1,250,000.00	X	0%	=	\$0	750,000.00	X	0%	=	\$0
West Virginia Division of Highways	350,000.00	X	0%	=	\$0	580,000.00	X	0%	=	\$0
Wilsonburg Elementary	1,500,000.00	X	0%	=	\$0	650,000.00	X	0%	=	\$0
WV Business College	350,000.00	X	0%	=	\$0	125,000.00	X	0%	=	\$0
WV Junior College	575,000.00	X	0%	=	\$0	250,000.00	X	0%	=	\$0
					\$100,611,660					\$2,000,000

**Hazard: Dam Failure (Harrison County)**

Name/Description of Asset	Structure Use and Function Loss									Structure + Contents + Function Loss
	Average Daily Operating Budget (\$)	X	Functional Downtime (# of days)	+	Displacement Cost per Day (\$)	X	Displacement Time (Days)	=	Structure Use & Function Loss (\$)	
Adamston Elementary	\$133,225	X	0	+	\$365	X	0	=	\$0	\$0
Anmoore FD	\$164,250	X	0	+	\$450	X	0	=	\$0	\$0
Big Elm Elementary	\$229,950	X	0	+	\$630	X	0	=	\$0	\$0
Bridgeport Office of Emergency Services (Bridgeport City Bldg.)	\$54,750	X	0	+	\$150	X	0	=	\$0	\$0
Bridgeport FD	\$602,250	X	0	+	\$1,650	X	0	=	\$0	\$0
Bridgeport High School	\$284,700	X	0	+	\$780	X	0	=	\$0	\$0
Bridgeport MS	\$273,750	X	0	+	\$750	X	0	=	\$0	\$0
Bridgeport Senior Center	\$54,750	X	0	+	\$150	X	0	=	\$0	\$0
Clarksburg Campus - Fairmont Stat College	\$69,350	X	0	+	\$190	X	0	=	\$0	\$0
Clarksburg Continuous Care Center	\$657,000	X	0	+	\$1,800	X	0	=	\$0	\$0
Clarksburg FD	\$91,250	X	0	+	\$250	X	0	=	\$0	\$0
Clarksburg Senior Center	\$65,700	X	0	+	\$180	X	0	=	\$0	\$0
Clarksburg Sewer Plant	\$200,750	X	0	+	\$550	X	0	=	\$0	\$0
Clarksburg Water Plant	\$182,500	X	0	+	\$500	X	0	=	\$0	\$0
Demyon's Golden Circle	\$60,225	X	0	+	\$165	X	0	=	\$0	\$0
Emmanuel Christian	\$127,750	X	0	+	\$350	X	0	=	\$0	\$0
Glaspell Lumber Co., Inc	\$76,650	X	30	+	\$210	X	90	=	\$2,318,400	\$4,215,900
Gore Middle School	\$273,750	X	0	+	\$750	X	0	=	\$0	\$0
Greater Harrison County Sewer Plant	\$173,375	X	0	+	\$475	X	0	=	\$0	\$0
Harden Elementary	\$89,425	X	0	+	\$245	X	0	=	\$0	\$360,000

Harrison County Bureau of Emergency Services	\$164,250	X	0	+	\$450	X	0	=	\$0	\$0
Harrison-Marion Regional Airport	\$1,533,000	X	0	+	\$4,200	X	0	=	\$0	\$0
Heartland of Clarksburg	\$657,000	X	0	+	\$1,800	X	0	=	\$0	\$0
Heritage Christian Johnson ES	\$345,900	X	0	+	\$620	X	0	=	\$0	\$0
Johnstown FD	\$40,150	X	0	+	\$110	X	0	=	\$0	\$0
Liberty High School	\$246,375	X	0	+	\$675	X	0	=	\$0	\$0
Lincoln High School	\$262,800	X	0	+	\$720	X	0	=	\$0	\$0
Lost Creek Elementary	\$136,875	X	0	+	\$375	X	0	=	\$0	\$0
Lost Creek FD	\$54,750	X	0	+	\$150	X	0	=	\$0	\$0
Lost Creek Senior Center	\$31,025	X	0	+	\$85	X	0	=	\$0	\$0
Lumberport Elementary	\$164,250	X	0	+	\$450	X	0	=	\$0	\$0
Lumberport FD	\$82,125	X	0	+	\$225	X	0	=	\$0	\$0
Lumberport Middle School	\$173,375	X	0	+	\$475	X	0	=	\$0	\$0
Meadow View Manor Health Care Center	\$511,000	X	0	+	\$1,400	X	0	=	\$0	\$0
Medbrook	\$547,500	X	0	+	\$1,500	X	0	=	\$0	\$0
Mt. Clare FD	\$54,750	X	0	+	\$150	X	0	=	\$0	\$0
North View Elementary	\$169,725	X	0	+	\$465	X	0	=	\$0	\$0
Notre Dame High School	\$231,775	X	0	+	\$635	X	0	=	\$0	\$0
Nutter Fort Elementary	\$328,500	X	0	+	\$900	X	0	=	\$0	\$0
Nutter Fort FD	\$82,125	X	0	+	\$225	X	0	=	\$0	\$0
Premier Medical Group	\$912,500	X	0	+	\$2,500	X	0	=	\$0	\$0
Pressley Ridge	\$310,250	X	0	+	\$850	X	0	=	\$0	\$0
Residential	\$0	X	0	+	\$0	X	90	=	\$0	\$100,056,660
Reynoldsville FD	\$40,150	X	0	+	\$110	X	0	=	\$0	\$0
Rober C. Byrd High School	\$341,275	X	0	+	\$935	X	0	=	\$0	\$0
Salem FD	\$40,150	X	0	+	\$110	X	0	=	\$0	\$0
Salem International University	\$2,007,500	X	0	+	\$5,500	X	0	=	\$0	\$0

Salem Elem. School	\$173,375	X	15	+	\$475	X	90	=	\$2,643,375	\$2,940,875
Shinnston Clinic	\$657,000	X	0	+	\$1,800	X	0	=	\$0	\$0
Shinnston FD	\$60,225	X	0	+	\$165	X	0	=	\$0	\$0
Shinnston Sewer Plant	\$246,375	X	0	+	\$675	X	0	=	\$0	\$0
South Harrison Middle School	\$213,525	X	0	+	\$585	X	0	=	\$0	\$0
South Harrison High School	\$237,250	X	0	+	\$650	X	0	=	\$0	\$0
Spelter FD	\$40,150	X	0	+	\$110	X	0	=	\$0	\$0
St. Mary's Elementary School	\$175,200	X	0	+	\$480	X	0	=	\$0	\$0
Stonewood FD	\$40,150	X	0	+	\$110	X	0	=	\$0	\$0
Summit Park FD	\$36,500	X	0	+	\$100	X	0	=	\$0	\$0
Sunbridge Care and Reahabilitation	\$803,000	X	0	+	\$2,200	X	0	=	\$0	\$0
The Heritage	\$328,500	X	0	+	\$900	X	0	=	\$0	\$0
United Hospital Center	\$4,380,000	X	0	+	\$12,000	X	0	=	\$0	\$0
United Technical Center	\$155,125	X	0	+	\$425	X	0	=	\$0	\$0
VA Hospital	\$4,106,250	X	0	+	\$11,250	X	0	=	\$0	\$0
Van Horn Elementary	\$169,725	X	0	+	\$465	X	0	=	\$0	\$0
Wallace FD	\$36,500	X	0	+	\$100	X	0	=	\$0	\$0
West Milford Elementary	\$177,025	X	0	+	\$485	X	0	=	\$0	\$0
West Milford FD	\$38,325	X	0	+	\$105	X	0	=	\$0	\$0
West Milford Senior Center	\$169,725	X	0	+	\$465	X	0	=	\$0	\$0
West Virginia Division of Highways	\$79,850	X	0	+	\$360	X	0	=	\$0	\$0
Wilsonburg Elementary	\$146,000	X	0	+	\$400	X	0	=	\$0	\$0
WV Business College	\$91,250	X	0	+	\$250	X	0	=	\$0	\$0
WV Junior College	\$127,750	X	0	+	\$350	X	0	=	\$0	\$0
									\$4,961,775	\$107,573,435

**Hazard: Drought (Harrison County)**

Name/Description of Asset	Structure Loss					Contents Loss				
	Structure Replacement Value (\$)	X	Percent Damage (%)	=	Loss to Structure (\$)	Replacement Value of Contents (\$)	X	Percent Damage (%)	=	Loss to Contents (\$)
Adamston Elementary	1,250,000.00	X	0%	=	\$0	750,000.00	X	0%	=	\$0
Anmoore FD	750,000.00	X	0%	=	\$0	3,250,000.00	X	0%	=	\$0
Big Elm Elementary	2,750,000.00	X	0%	=	\$0	925,000.00	X	0%	=	\$0
Bridgeport Office of Emergency Services (Bridgeport City Bldg.)	2,500,000.00	X	0%	=	\$0	1,375,000.00	X	0%	=	\$0
Bridgeport FD	3,800,000.00	X	0%	=	\$0	6,250,000.00	X	0%	=	\$0
Bridgeport High School	5,200,000.00	X	0%	=	\$0	1,650,000.00	X	0%	=	\$0
Bridgeport MS	3,800,000.00	X	0%	=	\$0	1,250,000.00	X	0%	=	\$0
Bridgeport Senior Center	250,000.00	X	0%	=	\$0	75,000.00	X	0%	=	\$0
Clarksburg Campus - Fairmont Stat College	2,200,000.00	X	0%	=	\$0	1,450,000.00	X	0%	=	\$0
Clarksburg Continuous Care Center	2,130,000.00	X	0%	=	\$0	850,000.00	X	0%	=	\$0
Clarksburg FD	6,225,000.00	X	0%	=	\$0	8,765,000.00	X	0%	=	\$0
Clarksburg Senior Center	750,000.00	X	0%	=	\$0	175,000.00	X	0%	=	\$0
Clarksburg Sewer Plant	3,250,000.00	X	0%	=	\$0	24,370,000.00	X	0%	=	\$0
Clarksburg Water Plant	4,500,000.00	X	0%	=	\$0	25,400,000.00	X	0%	=	\$0
Demyon's Golden Circle	225,000.00	X	0%	=	\$0	60,000.00	X	0%	=	\$0
Emmanuel Christian	1,625,000.00	X	0%	=	\$0	445,000.00	X	0%	=	\$0
Glaspell Lumber Co., Inc	650,000.00	X	0%	=	\$0	4,000,000.00	X	0%	=	\$0
Gore Middle School	5,500,000.00	X	0%	=	\$0	1,850,000.00	X	0%	=	\$0
Greater Harrison County Sewer Plant	1,200,000.00	X	0%	=	\$0	23,000,000.00	X	0%	=	\$0
Harden Elementary	1,650,000.00	X	0%	=	\$0	450,000.00	X	0%	=	\$0
Harrison County Bureau of Emergency Services	1,240,000.00	X	0%	=	\$0	2,650,000.00	X	0%	=	\$0

Harrison-Marion Regional Airport	750,650,000.00	X	0%	=	\$0	25,000,000.00	X	0%	=	\$0
Heartland of Clarksburg	1,300,000.00	X	0%	=	\$0	850,000.00	X	0%	=	\$0
Heritage Christian	5,250,000.00	X	0%	=	\$0	2,150,000.00	X	0%	=	\$0
Johnson ES	3,245,000.00	X	0%	=	\$0	1,250,000.00	X	0%	=	\$0
Johnstown FD	250,000.00	X	0%	=	\$0	750,000.00	X	0%	=	\$0
Liberty High School	11,325,000.00	X	0%	=	\$0	2,250,000.00	X	0%	=	\$0
Lincoln High School	14,475,000.00	X	0%	=	\$0	3,100,000.00	X	0%	=	\$0
Lost Creek Elementary	1,850,000.00	X	0%	=	\$0	900,000.00	X	0%	=	\$0
Lost Creek FD	250,000.00	X	0%	=	\$0	650,000.00	X	0%	=	\$0
Lost Creek Senior Center	65,000.00	X	0%	=	\$0	12,000.00	X	0%	=	\$0
Lumberport Elementary	2,750,000.00	X	0%	=	\$0	1,650,000.00	X	0%	=	\$0
Lumberport FD	275,000.00	X	0%	=	\$0	1,650,000.00	X	0%	=	\$0
Lumberport Middle School	3,750,000.00	X	0%	=	\$0	1,050,000.00	X	0%	=	\$0
Meadow View Manor Health Care Center	1,150,000.00	X	0%	=	\$0	650,000.00	X	0%	=	\$0
Medbrook	350,000.00	X	0%	=	\$0	2,500,000.00	X	0%	=	\$0
Mt. Clare FD	250,000.00	X	0%	=	\$0	1,150,000.00	X	0%	=	\$0
North View Elementary	2,475,000.00	X	0%	=	\$0	675,000.00	X	0%	=	\$0
Notre Dame High School	6,500,000.00	X	0%	=	\$0	2,150,000.00	X	0%	=	\$0
Nutter Fort Elementary	4,250,000.00	X	0%	=	\$0	2,250,000.00	X	0%	=	\$0
Nutter Fort FD	750,000.00	X	0%	=	\$0	2,850,000.00	X	0%	=	\$0
Premier Medical Group	350,000.00	X	0%	=	\$0	1,850,000.00	X	0%	=	\$0
Pressley Ridge	750,000.00	X	0%	=	\$0	275,000.00	X	0%	=	\$0
Residential	1,000,566,600.00	X	0%	=	\$0	0.00	X	0%	=	\$0
Reynoldsville FD	250,000.00	X	0%	=	\$0	750,000.00	X	0%	=	\$0
Rober C. Byrd High School	14,100,000.00	X	0%	=	\$0	6,750,000.00	X	0%	=	\$0
Salem FD	250,000.00	X	0%	=	\$0	1,150,000.00	X	0%	=	\$0
Salem International University	225,000,000.00	X	0%	=	\$0	105,000,000.00	X	0%	=	\$0
Salem Elem. School	1,400,000.00	X	0%	=	\$0	350,000.00	X	0%	=	\$0
Shinnston Clinic	110,000.00	X	0%	=	\$0	230,000.00	X	0%	=	\$0
Shinnston FD	1,250,000.00	X	0%	=	\$0	3,250,000.00	X	0%	=	\$0

Shinnston Sewer Plant	250,000.00	X	0%	=	\$0	14,275,000.00	X	0%	=	\$0
South Harrison Middle School	7,650,000.00	X	0%	=	\$0	2,150,000.00	X	0%	=	\$0
South Harrison High School	11,275,000.00	X	0%	=	\$0	3,250,000.00	X	0%	=	\$0
Spelter FD	250,000.00	X	0%	=	\$0	1,150,000.00	X	0%	=	\$0
St. Mary's Elementary School	2,125,000.00	X	0%	=	\$0	875,000.00	X	0%	=	\$0
Stonewood FD	350,000.00	X	0%	=	\$0	975,000.00	X	0%	=	\$0
Summit Park FD	175,000.00	X	0%	=	\$0	850,000.00	X	0%	=	\$0
Sunbridge Care and Reahabilitation	1,200,000.00	X	0%	=	\$0	425,000.00	X	0%	=	\$0
The Heritage	1,745,000.00	X	0%	=	\$0	510,000.00	X	0%	=	\$0
United Hospital Center	375,000,000.00	X	0%	=	\$0	200,000,000.00	X	0%	=	\$0
United Technical Center	1,425,000.00	X	0%	=	\$0	3,100,000.00	X	0%	=	\$0
VA Hospital	250,000,000.00	X	0%	=	\$0	115,000,000.00	X	0%	=	\$0
Van Horn Elementary	1,425,000.00	X	0%	=	\$0	750,000.00	X	0%	=	\$0
Wallace FD	150,000.00	X	0%	=	\$0	650,000.00	X	0%	=	\$0
West Milford Elementary	1,245,000.00	X	0%	=	\$0	850,000.00	X	0%	=	\$0
West Milford FD	175,000.00	X	0%	=	\$0	850,000.00	X	0%	=	\$0
West Milford Senior Center	1,250,000.00	X	0%	=	\$0	750,000.00	X	0%	=	\$0
West Virginia Division of Highways	350,000.00	X	0%	=	\$0	580,000.00	X	0%	=	\$0
Wilsonburg Elementary	1,500,000.00	X	0%	=	\$0	650,000.00	X	0%	=	\$0
WV Business College	350,000.00	X	0%	=	\$0	125,000.00	X	0%	=	\$0
WV Junior College	575,000.00	X	0%	=	\$0	250,000.00	X	0%	=	\$0
					\$0					\$0

### Hazard: Drought (Harrison County)

Name/Description of Asset	Structure Use and Function Loss									Structure + Contents + Function Loss
	Average Daily Operating Budget (\$)	X	Functional Downtime (# of days)	+	Displacement Cost per Day (\$)	X	Displacement Time (Days)	=	Structure Use & Function Loss (\$)	
Adamston Elementary	\$133,225	X	0	+	\$365	X	0	=	\$0	\$0
Anmoore FD	\$164,250	X	0	+	\$450	X	0	=	\$0	\$0
Big Elm Elementary	\$229,950	X	0	+	\$630	X	0	=	\$0	\$0
Bridgeport Office of Emergency Services (Bridgeport City Bldg.)	\$54,750	X	0	+	\$150	X	0	=	\$0	\$0
Bridgeport FD	\$602,250	X	0	+	\$1,650	X	0	=	\$0	\$0
Bridgeport High School	\$284,700	X	0	+	\$780	X	0	=	\$0	\$0
Bridgeport MS	\$273,750	X	0	+	\$750	X	0	=	\$0	\$0
Bridgeport Senior Center	\$54,750	X	0	+	\$150	X	0	=	\$0	\$0
Clarksburg Campus - Fairmont Stat College	\$69,350	X	0	+	\$190	X	0	=	\$0	\$0
Clarksburg Continuous Care Center	\$657,000	X	0	+	\$1,800	X	0	=	\$0	\$0
Clarksburg FD	\$91,250	X	0	+	\$250	X	0	=	\$0	\$0
Clarksburg Senior Center	\$65,700	X	0	+	\$180	X	0	=	\$0	\$0
Clarksburg Sewer Plant	\$200,750	X	0	+	\$550	X	0	=	\$0	\$0
Clarksburg Water Plant	\$182,500	X	0	+	\$500	X	0	=	\$0	\$0
Demyon's Golden Circle	\$60,225	X	0	+	\$165	X	0	=	\$0	\$0
Emmanuel Christian	\$127,750	X	0	+	\$350	X	0	=	\$0	\$0
Glaspell Lumber Co., Inc	\$76,650	X	0	+	\$210	X	0	=	\$0	\$0
Gore Middle School	\$273,750	X	0	+	\$750	X	0	=	\$0	\$0
Greater Harrison County Sewer Plant	\$173,375	X	0	+	\$475	X	0	=	\$0	\$0
Harden Elementary	\$89,425	X	0	+	\$245	X	0	=	\$0	\$0

Harrison County Bureau of Emergency Services	\$164,250	X	0	+	\$450	X	0	=	\$0	\$0
Harrison-Marion Regional Airport	\$1,533,000	X	0	+	\$4,200	X	0	=	\$0	\$0
Heartland of Clarksburg	\$657,000	X	0	+	\$1,800	X	0	=	\$0	\$0
Heritage Christian Johnson ES	\$345,900	X	0	+	\$620	X	0	=	\$0	\$0
Johnstown FD	\$40,150	X	0	+	\$110	X	0	=	\$0	\$0
Liberty High School	\$246,375	X	0	+	\$675	X	0	=	\$0	\$0
Lincoln High School	\$262,800	X	0	+	\$720	X	0	=	\$0	\$0
Lost Creek Elementary	\$136,875	X	0	+	\$375	X	0	=	\$0	\$0
Lost Creek FD	\$54,750	X	0	+	\$150	X	0	=	\$0	\$0
Lost Creek Senior Center	\$31,025	X	0	+	\$85	X	0	=	\$0	\$0
Lumberport Elementary	\$164,250	X	0	+	\$450	X	0	=	\$0	\$0
Lumberport FD	\$82,125	X	0	+	\$225	X	0	=	\$0	\$0
Lumberport Middle School	\$173,375	X	0	+	\$475	X	0	=	\$0	\$0
Meadow View Manor Health Care Center	\$511,000	X	0	+	\$1,400	X	0	=	\$0	\$0
Medbrook	\$547,500	X	0	+	\$1,500	X	0	=	\$0	\$0
Mt. Clare FD	\$54,750	X	0	+	\$150	X	0	=	\$0	\$0
North View Elementary	\$169,725	X	0	+	\$465	X	0	=	\$0	\$0
Notre Dame High School	\$231,775	X	0	+	\$635	X	0	=	\$0	\$0
Nutter Fort Elementary	\$328,500	X	0	+	\$900	X	0	=	\$0	\$0
Nutter Fort FD	\$82,125	X	0	+	\$225	X	0	=	\$0	\$0
Premier Medical Group	\$912,500	X	0	+	\$2,500	X	0	=	\$0	\$0
Pressley Ridge	\$310,250	X	0	+	\$850	X	0	=	\$0	\$0
Residential	\$0	X	0	+	\$0	X	0	=	\$0	\$0
Reynoldsville FD	\$40,150	X	0	+	\$110	X	0	=	\$0	\$0
Rober C. Byrd High School	\$341,275	X	0	+	\$935	X	0	=	\$0	\$0
Salem FD	\$40,150	X	0	+	\$110	X	0	=	\$0	\$0
Salem International University	\$2,007,500	X	0	+	\$5,500	X	0	=	\$0	\$0



**Hazard: Earthquake (Harrison County)**

Name/Description of Asset	Structure Loss					Contents Loss				
	Structure Replacement Value (\$)	X	Percent Damage (%)	=	Loss to Structure (\$)	Replacement Value of Contents (\$)	X	Percent Damage (%)	=	Loss to Contents (\$)
Adamston Elementary	1,250,000.00	X	0%	=	\$0	750,000.00	X	0%	=	\$0
Anmoore FD	750,000.00	X	0%	=	\$0	3,250,000.00	X	0%	=	\$0
Big Elm Elementary	2,750,000.00	X	0%	=	\$0	925,000.00	X	0%	=	\$0
Bridgeport Office of Emergency Services (Bridgeport City Bldg.)	2,500,000.00	X	0%	=	\$0	1,375,000.00	X	0%	=	\$0
Bridgeport FD	3,800,000.00	X	0%	=	\$0	6,250,000.00	X	0%	=	\$0
Bridgeport High School	5,200,000.00	X	0%	=	\$0	1,650,000.00	X	0%	=	\$0
Bridgeport MS	3,800,000.00	X	0%	=	\$0	1,250,000.00	X	0%	=	\$0
Bridgeport Senior Center	250,000.00	X	0%	=	\$0	75,000.00	X	0%	=	\$0
Clarksburg Campus - Fairmont Stat College	2,200,000.00	X	0%	=	\$0	1,450,000.00	X	0%	=	\$0
Clarksburg Continuous Care Center	2,130,000.00	X	0%	=	\$0	850,000.00	X	0%	=	\$0
Clarksburg FD	6,225,000.00	X	0%	=	\$0	8,765,000.00	X	0%	=	\$0
Clarksburg Senior Center	750,000.00	X	0%	=	\$0	175,000.00	X	0%	=	\$0
Clarksburg Sewer Plant	3,250,000.00	X	0%	=	\$0	24,370,000.00	X	0%	=	\$0
Clarksburg Water Plant	4,500,000.00	X	0%	=	\$0	25,400,000.00	X	0%	=	\$0
Demyon's Golden Circle	225,000.00	X	0%	=	\$0	60,000.00	X	0%	=	\$0
Emmanuel Christian	1,625,000.00	X	0%	=	\$0	445,000.00	X	0%	=	\$0
Glaspell Lumber Co., Inc	650,000.00	X	0%	=	\$0	4,000,000.00	X	0%	=	\$0
Gore Middle School	5,500,000.00	X	0%	=	\$0	1,850,000.00	X	0%	=	\$0
Greater Harrison County Sewer Plant	1,200,000.00	X	0%	=	\$0	23,000,000.00	X	0%	=	\$0
Harden Elementary	1,650,000.00	X	0%	=	\$0	450,000.00	X	0%	=	\$0
Harrison County Bureau of Emergency Services	1,240,000.00	X	0%	=	\$0	2,650,000.00	X	0%	=	\$0

Harrison-Marion Regional Airport	750,650,000.00	X	0%	=	\$0	25,000,000.00	X	0%	=	\$0
Heartland of Clarksburg	1,300,000.00	X	0%	=	\$0	850,000.00	X	0%	=	\$0
Heritage Christian	5,250,000.00	X	0%	=	\$0	2,150,000.00	X	0%	=	\$0
Johnson ES	3,245,000.00	X	0%	=	\$0	1,250,000.00	X	0%	=	\$0
Johnstown FD	250,000.00	X	0%	=	\$0	750,000.00	X	0%	=	\$0
Liberty High School	11,325,000.00	X	0%	=	\$0	2,250,000.00	X	0%	=	\$0
Lincoln High School	14,475,000.00	X	0%	=	\$0	3,100,000.00	X	0%	=	\$0
Lost Creek Elementary	1,850,000.00	X	0%	=	\$0	900,000.00	X	0%	=	\$0
Lost Creek FD	250,000.00	X	0%	=	\$0	650,000.00	X	0%	=	\$0
Lost Creek Senior Center	65,000.00	X	0%	=	\$0	12,000.00	X	0%	=	\$0
Lumberport Elementary	2,750,000.00	X	0%	=	\$0	1,650,000.00	X	0%	=	\$0
Lumberport FD	275,000.00	X	0%	=	\$0	1,650,000.00	X	0%	=	\$0
Lumberport Middle School	3,750,000.00	X	0%	=	\$0	1,050,000.00	X	0%	=	\$0
Meadow View Manor Health Care Center	1,150,000.00	X	0%	=	\$0	650,000.00	X	0%	=	\$0
Medbrook	350,000.00	X	0%	=	\$0	2,500,000.00	X	0%	=	\$0
Mt. Clare FD	250,000.00	X	0%	=	\$0	1,150,000.00	X	0%	=	\$0
North View Elementary	2,475,000.00	X	0%	=	\$0	675,000.00	X	0%	=	\$0
Notre Dame High School	6,500,000.00	X	0%	=	\$0	2,150,000.00	X	0%	=	\$0
Nutter Fort Elementary	4,250,000.00	X	0%	=	\$0	2,250,000.00	X	0%	=	\$0
Nutter Fort FD	750,000.00	X	0%	=	\$0	2,850,000.00	X	0%	=	\$0
Premier Medical Group	350,000.00	X	0%	=	\$0	1,850,000.00	X	0%	=	\$0
Pressley Ridge	750,000.00	X	0%	=	\$0	275,000.00	X	0%	=	\$0
Residential	1,000,566,600.00	X	0%	=	\$0	0.00	X	0%	=	\$0
Reynoldsville FD	250,000.00	X	0%	=	\$0	750,000.00	X	0%	=	\$0
Rober C. Byrd High School	14,100,000.00	X	0%	=	\$0	6,750,000.00	X	0%	=	\$0
Salem FD	250,000.00	X	0%	=	\$0	1,150,000.00	X	0%	=	\$0
Salem International University	225,000,000.00	X	0%	=	\$0	105,000,000.00	X	0%	=	\$0
Salem Elem. School	1,400,000.00	X	0%	=	\$0	350,000.00	X	0%	=	\$0
Shinnston Clinic	110,000.00	X	0%	=	\$0	230,000.00	X	0%	=	\$0
Shinnston FD	1,250,000.00	X	0%	=	\$0	3,250,000.00	X	0%	=	\$0

Shinnston Sewer Plant	250,000.00	X	0%	=	\$0	14,275,000.00	X	0%	=	\$0
South Harrison Middle School	7,650,000.00	X	0%	=	\$0	2,150,000.00	X	0%	=	\$0
South Harrison High School	11,275,000.00	X	0%	=	\$0	3,250,000.00	X	0%	=	\$0
Spelter FD	250,000.00	X	0%	=	\$0	1,150,000.00	X	0%	=	\$0
St. Mary's Elementary School	2,125,000.00	X	0%	=	\$0	875,000.00	X	0%	=	\$0
Stonewood FD	350,000.00	X	0%	=	\$0	975,000.00	X	0%	=	\$0
Summit Park FD	175,000.00	X	0%	=	\$0	850,000.00	X	0%	=	\$0
Sunbridge Care and Reahabilitation	1,200,000.00	X	0%	=	\$0	425,000.00	X	0%	=	\$0
The Heritage	1,745,000.00	X	0%	=	\$0	510,000.00	X	0%	=	\$0
United Hospital Center	375,000,000.00	X	0%	=	\$0	200,000,000.00	X	0%	=	\$0
United Technical Center	1,425,000.00	X	0%	=	\$0	3,100,000.00	X	0%	=	\$0
VA Hospital	250,000,000.00	X	0%	=	\$0	115,000,000.00	X	0%	=	\$0
Van Horn Elementary	1,425,000.00	X	0%	=	\$0	750,000.00	X	0%	=	\$0
Wallace FD	150,000.00	X	0%	=	\$0	650,000.00	X	0%	=	\$0
West Milford Elementary	1,245,000.00	X	0%	=	\$0	850,000.00	X	0%	=	\$0
West Milford FD	175,000.00	X	0%	=	\$0	850,000.00	X	0%	=	\$0
West Milford Senior Center	1,250,000.00	X	0%	=	\$0	750,000.00	X	0%	=	\$0
West Virginia Division of Highways	350,000.00	X	0%	=	\$0	580,000.00	X	0%	=	\$0
Wilsonburg Elementary	1,500,000.00	X	0%	=	\$0	650,000.00	X	0%	=	\$0
WV Business College	350,000.00	X	0%	=	\$0	125,000.00	X	0%	=	\$0
WV Junior College	575,000.00	X	0%	=	\$0	250,000.00	X	0%	=	\$0
					\$0					\$0

**Hazard: Earthquake (Harrison County)**

Name/Description of Asset	Structure Use and Function Loss									Structure + Contents + Function Loss
	Average Daily Operating Budget (\$)	X	Functional Downtime (# of days)	+	Displacement Cost per Day (\$)	X	Displacement Time (Days)	=	Structure Use & Function Loss (\$)	
Adamston Elementary	\$133,225	X	0	+	\$365	X	0	=	\$0	\$0
Anmoore FD	\$164,250	X	0	+	\$450	X	0	=	\$0	\$0
Big Elm Elementary	\$229,950	X	0	+	\$630	X	0	=	\$0	\$0
Bridgeport Office of Emergency Services (Bridgeport City Bldg.)	\$54,750	X	0	+	\$150	X	0	=	\$0	\$0
Bridgeport FD	\$602,250	X	0	+	\$1,650	X	0	=	\$0	\$0
Bridgeport High School	\$284,700	X	0	+	\$780	X	0	=	\$0	\$0
Bridgeport MS	\$273,750	X	0	+	\$750	X	0	=	\$0	\$0
Bridgeport Senior Center	\$54,750	X	0	+	\$150	X	0	=	\$0	\$0
Clarksburg Campus - Fairmont Stat College	\$69,350	X	0	+	\$190	X	0	=	\$0	\$0
Clarksburg Continuous Care Center	\$657,000	X	0	+	\$1,800	X	0	=	\$0	\$0
Clarksburg FD	\$91,250	X	0	+	\$250	X	0	=	\$0	\$0
Clarksburg Senior Center	\$65,700	X	0	+	\$180	X	0	=	\$0	\$0
Clarksburg Sewer Plant	\$200,750	X	0	+	\$550	X	0	=	\$0	\$0
Clarksburg Water Plant	\$182,500	X	0	+	\$500	X	0	=	\$0	\$0
Demyon's Golden Circle	\$60,225	X	0	+	\$165	X	0	=	\$0	\$0
Emmanuel Christian	\$127,750	X	0	+	\$350	X	0	=	\$0	\$0
Glaspell Lumber Co., Inc	\$76,650	X	0	+	\$210	X	0	=	\$0	\$0
Gore Middle School	\$273,750	X	0	+	\$750	X	0	=	\$0	\$0
Greater Harrison County Sewer Plant	\$173,375	X	0	+	\$475	X	0	=	\$0	\$0
Harden Elementary	\$89,425	X	0	+	\$245	X	0	=	\$0	\$0

Harrison County Bureau of Emergency Services	\$164,250	X	0	+	\$450	X	0	=	\$0	\$0
Harrison-Marion Regional Airport	\$1,533,000	X	0	+	\$4,200	X	0	=	\$0	\$0
Heartland of Clarksburg	\$657,000	X	0	+	\$1,800	X	0	=	\$0	\$0
Heritage Christian Johnson ES	\$345,900	X	0	+	\$620	X	0	=	\$0	\$0
Johnstown FD	\$40,150	X	0	+	\$110	X	0	=	\$0	\$0
Liberty High School	\$246,375	X	0	+	\$675	X	0	=	\$0	\$0
Lincoln High School	\$262,800	X	0	+	\$720	X	0	=	\$0	\$0
Lost Creek Elementary	\$136,875	X	0	+	\$375	X	0	=	\$0	\$0
Lost Creek FD	\$54,750	X	0	+	\$150	X	0	=	\$0	\$0
Lost Creek Senior Center	\$31,025	X	0	+	\$85	X	0	=	\$0	\$0
Lumberport Elementary	\$164,250	X	0	+	\$450	X	0	=	\$0	\$0
Lumberport FD	\$82,125	X	0	+	\$225	X	0	=	\$0	\$0
Lumberport Middle School	\$173,375	X	0	+	\$475	X	0	=	\$0	\$0
Meadow View Manor Health Care Center	\$511,000	X	0	+	\$1,400	X	0	=	\$0	\$0
Medbrook	\$547,500	X	0	+	\$1,500	X	0	=	\$0	\$0
Mt. Clare FD	\$54,750	X	0	+	\$150	X	0	=	\$0	\$0
North View Elementary	\$169,725	X	0	+	\$465	X	0	=	\$0	\$0
Notre Dame High School	\$231,775	X	0	+	\$635	X	0	=	\$0	\$0
Nutter Fort Elementary	\$328,500	X	0	+	\$900	X	0	=	\$0	\$0
Nutter Fort FD	\$82,125	X	0	+	\$225	X	0	=	\$0	\$0
Premier Medical Group	\$912,500	X	0	+	\$2,500	X	0	=	\$0	\$0
Pressley Ridge	\$310,250	X	0	+	\$850	X	0	=	\$0	\$0
Residential	\$0	X	0	+	\$0	X	0	=	\$0	\$0
Reynoldsville FD	\$40,150	X	0	+	\$110	X	0	=	\$0	\$0
Rober C. Byrd High School	\$341,275	X	0	+	\$935	X	0	=	\$0	\$0
Salem FD	\$40,150	X	0	+	\$110	X	0	=	\$0	\$0
Salem International University	\$2,007,500	X	0	+	\$5,500	X	0	=	\$0	\$0



**Hazard: Flooding (Harrison County)**

Name/Description of Asset	Structure Loss					Contents Loss				
	Structure Replacement Value (\$)	X	Percent Damage (%)	=	Loss to Structure (\$)	Replacement Value of Contents (\$)	X	Percent Damage (%)	=	Loss to Contents (\$)
Adamston Elementary	1,250,000.00	X	0%	=	\$0	750,000.00	X	0%	=	\$0
Anmoore FD	750,000.00	X	10%	=	\$75,000	3,250,000.00	X	0%	=	\$0
Big Elm Elementary	2,750,000.00	X	0%	=	\$0	925,000.00	X	0%	=	\$0
Bridgeport Office of Emergency Services (Bridgeport City Bldg.)	2,500,000.00	X	10%	=	\$250,000	1,375,000.00	X	5%	=	\$68,750
Bridgeport FD	3,800,000.00	X	10%	=	\$380,000	6,250,000.00	X	15%	=	\$937,500
Bridgeport High School	5,200,000.00	X	1%	=	\$52,000	1,650,000.00	X	1%	=	\$16,500
Bridgeport MS	3,800,000.00	X	1%	=	\$38,000	1,250,000.00	X	1%	=	\$12,500
Bridgeport Senior Center	250,000.00	X	0%	=	\$0	75,000.00	X	0%	=	\$0
Clarksburg Campus - Fairmont State College	2,200,000.00	X	0%	=	\$0	1,450,000.00	X	0%	=	\$0
Clarksburg Continuous Care Center	2,130,000.00	X	1%	=	\$21,300	850,000.00	X	3%	=	\$25,500
Clarksburg FD	6,225,000.00	X	0%	=	\$0	8,765,000.00	X	0%	=	\$0
Clarksburg Senior Center	750,000.00	X	0%	=	\$0	175,000.00	X	0%	=	\$0
Clarksburg Sewer Plant	3,250,000.00	X	40%	=	\$1,300,000	24,370,000.00	X	75%	=	\$18,277,500
Clarksburg Water Plant	4,500,000.00	X	0%	=	\$0	25,400,000.00	X	0%	=	\$0
Demyon's Golden Circle	225,000.00	X	0%	=	\$0	60,000.00	X	0%	=	\$0
Emmanuel Christian	1,625,000.00	X	0%	=	\$0	445,000.00	X	0%	=	\$0
Glaspell Lumber Co., Inc	650,000.00	X	0%	=	\$0	4,000,000.00	X	0%	=	\$0
Gore Middle School	5,500,000.00	X	0%	=	\$0	1,850,000.00	X	0%	=	\$0
Greater Harrison County Sewer Plant	1,200,000.00	X	0%	=	\$0	23,000,000.00	X	0%	=	\$0
Harden Elementary	1,650,000.00	X	0%	=	\$0	450,000.00	X	0%	=	\$0
Harrison County Bureau of Emergency Services	1,240,000.00	X	0%	=	\$0	2,650,000.00	X	0%	=	\$0

Harrison-Marion Regional Airport	750,650,000.00	X	0%	=	\$0	25,000,000.00	X	0%	=	\$0
Heartland of Clarksburg	1,300,000.00	X	0%	=	\$0	850,000.00	X	0%	=	\$0
Heritage Christian	5,250,000.00	X	0%	=	\$0	2,150,000.00	X	0%	=	\$0
Johnson ES	3,245,000.00	X	1%	=	\$32,450	1,250,000.00	X	1%	=	\$12,500
Johnstown FD	250,000.00	X	0%	=	\$0	750,000.00	X	0%	=	\$0
Liberty High School	11,325,000.00	X	0%	=	\$0	2,250,000.00	X	0%	=	\$0
Lincoln High School	14,475,000.00	X	0%	=	\$0	3,100,000.00	X	0%	=	\$0
Lost Creek Elementary	1,850,000.00	X	0%	=	\$0	900,000.00	X	0%	=	\$0
Lost Creek FD	250,000.00	X	0%	=	\$0	650,000.00	X	0%	=	\$0
Lost Creek Senior Center	65,000.00	X	0%	=	\$0	12,000.00	X	0%	=	\$0
Lumberport Elementary	2,750,000.00	X	0%	=	\$0	1,650,000.00	X	0%	=	\$0
Lumberport FD	275,000.00	X	0%	=	\$0	1,650,000.00	X	0%	=	\$0
Lumberport Middle School	3,750,000.00	X	0%	=	\$0	1,050,000.00	X	0%	=	\$0
Meadow View Manor Health Care Center	1,150,000.00	X	0%	=	\$0	650,000.00	X	0%	=	\$0
Medbrook	350,000.00	X	0%	=	\$0	2,500,000.00	X	0%	=	\$0
Mt. Clare FD	250,000.00	X	0%	=	\$0	1,150,000.00	X	0%	=	\$0
North View Elementary	2,475,000.00	X	0%	=	\$0	675,000.00	X	0%	=	\$0
Notre Dame High School	6,500,000.00	X	0%	=	\$0	2,150,000.00	X	0%	=	\$0
Nutter Fort Elementary	4,250,000.00	X	0%	=	\$0	2,250,000.00	X	0%	=	\$0
Nutter Fort FD	750,000.00	X	0%	=	\$0	2,850,000.00	X	0%	=	\$0
Premier Medical Group	350,000.00	X	0%	=	\$0	1,850,000.00	X	0%	=	\$0
Pressley Ridge	750,000.00	X	0%	=	\$0	275,000.00	X	0%	=	\$0
Residential	1,000,566,600.00	X	15%	=	\$150,084,990	0.00	X	30%	=	\$0
Reynoldsville FD	250,000.00	X	0%	=	\$0	750,000.00	X	0%	=	\$0
Rober C. Byrd High School	14,100,000.00	X	0%	=	\$0	6,750,000.00	X	0%	=	\$0
Salem FD	250,000.00	X	0%	=	\$0	1,150,000.00	X	0%	=	\$0
Salem International University	225,000,000.00	X	0%	=	\$0	105,000,000.00	X	0%	=	\$0
Salem Elem. School	1,400,000.00	X	0%	=	\$0	350,000.00	X	0%	=	\$0
Shinnston Clinic	110,000.00	X	0%	=	\$0	230,000.00	X	0%	=	\$0
Shinnston FD	1,250,000.00	X	0%	=	\$0	3,250,000.00	X	0%	=	\$0

Shinnston Sewer Plant	250,000.00	X	0%	=	\$0	14,275,000.00	X	0%	=	\$0
South Harrison Middle School	7,650,000.00	X	0%	=	\$0	2,150,000.00	X	0%	=	\$0
South Harrison High School	11,275,000.00	X	0%	=	\$0	3,250,000.00	X	0%	=	\$0
Spelter FD	250,000.00	X	0%	=	\$0	1,150,000.00	X	0%	=	\$0
St. Mary's Elementary School	2,125,000.00	X	0%	=	\$0	875,000.00	X	0%	=	\$0
Stonewood FD	350,000.00	X	0%	=	\$0	975,000.00	X	0%	=	\$0
Summit Park FD	175,000.00	X	0%	=	\$0	850,000.00	X	0%	=	\$0
Sunbridge Care and Reahabilitation	1,200,000.00	X	0%	=	\$0	425,000.00	X	0%	=	\$0
The Heritage	1,745,000.00	X	0%	=	\$0	510,000.00	X	0%	=	\$0
United Hospital Center	375,000,000.00	X	0%	=	\$0	200,000,000.00	X	0%	=	\$0
United Technical Center	1,425,000.00	X	0%	=	\$0	3,100,000.00	X	0%	=	\$0
VA Hospital	250,000,000.00	X	0%	=	\$0	115,000,000.00	X	0%	=	\$0
Van Horn Elementary	1,425,000.00	X	0%	=	\$0	750,000.00	X	0%	=	\$0
Wallace FD	150,000.00	X	50%	=	\$75,000	650,000.00	X	75%	=	\$487,500
West Milford Elementary	1,245,000.00	X	0%	=	\$0	850,000.00	X	0%	=	\$0
West Milford FD	175,000.00	X	0%	=	\$0	850,000.00	X	0%	=	\$0
West Milford Senior Center	1,250,000.00	X	0%	=	\$0	750,000.00	X	0%	=	\$0
West Virginia Division of Highways	350,000.00	X	0%	=	\$0	580,000.00	X	0%	=	\$0
Wilsonburg Elementary	1,500,000.00	X	5%	=	\$75,000	650,000.00	X	20%	=	\$130,000
WV Business College	350,000.00	X	0%	=	\$0	125,000.00	X	0%	=	\$0
WV Junior College	575,000.00	X	0%	=	\$0	250,000.00	X	0%	=	\$0
					\$152,383,740					\$19,968,250

**Hazard: Flooding (Harrison County)**

Name/Description of Asset	Structure Use and Function Loss									Structure + Contents + Function Loss
	Average Daily Operating Budget (\$)	X	Functional Downtime (# of days)	+	Displacement Cost per Day (\$)	X	Displacement Time (Days)	=	Structure Use & Function Loss (\$)	
Adamston Elementary	\$133,225	X	0	+	\$365	X	0	=	\$0	\$0
Anmoore FD	\$164,250	X	0	+	\$450	X	0	=	\$0	\$75,000
Big Elm Elementary	\$229,950	X	0	+	\$630	X	0	=	\$0	\$0
Bridgeport Office of Emergency Services (Bridgeport City Bldg.)	\$54,750	X	0	+	\$150	X	10	=	\$1,500	\$320,250
Bridgeport FD	\$602,250	X	0	+	\$1,650	X	0	=	\$0	\$1,317,500
Bridgeport High School	\$284,700	X	0	+	\$780	X	0	=	\$0	\$68,500
Bridgeport MS	\$273,750	X	0	+	\$750	X	0	=	\$0	\$50,500
Bridgeport Senior Center	\$54,750	X	0	+	\$150	X	0	=	\$0	\$0
Clarksburg Campus - Fairmont Stat College	\$69,350	X	0	+	\$190	X	0	=	\$0	\$0
Clarksburg Continuous Care Center	\$657,000	X	0	+	\$1,800	X	0	=	\$0	\$46,800
Clarksburg FD	\$91,250	X	0	+	\$250	X	0	=	\$0	\$0
Clarksburg Senior Center	\$65,700	X	0	+	\$180	X	0	=	\$0	\$0
Clarksburg Sewer Plant	\$200,750	X	0	+	\$550	X	0	=	\$0	\$19,577,500
Clarksburg Water Plant	\$182,500	X	0	+	\$500	X	0	=	\$0	\$0
Demyon's Golden Circle	\$60,225	X	0	+	\$165	X	0	=	\$0	\$0
Emmanuel Christian	\$127,750	X	0	+	\$350	X	0	=	\$0	\$0
Glaspell Lumber Co., Inc	\$76,650	X	0	+	\$210	X	0	=	\$0	\$0
Gore Middle School	\$273,750	X	0	+	\$750	X	0	=	\$0	\$0
Greater Harrison County Sewer Plant	\$173,375	X	0	+	\$475	X	0	=	\$0	\$0
Harden Elementary	\$89,425	X	0	+	\$245	X	0	=	\$0	\$0

Harrison County Bureau of Emergency Services	\$164,250	X	0	+	\$450	X	0	=	\$0	\$0
Harrison-Marion Regional Airport	\$1,533,000	X	0	+	\$4,200	X	0	=	\$0	\$0
Heartland of Clarksburg	\$657,000	X	0	+	\$1,800	X	0	=	\$0	\$0
Heritage Christian Johnson ES	\$345,900	X	0	+	\$620	X	0	=	\$0	\$0
Johnstown FD	\$164,250	X	0	+	\$450	X	0	=	\$0	\$44,950
Johnstown FD	\$40,150	X	0	+	\$110	X	0	=	\$0	\$0
Liberty High School	\$246,375	X	0	+	\$675	X	0	=	\$0	\$0
Lincoln High School	\$262,800	X	0	+	\$720	X	0	=	\$0	\$0
Lost Creek Elementary	\$136,875	X	0	+	\$375	X	0	=	\$0	\$0
Lost Creek FD	\$54,750	X	0	+	\$150	X	0	=	\$0	\$0
Lost Creek Senior Center	\$31,025	X	0	+	\$85	X	0	=	\$0	\$0
Lumberport Elementary	\$164,250	X	0	+	\$450	X	0	=	\$0	\$0
Lumberport FD	\$82,125	X	0	+	\$225	X	0	=	\$0	\$0
Lumberport Middle School	\$173,375	X	0	+	\$475	X	0	=	\$0	\$0
Meadow View Manor Health Care Center	\$511,000	X	0	+	\$1,400	X	0	=	\$0	\$0
Medbrook	\$547,500	X	30	+	\$1,500	X	90	=	\$16,560,000	\$16,560,000
Mt. Clare FD	\$54,750	X	0	+	\$150	X	0	=	\$0	\$0
North View Elementary	\$169,725	X	0	+	\$465	X	0	=	\$0	\$0
Notre Dame High School	\$231,775	X	0	+	\$635	X	0	=	\$0	\$0
Nutter Fort Elementary	\$328,500	X	0	+	\$900	X	0	=	\$0	\$0
Nutter Fort FD	\$82,125	X	0	+	\$225	X	0	=	\$0	\$0
Premier Medical Group	\$912,500	X	0	+	\$2,500	X	0	=	\$0	\$0
Pressley Ridge	\$310,250	X	0	+	\$850	X	0	=	\$0	\$0
Residential	\$0	X	0	+	\$0	X	0	=	\$0	\$150,084,990
Reynoldsville FD	\$40,150	X	0	+	\$110	X	0	=	\$0	\$0
Rober C. Byrd High School	\$341,275	X	0	+	\$935	X	0	=	\$0	\$0
Salem FD	\$40,150	X	0	+	\$110	X	0	=	\$0	\$0
Salem International University	\$2,007,500	X	0	+	\$5,500	X	0	=	\$0	\$0

Salem Elem. School	\$173,375	X	0	+	\$475	X	0	=	\$0	\$0
Shinnston Clinic	\$657,000	X	0	+	\$1,800	X	0	=	\$0	\$0
Shinnston FD	\$60,225	X	0	+	\$165	X	0	=	\$0	\$0
Shinnston Sewer Plant	\$246,375	X	0	+	\$675	X	0	=	\$0	\$0
South Harrison Middle School	\$213,525	X	0	+	\$585	X	0	=	\$0	\$0
South Harrison High School	\$237,250	X	0	+	\$650	X	0	=	\$0	\$0
Spelter FD	\$40,150	X	0	+	\$110	X	0	=	\$0	\$0
St. Mary's Elementary School	\$175,200	X	0	+	\$480	X	0	=	\$0	\$0
Stonewood FD	\$40,150	X	0	+	\$110	X	0	=	\$0	\$0
Summit Park FD	\$36,500	X	0	+	\$100	X	0	=	\$0	\$0
Sunbridge Care and Reahabilitation	\$803,000	X	0	+	\$2,200	X	0	=	\$0	\$0
The Heritage	\$328,500	X	0	+	\$900	X	0	=	\$0	\$0
United Hospital Center	\$4,380,000	X	0	+	\$12,000	X	0	=	\$0	\$0
United Technical Center	\$155,125	X	0	+	\$425	X	0	=	\$0	\$0
VA Hospital	\$4,106,250	X	0	+	\$11,250	X	0	=	\$0	\$0
Van Horn Elementary	\$169,725	X	0	+	\$465	X	0	=	\$0	\$0
Wallace FD	\$36,500	X	10	+	\$100	X	180	=	\$383,000	\$945,500
West Milford Elementary	\$177,025	X	0	+	\$485	X	0	=	\$0	\$0
West Milford FD	\$38,325	X	0	+	\$105	X	0	=	\$0	\$0
West Milford Senior Center	\$169,725	X	0	+	\$465	X	0	=	\$0	\$0
West Virginia Division of Highways	\$79,850	X	0	+	\$360	X	0	=	\$0	\$0
Wilsonburg Elementary	\$146,000	X	0	+	\$400	X	0	=	\$0	\$205,000
WV Business College	\$91,250	X	0	+	\$250	X	0	=	\$0	\$0
WV Junior College	\$127,750	X	0	+	\$350	X	0	=	\$0	\$0
									\$16,944,500	\$189,296,490

**Hazard: Hailstorm (Harrison County)**

Name/Description of Asset	Structure Loss					Contents Loss				
	Structure Replacement Value (\$)	X	Percent Damage (%)	=	Loss to Structure (\$)	Replacement Value of Contents (\$)	X	Percent Damage (%)	=	Loss to Contents (\$)
Adamston Elementary	1,250,000.00	X	0.01	=	\$12,500	750,000.00	X	0%	=	\$0
Anmoore FD	750,000.00	X	0.01	=	\$7,500	3,250,000.00	X	0%	=	\$0
Big Elm Elementary	2,750,000.00	X	0.01	=	\$27,500	925,000.00	X	0%	=	\$0
Bridgeport Office of Emergency Services (Bridgeport City Bldg.)	2,500,000.00	X	0.01	=	\$25,000	1,375,000.00	X	0%	=	\$0
Bridgeport FD	3,800,000.00	X	0.01	=	\$38,000	6,250,000.00	X	0%	=	\$0
Bridgeport High School	5,200,000.00	X	0.01	=	\$52,000	1,650,000.00	X	0%	=	\$0
Bridgeport MS	3,800,000.00	X	0.01	=	\$38,000	1,250,000.00	X	0%	=	\$0
Bridgeport Senior Center	250,000.00	X	0.01	=	\$2,500	75,000.00	X	0%	=	\$0
Clarksburg Campus - Fairmont State College	2,200,000.00	X	0.01	=	\$22,000	1,450,000.00	X	0%	=	\$0
Clarksburg Continuous Care Center	2,130,000.00	X	0.01	=	\$21,300	850,000.00	X	0%	=	\$0
Clarksburg FD	6,225,000.00	X	0.01	=	\$62,250	8,765,000.00	X	0%	=	\$0
Clarksburg Senior Center	750,000.00	X	0.01	=	\$7,500	175,000.00	X	0%	=	\$0
Clarksburg Sewer Plant	3,250,000.00	X	0.01	=	\$32,500	24,370,000.00	X	0%	=	\$0
Clarksburg Water Plant	4,500,000.00	X	0.01	=	\$45,000	25,400,000.00	X	0%	=	\$0
Demyon's Golden Circle	225,000.00	X	0.01	=	\$2,250	60,000.00	X	0%	=	\$0
Emmanuel Christian	1,625,000.00	X	0.01	=	\$16,250	445,000.00	X	0%	=	\$0
Glaspell Lumber Co., Inc	650,000.00	X	0.01	=	\$6,500	4,000,000.00	X	0%	=	\$0
Gore Middle School	5,500,000.00	X	0.01	=	\$55,000	1,850,000.00	X	0%	=	\$0
Greater Harrison County Sewer Plant	1,200,000.00	X	0.01	=	\$12,000	23,000,000.00	X	0%	=	\$0
Harden Elementary	1,650,000.00	X	0.01	=	\$16,500	450,000.00	X	0%	=	\$0
Harrison County Bureau of Emergency Services	1,240,000.00	X	0.01	=	\$12,400	2,650,000.00	X	0%	=	\$0

Harrison-Marion Regional Airport	750,650,000.00	X	0.01	=	\$7,506,500	25,000,000.00	X	0%	=	\$0
Heartland of Clarksburg	1,300,000.00	X	0.01	=	\$13,000	850,000.00	X	0%	=	\$0
Heritage Christian	5,250,000.00	X	0.01	=	\$52,500	2,150,000.00	X	0%	=	\$0
Johnson ES	3,245,000.00	X	0.01	=	\$32,450	1,250,000.00	X	0%	=	\$0
Johnstown FD	250,000.00	X	0.01	=	\$2,500	750,000.00	X	0%	=	\$0
Liberty High School	11,325,000.00	X	0.01	=	\$113,250	2,250,000.00	X	0%	=	\$0
Lincoln High School	14,475,000.00	X	0.01	=	\$144,750	3,100,000.00	X	0%	=	\$0
Lost Creek Elementary	1,850,000.00	X	0.01	=	\$18,500	900,000.00	X	0%	=	\$0
Lost Creek FD	250,000.00	X	0.01	=	\$2,500	650,000.00	X	0%	=	\$0
Lost Creek Senior Center	65,000.00	X	0.01	=	\$650	12,000.00	X	0%	=	\$0
Lumberport Elementary	2,750,000.00	X	0.01	=	\$27,500	1,650,000.00	X	0%	=	\$0
Lumberport FD	275,000.00	X	0.01	=	\$2,750	1,650,000.00	X	0%	=	\$0
Lumberport Middle School	3,750,000.00	X	0.01	=	\$37,500	1,050,000.00	X	0%	=	\$0
Meadow View Manor Health Care Center	1,150,000.00	X	0.01	=	\$11,500	650,000.00	X	0%	=	\$0
Medbrook	350,000.00	X	0.01	=	\$3,500	2,500,000.00	X	0%	=	\$0
Mt. Clare FD	250,000.00	X	0.01	=	\$2,500	1,150,000.00	X	0%	=	\$0
North View Elementary	2,475,000.00	X	0.01	=	\$24,750	675,000.00	X	0%	=	\$0
Notre Dame High School	6,500,000.00	X	0.01	=	\$65,000	2,150,000.00	X	0%	=	\$0
Nutter Fort Elementary	4,250,000.00	X	0.01	=	\$42,500	2,250,000.00	X	0%	=	\$0
Nutter Fort FD	750,000.00	X	0.01	=	\$7,500	2,850,000.00	X	0%	=	\$0
Premier Medical Group	350,000.00	X	0.01	=	\$3,500	1,850,000.00	X	0%	=	\$0
Pressley Ridge	750,000.00	X	0.01	=	\$7,500	275,000.00	X	0%	=	\$0
Residential	1,000,566,600.00	X	0.01	=	\$10,005,666	0.00	X	0%	=	\$0
Reynoldsville FD	250,000.00	X	0.01	=	\$2,500	750,000.00	X	0%	=	\$0
Rober C. Byrd High School	14,100,000.00	X	0.01	=	\$141,000	6,750,000.00	X	0%	=	\$0
Salem FD	250,000.00	X	0.01	=	\$2,500	1,150,000.00	X	0%	=	\$0
Salem International University	225,000,000.00	X	0.01	=	\$2,250,000	105,000,000.00	X	0%	=	\$0
Salem Elem. School	1,400,000.00	X	0.01	=	\$14,000	350,000.00	X	0%	=	\$0
Shinnston Clinic	110,000.00	X	0.01	=	\$1,100	230,000.00	X	0%	=	\$0
Shinnston FD	1,250,000.00	X	0.01	=	\$12,500	3,250,000.00	X	0%	=	\$0

Shinnston Sewer Plant	250,000.00	X	0.01	=	\$2,500	14,275,000.00	X	0%	=	\$0
South Harrison Middle School	7,650,000.00	X	0.01	=	\$76,500	2,150,000.00	X	0%	=	\$0
South Harrison High School	11,275,000.00	X	0.01	=	\$112,750	3,250,000.00	X	0%	=	\$0
Spelter FD	250,000.00	X	0.01	=	\$2,500	1,150,000.00	X	0%	=	\$0
St. Mary's Elementary School	2,125,000.00	X	0.01	=	\$21,250	875,000.00	X	0%	=	\$0
Stonewood FD	350,000.00	X	0.01	=	\$3,500	975,000.00	X	0%	=	\$0
Summit Park FD	175,000.00	X	0.01	=	\$1,750	850,000.00	X	0%	=	\$0
Sunbridge Care and Reahabilitation	1,200,000.00	X	0.01	=	\$12,000	425,000.00	X	0%	=	\$0
The Heritage	1,745,000.00	X	0.01	=	\$17,450	510,000.00	X	0%	=	\$0
United Hospital Center	375,000,000.00	X	0.01	=	\$3,750,000	200,000,000.00	X	0%	=	\$0
United Technical Center	1,425,000.00	X	0.01	=	\$14,250	3,100,000.00	X	0%	=	\$0
VA Hospital	250,000,000.00	X	0.01	=	\$2,500,000	115,000,000.00	X	0%	=	\$0
Van Horn Elementary	1,425,000.00	X	0.01	=	\$14,250	750,000.00	X	0%	=	\$0
Wallace FD	150,000.00	X	0.01	=	\$1,500	650,000.00	X	0%	=	\$0
West Milford Elementary	1,245,000.00	X	0.01	=	\$12,450	850,000.00	X	0%	=	\$0
West Milford FD	175,000.00	X	0.01	=	\$1,750	850,000.00	X	0%	=	\$0
West Milford Senior Center	1,250,000.00	X	0.01	=	\$12,500	750,000.00	X	0%	=	\$0
West Virginia Division of Highways	350,000.00	X	0.01	=	\$3,500	580,000.00	X	0%	=	\$0
Wilsonburg Elementary	1,500,000.00	X	0.01	=	\$15,000	650,000.00	X	0%	=	\$0
WV Business College	350,000.00	X	0.01	=	\$3,500	125,000.00	X	0%	=	\$0
WV Junior College	575,000.00	X	0.01	=	\$5,750	250,000.00	X	0%	=	\$0
					\$27,650,966					\$0

**Hazard: Hailstorm (Harrison County)**

Name/Description of Asset	Structure Use and Function Loss									Structure + Contents + Function Loss
	Average Daily Operating Budget (\$)	X	Functional Downtime (# of days)	+	Displacement Cost per Day (\$)	X	Displacement Time (Days)	=	Structure Use & Function Loss (\$)	
Adamston Elementary	\$133,225	X	0	+	\$365	X	0	=	\$0	\$12,500
Anmoore FD	\$164,250	X	0	+	\$450	X	0	=	\$0	\$7,500
Big Elm Elementary	\$229,950	X	0	+	\$630	X	0	=	\$0	\$27,500
Bridgeport Office of Emergency Services (Bridgeport City Bldg.)	\$54,750	X	0	+	\$150	X	0	=	\$0	\$25,000
Bridgeport FD	\$602,250	X	0	+	\$1,650	X	0	=	\$0	\$38,000
Bridgeport High School	\$284,700	X	0	+	\$780	X	0	=	\$0	\$52,000
Bridgeport MS	\$273,750	X	0	+	\$750	X	0	=	\$0	\$38,000
Bridgeport Senior Center	\$54,750	X	0	+	\$150	X	0	=	\$0	\$2,500
Clarksburg Campus - Fairmont Stat College	\$69,350	X	0	+	\$190	X	0	=	\$0	\$22,000
Clarksburg Continuous Care Center	\$657,000	X	0	+	\$1,800	X	0	=	\$0	\$21,300
Clarksburg FD	\$91,250	X	0	+	\$250	X	0	=	\$0	\$62,250
Clarksburg Senior Center	\$65,700	X	0	+	\$180	X	0	=	\$0	\$7,500
Clarksburg Sewer Plant	\$200,750	X	0	+	\$550	X	0	=	\$0	\$32,500
Clarksburg Water Plant	\$182,500	X	0	+	\$500	X	0	=	\$0	\$45,000
Demyon's Golden Circle	\$60,225	X	0	+	\$165	X	0	=	\$0	\$2,250
Emmanuel Christian	\$127,750	X	0	+	\$350	X	0	=	\$0	\$16,250
Glaspell Lumber Co., Inc	\$76,650	X	0	+	\$210	X	0	=	\$0	\$6,500
Gore Middle School	\$273,750	X	0	+	\$750	X	0	=	\$0	\$55,000
Greater Harrison County Sewer Plant	\$173,375	X	0	+	\$475	X	0	=	\$0	\$12,000
Harden Elementary	\$89,425	X	0	+	\$245	X	0	=	\$0	\$16,500



Salem Elem. School	\$173,375	X	0	+	\$475	X	0	=	\$0	\$14,000
Shinnston Clinic	\$657,000	X	0	+	\$1,800	X	0	=	\$0	\$1,100
Shinnston FD	\$60,225	X	0	+	\$165	X	0	=	\$0	\$12,500
Shinnston Sewer Plant	\$246,375	X	0	+	\$675	X	0	=	\$0	\$2,500
South Harrison Middle School	\$213,525	X	0	+	\$585	X	0	=	\$0	\$76,500
South Harrison High School	\$237,250	X	0	+	\$650	X	0	=	\$0	\$112,750
Spelter FD	\$40,150	X	0	+	\$110	X	0	=	\$0	\$2,500
St. Mary's Elementary School	\$175,200	X	0	+	\$480	X	0	=	\$0	\$21,250
Stonewood FD	\$40,150	X	0	+	\$110	X	0	=	\$0	\$3,500
Summit Park FD	\$36,500	X	0	+	\$100	X	0	=	\$0	\$1,750
Sunbridge Care and Reahabilitation	\$803,000	X	0	+	\$2,200	X	0	=	\$0	\$12,000
The Heritage	\$328,500	X	0	+	\$900	X	0	=	\$0	\$17,450
United Hospital Center	\$4,380,000	X	0	+	\$12,000	X	0	=	\$0	\$3,750,000
United Technical Center	\$155,125	X	0	+	\$425	X	0	=	\$0	\$14,250
VA Hospital	\$4,106,250	X	0	+	\$11,250	X	0	=	\$0	\$2,500,000
Van Horn Elementary	\$169,725	X	0	+	\$465	X	0	=	\$0	\$14,250
Wallace FD	\$36,500	X	0	+	\$100	X	0	=	\$0	\$1,500
West Milford Elementary	\$177,025	X	0	+	\$485	X	0	=	\$0	\$12,450
West Milford FD	\$38,325	X	0	+	\$105	X	0	=	\$0	\$1,750
West Milford Senior Center	\$169,725	X	0	+	\$465	X	0	=	\$0	\$12,500
West Virginia Division of Highways	\$79,850	X	0	+	\$360	X	0	=	\$0	\$3,500
Wilsonburg Elementary	\$146,000	X	0	+	\$400	X	0	=	\$0	\$15,000
WV Business College	\$91,250	X	0	+	\$250	X	0	=	\$0	\$3,500
WV Junior College	\$127,750	X	0	+	\$350	X	0	=	\$0	\$5,750
									\$0	\$27,650,966

**Hazard: Land Subsidence (Harrison County)**

Name/Description of Asset	Structure Loss					Contents Loss				
	Structure Replacement Value (\$)	X	Percent Damage (%)	=	Loss to Structure (\$)	Replacement Value of Contents (\$)	X	Percent Damage (%)	=	Loss to Contents (\$)
Adamston Elementary	1,250,000.00	X	0.00%	=	\$0	750,000.00	X	0%	=	\$0
Anmoore FD	750,000.00	X	0.00%	=	\$0	3,250,000.00	X	0%	=	\$0
Big Elm Elementary	2,750,000.00	X	0.00%	=	\$0	925,000.00	X	0%	=	\$0
Bridgeport Office of Emergency Services (Bridgeport City Bldg.)	2,500,000.00	X	0.00%	=	\$0	1,375,000.00	X	0%	=	\$0
Bridgeport FD	3,800,000.00	X	0.00%	=	\$0	6,250,000.00	X	0%	=	\$0
Bridgeport High School	5,200,000.00	X	0.00%	=	\$0	1,650,000.00	X	0%	=	\$0
Bridgeport MS	3,800,000.00	X	0.00%	=	\$0	1,250,000.00	X	0%	=	\$0
Bridgeport Senior Center	250,000.00	X	0.00%	=	\$0	75,000.00	X	0%	=	\$0
Clarksburg Campus - Fairmont Stat College	2,200,000.00	X	0.00%	=	\$0	1,450,000.00	X	0%	=	\$0
Clarksburg Continuous Care Center	2,130,000.00	X	0.00%	=	\$0	850,000.00	X	0%	=	\$0
Clarksburg FD	6,225,000.00	X	0.00%	=	\$0	8,765,000.00	X	0%	=	\$0
Clarksburg Senior Center	750,000.00	X	0.00%	=	\$0	175,000.00	X	0%	=	\$0
Clarksburg Sewer Plant	3,250,000.00	X	0.00%	=	\$0	24,370,000.00	X	0%	=	\$0
Clarksburg Water Plant	4,500,000.00	X	0.00%	=	\$0	25,400,000.00	X	0%	=	\$0
Demyon's Golden Circle	225,000.00	X	0.00%	=	\$0	60,000.00	X	0%	=	\$0
Emmanuel Christian	1,625,000.00	X	0.00%	=	\$0	445,000.00	X	0%	=	\$0
Glaspell Lumber Co., Inc	650,000.00	X	0.00%	=	\$0	4,000,000.00	X	0%	=	\$0
Gore Middle School	5,500,000.00	X	0.00%	=	\$0	1,850,000.00	X	0%	=	\$0
Greater Harrison County Sewer Plant	1,200,000.00	X	0.00%	=	\$0	23,000,000.00	X	0%	=	\$0
Harden Elementary	1,650,000.00	X	0.00%	=	\$0	450,000.00	X	0%	=	\$0
Harrison County Bureau of Emergency Services	1,240,000.00	X	0.00%	=	\$0	2,650,000.00	X	0%	=	\$0

Harrison-Marion Regional Airport	750,650,000.00	X	0.00%	=	\$0	25,000,000.00	X	0%	=	\$0
Heartland of Clarksburg	1,300,000.00	X	0.00%	=	\$0	850,000.00	X	0%	=	\$0
Heritage Christian	5,250,000.00	X	0.00%	=	\$0	2,150,000.00	X	0%	=	\$0
Johnson ES	3,245,000.00	X	0.00%	=	\$0	1,250,000.00	X	0%	=	\$0
Johnstown FD	250,000.00	X	0.00%	=	\$0	750,000.00	X	0%	=	\$0
Liberty High School	11,325,000.00	X	0.00%	=	\$0	2,250,000.00	X	0%	=	\$0
Lincoln High School	14,475,000.00	X	0.00%	=	\$0	3,100,000.00	X	0%	=	\$0
Lost Creek Elementary	1,850,000.00	X	0.00%	=	\$0	900,000.00	X	0%	=	\$0
Lost Creek FD	250,000.00	X	0.00%	=	\$0	650,000.00	X	0%	=	\$0
Lost Creek Senior Center	65,000.00	X	0.00%	=	\$0	12,000.00	X	0%	=	\$0
Lumberport Elementary	2,750,000.00	X	0.50%	=	\$13,750	1,650,000.00	X	0%	=	\$0
Lumberport FD	275,000.00	X	0.00%	=	\$0	1,650,000.00	X	0%	=	\$0
Lumberport Middle School	3,750,000.00	X	0.50%	=	\$18,750	1,050,000.00	X	0%	=	\$0
Meadow View Manor Health Care Center	1,150,000.00	X	0.00%	=	\$0	650,000.00	X	0%	=	\$0
Medbrook	350,000.00	X	0.00%	=	\$0	2,500,000.00	X	0%	=	\$0
Mt. Clare FD	250,000.00	X	0.00%	=	\$0	1,150,000.00	X	0%	=	\$0
North View Elementary	2,475,000.00	X	0.00%	=	\$0	675,000.00	X	0%	=	\$0
Notre Dame High School	6,500,000.00	X	0.00%	=	\$0	2,150,000.00	X	0%	=	\$0
Nutter Fort Elementary	4,250,000.00	X	0.00%	=	\$0	2,250,000.00	X	0%	=	\$0
Nutter Fort FD	750,000.00	X	0.00%	=	\$0	2,850,000.00	X	0%	=	\$0
Premier Medical Group	350,000.00	X	0.00%	=	\$0	1,850,000.00	X	0%	=	\$0
Pressley Ridge	750,000.00	X	0.00%	=	\$0	275,000.00	X	0%	=	\$0
Residential	1,000,566,600.00	X	0.50%	=	\$5,002,833	0.00	X	0%	=	\$0
Reynoldsville FD	250,000.00	X	0.00%	=	\$0	750,000.00	X	0%	=	\$0
Rober C. Byrd High School	14,100,000.00	X	0.00%	=	\$0	6,750,000.00	X	0%	=	\$0
Salem FD	250,000.00	X	0.00%	=	\$0	1,150,000.00	X	0%	=	\$0
Salem International University	225,000,000.00	X	0.00%	=	\$0	105,000,000.00	X	0%	=	\$0
Salem Elem. School	1,400,000.00	X	0.00%	=	\$0	350,000.00	X	0%	=	\$0
Shinnston Clinic	110,000.00	X	0.00%	=	\$0	230,000.00	X	0%	=	\$0
Shinnston FD	1,250,000.00	X	0.00%	=	\$0	3,250,000.00	X	0%	=	\$0

Shinnston Sewer Plant	250,000.00	X	0.00%	=	\$0	14,275,000.00	X	0%	=	\$0
South Harrison Middle School	7,650,000.00	X	0.00%	=	\$0	2,150,000.00	X	0%	=	\$0
South Harrison High School	11,275,000.00	X	0.00%	=	\$0	3,250,000.00	X	0%	=	\$0
Spelter FD	250,000.00	X	0.00%	=	\$0	1,150,000.00	X	0%	=	\$0
St. Mary's Elementary School	2,125,000.00	X	0.00%	=	\$0	875,000.00	X	0%	=	\$0
Stonewood FD	350,000.00	X	0.00%	=	\$0	975,000.00	X	0%	=	\$0
Summit Park FD	175,000.00	X	0.00%	=	\$0	850,000.00	X	0%	=	\$0
Sunbridge Care and Reahabilitation	1,200,000.00	X	0.00%	=	\$0	425,000.00	X	0%	=	\$0
The Heritage	1,745,000.00	X	0.00%	=	\$0	510,000.00	X	0%	=	\$0
United Hospital Center	375,000,000.00	X	0.00%	=	\$0	200,000,000.00	X	0%	=	\$0
United Technical Center	1,425,000.00	X	0.00%	=	\$0	3,100,000.00	X	0%	=	\$0
VA Hospital	250,000,000.00	X	0.00%	=	\$0	115,000,000.00	X	0%	=	\$0
Van Horn Elementary	1,425,000.00	X	0.00%	=	\$0	750,000.00	X	0%	=	\$0
Wallace FD	150,000.00	X	2.00%	=	\$3,000	650,000.00	X	0%	=	\$0
West Milford Elementary	1,245,000.00	X	0.00%	=	\$0	850,000.00	X	0%	=	\$0
West Milford FD	175,000.00	X	0.00%	=	\$0	850,000.00	X	0%	=	\$0
West Milford Senior Center	1,250,000.00	X	0.00%	=	\$0	750,000.00	X	0%	=	\$0
West Virginia Division of Highways	350,000.00	X	0.00%	=	\$0	580,000.00	X	0%	=	\$0
Wilsonburg Elementary	1,500,000.00	X	0.50%	=	\$7,500	650,000.00	X	0%	=	\$0
WV Business College	350,000.00	X	0.00%	=	\$0	125,000.00	X	0%	=	\$0
WV Junior College	575,000.00	X	0.00%	=	\$0	250,000.00	X	0%	=	\$0
					\$5,045,833					\$0

**Hazard: Land Subsidence (Harrison County)**

Name/Description of Asset	Structure Use and Function Loss									Structure + Contents + Function Loss
	Average Daily Operating Budget (\$)	X	Functional Downtime (# of days)	+	Displacement Cost per Day (\$)	X	Displacement Time (Days)	=	Structure Use & Function Loss (\$)	
Adamston Elementary	\$133,225	X	0	+	\$365	X	0	=	\$0	\$0
Anmoore FD	\$164,250	X	0	+	\$450	X	0	=	\$0	\$0
Big Elm Elementary	\$229,950	X	0	+	\$630	X	0	=	\$0	\$0
Bridgeport Office of Emergency Services (Bridgeport City Bldg.)	\$54,750	X	0	+	\$150	X	0	=	\$0	\$0
Bridgeport FD	\$602,250	X	0	+	\$1,650	X	0	=	\$0	\$0
Bridgeport High School	\$284,700	X	0	+	\$780	X	0	=	\$0	\$0
Bridgeport MS	\$273,750	X	0	+	\$750	X	0	=	\$0	\$0
Bridgeport Senior Center	\$54,750	X	0	+	\$150	X	0	=	\$0	\$0
Clarksburg Campus - Fairmont Stat College	\$69,350	X	0	+	\$190	X	0	=	\$0	\$0
Clarksburg Continuous Care Center	\$657,000	X	0	+	\$1,800	X	0	=	\$0	\$0
Clarksburg FD	\$91,250	X	0	+	\$250	X	0	=	\$0	\$0
Clarksburg Senior Center	\$65,700	X	0	+	\$180	X	0	=	\$0	\$0
Clarksburg Sewer Plant	\$200,750	X	0	+	\$550	X	0	=	\$0	\$0
Clarksburg Water Plant	\$182,500	X	0	+	\$500	X	0	=	\$0	\$0
Demyon's Golden Circle	\$60,225	X	0	+	\$165	X	0	=	\$0	\$0
Emmanuel Christian	\$127,750	X	0	+	\$350	X	0	=	\$0	\$0
Glaspell Lumber Co., Inc	\$76,650	X	0	+	\$210	X	0	=	\$0	\$0
Gore Middle School	\$273,750	X	0	+	\$750	X	0	=	\$0	\$0
Greater Harrison County Sewer Plant	\$173,375	X	0	+	\$475	X	0	=	\$0	\$0
Harden Elementary	\$89,425	X	0	+	\$245	X	0	=	\$0	\$0

Harrison County Bureau of Emergency Services	\$164,250	X	0	+	\$450	X	0	=	\$0	\$0
Harrison-Marion Regional Airport	\$1,533,000	X	0	+	\$4,200	X	0	=	\$0	\$0
Heartland of Clarksburg	\$657,000	X	0	+	\$1,800	X	0	=	\$0	\$0
Heritage Christian Johnson ES	\$345,900	X	0	+	\$620	X	0	=	\$0	\$0
Johnstown FD	\$40,150	X	0	+	\$110	X	0	=	\$0	\$0
Liberty High School	\$246,375	X	0	+	\$675	X	0	=	\$0	\$0
Lincoln High School	\$262,800	X	0	+	\$720	X	0	=	\$0	\$0
Lost Creek Elementary	\$136,875	X	0	+	\$375	X	0	=	\$0	\$0
Lost Creek FD	\$54,750	X	0	+	\$150	X	0	=	\$0	\$0
Lost Creek Senior Center	\$31,025	X	0	+	\$85	X	0	=	\$0	\$0
Lumberport Elementary	\$164,250	X	0	+	\$450	X	0	=	\$0	\$13,750
Lumberport FD	\$82,125	X	0	+	\$225	X	0	=	\$0	\$0
Lumberport Middle School	\$173,375	X	0	+	\$475	X	0	=	\$0	\$18,750
Meadow View Manor Health Care Center	\$511,000	X	0	+	\$1,400	X	0	=	\$0	\$0
Medbrook	\$547,500	X	0	+	\$1,500	X	0	=	\$0	\$0
Mt. Clare FD	\$54,750	X	0	+	\$150	X	0	=	\$0	\$0
North View Elementary	\$169,725	X	0	+	\$465	X	0	=	\$0	\$0
Notre Dame High School	\$231,775	X	0	+	\$635	X	0	=	\$0	\$0
Nutter Fort Elementary	\$328,500	X	0	+	\$900	X	0	=	\$0	\$0
Nutter Fort FD	\$82,125	X	0	+	\$225	X	0	=	\$0	\$0
Premier Medical Group	\$912,500	X	0	+	\$2,500	X	0	=	\$0	\$0
Pressley Ridge	\$310,250	X	0	+	\$850	X	0	=	\$0	\$0
Residential	\$0	X	0	+	\$0	X	0	=	\$0	\$5,002,833
Reynoldsville FD	\$40,150	X	0	+	\$110	X	0	=	\$0	\$0
Rober C. Byrd High School	\$341,275	X	0	+	\$935	X	0	=	\$0	\$0
Salem FD	\$40,150	X	0	+	\$110	X	0	=	\$0	\$0
Salem International University	\$2,007,500	X	0	+	\$5,500	X	0	=	\$0	\$0

Salem Elem. School	\$173,375	X	0	+	\$475	X	0	=	\$0	\$0
Shinnston Clinic	\$657,000	X	0	+	\$1,800	X	0	=	\$0	\$0
Shinnston FD	\$60,225	X	0	+	\$165	X	0	=	\$0	\$0
Shinnston Sewer Plant	\$246,375	X	0	+	\$675	X	0	=	\$0	\$0
South Harrison Middle School	\$213,525	X	0	+	\$585	X	0	=	\$0	\$0
South Harrison High School	\$237,250	X	0	+	\$650	X	0	=	\$0	\$0
Spelter FD	\$40,150	X	0	+	\$110	X	0	=	\$0	\$0
St. Mary's Elementary School	\$175,200	X	0	+	\$480	X	0	=	\$0	\$0
Stonewood FD	\$40,150	X	0	+	\$110	X	0	=	\$0	\$0
Summit Park FD	\$36,500	X	0	+	\$100	X	0	=	\$0	\$0
Sunbridge Care and Reahabilitation	\$803,000	X	0	+	\$2,200	X	0	=	\$0	\$0
The Heritage	\$328,500	X	0	+	\$900	X	0	=	\$0	\$0
United Hospital Center	\$4,380,000	X	0	+	\$12,000	X	0	=	\$0	\$0
United Technical Center	\$155,125	X	0	+	\$425	X	0	=	\$0	\$0
VA Hospital	\$4,106,250	X	0	+	\$11,250	X	0	=	\$0	\$0
Van Horn Elementary	\$169,725	X	0	+	\$465	X	0	=	\$0	\$0
Wallace FD	\$36,500	X	0	+	\$100	X	0	=	\$0	\$3,000
West Milford Elementary	\$177,025	X	0	+	\$485	X	0	=	\$0	\$0
West Milford FD	\$38,325	X	0	+	\$105	X	0	=	\$0	\$0
West Milford Senior Center	\$169,725	X	0	+	\$465	X	0	=	\$0	\$0
West Virginia Division of Highways	\$79,850	X	0	+	\$360	X	0	=	\$0	\$0
Wilsonburg Elementary	\$146,000	X	0	+	\$400	X	0	=	\$0	\$7,500
WV Business College	\$91,250	X	0	+	\$250	X	0	=	\$0	\$0
WV Junior College	\$127,750	X	0	+	\$350	X	0	=	\$0	\$0
									\$0	\$5,045,833

**Hazard: Severe Thunderstorm (Harrison County)**

Name/Description of Asset	Structure Loss					Contents Loss				
	Structure Replacement Value (\$)	X	Percent Damage (%)	=	Loss to Structure (\$)	Replacement Value of Contents (\$)	X	Percent Damage (%)	=	Loss to Contents (\$)
Adamston Elementary	1,250,000.00	X	0.00%	=	\$0	750,000.00	X	0%	=	\$0
Anmoore FD	750,000.00	X	0.00%	=	\$0	3,250,000.00	X	0%	=	\$0
Big Elm Elementary	2,750,000.00	X	0.00%	=	\$0	925,000.00	X	0%	=	\$0
Bridgeport Office of Emergency Services (Bridgeport City Bldg.)	2,500,000.00	X	0.00%	=	\$0	1,375,000.00	X	0%	=	\$0
Bridgeport FD	3,800,000.00	X	0.00%	=	\$0	6,250,000.00	X	0%	=	\$0
Bridgeport High School	5,200,000.00	X	0.00%	=	\$0	1,650,000.00	X	0%	=	\$0
Bridgeport MS	3,800,000.00	X	0.00%	=	\$0	1,250,000.00	X	0%	=	\$0
Bridgeport Senior Center	250,000.00	X	0.00%	=	\$0	75,000.00	X	0%	=	\$0
Clarksburg Campus - Fairmont Stat College	2,200,000.00	X	0.00%	=	\$0	1,450,000.00	X	0%	=	\$0
Clarksburg Continuous Care Center	2,130,000.00	X	0.00%	=	\$0	850,000.00	X	0%	=	\$0
Clarksburg FD	6,225,000.00	X	0.00%	=	\$0	8,765,000.00	X	0%	=	\$0
Clarksburg Senior Center	750,000.00	X	0.00%	=	\$0	175,000.00	X	0%	=	\$0
Clarksburg Sewer Plant	3,250,000.00	X	0.00%	=	\$0	24,370,000.00	X	0%	=	\$0
Clarksburg Water Plant	4,500,000.00	X	0.00%	=	\$0	25,400,000.00	X	0%	=	\$0
Demyon's Golden Circle	225,000.00	X	0.00%	=	\$0	60,000.00	X	0%	=	\$0
Emmanuel Christian	1,625,000.00	X	0.00%	=	\$0	445,000.00	X	0%	=	\$0
Glaspell Lumber Co., Inc	650,000.00	X	0.00%	=	\$0	4,000,000.00	X	0%	=	\$0
Gore Middle School	5,500,000.00	X	0.00%	=	\$0	1,850,000.00	X	0%	=	\$0
Greater Harrison County Sewer Plant	1,200,000.00	X	0.00%	=	\$0	23,000,000.00	X	0%	=	\$0
Harden Elementary	1,650,000.00	X	0.00%	=	\$0	450,000.00	X	0%	=	\$0
Harrison County Bureau of Emergency Services	1,240,000.00	X	0.00%	=	\$0	2,650,000.00	X	0%	=	\$0

Harrison-Marion Regional Airport	750,650,000.00	X	0.00%	=	\$0	25,000,000.00	X	0%	=	\$0
Heartland of Clarksburg	1,300,000.00	X	0.00%	=	\$0	850,000.00	X	0%	=	\$0
Heritage Christian	5,250,000.00	X	0.00%	=	\$0	2,150,000.00	X	0%	=	\$0
Johnson ES	3,245,000.00	X	0.00%	=	\$0	1,250,000.00	X	0%	=	\$0
Johnstown FD	250,000.00	X	0.00%	=	\$0	750,000.00	X	0%	=	\$0
Liberty High School	11,325,000.00	X	0.00%	=	\$0	2,250,000.00	X	0%	=	\$0
Lincoln High School	14,475,000.00	X	0.00%	=	\$0	3,100,000.00	X	0%	=	\$0
Lost Creek Elementary	1,850,000.00	X	0.00%	=	\$0	900,000.00	X	0%	=	\$0
Lost Creek FD	250,000.00	X	0.00%	=	\$0	650,000.00	X	0%	=	\$0
Lost Creek Senior Center	65,000.00	X	0.00%	=	\$0	12,000.00	X	0%	=	\$0
Lumberport Elementary	2,750,000.00	X	0.00%	=	\$0	1,650,000.00	X	0%	=	\$0
Lumberport FD	275,000.00	X	0.00%	=	\$0	1,650,000.00	X	0%	=	\$0
Lumberport Middle School	3,750,000.00	X	0.00%	=	\$0	1,050,000.00	X	0%	=	\$0
Meadow View Manor Health Care Center	1,150,000.00	X	0.00%	=	\$0	650,000.00	X	0%	=	\$0
Medbrook	350,000.00	X	0.00%	=	\$0	2,500,000.00	X	0%	=	\$0
Mt. Clare FD	250,000.00	X	0.00%	=	\$0	1,150,000.00	X	0%	=	\$0
North View Elementary	2,475,000.00	X	0.00%	=	\$0	675,000.00	X	0%	=	\$0
Notre Dame High School	6,500,000.00	X	0.00%	=	\$0	2,150,000.00	X	0%	=	\$0
Nutter Fort Elementary	4,250,000.00	X	0.00%	=	\$0	2,250,000.00	X	0%	=	\$0
Nutter Fort FD	750,000.00	X	0.00%	=	\$0	2,850,000.00	X	0%	=	\$0
Premier Medical Group	350,000.00	X	0.00%	=	\$0	1,850,000.00	X	0%	=	\$0
Pressley Ridge	750,000.00	X	0.00%	=	\$0	275,000.00	X	0%	=	\$0
Residential	1,000,566,600.00	X	0.00%	=	\$0	0.00	X	0%	=	\$0
Reynoldsville FD	250,000.00	X	0.00%	=	\$0	750,000.00	X	0%	=	\$0
Rober C. Byrd High School	14,100,000.00	X	0.00%	=	\$0	6,750,000.00	X	0%	=	\$0
Salem FD	250,000.00	X	0.00%	=	\$0	1,150,000.00	X	0%	=	\$0
Salem International University	225,000,000.00	X	0.00%	=	\$0	105,000,000.00	X	0%	=	\$0
Salem Elem. School	1,400,000.00	X	0.00%	=	\$0	350,000.00	X	0%	=	\$0
Shinnston Clinic	110,000.00	X	0.00%	=	\$0	230,000.00	X	0%	=	\$0
Shinnston FD	1,250,000.00	X	0.00%	=	\$0	3,250,000.00	X	0%	=	\$0

Shinnston Sewer Plant	250,000.00	X	0.00%	=	\$0	14,275,000.00	X	0%	=	\$0
South Harrison Middle School	7,650,000.00	X	0.00%	=	\$0	2,150,000.00	X	0%	=	\$0
South Harrison High School	11,275,000.00	X	0.00%	=	\$0	3,250,000.00	X	0%	=	\$0
Spelter FD	250,000.00	X	0.00%	=	\$0	1,150,000.00	X	0%	=	\$0
St. Mary's Elementary School	2,125,000.00	X	0.00%	=	\$0	875,000.00	X	0%	=	\$0
Stonewood FD	350,000.00	X	0.00%	=	\$0	975,000.00	X	0%	=	\$0
Summit Park FD	175,000.00	X	0.00%	=	\$0	850,000.00	X	0%	=	\$0
Sunbridge Care and Reahabilitation	1,200,000.00	X	0.00%	=	\$0	425,000.00	X	0%	=	\$0
The Heritage	1,745,000.00	X	0.00%	=	\$0	510,000.00	X	0%	=	\$0
United Hospital Center	375,000,000.00	X	0.00%	=	\$0	200,000,000.00	X	0%	=	\$0
United Technical Center	1,425,000.00	X	0.00%	=	\$0	3,100,000.00	X	0%	=	\$0
VA Hospital	250,000,000.00	X	0.00%	=	\$0	115,000,000.00	X	0%	=	\$0
Van Horn Elementary	1,425,000.00	X	0.00%	=	\$0	750,000.00	X	0%	=	\$0
Wallace FD	150,000.00	X	0.00%	=	\$0	650,000.00	X	0%	=	\$0
West Milford Elementary	1,245,000.00	X	0.00%	=	\$0	850,000.00	X	0%	=	\$0
West Milford FD	175,000.00	X	0.00%	=	\$0	850,000.00	X	0%	=	\$0
West Milford Senior Center	1,250,000.00	X	0.00%	=	\$0	750,000.00	X	0%	=	\$0
West Virginia Division of Highways	350,000.00	X	0.00%	=	\$0	580,000.00	X	0%	=	\$0
Wilsonburg Elementary	1,500,000.00	X	0.00%	=	\$0	650,000.00	X	0%	=	\$0
WV Business College	350,000.00	X	0.00%	=	\$0	125,000.00	X	0%	=	\$0
WV Junior College	575,000.00	X	0.00%	=	\$0	250,000.00	X	0%	=	\$0
					\$0					\$0

**Hazard: Severe Thunderstorm (Harrison County)**

Name/Description of Asset	Structure Use and Function Loss									Structure + Contents + Function Loss
	Average Daily Operating Budget (\$)	X	Functional Downtime (# of days)	+	Displacement Cost per Day (\$)	X	Displacement Time (Days)	=	Structure Use & Function Loss (\$)	
Adamston Elementary	\$133,225	X	1.00	+	\$365	X	0	=	\$133,225	\$133,225
Anmoore FD	\$164,250	X	0.00	+	\$450	X	0	=	\$0	\$0
Big Elm Elementary	\$229,950	X	1.00	+	\$630	X	0	=	\$229,950	\$229,950
Bridgeport Office of Emergency Services (Bridgeport City Bldg.)	\$54,750	X	0.00	+	\$150	X	0	=	\$0	\$0
Bridgeport FD	\$602,250	X	0.00	+	\$1,650	X	0	=	\$0	\$0
Bridgeport High School	\$284,700	X	1.00	+	\$780	X	0	=	\$284,700	\$284,700
Bridgeport MS	\$273,750	X	1.00	+	\$750	X	0	=	\$273,750	\$273,750
Bridgeport Senior Center	\$54,750	X	0.50	+	\$150	X	0	=	\$27,375	\$27,375
Clarksburg Campus - Fairmont Stat College	\$69,350	X	0.50	+	\$190	X	0	=	\$34,675	\$34,675
Clarksburg Continuous Care Center	\$657,000	X	0.00	+	\$1,800	X	0	=	\$0	\$0
Clarksburg FD	\$91,250	X	0.00	+	\$250	X	0	=	\$0	\$0
Clarksburg Senior Center	\$65,700	X	0.50	+	\$180	X	0	=	\$32,850	\$32,850
Clarksburg Sewer Plant	\$200,750	X	0.00	+	\$550	X	0	=	\$0	\$0
Clarksburg Water Plant	\$182,500	X	0.00	+	\$500	X	0	=	\$0	\$0
Demyon's Golden Circle	\$60,225	X	0.00	+	\$165	X	0	=	\$0	\$0
Emmanuel Christian	\$127,750	X	1.00	+	\$350	X	0	=	\$127,750	\$127,750
Glaspell Lumber Co., Inc	\$76,650	X	0.00	+	\$210	X	0	=	\$0	\$0
Gore Middle School	\$273,750	X	1.00	+	\$750	X	0	=	\$273,750	\$273,750
Greater Harrison County Sewer Plant	\$173,375	X	0.00	+	\$475	X	0	=	\$0	\$0
Harden Elementary	\$89,425	X	1.00	+	\$245	X	0	=	\$89,425	\$89,425

Harrison County Bureau of Emergency Services	\$164,250	X	0.00	+	\$450	X	0	=	\$0	\$0
Harrison-Marion Regional Airport	\$1,533,000	X	0.50	+	\$4,200	X	0	=	\$766,500	\$766,500
Heartland of Clarksburg	\$657,000	X	0.00	+	\$1,800	X	0	=	\$0	\$0
Heritage Christian Johnson ES	\$345,900	X	1.00	+	\$620	X	0	=	\$345,900	\$345,900
Johnstown FD	\$164,250	X	1.00	+	\$450	X	0	=	\$164,250	\$164,250
Liberty High School	\$40,150	X	0.00	+	\$110	X	0	=	\$0	\$0
Lincoln High School	\$246,375	X	1.00	+	\$675	X	0	=	\$246,375	\$246,375
Lost Creek Elementary	\$262,800	X	1.00	+	\$720	X	0	=	\$262,800	\$262,800
Lost Creek FD	\$136,875	X	1.00	+	\$375	X	0	=	\$136,875	\$136,875
Lost Creek Senior Center	\$54,750	X	0.00	+	\$150	X	0	=	\$0	\$0
Lumberport Elementary	\$31,025	X	0.50	+	\$85	X	0	=	\$15,513	\$15,513
Lumberport FD	\$164,250	X	1.00	+	\$450	X	0	=	\$164,250	\$164,250
Lumberport Middle School	\$82,125	X	0.00	+	\$225	X	0	=	\$0	\$0
Meadow View Manor Health Care Center	\$173,375	X	1.00	+	\$475	X	0	=	\$173,375	\$173,375
Medbrook	\$511,000	X	0.00	+	\$1,400	X	0	=	\$0	\$0
Mt. Clare FD	\$547,500	X	0.00	+	\$1,500	X	0	=	\$0	\$0
North View Elementary	\$54,750	X	0.00	+	\$150	X	0	=	\$0	\$0
Notre Dame High School	\$169,725	X	1.00	+	\$465	X	0	=	\$169,725	\$169,725
Nutter Fort Elementary	\$231,775	X	1.00	+	\$635	X	0	=	\$231,775	\$231,775
Nutter Fort FD	\$328,500	X	1.00	+	\$900	X	0	=	\$328,500	\$328,500
Premier Medical Group	\$82,125	X	0.00	+	\$225	X	0	=	\$0	\$0
Pressley Ridge Residential	\$912,500	X	0.00	+	\$2,500	X	0	=	\$0	\$0
Reynoldsville FD	\$310,250	X	0.00	+	\$850	X	0	=	\$0	\$0
Rober C. Byrd High School	\$0	X	0.00	+	\$0	X	0	=	\$0	\$0
Salem FD	\$40,150	X	0.00	+	\$110	X	0	=	\$0	\$0
Salem International University	\$40,150	X	0.00	+	\$110	X	0	=	\$0	\$0
	\$2,007,500	X	0.50	+	\$5,500	X	0	=	\$1,003,750	\$1,003,750

Salem Elem. School	\$173,375	X	1.00	+	\$475	X	0	=	\$173,375	\$173,375
Shinnston Clinic	\$657,000	X	0.00	+	\$1,800	X	0	=	\$0	\$0
Shinnston FD	\$60,225	X	0.00	+	\$165	X	0	=	\$0	\$0
Shinnston Sewer Plant	\$246,375	X	0.00	+	\$675	X	0	=	\$0	\$0
South Harrison Middle School	\$213,525	X	1.00	+	\$585	X	0	=	\$213,525	\$213,525
South Harrison High School	\$237,250	X	1.00	+	\$650	X	0	=	\$237,250	\$237,250
Spelter FD	\$40,150	X	0.00	+	\$110	X	0	=	\$0	\$0
St. Mary's Elementary School	\$175,200	X	1.00	+	\$480	X	0	=	\$175,200	\$175,200
Stonewood FD	\$40,150	X	0.00	+	\$110	X	0	=	\$0	\$0
Summit Park FD	\$36,500	X	0.00	+	\$100	X	0	=	\$0	\$0
Sunbridge Care and Rehabilitation	\$803,000	X	0.00	+	\$2,200	X	0	=	\$0	\$0
The Heritage	\$328,500	X	0.00	+	\$900	X	0	=	\$0	\$0
United Hospital Center	\$4,380,000	X	0.00	+	\$12,000	X	0	=	\$0	\$0
United Technical Center	\$155,125	X	0.00	+	\$425	X	0	=	\$0	\$0
VA Hospital	\$4,106,250	X	0.00	+	\$11,250	X	0	=	\$0	\$0
Van Horn Elementary	\$169,725	X	1.00	+	\$465	X	0	=	\$169,725	\$169,725
Wallace FD	\$36,500	X	0.00	+	\$100	X	0	=	\$0	\$0
West Milford Elementary	\$177,025	X	1.00	+	\$485	X	0	=	\$177,025	\$177,025
West Milford FD	\$38,325	X	0.00	+	\$105	X	0	=	\$0	\$0
West Milford Senior Center	\$169,725	X	0.50	+	\$465	X	0	=	\$84,863	\$84,863
West Virginia Division of Highways	\$79,850	X	0.00	+	\$360	X	0	=	\$0	\$0
Wilsonburg Elementary	\$146,000	X	1.00	+	\$400	X	0	=	\$146,000	\$146,000
WV Business College	\$91,250	X	0.50	+	\$250	X	0	=	\$45,625	\$45,625
WV Junior College	\$127,750	X	0.50	+	\$350	X	0	=	\$63,875	\$63,875
									\$7,344,775	\$7,344,775

**Hazard: Severe Wind/Tornado (Harrison County)**

Name/Description of Asset	Structure Loss					Contents Loss				
	Structure Replacement Value (\$)	X	Percent Damage (%)	=	Loss to Structure (\$)	Replacement Value of Contents (\$)	X	Percent Damage (%)	=	Loss to Contents (\$)
Adamston Elementary	1,250,000.00	X	2%	=	\$25,000	750,000.00	X	0%	=	\$0
Anmoore FD	750,000.00	X	2%	=	\$15,000	3,250,000.00	X	0%	=	\$0
Big Elm Elementary	2,750,000.00	X	2%	=	\$55,000	925,000.00	X	0%	=	\$0
Bridgeport Office of Emergency Services (Bridgeport City Bldg.)	2,500,000.00	X	2%	=	\$50,000	1,375,000.00	X	0%	=	\$0
Bridgeport FD	3,800,000.00	X	2%	=	\$76,000	6,250,000.00	X	0%	=	\$0
Bridgeport High School	5,200,000.00	X	2%	=	\$104,000	1,650,000.00	X	0%	=	\$0
Bridgeport MS	3,800,000.00	X	2%	=	\$76,000	1,250,000.00	X	0%	=	\$0
Bridgeport Senior Center	250,000.00	X	2%	=	\$5,000	75,000.00	X	0%	=	\$0
Clarksburg Campus - Fairmont Stat College	2,200,000.00	X	2%	=	\$44,000	1,450,000.00	X	0%	=	\$0
Clarksburg Continuous Care Center	2,130,000.00	X	2%	=	\$42,600	850,000.00	X	0%	=	\$0
Clarksburg FD	6,225,000.00	X	2%	=	\$124,500	8,765,000.00	X	0%	=	\$0
Clarksburg Senior Center	750,000.00	X	2%	=	\$15,000	175,000.00	X	0%	=	\$0
Clarksburg Sewer Plant	3,250,000.00	X	1%	=	\$32,500	24,370,000.00	X	0%	=	\$0
Clarksburg Water Plant	4,500,000.00	X	1%	=	\$45,000	25,400,000.00	X	0%	=	\$0
Demyon's Golden Circle	225,000.00	X	2%	=	\$4,500	60,000.00	X	0%	=	\$0
Emmanuel Christian	1,625,000.00	X	2%	=	\$32,500	445,000.00	X	0%	=	\$0
Glaspell Lumber Co., Inc	650,000.00	X	2%	=	\$13,000	4,000,000.00	X	0%	=	\$0
Gore Middle School	5,500,000.00	X	2%	=	\$110,000	1,850,000.00	X	0%	=	\$0
Greater Harrison County Sewer Plant	1,200,000.00	X	1%	=	\$12,000	23,000,000.00	X	0%	=	\$0
Harden Elementary	1,650,000.00	X	2%	=	\$33,000	450,000.00	X	0%	=	\$0
Harrison County Bureau of Emergency Services	1,240,000.00	X	2%	=	\$24,800	2,650,000.00	X	0%	=	\$0

Harrison-Marion Regional Airport	750,650,000.00	X	5%	=	\$37,532,500	25,000,000.00	X	0%	=	\$0
Heartland of Clarksburg	1,300,000.00	X	2%	=	\$26,000	850,000.00	X	0%	=	\$0
Heritage Christian	5,250,000.00	X	2%	=	\$105,000	2,150,000.00	X	0%	=	\$0
Johnson ES	3,245,000.00	X	2%	=	\$64,900	1,250,000.00	X	0%	=	\$0
Johnstown FD	250,000.00	X	2%	=	\$5,000	750,000.00	X	0%	=	\$0
Liberty High School	11,325,000.00	X	2%	=	\$226,500	2,250,000.00	X	0%	=	\$0
Lincoln High School	14,475,000.00	X	2%	=	\$289,500	3,100,000.00	X	0%	=	\$0
Lost Creek Elementary	1,850,000.00	X	2%	=	\$37,000	900,000.00	X	0%	=	\$0
Lost Creek FD	250,000.00	X	2%	=	\$5,000	650,000.00	X	0%	=	\$0
Lost Creek Senior Center	65,000.00	X	2%	=	\$1,300	12,000.00	X	0%	=	\$0
Lumberport Elementary	2,750,000.00	X	2%	=	\$55,000	1,650,000.00	X	0%	=	\$0
Lumberport FD	275,000.00	X	2%	=	\$5,500	1,650,000.00	X	0%	=	\$0
Lumberport Middle School	3,750,000.00	X	2%	=	\$75,000	1,050,000.00	X	0%	=	\$0
Meadow View Manor Health Care Center	1,150,000.00	X	2%	=	\$23,000	650,000.00	X	0%	=	\$0
Medbrook	350,000.00	X	2%	=	\$7,000	2,500,000.00	X	0%	=	\$0
Mt. Clare FD	250,000.00	X	2%	=	\$5,000	1,150,000.00	X	0%	=	\$0
North View Elementary	2,475,000.00	X	2%	=	\$49,500	675,000.00	X	0%	=	\$0
Notre Dame High School	6,500,000.00	X	2%	=	\$130,000	2,150,000.00	X	0%	=	\$0
Nutter Fort Elementary	4,250,000.00	X	2%	=	\$85,000	2,250,000.00	X	0%	=	\$0
Nutter Fort FD	750,000.00	X	2%	=	\$15,000	2,850,000.00	X	0%	=	\$0
Premier Medical Group	350,000.00	X	2%	=	\$7,000	1,850,000.00	X	0%	=	\$0
Pressley Ridge	750,000.00	X	2%	=	\$15,000	275,000.00	X	0%	=	\$0
Residential	1,000,566,600.00	X	2%	=	\$20,011,332	0.00	X	0%	=	\$0
Reynoldsville FD	250,000.00	X	2%	=	\$5,000	750,000.00	X	0%	=	\$0
Rober C. Byrd High School	14,100,000.00	X	2%	=	\$282,000	6,750,000.00	X	0%	=	\$0
Salem FD	250,000.00	X	2%	=	\$5,000	1,150,000.00	X	0%	=	\$0
Salem International University	225,000,000.00	X	2%	=	\$4,500,000	105,000,000.00	X	0%	=	\$0
Salem Elem. School	1,400,000.00	X	2%	=	\$28,000	350,000.00	X	0%	=	\$0
Shinnston Clinic	110,000.00	X	2%	=	\$2,200	230,000.00	X	0%	=	\$0
Shinnston FD	1,250,000.00	X	2%	=	\$25,000	3,250,000.00	X	0%	=	\$0

Shinnston Sewer Plant	250,000.00	X	1%	=	\$2,500	14,275,000.00	X	0%	=	\$0
South Harrison Middle School	7,650,000.00	X	2%	=	\$153,000	2,150,000.00	X	0%	=	\$0
South Harrison High School	11,275,000.00	X	2%	=	\$225,500	3,250,000.00	X	0%	=	\$0
Spelter FD	250,000.00	X	2%	=	\$5,000	1,150,000.00	X	0%	=	\$0
St. Mary's Elementary School	2,125,000.00	X	2%	=	\$42,500	875,000.00	X	0%	=	\$0
Stonewood FD	350,000.00	X	2%	=	\$7,000	975,000.00	X	0%	=	\$0
Summit Park FD	175,000.00	X	2%	=	\$3,500	850,000.00	X	0%	=	\$0
Sunbridge Care and Reahabilitation	1,200,000.00	X	2%	=	\$24,000	425,000.00	X	0%	=	\$0
The Heritage	1,745,000.00	X	2%	=	\$34,900	510,000.00	X	0%	=	\$0
United Hospital Center	375,000,000.00	X	2%	=	\$7,500,000	200,000,000.00	X	0%	=	\$0
United Technical Center	1,425,000.00	X	2%	=	\$28,500	3,100,000.00	X	0%	=	\$0
VA Hospital	250,000,000.00	X	2%	=	\$5,000,000	115,000,000.00	X	0%	=	\$0
Van Horn Elementary	1,425,000.00	X	2%	=	\$28,500	750,000.00	X	0%	=	\$0
Wallace FD	150,000.00	X	2%	=	\$3,000	650,000.00	X	0%	=	\$0
West Milford Elementary	1,245,000.00	X	2%	=	\$24,900	850,000.00	X	0%	=	\$0
West Milford FD	175,000.00	X	2%	=	\$3,500	850,000.00	X	0%	=	\$0
West Milford Senior Center	1,250,000.00	X	2%	=	\$25,000	750,000.00	X	0%	=	\$0
West Virginia Division of Highways	350,000.00	X	2%	=	\$7,000	580,000.00	X	0%	=	\$0
Wilsonburg Elementary	1,500,000.00	X	2%	=	\$30,000	650,000.00	X	0%	=	\$0
WV Business College	350,000.00	X	2%	=	\$7,000	125,000.00	X	0%	=	\$0
WV Junior College	575,000.00	X	2%	=	\$11,500	250,000.00	X	0%	=	\$0
					\$77,729,432					\$0

**Hazard: Severe Wind/Tornado (Harrison County)**

Name/Description of Asset	Structure Use and Function Loss									Structure + Contents + Function Loss
	Average Daily Operating Budget (\$)	X	Functional Downtime (# of days)	+	Displacement Cost per Day (\$)	X	Displacement Time (Days)	=	Structure Use & Function Loss (\$)	
Adamston Elementary	\$133,225	X	0	+	\$365	X	0	=	\$0	\$25,000
Anmoore FD	\$164,250	X	0	+	\$450	X	0	=	\$0	\$15,000
Big Elm Elementary	\$229,950	X	0	+	\$630	X	0	=	\$0	\$55,000
Bridgeport Office of Emergency Services (Bridgeport City Bldg.)	\$54,750	X	0	+	\$150	X	0	=	\$0	\$50,000
Bridgeport FD	\$602,250	X	0	+	\$1,650	X	0	=	\$0	\$76,000
Bridgeport High School	\$284,700	X	0	+	\$780	X	0	=	\$0	\$104,000
Bridgeport MS	\$273,750	X	0	+	\$750	X	0	=	\$0	\$76,000
Bridgeport Senior Center	\$54,750	X	0	+	\$150	X	0	=	\$0	\$5,000
Clarksburg Campus - Fairmont Stat College	\$69,350	X	0	+	\$190	X	0	=	\$0	\$44,000
Clarksburg Continuous Care Center	\$657,000	X	0	+	\$1,800	X	0	=	\$0	\$42,600
Clarksburg FD	\$91,250	X	0	+	\$250	X	0	=	\$0	\$124,500
Clarksburg Senior Center	\$65,700	X	0	+	\$180	X	0	=	\$0	\$15,000
Clarksburg Sewer Plant	\$200,750	X	0	+	\$550	X	0	=	\$0	\$32,500
Clarksburg Water Plant	\$182,500	X	0	+	\$500	X	0	=	\$0	\$45,000
Demyon's Golden Circle	\$60,225	X	0	+	\$165	X	0	=	\$0	\$4,500
Emmanuel Christian	\$127,750	X	0	+	\$350	X	0	=	\$0	\$32,500
Glaspell Lumber Co., Inc	\$76,650	X	0	+	\$210	X	0	=	\$0	\$13,000
Gore Middle School	\$273,750	X	0	+	\$750	X	0	=	\$0	\$110,000
Greater Harrison County Sewer Plant	\$173,375	X	0	+	\$475	X	0	=	\$0	\$12,000
Harden Elementary	\$89,425	X	0	+	\$245	X	0	=	\$0	\$33,000



Salem Elem. School	\$173,375	X	0	+	\$475	X	0	=	\$0	\$28,000
Shinnston Clinic	\$657,000	X	0	+	\$1,800	X	0	=	\$0	\$2,200
Shinnston FD	\$60,225	X	0	+	\$165	X	0	=	\$0	\$25,000
Shinnston Sewer Plant	\$246,375	X	0	+	\$675	X	0	=	\$0	\$2,500
South Harrison Middle School	\$213,525	X	0	+	\$585	X	0	=	\$0	\$153,000
South Harrison High School	\$237,250	X	0	+	\$650	X	0	=	\$0	\$225,500
Spelter FD	\$40,150	X	0	+	\$110	X	0	=	\$0	\$5,000
St. Mary's Elementary School	\$175,200	X	0	+	\$480	X	0	=	\$0	\$42,500
Stonewood FD	\$40,150	X	0	+	\$110	X	0	=	\$0	\$7,000
Summit Park FD	\$36,500	X	0	+	\$100	X	0	=	\$0	\$3,500
Sunbridge Care and Reahabilitation	\$803,000	X	0	+	\$2,200	X	0	=	\$0	\$24,000
The Heritage	\$328,500	X	0	+	\$900	X	0	=	\$0	\$34,900
United Hospital Center	\$4,380,000	X	0	+	\$12,000	X	0	=	\$0	\$7,500,000
United Technical Center	\$155,125	X	0	+	\$425	X	0	=	\$0	\$28,500
VA Hospital	\$4,106,250	X	0	+	\$11,250	X	0	=	\$0	\$5,000,000
Van Horn Elementary	\$169,725	X	0	+	\$465	X	0	=	\$0	\$28,500
Wallace FD	\$36,500	X	0	+	\$100	X	0	=	\$0	\$3,000
West Milford Elementary	\$177,025	X	0	+	\$485	X	0	=	\$0	\$24,900
West Milford FD	\$38,325	X	0	+	\$105	X	0	=	\$0	\$3,500
West Milford Senior Center	\$169,725	X	0	+	\$465	X	0	=	\$0	\$25,000
West Virginia Division of Highways	\$79,850	X	0	+	\$360	X	0	=	\$0	\$7,000
Wilsonburg Elementary	\$146,000	X	0	+	\$400	X	0	=	\$0	\$30,000
WV Business College	\$91,250	X	0	+	\$250	X	0	=	\$0	\$7,000
WV Junior College	\$127,750	X	0	+	\$350	X	0	=	\$0	\$11,500
								=	\$0	\$77,729,432

**Hazard: Severe Winterstorm (Harrison County)**

Name/Description of Asset	Structure Loss					Contents Loss				
	Structure Replacement Value (\$)	X	Percent Damage (%)	=	Loss to Structure (\$)	Replacement Value of Contents (\$)	X	Percent Damage (%)	=	Loss to Contents (\$)
Adamston Elementary	1,250,000.00	X	0%	=	\$0	750,000.00	X	0%	=	\$0
Anmoore FD	750,000.00	X	0%	=	\$0	3,250,000.00	X	0%	=	\$0
Big Elm Elementary	2,750,000.00	X	0%	=	\$0	925,000.00	X	0%	=	\$0
Bridgeport Office of Emergency Services (Bridgeport City Bldg.)	2,500,000.00	X	0%	=	\$0	1,375,000.00	X	0%	=	\$0
Bridgeport FD	3,800,000.00	X	0%	=	\$0	6,250,000.00	X	0%	=	\$0
Bridgeport High School	5,200,000.00	X	0%	=	\$0	1,650,000.00	X	0%	=	\$0
Bridgeport MS	3,800,000.00	X	0%	=	\$0	1,250,000.00	X	0%	=	\$0
Bridgeport Senior Center	250,000.00	X	0%	=	\$0	75,000.00	X	0%	=	\$0
Clarksburg Campus - Fairmont Stat College	2,200,000.00	X	0%	=	\$0	1,450,000.00	X	0%	=	\$0
Clarksburg Continuous Care Center	2,130,000.00	X	0%	=	\$0	850,000.00	X	0%	=	\$0
Clarksburg FD	6,225,000.00	X	0%	=	\$0	8,765,000.00	X	0%	=	\$0
Clarksburg Senior Center	750,000.00	X	0%	=	\$0	175,000.00	X	0%	=	\$0
Clarksburg Sewer Plant	3,250,000.00	X	0%	=	\$0	24,370,000.00	X	0%	=	\$0
Clarksburg Water Plant	4,500,000.00	X	0%	=	\$0	25,400,000.00	X	0%	=	\$0
Demyon's Golden Circle	225,000.00	X	0%	=	\$0	60,000.00	X	0%	=	\$0
Emmanuel Christian	1,625,000.00	X	0%	=	\$0	445,000.00	X	0%	=	\$0
Glaspell Lumber Co., Inc	650,000.00	X	0%	=	\$0	4,000,000.00	X	0%	=	\$0
Gore Middle School	5,500,000.00	X	0%	=	\$0	1,850,000.00	X	0%	=	\$0
Greater Harrison County Sewer Plant	1,200,000.00	X	0%	=	\$0	23,000,000.00	X	0%	=	\$0
Harden Elementary	1,650,000.00	X	0%	=	\$0	450,000.00	X	0%	=	\$0
Harrison County Bureau of Emergency Services	1,240,000.00	X	0%	=	\$0	2,650,000.00	X	0%	=	\$0

Harrison-Marion Regional Airport	750,650,000.00	X	0%	=	\$0	25,000,000.00	X	0%	=	\$0
Heartland of Clarksburg	1,300,000.00	X	0%	=	\$0	850,000.00	X	0%	=	\$0
Heritage Christian	5,250,000.00	X	0%	=	\$0	2,150,000.00	X	0%	=	\$0
Johnson ES	3,245,000.00	X	0%	=	\$0	1,250,000.00	X	0%	=	\$0
Johnstown FD	250,000.00	X	0%	=	\$0	750,000.00	X	0%	=	\$0
Liberty High School	11,325,000.00	X	0%	=	\$0	2,250,000.00	X	0%	=	\$0
Lincoln High School	14,475,000.00	X	0%	=	\$0	3,100,000.00	X	0%	=	\$0
Lost Creek Elementary	1,850,000.00	X	0%	=	\$0	900,000.00	X	0%	=	\$0
Lost Creek FD	250,000.00	X	0%	=	\$0	650,000.00	X	0%	=	\$0
Lost Creek Senior Center	65,000.00	X	0%	=	\$0	12,000.00	X	0%	=	\$0
Lumberport Elementary	2,750,000.00	X	0%	=	\$0	1,650,000.00	X	0%	=	\$0
Lumberport FD	275,000.00	X	0%	=	\$0	1,650,000.00	X	0%	=	\$0
Lumberport Middle School	3,750,000.00	X	0%	=	\$0	1,050,000.00	X	0%	=	\$0
Meadow View Manor Health Care Center	1,150,000.00	X	0%	=	\$0	650,000.00	X	0%	=	\$0
Medbrook	350,000.00	X	0%	=	\$0	2,500,000.00	X	0%	=	\$0
Mt. Clare FD	250,000.00	X	0%	=	\$0	1,150,000.00	X	0%	=	\$0
North View Elementary	2,475,000.00	X	0%	=	\$0	675,000.00	X	0%	=	\$0
Notre Dame High School	6,500,000.00	X	0%	=	\$0	2,150,000.00	X	0%	=	\$0
Nutter Fort Elementary	4,250,000.00	X	0%	=	\$0	2,250,000.00	X	0%	=	\$0
Nutter Fort FD	750,000.00	X	0%	=	\$0	2,850,000.00	X	0%	=	\$0
Premier Medical Group	350,000.00	X	0%	=	\$0	1,850,000.00	X	0%	=	\$0
Pressley Ridge	750,000.00	X	0%	=	\$0	275,000.00	X	0%	=	\$0
Residential	1,000,566,600.00	X	0%	=	\$0	0.00	X	0%	=	\$0
Reynoldsville FD	250,000.00	X	0%	=	\$0	750,000.00	X	0%	=	\$0
Rober C. Byrd High School	14,100,000.00	X	0%	=	\$0	6,750,000.00	X	0%	=	\$0
Salem FD	250,000.00	X	0%	=	\$0	1,150,000.00	X	0%	=	\$0
Salem International University	225,000,000.00	X	0%	=	\$0	105,000,000.00	X	0%	=	\$0
Salem Elem. School	1,400,000.00	X	0%	=	\$0	350,000.00	X	0%	=	\$0
Shinnston Clinic	110,000.00	X	0%	=	\$0	230,000.00	X	0%	=	\$0
Shinnston FD	1,250,000.00	X	0%	=	\$0	3,250,000.00	X	0%	=	\$0

Shinnston Sewer Plant	250,000.00	X	0%	=	\$0	14,275,000.00	X	0%	=	\$0
South Harrison Middle School	7,650,000.00	X	0%	=	\$0	2,150,000.00	X	0%	=	\$0
South Harrison High School	11,275,000.00	X	0%	=	\$0	3,250,000.00	X	0%	=	\$0
Spelter FD	250,000.00	X	0%	=	\$0	1,150,000.00	X	0%	=	\$0
St. Mary's Elementary School	2,125,000.00	X	0%	=	\$0	875,000.00	X	0%	=	\$0
Stonewood FD	350,000.00	X	0%	=	\$0	975,000.00	X	0%	=	\$0
Summit Park FD	175,000.00	X	0%	=	\$0	850,000.00	X	0%	=	\$0
Sunbridge Care and Reahabilitation	1,200,000.00	X	0%	=	\$0	425,000.00	X	0%	=	\$0
The Heritage	1,745,000.00	X	0%	=	\$0	510,000.00	X	0%	=	\$0
United Hospital Center	375,000,000.00	X	0%	=	\$0	200,000,000.00	X	0%	=	\$0
United Technical Center	1,425,000.00	X	0%	=	\$0	3,100,000.00	X	0%	=	\$0
VA Hospital	250,000,000.00	X	0%	=	\$0	115,000,000.00	X	0%	=	\$0
Van Horn Elementary	1,425,000.00	X	0%	=	\$0	750,000.00	X	0%	=	\$0
Wallace FD	150,000.00	X	0%	=	\$0	650,000.00	X	0%	=	\$0
West Milford Elementary	1,245,000.00	X	0%	=	\$0	850,000.00	X	0%	=	\$0
West Milford FD	175,000.00	X	0%	=	\$0	850,000.00	X	0%	=	\$0
West Milford Senior Center	1,250,000.00	X	0%	=	\$0	750,000.00	X	0%	=	\$0
West Virginia Division of Highways	350,000.00	X	0%	=	\$0	580,000.00	X	0%	=	\$0
Wilsonburg Elementary	1,500,000.00	X	0%	=	\$0	650,000.00	X	0%	=	\$0
WV Business College	350,000.00	X	0%	=	\$0	125,000.00	X	0%	=	\$0
WV Junior College	575,000.00	X	0%	=	\$0	250,000.00	X	0%	=	\$0
					\$0					\$0

**Hazard: Severe Winterstorm (Harrison County)**

Name/Description of Asset	Structure Use and Function Loss									Structure + Contents + Function Loss
	Average Daily Operating Budget (\$)	X	Functional Downtime (# of days)	+	Displacement Cost per Day (\$)	X	Displacement Time (Days)	=	Structure Use & Function Loss (\$)	
Adamston Elementary	\$133,225	X	2	+	\$365	X	0	=	\$266,450	\$266,450
Anmoore FD	\$164,250	X	0	+	\$450	X	0	=	\$0	\$0
Big Elm Elementary	\$229,950	X	2	+	\$630	X	0	=	\$459,900	\$459,900
Bridgeport Office of Emergency Services (Bridgeport City Bldg.)	\$54,750	X	0	+	\$150	X	0	=	\$0	\$0
Bridgeport FD	\$602,250	X	0	+	\$1,650	X	0	=	\$0	\$0
Bridgeport High School	\$284,700	X	2	+	\$780	X	0	=	\$569,400	\$569,400
Bridgeport MS	\$273,750	X	2	+	\$750	X	0	=	\$547,500	\$547,500
Bridgeport Senior Center	\$54,750	X	0	+	\$150	X	0	=	\$0	\$0
Clarksburg Campus - Fairmont State College	\$69,350	X	0	+	\$190	X	0	=	\$0	\$0
Clarksburg Continuous Care Center	\$657,000	X	0	+	\$1,800	X	0	=	\$0	\$0
Clarksburg FD	\$91,250	X	0	+	\$250	X	0	=	\$0	\$0
Clarksburg Senior Center	\$65,700	X	0	+	\$180	X	0	=	\$0	\$0
Clarksburg Sewer Plant	\$200,750	X	0	+	\$550	X	0	=	\$0	\$0
Clarksburg Water Plant	\$182,500	X	0	+	\$500	X	0	=	\$0	\$0
Demyon's Golden Circle	\$60,225	X	0	+	\$165	X	0	=	\$0	\$0
Emmanuel Christian	\$127,750	X	0	+	\$350	X	0	=	\$0	\$0
Glaspell Lumber Co., Inc	\$76,650	X	0	+	\$210	X	0	=	\$0	\$0
Gore Middle School	\$273,750	X	2	+	\$750	X	0	=	\$547,500	\$547,500
Greater Harrison County Sewer Plant	\$173,375	X	0	+	\$475	X	0	=	\$0	\$0
Harden Elementary	\$89,425	X	2	+	\$245	X	0	=	\$178,850	\$178,850

Harrison County Bureau of Emergency Services	\$164,250	X	0	+	\$450	X	0	=	\$0	\$0
Harrison-Marion Regional Airport	\$1,533,000	X	0	+	\$4,200	X	0	=	\$0	\$0
Heartland of Clarksburg	\$657,000	X	0	+	\$1,800	X	0	=	\$0	\$0
Heritage Christian Johnson ES	\$345,900	X	2	+	\$620	X	0	=	\$691,800	\$691,800
Johnstown FD	\$164,250	X	2	+	\$450	X	0	=	\$328,500	\$328,500
Liberty High School	\$40,150	X	0	+	\$110	X	0	=	\$0	\$0
Lincoln High School	\$246,375	X	2	+	\$675	X	0	=	\$492,750	\$492,750
Lost Creek Elementary	\$262,800	X	2	+	\$720	X	0	=	\$525,600	\$525,600
Lost Creek FD	\$136,875	X	2	+	\$375	X	0	=	\$273,750	\$273,750
Lost Creek Senior Center	\$54,750	X	0	+	\$150	X	0	=	\$0	\$0
Lumberport Elementary	\$31,025	X	0	+	\$85	X	0	=	\$0	\$0
Lumberport FD	\$164,250	X	2	+	\$450	X	0	=	\$328,500	\$328,500
Lumberport Middle School	\$82,125	X	0	+	\$225	X	0	=	\$0	\$0
Meadow View Manor Health Care Center	\$173,375	X	2	+	\$475	X	0	=	\$346,750	\$346,750
Medbrook	\$511,000	X	0	+	\$1,400	X	0	=	\$0	\$0
Mt. Clare FD	\$547,500	X	0	+	\$1,500	X	0	=	\$0	\$0
North View Elementary	\$54,750	X	0	+	\$150	X	0	=	\$0	\$0
Notre Dame High School	\$169,725	X	2	+	\$465	X	0	=	\$339,450	\$339,450
Nutter Fort Elementary	\$231,775	X	2	+	\$635	X	0	=	\$463,550	\$463,550
Nutter Fort FD	\$328,500	X	2	+	\$900	X	0	=	\$657,000	\$657,000
Premier Medical Group	\$82,125	X	0	+	\$225	X	0	=	\$0	\$0
Pressley Ridge	\$912,500	X	0	+	\$2,500	X	0	=	\$0	\$0
Residential	\$310,250	X	0	+	\$850	X	0	=	\$0	\$0
Reynoldsville FD	\$0	X	0	+	\$0	X	0	=	\$0	\$0
Rober C. Byrd High School	\$40,150	X	0	+	\$110	X	0	=	\$0	\$0
Salem FD	\$341,275	X	2	+	\$935	X	0	=	\$682,550	\$682,550
Salem International University	\$40,150	X	0	+	\$110	X	0	=	\$0	\$0
	\$2,007,500	X	0	+	\$5,500	X	0	=	\$0	\$0

Salem Elem. School	\$173,375	X	2	+	\$475	X	0	=	\$346,750	\$346,750
Shinnston Clinic	\$657,000	X	0	+	\$1,800	X	0	=	\$0	\$0
Shinnston FD	\$60,225	X	0	+	\$165	X	0	=	\$0	\$0
Shinnston Sewer Plant	\$246,375	X	0	+	\$675	X	0	=	\$0	\$0
South Harrison Middle School	\$213,525	X	2	+	\$585	X	0	=	\$427,050	\$427,050
South Harrison High School	\$237,250	X	2	+	\$650	X	0	=	\$474,500	\$474,500
Spelter FD	\$40,150	X	0	+	\$110	X	0	=	\$0	\$0
St. Mary's Elementary School	\$175,200	X	2	+	\$480	X	0	=	\$350,400	\$350,400
Stonewood FD	\$40,150	X	0	+	\$110	X	0	=	\$0	\$0
Summit Park FD	\$36,500	X	0	+	\$100	X	0	=	\$0	\$0
Sunbridge Care and Reahabilitation	\$803,000	X	0	+	\$2,200	X	0	=	\$0	\$0
The Heritage	\$328,500	X	0	+	\$900	X	0	=	\$0	\$0
United Hospital Center	\$4,380,000	X	0	+	\$12,000	X	0	=	\$0	\$0
United Technical Center	\$155,125	X	0	+	\$425	X	0	=	\$0	\$0
VA Hospital	\$4,106,250	X	0	+	\$11,250	X	0	=	\$0	\$0
Van Horn Elementary	\$169,725	X	2	+	\$465	X	0	=	\$339,450	\$339,450
Wallace FD	\$36,500	X	0	+	\$100	X	0	=	\$0	\$0
West Milford Elementary	\$177,025	X	2	+	\$485	X	0	=	\$354,050	\$354,050
West Milford FD	\$38,325	X	0	+	\$105	X	0	=	\$0	\$0
West Milford Senior Center	\$169,725	X	0	+	\$465	X	0	=	\$0	\$0
West Virginia Division of Highways	\$79,850	X	0	+	\$360	X	0	=	\$0	\$0
Wilsonburg Elementary	\$146,000	X	2	+	\$400	X	0	=	\$292,000	\$292,000
WV Business College	\$91,250	X	0	+	\$250	X	0	=	\$0	\$0
WV Junior College	\$127,750	X	0	+	\$350	X	0	=	\$0	\$0
									\$10,284,000	\$10,284,000

**Hazard: Wildfires (Harrison County)**

Name/Description of Asset	Structure Loss					Contents Loss				
	Structure Replacement Value (\$)	X	Percent Damage (%)	=	Loss to Structure (\$)	Replacement Value of Contents (\$)	X	Percent Damage (%)	=	Loss to Contents (\$)
Adamston Elementary	1,250,000.00	X	0.00%	=	\$0	750,000.00	X	0%	=	\$0
Anmoore FD	750,000.00	X	0.00%	=	\$0	3,250,000.00	X	0%	=	\$0
Big Elm Elementary	2,750,000.00	X	0.00%	=	\$0	925,000.00	X	0%	=	\$0
Bridgeport Office of Emergency Services (Bridgeport City Bldg.)	2,500,000.00	X	0.00%	=	\$0	1,375,000.00	X	0%	=	\$0
Bridgeport FD	3,800,000.00	X	0.00%	=	\$0	6,250,000.00	X	0%	=	\$0
Bridgeport High School	5,200,000.00	X	0.00%	=	\$0	1,650,000.00	X	0%	=	\$0
Bridgeport MS	3,800,000.00	X	0.00%	=	\$0	1,250,000.00	X	0%	=	\$0
Bridgeport Senior Center	250,000.00	X	0.00%	=	\$0	75,000.00	X	0%	=	\$0
Clarksburg Campus - Fairmont Stat College	2,200,000.00	X	0.00%	=	\$0	1,450,000.00	X	0%	=	\$0
Clarksburg Continuous Care Center	2,130,000.00	X	0.00%	=	\$0	850,000.00	X	0%	=	\$0
Clarksburg FD	6,225,000.00	X	0.00%	=	\$0	8,765,000.00	X	0%	=	\$0
Clarksburg Senior Center	750,000.00	X	0.00%	=	\$0	175,000.00	X	0%	=	\$0
Clarksburg Sewer Plant	3,250,000.00	X	0.00%	=	\$0	24,370,000.00	X	0%	=	\$0
Clarksburg Water Plant	4,500,000.00	X	0.00%	=	\$0	25,400,000.00	X	0%	=	\$0
Demyon's Golden Circle	225,000.00	X	0.00%	=	\$0	60,000.00	X	0%	=	\$0
Emmanuel Christian	1,625,000.00	X	0.00%	=	\$0	445,000.00	X	0%	=	\$0
Glaspell Lumber Co., Inc	650,000.00	X	0.00%	=	\$0	4,000,000.00	X	0%	=	\$0
Gore Middle School	5,500,000.00	X	0.00%	=	\$0	1,850,000.00	X	0%	=	\$0
Greater Harrison County Sewer Plant	1,200,000.00	X	0.00%	=	\$0	23,000,000.00	X	0%	=	\$0
Harden Elementary	1,650,000.00	X	0.00%	=	\$0	450,000.00	X	0%	=	\$0
Harrison County Bureau of Emergency Services	1,240,000.00	X	0.00%	=	\$0	2,650,000.00	X	0%	=	\$0

Harrison-Marion Regional Airport	750,650,000.00	X	0.00%	=	\$0	25,000,000.00	X	0%	=	\$0
Heartland of Clarksburg	1,300,000.00	X	0.00%	=	\$0	850,000.00	X	0%	=	\$0
Heritage Christian	5,250,000.00	X	0.00%	=	\$0	2,150,000.00	X	0%	=	\$0
Johnson ES	3,245,000.00	X	0.00%	=	\$0	1,250,000.00	X	0%	=	\$0
Johnstown FD	250,000.00	X	1.00%	=	\$2,500	750,000.00	X	0%	=	\$0
Liberty High School	11,325,000.00	X	1.00%	=	\$113,250	2,250,000.00	X	0%	=	\$0
Lincoln High School	14,475,000.00	X	0.00%	=	\$0	3,100,000.00	X	0%	=	\$0
Lost Creek Elementary	1,850,000.00	X	0.00%	=	\$0	900,000.00	X	0%	=	\$0
Lost Creek FD	250,000.00	X	0.00%	=	\$0	650,000.00	X	0%	=	\$0
Lost Creek Senior Center	65,000.00	X	0.00%	=	\$0	12,000.00	X	0%	=	\$0
Lumberport Elementary	2,750,000.00	X	0.00%	=	\$0	1,650,000.00	X	0%	=	\$0
Lumberport FD	275,000.00	X	0.00%	=	\$0	1,650,000.00	X	0%	=	\$0
Lumberport Middle School	3,750,000.00	X	0.00%	=	\$0	1,050,000.00	X	0%	=	\$0
Meadow View Manor Health Care Center	1,150,000.00	X	0.00%	=	\$0	650,000.00	X	0%	=	\$0
Medbrook	350,000.00	X	0.00%	=	\$0	2,500,000.00	X	0%	=	\$0
Mt. Clare FD	250,000.00	X	1.00%	=	\$2,500	1,150,000.00	X	0%	=	\$0
North View Elementary	2,475,000.00	X	0.00%	=	\$0	675,000.00	X	0%	=	\$0
Notre Dame High School	6,500,000.00	X	0.00%	=	\$0	2,150,000.00	X	0%	=	\$0
Nutter Fort Elementary	4,250,000.00	X	0.00%	=	\$0	2,250,000.00	X	0%	=	\$0
Nutter Fort FD	750,000.00	X	0.00%	=	\$0	2,850,000.00	X	0%	=	\$0
Premier Medical Group	350,000.00	X	0.00%	=	\$0	1,850,000.00	X	0%	=	\$0
Pressley Ridge	750,000.00	X	0.00%	=	\$0	275,000.00	X	0%	=	\$0
Residential	1,000,566,600.00	X	0.00%	=	\$0	0.00	X	0%	=	\$0
Reynoldsville FD	250,000.00	X	0.00%	=	\$0	750,000.00	X	0%	=	\$0
Rober C. Byrd High School	14,100,000.00	X	0.00%	=	\$0	6,750,000.00	X	0%	=	\$0
Salem FD	250,000.00	X	0.00%	=	\$0	1,150,000.00	X	0%	=	\$0
Salem International University	225,000,000.00	X	0.00%	=	\$0	105,000,000.00	X	0%	=	\$0
Salem Elem. School	1,400,000.00	X	0.00%	=	\$0	350,000.00	X	0%	=	\$0
Shinnston Clinic	110,000.00	X	0.00%	=	\$0	230,000.00	X	0%	=	\$0
Shinnston FD	1,250,000.00	X	0.00%	=	\$0	3,250,000.00	X	0%	=	\$0

Shinnston Sewer Plant	250,000.00	X	0.00%	=	\$0	14,275,000.00	X	0%	=	\$0
South Harrison Middle School	7,650,000.00	X	0.00%	=	\$0	2,150,000.00	X	0%	=	\$0
South Harrison High School	11,275,000.00	X	0.00%	=	\$0	3,250,000.00	X	0%	=	\$0
Spelter FD	250,000.00	X	0.00%	=	\$0	1,150,000.00	X	0%	=	\$0
St. Mary's Elementary School	2,125,000.00	X	0.00%	=	\$0	875,000.00	X	0%	=	\$0
Stonewood FD	350,000.00	X	0.00%	=	\$0	975,000.00	X	0%	=	\$0
Summit Park FD	175,000.00	X	0.00%	=	\$0	850,000.00	X	0%	=	\$0
Sunbridge Care and Reahabilitation	1,200,000.00	X	0.00%	=	\$0	425,000.00	X	0%	=	\$0
The Heritage	1,745,000.00	X	0.00%	=	\$0	510,000.00	X	0%	=	\$0
United Hospital Center	375,000,000.00	X	0.00%	=	\$0	200,000,000.00	X	0%	=	\$0
United Technical Center	1,425,000.00	X	0.00%	=	\$0	3,100,000.00	X	0%	=	\$0
VA Hospital	250,000,000.00	X	0.00%	=	\$0	115,000,000.00	X	0%	=	\$0
Van Horn Elementary	1,425,000.00	X	0.00%	=	\$0	750,000.00	X	0%	=	\$0
Wallace FD	150,000.00	X	0.00%	=	\$0	650,000.00	X	0%	=	\$0
West Milford Elementary	1,245,000.00	X	0.00%	=	\$0	850,000.00	X	0%	=	\$0
West Milford FD	175,000.00	X	0.00%	=	\$0	850,000.00	X	0%	=	\$0
West Milford Senior Center	1,250,000.00	X	0.00%	=	\$0	750,000.00	X	0%	=	\$0
West Virginia Division of Highways	350,000.00	X	0.00%	=	\$0	580,000.00	X	0%	=	\$0
Wilsonburg Elementary	1,500,000.00	X	1.00%	=	\$15,000	650,000.00	X	0%	=	\$0
WV Business College	350,000.00	X	0.00%	=	\$0	125,000.00	X	0%	=	\$0
WV Junior College	575,000.00	X	0.00%	=	\$0	250,000.00	X	0%	=	\$0
					\$133,250					\$0

### Hazard: Wildfires (Harrison County)

Name/Description of Asset	Structure Use and Function Loss									Structure + Contents + Function Loss
	Average Daily Operating Budget (\$)	X	Functional Downtime (# of days)	+	Displacement Cost per Day (\$)	X	Displacement Time (Days)	=	Structure Use & Function Loss (\$)	
Adamston Elementary	\$133,225	X	0	+	\$365	X	0	=	\$0	\$0
Anmoore FD	\$164,250	X	0	+	\$450	X	0	=	\$0	\$0
Big Elm Elementary	\$229,950	X	0	+	\$630	X	0	=	\$0	\$0
Bridgeport Office of Emergency Services (Bridgeport City Bldg.)	\$54,750	X	0	+	\$150	X	0	=	\$0	\$0
Bridgeport FD	\$602,250	X	0	+	\$1,650	X	0	=	\$0	\$0
Bridgeport High School	\$284,700	X	0	+	\$780	X	0	=	\$0	\$0
Bridgeport MS	\$273,750	X	0	+	\$750	X	0	=	\$0	\$0
Bridgeport Senior Center	\$54,750	X	0	+	\$150	X	0	=	\$0	\$0
Clarksburg Campus - Fairmont Stat College	\$69,350	X	0	+	\$190	X	0	=	\$0	\$0
Clarksburg Continuous Care Center	\$657,000	X	0	+	\$1,800	X	0	=	\$0	\$0
Clarksburg FD	\$91,250	X	0	+	\$250	X	0	=	\$0	\$0
Clarksburg Senior Center	\$65,700	X	0	+	\$180	X	0	=	\$0	\$0
Clarksburg Sewer Plant	\$200,750	X	0	+	\$550	X	0	=	\$0	\$0
Clarksburg Water Plant	\$182,500	X	0	+	\$500	X	0	=	\$0	\$0
Demyon's Golden Circle	\$60,225	X	0	+	\$165	X	0	=	\$0	\$0
Emmanuel Christian	\$127,750	X	0	+	\$350	X	0	=	\$0	\$0
Glaspell Lumber Co., Inc	\$76,650	X	0	+	\$210	X	0	=	\$0	\$0
Gore Middle School	\$273,750	X	0	+	\$750	X	0	=	\$0	\$0
Greater Harrison County Sewer Plant	\$173,375	X	0	+	\$475	X	0	=	\$0	\$0
Harden Elementary	\$89,425	X	0	+	\$245	X	0	=	\$0	\$0

Harrison County Bureau of Emergency Services	\$164,250	X	0	+	\$450	X	0	=	\$0	\$0
Harrison-Marion Regional Airport	\$1,533,000	X	0	+	\$4,200	X	0	=	\$0	\$0
Heartland of Clarksburg	\$657,000	X	0	+	\$1,800	X	0	=	\$0	\$0
Heritage Christian Johnson ES	\$345,900	X	0	+	\$620	X	0	=	\$0	\$0
Johnstown FD	\$40,150	X	0	+	\$110	X	0	=	\$0	\$2,500
Liberty High School	\$246,375	X	1	+	\$675	X	0	=	\$246,375	\$359,625
Lincoln High School	\$262,800	X	0	+	\$720	X	0	=	\$0	\$0
Lost Creek Elementary	\$136,875	X	0	+	\$375	X	0	=	\$0	\$0
Lost Creek FD	\$54,750	X	0	+	\$150	X	0	=	\$0	\$0
Lost Creek Senior Center	\$31,025	X	0	+	\$85	X	0	=	\$0	\$0
Lumberport Elementary	\$164,250	X	0	+	\$450	X	0	=	\$0	\$0
Lumberport FD	\$82,125	X	0	+	\$225	X	0	=	\$0	\$0
Lumberport Middle School	\$173,375	X	0	+	\$475	X	0	=	\$0	\$0
Meadow View Manor Health Care Center	\$511,000	X	0	+	\$1,400	X	0	=	\$0	\$0
Medbrook	\$547,500	X	0	+	\$1,500	X	0	=	\$0	\$0
Mt. Clare FD	\$54,750	X	0	+	\$150	X	0	=	\$0	\$2,500
North View Elementary	\$169,725	X	0	+	\$465	X	0	=	\$0	\$0
Notre Dame High School	\$231,775	X	0	+	\$635	X	0	=	\$0	\$0
Nutter Fort Elementary	\$328,500	X	0	+	\$900	X	0	=	\$0	\$0
Nutter Fort FD	\$82,125	X	0	+	\$225	X	0	=	\$0	\$0
Premier Medical Group	\$912,500	X	0	+	\$2,500	X	0	=	\$0	\$0
Pressley Ridge	\$310,250	X	0	+	\$850	X	0	=	\$0	\$0
Residential	\$0	X	0	+	\$0	X	0	=	\$0	\$0
Reynoldsville FD	\$40,150	X	0	+	\$110	X	0	=	\$0	\$0
Rober C. Byrd High School	\$341,275	X	0	+	\$935	X	0	=	\$0	\$0
Salem FD	\$40,150	X	0	+	\$110	X	0	=	\$0	\$0
Salem International University	\$2,007,500	X	0	+	\$5,500	X	0	=	\$0	\$0

Salem Elem. School	\$173,375	X	0	+	\$475	X	0	=	\$0	\$0
Shinnston Clinic	\$657,000	X	0	+	\$1,800	X	0	=	\$0	\$0
Shinnston FD	\$60,225	X	0	+	\$165	X	0	=	\$0	\$0
Shinnston Sewer Plant	\$246,375	X	0	+	\$675	X	0	=	\$0	\$0
South Harrison Middle School	\$213,525	X	0	+	\$585	X	0	=	\$0	\$0
South Harrison High School	\$237,250	X	0	+	\$650	X	0	=	\$0	\$0
Spelter FD	\$40,150	X	0	+	\$110	X	0	=	\$0	\$0
St. Mary's Elementary School	\$175,200	X	0	+	\$480	X	0	=	\$0	\$0
Stonewood FD	\$40,150	X	0	+	\$110	X	0	=	\$0	\$0
Summit Park FD	\$36,500	X	0	+	\$100	X	0	=	\$0	\$0
Sunbridge Care and Reahabilitation	\$803,000	X	0	+	\$2,200	X	0	=	\$0	\$0
The Heritage	\$328,500	X	0	+	\$900	X	0	=	\$0	\$0
United Hospital Center	\$4,380,000	X	0	+	\$12,000	X	0	=	\$0	\$0
United Technical Center	\$155,125	X	0	+	\$425	X	0	=	\$0	\$0
VA Hospital	\$4,106,250	X	0	+	\$11,250	X	0	=	\$0	\$0
Van Horn Elementary	\$169,725	X	0	+	\$465	X	0	=	\$0	\$0
Wallace FD	\$36,500	X	0	+	\$100	X	0	=	\$0	\$0
West Milford Elementary	\$177,025	X	0	+	\$485	X	0	=	\$0	\$0
West Milford FD	\$38,325	X	0	+	\$105	X	0	=	\$0	\$0
West Milford Senior Center	\$169,725	X	0	+	\$465	X	0	=	\$0	\$0
West Virginia Division of Highways	\$79,850	X	0	+	\$360	X	0	=	\$0	\$0
Wilsonburg Elementary	\$146,000	X	1	+	\$400	X	0	=	\$146,000	\$161,000
WV Business College	\$91,250	X	0	+	\$250	X	0	=	\$0	\$0
WV Junior College	\$127,750	X	0	+	\$350	X	0	=	\$0	\$0
									\$392,375	\$525,625

# MARION COUNTY

**Hazard: Dam Failure**

Type of Structure (Occupancy Class)	Number of Structures			Value of Structures			Number of People		
	# in Community or State	# in Hazard Area	% in Hazard Area	\$ in Community or State	\$ in Hazard Area	% in Hazard Area	# in Community or State	# in Hazard Area	% in Hazard Area
<i>Residential</i>	27,081	2,166	8	\$1,033,410,960	\$82,672,877	8	56,706	4,536	8
<i>Commercial</i>	924	46	5	\$289,244,131	\$14,462,207	5	9,486	474	5
<i>Industrial</i>	375	15	4	\$123,335,700	\$4,933,428	4	4,050	162	4
<i>Agricultural</i>	158	11	7	\$89,527,945	\$6,266,956	7	109	8	7
<i>Religious/Non-Profit</i>	130	20	15	\$19,500,000	\$2,925,000	15	209,000	31,350	15
<i>Government</i>	4	0	9	\$123,961,770	\$11,156,559	9	4,068	366	9
<i>Education</i>	23	1	6	\$134,906,408	\$8,094,384	6	2,062	124	6
<i>Utilities</i>	36	1	2	\$80,448,002	\$1,608,960	2	870	17	2
<b>Total</b>	<b>28,731</b>	<b>2,261</b>	<b>8</b>	<b>\$1,894,334,916</b>	<b>\$132,120,371</b>	<b>7</b>	<b>286,351</b>	<b>37,038</b>	<b>13</b>

- |   | Yes | No |
|---|-----|----|
| 1. Do you know where your greatest damages may occur in your hazard areas?  | X   |    |
| 2. Do you know whether your critical facilities will be operational after a hazard event?   | X   |    |
| 3. Is there enough data to determine which assets are subject to the greatest potential damages?  | X   |    |
| 4. Is there enough data to determine whether significant elements of the community are vulnerable to potential hazards?   | X   |    |
| 5. Is there enough data to determine whether certain areas of historic, environmental, political, or cultural significance are vulnerable to potential hazards? | X   |    |
| 6. Is there concern about a particular hazard because of its severity, repetitiveness, or likelihood of occurrence?   | X   |    |
| 7. Is additional data needed to justify the expenditure of community or state funds for mitigation initiatives?   |     | X  |

**Hazard: Drought**

Type of Structure (Occupancy Class)	Number of Structures			Value of Structures			Number of People		
	# in Community or State	# in Hazard Area	% in Hazard Area	\$ in Community or State	\$ in Hazard Area	% in Hazard Area	# in Community or State	# in Hazard Area	% in Hazard Area
<i>Residential</i>	27,081	2,166	8	\$1,033,410,960	\$82,672,877	8	56,706	4,536	8
<i>Commercial</i>	924	46	5	\$289,244,131	\$14,462,207	5	9,486	474	5
<i>Industrial</i>	375	15	4	\$123,335,700	\$4,933,428	4	4,050	162	4
<i>Agricultural</i>	158	11	7	\$89,527,945	\$6,266,956	7	109	8	7
<i>Religious/Non-Profit</i>	130	20	15	\$19,500,000	\$2,925,000	15	209,000	31,350	15
<i>Government</i>	66	6	9	\$123,961,770	\$11,156,559	9	4,068	366	9
<i>Education</i>	23	1	6	\$134,906,408	\$8,094,384	6	2,062	124	6
<i>Utilities</i>	12	0	2	\$80,448,002	\$1,608,960	2	870	17	2
<b>Total</b>	<b>28,769</b>	<b>2,266</b>	<b>8</b>	<b>\$1,894,334,916</b>	<b>\$132,120,371</b>	<b>7</b>	<b>286,351</b>	<b>37,038</b>	<b>13</b>

	Yes	No
1. Do you know where your greatest damages may occur in your hazard areas?	X	
2. Do you know whether your critical facilities will be operational after a hazard event?	X	
3. Is there enough data to determine which assets are subject to the greatest potential damages?	X	
4. Is there enough data to determine whether significant elements of the community are vulnerable to potential hazards?	X	
5. Is there enough data to determine whether certain areas of historic, environmental, political, or cultural significance are vulnerable to potential hazards?	X	
6. Is there concern about a particular hazard because of its severity, repetitiveness, or likelihood of occurrence?	X	
7. Is additional data needed to justify the expenditure of community or state funds for mitigation initiatives?		X

**Hazard: Earthquake**

Type of Structure (Occupancy Class)	Number of Structures			Value of Structures			Number of People		
	# in Community or State	# in Hazard Area	% in Hazard Area	\$ in Community or State	\$ in Hazard Area	% in Hazard Area	# in Community or State	# in Hazard Area	% in Hazard Area
<i>Residential</i>	27,081	0	0	\$1,033,410,960	\$0	0	56,706	0	0
<i>Commercial</i>	924	0	0	\$289,244,131	\$0	0	9,486	0	0
<i>Industrial</i>	375	0	0	\$123,335,700	\$0	0	4,050	0	0
<i>Agricultural</i>	158	0	0	\$89,527,945	\$0	0	109	0	0
<i>Religious/Non-Profit</i>	130	0	0	\$19,500,000	\$0	0	209,000	0	0
<i>Government</i>	4	0	0	\$123,961,770	\$0	0	4,068	0	0
<i>Education</i>	23	0	0	\$134,906,408	\$0	0	2,062	0	0
<i>Utilities</i>	36	0	0	\$80,448,002	\$0	0	870	0	0
<b>Total</b>	<b>28,731</b>	<b>0</b>	<b>0</b>	<b>\$1,894,334,916</b>	<b>\$0</b>	<b>0</b>	<b>286,351</b>	<b>0</b>	<b>0</b>

- |   | <b>Yes</b> | <b>No</b> |
|---|------------|-----------|
| 1. Do you know where your greatest damages may occur in your hazard areas?  | <b>X</b>   |           |
| 2. Do you know whether your critical facilities will be operational after a hazard event?   | <b>X</b>   |           |
| 3. Is there enough data to determine which assets are subject to the greatest potential damages?  | <b>X</b>   |           |
| 4. Is there enough data to determine whether significant elements of the community are vulnerable to potential hazards?   | <b>X</b>   |           |
| 5. Is there enough data to determine whether certain areas of historic, environmental, political, or cultural significance are vulnerable to potential hazards? | <b>X</b>   |           |
| 6. Is there concern about a particular hazard because of its severity, repetitiveness, or likelihood of occurrence?   | <b>X</b>   |           |
| 7. Is additional data needed to justify the expenditure of community or state funds for mitigation initiatives?   |            | <b>X</b>  |

**Hazard: Flooding**

Type of Structure (Occupancy Class)	Number of Structures			Value of Structures			Number of People		
	# in Community or State	# in Hazard Area	% in Hazard Area	\$ in Community or State	\$ in Hazard Area	% in Hazard Area	# in Community or State	# in Hazard Area	% in Hazard Area
<i>Residential</i>	27,081	3,250	12	\$1,033,410,960	\$124,009,315	12	56,706	6,805	12
<i>Commercial</i>	924	157	17	\$289,244,131	\$49,171,502	17	9,486	1,613	17
<i>Industrial</i>	375	38	10	\$123,335,700	\$12,333,570	10	4,050	405	10
<i>Agricultural</i>	158	13	8	\$89,527,945	\$7,162,236	8	109	9	8
<i>Religious/Non-Profit</i>	130	17	13	\$19,500,000	\$2,535,000	13	209,000	27,170	13
<i>Government</i>	66	6	9	\$135,265,447	\$12,173,890	9	4,068	366	9
<i>Education</i>	23	1	4	\$134,906,408	\$5,396,256	4	2,062	82	4
<i>Utilities</i>	36	2	5	\$80,448,002	\$4,022,400	5	870	44	5
<b>Total</b>	<b>28,793</b>	<b>3,483</b>	<b>24</b>	<b>\$1,905,638,593</b>	<b>\$216,804,170</b>	<b>24</b>	<b>286,351</b>	<b>36,493</b>	<b>13</b>

- |   | <b>Yes</b> | <b>No</b> |
|---|------------|-----------|
| 1. Do you know where your greatest damages may occur in your hazard areas?  | <b>X</b>   |           |
| 2. Do you know whether your critical facilities will be operational after a hazard event?   | <b>X</b>   |           |
| 3. Is there enough data to determine which assets are subject to the greatest potential damages?  | <b>X</b>   |           |
| 4. Is there enough data to determine whether significant elements of the community are vulnerable to potential hazards?   | <b>X</b>   |           |
| 5. Is there enough data to determine whether certain areas of historic, environmental, political, or cultural significance are vulnerable to potential hazards? | <b>X</b>   |           |
| 6. Is there concern about a particular hazard because of its severity, repetitiveness, or likelihood of occurrence?   | <b>X</b>   |           |
| 7. Is additional data needed to justify the expenditure of community or state funds for mitigation initiatives?   |            | <b>X</b>  |

**Hazard: Hailstorm**

Type of Structure (Occupancy Class)	Number of Structures			Value of Structures			Number of People		
	# in Community or State	# in Hazard Area	% in Hazard Area	\$ in Community or State	\$ in Hazard Area	% in Hazard Area	# in Community or State	# in Hazard Area	% in Hazard Area
<i>Residential</i>	27,081	1,354	5	\$1,033,410,960	\$51,670,548	5	56,706	2,835	5
<i>Commercial</i>	924	46	5	\$289,244,131	\$14,462,207	5	9,486	474	5
<i>Industrial</i>	375	19	5	\$123,335,700	\$6,166,785	5	4,050	203	5
<i>Agricultural</i>	158	8	5	\$89,527,945	\$4,476,397	5	109	5	5
<i>Religious/Non-Profit</i>	130	7	5	\$19,500,000	\$975,000	5	209,000	10,450	5
<i>Government</i>	66	3	5	\$123,961,770	\$6,198,089	5	4,068	203	5
<i>Education</i>	23	1	5	\$134,906,408	\$6,745,320	5	2,062	103	5
<i>Utilities</i>	36	2	5	\$80,448,002	\$4,022,400	5	870	44	5
<b>Total</b>	<b>28,793</b>	<b>1,440</b>	<b>5</b>	<b>\$1,894,334,916</b>	<b>\$94,716,746</b>	<b>5</b>	<b>286,351</b>	<b>14,318</b>	<b>5</b>

- |   | <b>Yes</b> | <b>No</b> |
|---|------------|-----------|
| 1. Do you know where your greatest damages may occur in your hazard areas?  | <b>X</b>   |           |
| 2. Do you know whether your critical facilities will be operational after a hazard event?   | <b>X</b>   |           |
| 3. Is there enough data to determine which assets are subject to the greatest potential damages?  | <b>X</b>   |           |
| 4. Is there enough data to determine whether significant elements of the community are vulnerable to potential hazards?   | <b>X</b>   |           |
| 5. Is there enough data to determine whether certain areas of historic, environmental, political, or cultural significance are vulnerable to potential hazards? | <b>X</b>   |           |
| 6. Is there concern about a particular hazard because of its severity, repetitiveness, or likelihood of occurrence?   | <b>X</b>   |           |
| 7. Is additional data needed to justify the expenditure of community or state funds for mitigation initiatives?   |            | <b>X</b>  |

### Hazard: Land Subsidence

Type of Structure (Occupancy Class)	Number of Structures			Value of Structures			Number of People		
	# in Community or State	# in Hazard Area	% in Hazard Area	\$ in Community or State	\$ in Hazard Area	% in Hazard Area	# in Community or State	# in Hazard Area	% in Hazard Area
<i>Residential</i>	27,081	13,270	49	\$1,033,410,960	\$503,936,000	49	56,706	27,786	49
<i>Commercial</i>	924	185	20	\$289,244,131	\$57,967,430	20	9,486	1,897	20
<i>Industrial</i>	375	56	15	\$123,335,700	\$18,338,252	15	4,050	608	15
<i>Agricultural</i>	158	14	9	\$89,527,945	\$7,919,047	9	109	10	9
<i>Religious/Non-Profit</i>	130	62	48	\$19,500,000	\$9,450,000	48	209,000	100,320	48
<i>Government</i>	4	1	22	\$123,961,770	\$26,811,633	22	4,068	895	22
<i>Education</i>	23	1	6	\$134,906,408	\$8,564,370	6	2,062	124	6
<i>Utilities</i>	36	21	57	\$80,448,002	\$46,089,332	57	870	496	57
<b>Total</b>	<b>28,731</b>	<b>13,610</b>	<b>47</b>	<b>\$1,894,334,916</b>	<b>\$679,076,064</b>	<b>36</b>	<b>286,351</b>	<b>132,135</b>	<b>46</b>

- |   | Yes | No |
|---|-----|----|
| 1. Do you know where your greatest damages may occur in your hazard areas?  | X   |    |
| 2. Do you know whether your critical facilities will be operational after a hazard event?   | X   |    |
| 3. Is there enough data to determine which assets are subject to the greatest potential damages?  | X   |    |
| 4. Is there enough data to determine whether significant elements of the community are vulnerable to potential hazards?   | X   |    |
| 5. Is there enough data to determine whether certain areas of historic, environmental, political, or cultural significance are vulnerable to potential hazards? | X   |    |
| 6. Is there concern about a particular hazard because of its severity, repetitiveness, or likelihood of occurrence?   | X   |    |
| 7. Is additional data needed to justify the expenditure of community or state funds for mitigation initiatives?   |     | X  |

**Hazard: Thunderstorm/Lightning**

Type of Structure (Occupancy Class)	Number of Structures			Value of Structures			Number of People		
	# in Community or State	# in Hazard Area	% in Hazard Area	\$ in Community or State	\$ in Hazard Area	% in Hazard Area	# in Community or State	# in Hazard Area	% in Hazard Area
<i>Residential</i>	27,081	5,416	20	\$1,033,410,960	\$206,682,192	20	56,706	11,341	20
<i>Commercial</i>	924	166	18	\$289,244,131	\$193,793,568	67	9,486	1,707	18
<i>Industrial</i>	375	83	22	\$123,335,700	\$43,167,495	35	4,050	891	22
<i>Agricultural</i>	158	47	30	\$89,527,945	\$7,162,236	8	109	33	30
<i>Religious/Non-Profit</i>	130	46	35	\$19,500,000	\$9,360,000	48	209,000	73,150	35
<i>Government</i>	4	1	15	\$123,961,770	\$65,699,738	53	4,068	610	15
<i>Education</i>	23	2	10	\$134,906,408	\$53,962,563	40	2,062	206	10
<i>Utilities</i>	36	7	19	\$80,448,002	\$40,224,001	50	870	165	19
<b>Total</b>	<b>28,731</b>	<b>5,768</b>	<b>20</b>	<b>\$1,894,334,916</b>	<b>\$620,051,793</b>	<b>33</b>	<b>286,351</b>	<b>88,104</b>	<b>31</b>

- |   | Yes | No |
|---|-----|----|
| 1. Do you know where your greatest damages may occur in your hazard areas?  | X   |    |
| 2. Do you know whether your critical facilities will be operational after a hazard event?   | X   |    |
| 3. Is there enough data to determine which assets are subject to the greatest potential damages?  | X   |    |
| 4. Is there enough data to determine whether significant elements of the community are vulnerable to potential hazards?   | X   |    |
| 5. Is there enough data to determine whether certain areas of historic, environmental, political, or cultural significance are vulnerable to potential hazards? | X   |    |
| 6. Is there concern about a particular hazard because of its severity, repetitiveness, or likelihood of occurrence?   | X   |    |
| 7. Is additional data needed to justify the expenditure of community or state funds for mitigation initiatives?   |     | X  |

**Hazard: Wildfire**

Type of Structure (Occupancy Class)	Number of Structures			Value of Structures			Number of People		
	# in Community or State	# in Hazard Area	% in Hazard Area	\$ in Community or State	\$ in Hazard Area	% in Hazard Area	# in Community or State	# in Hazard Area	% in Hazard Area
<i>Residential</i>	27,081	4,062	15	\$1,033,410,960	\$702,719,453	68	56,706	8,506	15
<i>Commercial</i>	924	92	10	\$289,244,131	\$95,450,563	33	9,486	949	10
<i>Industrial</i>	375	34	9	\$123,335,700	\$25,900,497	21	4,050	365	9
<i>Agricultural</i>	158	107	68	\$89,527,945	\$82,365,709	92	109	74	68
<i>Religious/Non-Profit</i>	130	52	40	\$19,500,000	\$10,140,000	52	209,000	83,600	40
<i>Government</i>	66	8	12	\$123,961,770	\$58,262,032	47	4,068	488	12
<i>Education</i>	23	6	25	\$134,906,408	\$80,943,845	60	2,062	516	25
<i>Utilities</i>	36	11	31	\$80,448,002	\$6,435,840	8	870	270	31
<b>Total</b>	<b>28,793</b>	<b>4,373</b>	<b>15</b>	<b>\$1,894,334,916</b>	<b>\$1,062,217,939</b>	<b>56</b>	<b>286,351</b>	<b>94,766</b>	<b>33</b>

- |   | <b>Yes</b> | <b>No</b> |
|---|------------|-----------|
| 1. Do you know where your greatest damages may occur in your hazard areas?  | <b>X</b>   |           |
| 2. Do you know whether your critical facilities will be operational after a hazard event?   | <b>X</b>   |           |
| 3. Is there enough data to determine which assets are subject to the greatest potential damages?  | <b>X</b>   |           |
| 4. Is there enough data to determine whether significant elements of the community are vulnerable to potential hazards?   | <b>X</b>   |           |
| 5. Is there enough data to determine whether certain areas of historic, environmental, political, or cultural significance are vulnerable to potential hazards? | <b>X</b>   |           |
| 6. Is there concern about a particular hazard because of its severity, repetitiveness, or likelihood of occurrence?   | <b>X</b>   |           |
| 7. Is additional data needed to justify the expenditure of community or state funds for mitigation initiatives?   |            | <b>X</b>  |

**Hazard: Wind Storm/Tornado**

Type of Structure (Occupancy Class)	Number of Structures			Value of Structures			Number of People		
	# in Community or State	# in Hazard Area	% in Hazard Area	\$ in Community or State	\$ in Hazard Area	% in Hazard Area	# in Community or State	# in Hazard Area	% in Hazard Area
<i>Residential</i>	27,081	18,957	70	\$1,033,410,960	\$723,387,672	70	56,706	39,694	70
<i>Commercial</i>	924	601	65	\$289,244,131	\$188,008,685	65	9,486	6,166	65
<i>Industrial</i>	375	233	62	\$123,335,700	\$76,468,134	62	4,050	2,511	62
<i>Agricultural</i>	158	40	25	\$89,527,945	\$22,381,986	25	109	27	25
<i>Religious/Non-Profit</i>	130	48	37	\$19,500,000	\$7,215,000	37	209,000	77,330	37
<i>Government</i>	4	2	53	\$123,961,770	\$65,699,738	53	4,068	2,156	53
<i>Education</i>	23	9	40	\$134,906,408	\$53,962,563	40	2,062	825	40
<i>Utilities</i>	36	18	50	\$80,448,002	\$40,224,001	50	870	435	50
<b>Total</b>	<b>28,731</b>	<b>19,907</b>	<b>69</b>	<b>\$1,894,334,916</b>	<b>\$1,177,347,780</b>	<b>62</b>	<b>286,351</b>	<b>129,144</b>	<b>45</b>

- |   | Yes | No |
|---|-----|----|
| 1. Do you know where your greatest damages may occur in your hazard areas?  | X   |    |
| 2. Do you know whether your critical facilities will be operational after a hazard event?   | X   |    |
| 3. Is there enough data to determine which assets are subject to the greatest potential damages?  | X   |    |
| 4. Is there enough data to determine whether significant elements of the community are vulnerable to potential hazards?   | X   |    |
| 5. Is there enough data to determine whether certain areas of historic, environmental, political, or cultural significance are vulnerable to potential hazards? | X   |    |
| 6. Is there concern about a particular hazard because of its severity, repetitiveness, or likelihood of occurrence?   | X   |    |
| 7. Is additional data needed to justify the expenditure of community or state funds for mitigation initiatives?   |     | X  |

**Hazard: Winter Storm**

Type of Structure (Occupancy Class)	Number of Structures			Value of Structures			Number of People		
	# in Community or State	# in Hazard Area	% in Hazard Area	\$ in Community or State	\$ in Hazard Area	% in Hazard Area	# in Community or State	# in Hazard Area	% in Hazard Area
<i>Residential</i>	26,660	20,528	77	\$1,033,410,960	\$795,726,439	77	56,706	43,664	77
<i>Commercial</i>	999	420	42	\$289,244,131	\$121,482,535	42	9,486	3,984	42
<i>Industrial</i>	241	106	44	\$123,335,700	\$54,267,708	44	4,050	1,782	44
<i>Agricultural</i>	23	3	15	\$89,527,945	\$13,429,192	15	109	16	15
<i>Religious/Non-Profit</i>	200	24	12	\$19,500,000	\$2,340,000	12	209,000	25,080	12
<i>Government</i>	66	36	55	\$135,265,447	\$74,395,996	55	4,068	2,237	55
<i>Education</i>	21	17	80	\$134,906,408	\$107,925,126	80	2,062	1,650	80
<i>Utilities</i>	36	10	28	\$80,448,002	\$22,525,441	28	870	244	28
<b>Total</b>	<b>28,221</b>	<b>12417</b>	<b>44</b>	<b>\$1,905,638,593</b>	<b>\$1,192,092,437</b>	<b>44</b>	<b>286,351</b>	<b>78,657</b>	<b>44</b>

- |   | Yes | No |
|---|-----|----|
| 1. Do you know where your greatest damages may occur in your hazard areas?  | X   |    |
| 2. Do you know whether your critical facilities will be operational after a hazard event?   | X   |    |
| 3. Is there enough data to determine which assets are subject to the greatest potential damages?  | X   |    |
| 4. Is there enough data to determine whether significant elements of the community are vulnerable to potential hazards?   | X   |    |
| 5. Is there enough data to determine whether certain areas of historic, environmental, political, or cultural significance are vulnerable to potential hazards? | X   |    |
| 6. Is there concern about a particular hazard because of its severity, repetitiveness, or likelihood of occurrence?   | X   |    |
| 7. Is additional data needed to justify the expenditure of community or state funds for mitigation initiatives?   |     | X  |

**Hazard: Winter Storm**

Name/Description of Asset	Structure Loss					Contents Loss				
	Structure Replacement Value (\$)	X	Percent Damage (%)	=	Loss to Structure (\$)	Replacement Value of Contents (\$)	X	Percent Damage (%)	=	Loss to Contents (\$)
Allegheny Energy Service Corp.		X	2.00%	=	\$0		X	0%	=	\$0
American Fiber Resources	\$5,000,000	X	2.00%	=	\$100,000	\$145,000,000	X	0%	=	\$0
American Fiber Resources, LLC	\$20,000,000	X	2.00%	=	\$400,000	\$320,000,000	X	0%	=	\$0
ANSER	\$120,000	X	2.00%	=	\$2,400	\$1,000,000	X	0%	=	\$0
Apostolic Christian Temple School	\$55,000	X	2.00%	=	\$1,100	\$80,000	X	0%	=	\$0
Barnes ES	\$3,836,196	X	2.00%	=	\$76,724	\$3,836,196	X	0%	=	\$0
Barrackville Elementary/ Middle School	\$3,991,533	X	2.00%	=	\$79,831	\$3,991,533	X	0%	=	\$0
Barrackville Covered Bridge	\$150,000	X	2.00%	=	\$3,000	\$150,000	X	0%	=	\$0
Barrackville VFD	\$200,000	X	2.00%	=	\$4,000	\$1,000,000	X	0%	=	\$0
Baxter VFD	\$150,000	X	2.00%	=	\$3,000	\$1,000,000	X	0%	=	\$0
Bituminous Power Partners	\$1,000,000	X	2.00%	=	\$20,000	\$1,000,000	X	0%	=	\$0
Blackshere ES	\$4,040,400	X	2.00%	=	\$80,808	\$4,040,400	X	0%	=	\$0
Boothsville VFD	\$150,000	X	2.00%	=	\$3,000	\$1,000,000	X	0%	=	\$0
Boylen Timber Co	\$75,000	X	2.00%	=	\$1,500	\$160,000	X	0%	=	\$0
Bridges			2.00%							
Bunners Ridge VFD	\$150,000	X	2.00%	=	\$3,000	\$1,000,000	X	0%	=	\$0
CAM Concepts, Inc.	\$200,000	X	2.00%	=	\$4,000	\$500,000	X	0%	=	\$0
Central Communications	\$140,760	X	2.00%	=	\$2,815	\$140,760	X	0%	=	
Charles E. Haislip M.D., Inc.	\$1,500,000	X	2.00%	=	\$30,000	\$200,000	X	0%	=	\$0
Chem-Ray	\$207,000	X	2.00%	=	\$4,140	\$800,000	X	0%	=	\$0
CNC Industries, Inc.	\$607,200	X	2.00%	=	\$12,144	\$1,000,000	X	0%	=	\$0

Colonial Apartments		X	2.00%	=	\$0		X	0%	=	\$0
Concord Press	\$60,000	X	2.00%	=	\$1,200	\$500,000	X	0%	=	\$0
Consol Energy		X	2.00%	=	\$0		X	0%	=	\$0
County Jail	\$2,083,200	X	2.00%	=	\$41,664	\$2,083,200	X	0%	=	\$0
Dominion Hope		X	2.00%	=	\$0		X	0%	=	\$0
Dunbar MS	\$3,711,162	X	2.00%	=	\$74,223	\$3,711,162	X	0%	=	\$0
East Dale ES	\$3,120,936	X	2.00%	=	\$62,419	\$3,120,936	X	0%	=	\$0
East Fairmont HS	\$7,176,624	X	2.00%	=	\$143,532	\$7,176,624	X	0%	=	\$0
East Fairmont Jr. HS	\$16,835,000	X	2.00%	=	\$336,700	\$16,835,000	X	0%	=	\$0
East Marion Park Facilities	\$1,427,712.00	X	2.00%	=	\$28,554	\$1,427,712	X	0%	=	\$0
East Park ES	\$4,538,079	X	2.00%	=	\$90,762	\$4,538,079	X	0%	=	\$0
Eastern Associated Coal Corp.		X	2.00%	=	\$0		X	0%	=	\$0
Edwin Morris	\$400,000	X	2.00%	=	\$8,000	\$150,000	X	0%	=	\$0
Equitable Gas Co. (Curtisville)	\$1,000,000	X	2.00%	=	\$20,000	\$2,500,000	X	0%	=	\$0
Fairmont Catholic Elementary	\$2,490,000	X	2.00%	=	\$49,800	\$510,000	X	0%	=	\$0
Fairmont City Hall	\$1,000,000	X	2.00%	=	\$20,000	\$500,000	X	0%	=	\$0
Fairmont Downtown Historic District		X	2.00%	=	\$0		X	0%	=	\$0
Fairmont Fire Dept.	\$5,500,000	X	2.00%	=	\$110,000	\$1,900,000	X	0%	=	\$0
Fairmont General Hospital	\$100,000,000	X	2.00%	=	\$2,000,000	\$200,000,000	X	0%	=	\$0
Fairmont Lumber & Construction	\$134,000	X	2.00%	=	\$2,680	\$25,000	X	0%	=	\$0
Fairmont Municipal Airport		X	2.00%	=	\$0		X	0%	=	\$0
Fairmont Normal School Administration Building	\$7,945,000	X	2.00%	=	\$158,900	\$632,000	X	0%	=	\$0
Fairmont Printing	\$70,000	X	2.00%	=	\$1,400	\$3,000,000	X	0%	=	\$0
Fairmont Rubber Products	\$8,280,000	X	2.00%	=	\$165,600	\$2,000,000	X	0%	=	\$0
Fairmont Shop & Save		X	2.00%	=	\$0		X	0%	=	\$0

Fairmont Specialty Services	\$16,896,000	X	2.00%	=	\$337,920	\$14,500,000	X	0%	=	\$0
Fairmont Sr. HS	\$8,689,954	X	2.00%	=	\$173,799	\$8,689,954	X	0%	=	\$0
Fairmont State College	\$71,100,408	X	2.00%	=	\$1,422,008	\$30,471,603	X	0%	=	\$0
Fairmont Tool, Inc.	\$345,000	X	2.00%	=	\$6,900	\$10,000,000	X	0%	=	\$0
Fairview ES	\$2,006,550	X	2.00%	=	\$40,131	\$2,006,550	X	0%	=	\$0
Fairview MS	\$4,389,749	X	2.00%	=	\$87,795	\$4,389,749	X	0%	=	\$0
Fairview Public Library	\$400,000	X	2.00%	=	\$8,000	\$1,000,000	X	0%	=	\$0
Fairview VFD	\$500,000	X	2.00%	=	\$10,000	\$570,000	X	0%	=	\$0
Farmington VFD	\$200,000	X	2.00%	=	\$4,000	\$500,000	X	0%	=	\$0
Fibernet	\$90,000	X	2.00%	=	\$1,800	\$25,000	X	0%	=	\$0
Gate Multimedia	\$125,000	X	2.00%	=	\$2,500	\$50,000	X	0%	=	\$0
Gompu-Press	\$80,000	X	2.00%	=	\$1,600	\$20,000	X	0%	=	\$0
Grant Town VFD	\$200,000	X	2.00%	=	\$4,000	\$500,000	X	0%	=	\$0
Hamilton Round Barn	\$250,000	X	2.00%	=	\$5,000	\$15,000	X	0%	=	\$0
Harry's Laminated Products	\$279,450	X	2.00%	=	\$5,589	\$35,000	X	0%	=	\$0
Hendershot Plumbing & Heating	\$150,000	X	2.00%	=	\$3,000	\$12,000	X	0%	=	\$0
Higgins & Sons, Inc.	\$30,000.00	X	2.00%	=	\$600	\$15,000	X	0%	=	\$0
High Level Bridge	\$13,000,000	X	2.00%	=	\$260,000	\$13,000,000	X	0%	=	\$0
IQI, Inc. (Interserv)		X	2.00%	=	\$0		X	0%	=	\$0
J & C Enterprises	\$1,408,000	X	2.00%	=	\$28,160	\$175,000	X	0%	=	\$0
J. Harper Building	\$3,843,168	X	2.00%	=	\$76,863	\$3,843,168	X	0%	=	\$0
Jacob Prickett, Jr. Log House		X	2.00%	=	\$0		X	0%	=	\$0
Jacobs Building	\$2,719,500	X	2.00%	=	\$54,390	\$2,719,500	X	0%	=	\$0
Jacobs-Hutchinson Block		X	2.00%	=	\$0		X	0%	=	\$0
Jayenne ES	\$1,924,013	X	2.00%	=	\$38,480	\$1,924,013	X	0%	=	\$0
Kennedy Plumbing & Heating	\$217,500	X	2.00%	=	\$4,350	\$125,000	X	0%	=	\$0
Kisner, Sm & Sons	\$1,559,400	X	2.00%	=	\$31,188	\$100,000	X	0%	=	\$0
Kvaerner Pulping, Inc.		X	2.00%	=	\$0		X	0%	=	\$0
Manchin Clinic	\$2,200,000	X	2.00%	=	\$44,000	\$350,000	X	0%	=	\$0
Mannington Historic District		X	2.00%	=	\$0		X	0%	=	\$0

Mannington Library	\$75,000	X	2.00%	=	\$1,500	\$1,000,000	X	0%	=	\$0
Mannington MS	\$9,758,203	X	2.00%	=	\$195,164	\$9,758,203	X	0%	=	\$0
Mannington VFD	\$200,000	X	2.00%	=	\$4,000	\$450,000	X	0%	=	\$0
Marion Co. BOE		X	2.00%	=	\$0		X	0%	=	\$0
Marion Co. Technical Center	\$18,011,175	X	2.00%	=	\$360,224	\$18,011,175	X	0%	=	\$0
Marion County Courthouse	\$10,000,000	X	2.00%	=	\$200,000	\$1,500,000	X	0%	=	\$0
Marion County Library	\$1,452,000	X	2.00%	=	\$29,040	\$1,452,000	X	0%	=	\$0
Mary Lou Reton Park Facilities	\$413,600	X	2.00%	=	\$8,272	\$413,600	X	0%	=	\$0
Miller Jr. HS	\$5,925,465	X	2.00%	=	\$118,509	\$5,925,465	X	0%	=	\$0
Mining Dynamics, Inc.	\$110,000	X	2.00%	=	\$2,200	\$75,000	X	0%	=	\$0
Monongah ES	\$2,733,185	X	2.00%	=	\$54,664	\$2,733,185	X	0%	=	\$0
Monongah MS	\$3,557,372	X	2.00%	=	\$71,147	\$3,557,372	X	0%	=	\$0
Monongah VFD	\$600,000	X	2.00%	=	\$12,000	\$750,000	X	0%	=	\$0
Mont Levine, Inc.	\$400,000	X	2.00%	=	\$8,000	\$200,000	X	0%	=	\$0
North Marion HS	\$21,862,750	X	2.00%	=	\$437,255	\$21,862,750	X	0%	=	\$0
Pleasant Valley ES	\$2,505,048	X	2.00%	=	\$50,101	\$2,505,048	X	0%	=	\$0
Presort Plus, Inc.	\$80,000	X	2.00%	=	\$1,600	\$700,000	X	0%	=	\$0
Prickett Bay Boat Launching	\$75,000	X	2.00%	=	\$1,500	\$75,000	X	0%	=	\$0
Railroads	\$25,156,903	X	2.00%	=	\$503,138	\$25,156,903	X	0%	=	\$0
Reiss Viking	\$3,000,000	X	2.00%	=	\$60,000	\$8,000,000	X	0%	=	\$0
Residences	#####	X	2.00%	=	\$20,668,219			0%		
Rivesville Elementary/ Middle School	\$3,610,334	X	2.00%	=	\$72,207	\$3,610,334	X	0%	=	\$0
Rivesville VFD	\$150,000	X	2.00%	=	\$3,000	\$1,000,000	X	0%	=	\$0
Roads	\$29,744,100	X	2.00%	=	\$594,882		X	0%	=	\$0
Ruskin Co.		X	2.00%	=	\$0		X	0%	=	\$0
Ruth Ann Musick Library	\$5,633,193	X	2.00%	=	\$112,664	\$2,414,255	X	0%	=	\$0
Schultz Machine Co., Inc.	\$800,000	X	2.00%	=	\$16,000	\$1,250,000	X	0%	=	\$0
Shaw House		X	2.00%	=	\$0		X	0%	=	\$0
Sheriff's Residence	\$65,000	X	2.00%	=	\$1,300	\$20,000	X	0%	=	\$0

Sign & More in 24	\$255,200	X	2.00%	=	\$5,104	\$200,000	X	0%	=	\$0
Steppingstone	\$792,000	X	2.00%	=	\$15,840	\$792,000	X	0%	=	\$0
Stickley, CW, Inc.		X	2.00%	=	\$0		X	0%	=	\$0
Temp Corp., Inc.	\$320,000	X	2.00%	=	\$6,400	\$500,000	X	0%	=	\$0
TMC Technologies, he.	\$531,300	X	2.00%	=	\$10,626	\$300,000	X	0%	=	\$0
Valley National Gasses Inc.		X	2.00%	=	\$0		X	0%	=	\$0
Valley VFD	\$200,000	X	2.00%	=	\$4,000	\$500,000	X	0%	=	\$0
Wastewater Treatment Plant	\$10,000,000	X	2.00%	=	\$200,000	\$10,000,000	X	0%	=	\$0
Water Treatment Plant	\$10,000,000	X	2.00%	=	\$200,000	\$10,000,000	X	0%	=	\$0
Wat-Mart	\$6,231,000	X	2.00%	=	\$124,620	\$5,000,000	X	0%	=	\$0
Watson ES	\$3,127,579	X	2.00%	=	\$62,552	\$3,127,579	X	0%	=	\$0
White Hall ES	\$2,060,149	X	2.00%	=	\$41,203	\$2,060,149	X	0%	=	\$0
Wilcox Rubber Stamps	\$70,000	X	2.00%	=	\$1,400	\$30,000	X	0%	=	\$0
Winfield Dist. VFD	\$500,000	X	2.00%	=	\$10,000	\$570,000	X	0%	=	\$0
Winner's Choice	\$660,000	X	2.00%	=	\$13,200	\$750,000	X	0%	=	\$0
Wishing Well Health Center		X	2.00%	=	\$0		X	0%	=	\$0
Worthington VFD	\$300,000	X	2.00%	=	\$6,000	\$1,000,000	X	0%	=	\$0
Worthington Park	\$8,800	X	2.00%	=	\$176	\$8,800	X	0%	=	\$0
					\$31,086,676					\$0

**Hazard: Winter Storm**

Name/Description of Asset	Structure Use and Function Loss									Structure + Contents + Function Loss
	Average Daily Operating Budget (\$)	X	Functional Downtime (# of days)	+	Displacement Cost per Day (\$)	X	Displacement Time (Days)	=	Structure Use & Function Loss (\$)	
Allegheny Energy Service Corp.	\$0	X	0	+		X	0	=	\$0	\$0
American Fiber Resources	\$137,000	X	0	+	\$137,000	X	0	=	\$0	\$100,000
American Fiber Resources, LLC	\$100,000.00	X	0	+	\$100,000.00	X	0	=	\$0	\$400,000
ANSER	\$189,000	X	0	+	\$189,000	X	0	=	\$0	\$2,400
Apostolic Christian Temple School	\$400	X	2	+	\$400	X	0	=	\$800	\$1,900
Barnes ES	\$2,000	X	2	+	\$2,000	X	0	=	\$4,000	\$80,724
Barrackville Elementary/ Middle School	\$5,600	X	2	+	\$5,600	X	0	=	\$11,200	\$91,031
Barrackville Covered Bridge	\$0	X	0	+	\$0	X	0	=	\$0	\$3,000
Barrackville VFD	\$300	X	0	+	\$300	X	0	=	\$0	\$4,000
Baxter VFD	\$300	X	0	+	\$300	X	0	=	\$0	\$3,000
Bituminous Power Partners	\$79,500	X	0	+	\$79,500	X	0	=	\$0	\$20,000
Blackshere ES	\$7,000	X	2	+	\$7,000	X	0	=	\$14,000	\$94,808
Boothsville VFD	\$300	X	0	+	\$300	X	0	=	\$0	\$3,000
Boylen Timber Co	\$3,500.00	X	0	+	\$3,500.00	X	0	=	\$0	\$1,500
Bridges			0							\$0
Bunners Ridge VFD	\$300	X	0	+	\$300	X	0	=	\$0	\$3,000
CAM Concepts, Inc.	\$1,000	X	0	+	\$1,000	X	0	=	\$0	\$4,000
Central Communications		X	0	+		X	0	=	\$0	\$2,815
Charles E. Haislip M.D., Inc.	\$2,100	X	0	+	\$2,100	X	0	=	\$0	\$30,000
Chem-Ray	\$10,000.00	X	0	+	\$10,000.00	X	0	=	\$0	\$4,140
CNC Industries, Inc.	\$5,000.00	X	0	+	\$5,000.00	X	0	=	\$0	\$12,144

Colonial Apartments		X	0	+		X	0	=	\$0	\$0
Concord Press	\$2,000	X	0	+	\$2,000	X	0	=	\$0	\$1,200
Consol Energy		X	0	+		X	0	=	\$0	\$0
County Jail		X	0	+		X	0	=	\$0	\$41,664
Dominion Hope		X	0	+		X	0	=	\$0	\$0
Dunbar MS	\$5,200	X	2	+	\$5,200	X	0	=	\$10,400	\$84,623
East Dale ES	\$8,500	X	2	+	\$8,500	X	0	=	\$17,000	\$79,419
East Fairmont HS	\$12,900	X	2	+	\$12,900	X	0	=	\$25,800	\$169,332
East Fairmont Jr. HS	\$5,900	X	2	+	\$5,900	X	0	=	\$11,800	\$348,500
East Marion Park Facilities		X	0	+		X	0	=	\$0	\$28,554
East Park ES	\$6,700	X	2	+	\$6,700	X	0	=	\$13,400	\$104,162
Eastern Associated Coal Corp.		X	0	+		X	0	=	\$0	\$0
Edwin Morris	\$1,800	X	0	+	\$1,800	X	0	=	\$0	\$8,000
Equitable Gas Co. (Curtisville)	\$0	X	0	+	\$0	X	0	=	\$0	\$20,000
Fairmont Catholic Elementary	\$0	X	2	+	\$0	X	0	=	\$0	\$49,800
Fairmont City Hall	\$21,900	X	0	+	\$21,900	X	0	=	\$0	\$20,000
Fairmont Downtown Historic District		X	0	+		X	0	=	\$0	\$0
Fairmont Fire Dept.	\$6,800	X	0	+	\$6,800	X	0	=	\$0	\$110,000
Fairmont General Hospital	\$214,400	X	0	+	\$214,400	X	0	=	\$0	\$2,000,000
Fairmont Lumber & Construction	\$1,000	X	0	+	\$1,000	X	0	=	\$0	\$2,680
Fairmont Municipal Airport	\$0	X	0	+	\$0	X	0	=	\$0	\$0
Fairmont Normal School Administration Building	\$54,800	X	0	+	\$54,800	X	0	=	\$0	\$158,900
Fairmont Printing	\$5,000	X	0	+	\$5,000	X	0	=	\$0	\$1,400
Fairmont Rubber Products	\$30,000	X	0	+	\$30,000	X	0	=	\$0	\$165,600
Fairmont Shop & Save		X	0	+		X	0	=	\$0	\$0

Fairmont Specialty Services	\$50,000.00	X	0	+	\$50,000.00	X	0	=	\$0	\$337,920
Fairmont Sr. HS	\$12,900	X	2	+	\$12,900	X	0	=	\$25,800	\$199,599
Fairmont State College	\$55,900	X	0	+	\$55,900	X	0	=	\$0	\$1,422,008
Fairmont Tool, Inc.	\$10,000	X	0	+	\$10,000	X	0	=	\$0	\$6,900
Fairview ES	\$2,800	X	2	+	\$2,800	X	0	=	\$5,600	\$45,731
Fairview MS	\$2,700	X	2	+	\$2,700	X	0	=	\$5,400	\$93,195
Fairview Public Library	\$1,100	X	0	+	\$1,100	X	0	=	\$0	\$8,000
Fairview VFD	\$700	X	0	+	\$700	X	0	=	\$0	\$10,000
Farmington VFD	\$300	X	0	+	\$300	X	0	=	\$0	\$4,000
Fibernet	\$800	X	0	+	\$800	X	0	=	\$0	\$1,800
Gate Multimedia	\$0	X	0	+	\$0	X	0	=	\$0	\$2,500
Gompu-Press	\$300	X	0	+	\$300	X	0	=	\$0	\$1,600
Grant Town VFD	\$300	X	0	+	\$300	X	0	=	\$0	\$4,000
Hamilton Round Barn	\$0	X	0	+	\$0	X	0	=	\$0	\$5,000
Harry's Laminated Products	\$600	X	0	+	\$600	X	0	=	\$0	\$5,589
Hendershot Plumbing & Heating	\$2,100	X	0	+	\$2,100	X	0	=	\$0	\$3,000
Higgins & Sons, Inc.	\$2,000	X	0	+	\$2,000	X	0	=	\$0	\$600
High Level Bridge	\$0	X	0	+	\$0	X	0	=	\$0	\$260,000
IQI, Inc. (Interserv)		X	0	+		X	0	=	\$0	\$0
J & C Enterprises	\$5,000.00	X	0	+	\$5,000.00	X	0	=	\$0	\$28,160
J. Harper Building		X	0	+		X	0	=	\$0	\$76,863
Jacob Prickett, Jr. Log House	\$0	X	0	+	\$0	X	0	=	\$0	\$0
Jacobs Building		X	0	+		X	0	=	\$0	\$54,390
Jacobs-Hutchinson Block	\$0	X	0	+	\$0	X	0	=	\$0	\$0
Jayenne ES	\$2,900	X	2	+	\$2,900	X	0	=	\$5,800	\$44,280
Kennedy Plumbing & Heating	\$1,600	X	0	+	\$1,600	X	0	=	\$0	\$4,350
Kisner, Sm & Sons	\$3,000	X	0	+	\$3,000	X	0	=	\$0	\$31,188
Kvaerner Pulping, Inc.		X	0	+		X	0	=	\$0	\$0
Manchin Clinic	\$9,900	X	0	+	\$9,900	X	0	=	\$0	\$44,000
Mannington Historic District		X	0	+		X	0	=	\$0	\$0

Mannington Library	\$1,100	X	0	+	\$1,100	X	0	=	\$0	\$1,500
Mannington MS	\$5,800	X	2	+	\$5,800	X	0	=	\$11,600	\$206,764
Mannington VFD	\$300	X	0	+	\$300	X	0	=	\$0	\$4,000
Marion Co. BOE		X	2	+		X	0	=	\$0	\$0
Marion Co. Technical Center	\$500	X	2	+	\$500	X	0	=	\$1,000	\$361,224
Marion County Courthouse	\$68,500	X	0	+	\$68,500	X	0	=	\$0	\$200,000
Marion County Library	\$1,096	X	0	+	\$1,096	X	0	=	\$0	\$29,040
Mary Lou Reton Park Facilities		X	0	+		X	0	=	\$0	\$8,272
Miller Jr. HS	\$5,400	X	2	+	\$5,400	X	0	=	\$10,800	\$129,309
Mining Dynamics, Inc.	\$500.00	X	0	+	\$500.00	X	0	=	\$0	\$2,200
Monongah ES	\$5,000	X	2	+	\$5,000	X	0	=	\$10,000	\$64,664
Monongah MS	\$4,200	X	2	+	\$4,200	X	0	=	\$8,400	\$79,547
Monongah VFD	\$700	X	0	+	\$700	X	0	=	\$0	\$12,000
Mont Levine, Inc.	\$10,000	X	0	+	\$10,000	X	0	=	\$0	\$8,000
North Marion HS	\$13,500	X	2	+	\$13,500	X	0	=	\$27,000	\$464,255
Pleasant Valley ES	\$4,100	X	2	+	\$4,100	X	0	=	\$8,200	\$58,301
Presort Plus, Inc.	\$8,000.00	X	0	+	\$8,000.00	X	0	=	\$0	\$1,600
Prickett Bay Boat Launching	\$0	X	0	+	\$0	X	0	=	\$0	\$1,500
Railroads	\$0	X	0	+	\$0	X	0	=	\$0	\$503,138
Reiss Viking	\$15,000	X	0	+	\$15,000	X	0	=	\$0	\$60,000
Residences			0				0			\$20,668,219
Rivesville Elementary/ Middle School	\$4,300	X	2	+	\$4,300	X	0	=	\$8,600	\$80,807
Rivesville VFD	\$300	X	0	+	\$300	X	0	=	\$0	\$3,000
Roads	\$0	X	0	+	\$0	X	0	=	\$0	\$594,882
Ruskin Co.		X	0	+		X	0	=	\$0	\$0
Ruth Ann Musick Library	\$0	X	0	+	\$0	X	0	=	\$0	\$112,664
Schultz Machine Co., Inc.	\$15,000	X	0	+	\$15,000	X	0	=	\$0	\$16,000
Shaw House	\$0	X	0	+	\$0	X	0	=	\$0	\$0
Sheriff's Residence	\$200	X	0	+	\$200	X	0	=	\$0	\$1,300

Sign & More in 24	\$200.00	X	0	+	\$200.00	X	0	=	\$0	\$5,104
Steppingstone		X	0	+		X	0	=	\$0	\$15,840
Stickley, CW, Inc.		X	0	+		X	0	=	\$0	\$0
Temp Corp., Inc.	\$1,600	X	0	+	\$1,600	X	0	=	\$0	\$6,400
TMC Technologies, he.	\$0	X	0	+	\$0	X	0	=	\$0	\$10,626
Valley National Gasses Inc.		X	0	+		X	0	=	\$0	\$0
Valley VFD	\$300	X	0	+	\$300	X	0	=	\$0	\$4,000
Wastewater Treatment Plant	\$100,000	X	0	+	\$100,000	X	0	=	\$0	\$200,000
Water Treatment Plant	\$200,000	X	0	+	\$200,000	X	0	=	\$0	\$200,000
Wat-Mart	\$126,000	X	0	+	\$126,000	X	0	=	\$0	\$124,620
Watson ES	\$5,300	X	2	+	\$5,300	X	0	=	\$10,600	\$73,152
White Hall ES	\$2,700	X	2	+	\$2,700	X	0	=	\$5,400	\$46,603
Wilcox Rubber Stamps	\$100	X	0	+	\$100	X	0	=	\$0	\$1,400
Winfield Dist. VFD	\$700	X	0	+	\$700	X	0	=	\$0	\$10,000
Winner's Choice	\$5,000	X	0	+	\$5,000	X	0	=	\$0	\$13,200
Wishing Well Health Center		X	0	+		X	0	=	\$0	\$0
Worthington VFD	\$400	X	0	+	\$400	X	0	=	\$0	\$6,000
Worthington Park		X	0	+		X	0	=	\$0	\$176
									\$118,400	\$31,339,276

**Hazard: Wind Storm / Tornado**

Name/Description of Asset	Structure Loss					Contents Loss				
	Structure Replacement Value (\$)	X	Percent Damage (%)	=	Loss to Structure (\$)	Replacement Value of Contents (\$)	X	Percent Damage (%)	=	Loss to Contents (\$)
Allegheny Energy Service Corp.		X	5.00%	=	\$0		X	0%	=	\$0
American Fiber Resources	\$5,000,000	X	5.00%	=	\$250,000	\$145,000,000	X	1%	=	\$1,450,000
American Fiber Resources, LLC	\$20,000,000	X	5.00%	=	\$1,000,000	\$320,000,000	X	1%	=	\$3,200,000
ANSER	\$120,000	X	5.00%	=	\$6,000	\$1,000,000	X	1%	=	\$10,000
Apostolic Christian Temple School	\$55,000	X	5.00%	=	\$2,750	\$80,000	X	1%	=	\$800
Barnes ES	\$3,836,196	X	5.00%	=	\$191,810	\$3,836,196	X	1%	=	\$38,362
Barrackville Elementary/ Middle School	\$3,991,533	X	5.00%	=	\$199,577	\$3,991,533	X	1%	=	\$39,915
Barrackville Covered Bridge	\$150,000	X	2.00%	=	\$3,000	\$150,000	X	0%	=	\$0
Barrackville VFD	\$200,000	X	5.00%	=	\$10,000	\$1,000,000	X	1%	=	\$10,000
Baxter VFD	\$150,000	X	5.00%	=	\$7,500	\$1,000,000	X	1%	=	\$10,000
Bituminous Power Partners	\$1,000,000	X	5.00%	=	\$50,000	\$1,000,000	X	1%	=	\$10,000
Blackshere ES	\$4,040,400	X	5.00%	=	\$202,020	\$4,040,400	X	1%	=	\$40,404
Boothsville VFD	\$150,000	X	5.00%	=	\$7,500	\$1,000,000	X	1%	=	\$10,000
Boylen Timber Co	\$75,000	X	5.00%	=	\$3,750	\$160,000	X	1%	=	\$1,600
Bridges			2.00%					0%		
Bunners Ridge VFD	\$150,000	X	5.00%	=	\$7,500	\$1,000,000	X	1%	=	\$10,000
CAM Concepts, Inc.	\$200,000	X	5.00%	=	\$10,000	\$500,000	X	1%	=	\$5,000
Central Communications	\$140,760	X	5.00%	=	\$7,038	\$140,760	X	1%	=	
Charles E. Haislip M.D., Inc.	\$1,500,000	X	5.00%	=	\$75,000	\$200,000	X	1%	=	\$2,000
Chem-Ray	\$207,000	X	5.00%	=	\$10,350	\$800,000	X	1%	=	\$8,000
CNC Industries, Inc.	\$607,200	X	5.00%	=	\$30,360	\$1,000,000	X	1%	=	\$10,000

Colonial Apartments		X	5.00%	=	\$0		X	1%	=	\$0
Concord Press	\$60,000	X	5.00%	=	\$3,000	\$500,000	X	1%	=	\$5,000
Consol Energy		X	5.00%	=	\$0		X	1%	=	\$0
County Jail	\$2,083,200	X	5.00%	=	\$104,160	\$2,083,200	X	1%	=	\$20,832
Dominion Hope		X	5.00%	=	\$0		X	1%	=	\$0
Dunbar MS	\$3,711,162	X	5.00%	=	\$185,558	\$3,711,162	X	1%	=	\$37,112
East Dale ES	\$3,120,936	X	5.00%	=	\$156,047	\$3,120,936	X	1%	=	\$31,209
East Fairmont HS	\$7,176,624	X	5.00%	=	\$358,831	\$7,176,624	X	1%	=	\$71,766
East Fairmont Jr. HS	\$16,835,000	X	5.00%	=	\$841,750	\$16,835,000	X	1%	=	\$168,350
East Marion Park Facilities	\$1,427,712.00	X	5.00%	=	\$71,386	\$1,427,712	X	0%	=	\$0
East Park ES	\$4,538,079	X	5.00%	=	\$226,904	\$4,538,079	X	1%	=	\$45,381
Eastern Associated Coal Corp.		X	5.00%	=	\$0		X	1%	=	\$0
Edwin Morris	\$400,000	X	5.00%	=	\$20,000	\$150,000	X	1%	=	\$1,500
Equitable Gas Co. (Curtisville)	\$1,000,000	X	5.00%	=	\$50,000	\$2,500,000	X	1%	=	\$25,000
Fairmont Catholic Elementary	\$2,490,000	X	5.00%	=	\$124,500	\$510,000	X	1%	=	\$5,100
Fairmont City Hall	\$1,000,000	X	5.00%	=	\$50,000	\$500,000	X	1%	=	\$5,000
Fairmont Downtown Historic District		X	5.00%	=	\$0		X	1%	=	\$0
Fairmont Fire Dept.	\$5,500,000	X	5.00%	=	\$275,000	\$1,900,000	X	1%	=	\$19,000
Fairmont General Hospital	\$100,000,000	X	5.00%	=	\$5,000,000	\$200,000,000	X	1%	=	\$2,000,000
Fairmont Lumber & Construction	\$134,000	X	5.00%	=	\$6,700	\$25,000	X	1%	=	\$250
Fairmont Municipal Airport		X	5.00%	=	\$0		X	1%	=	\$0
Fairmont Normal School Administration Building	\$7,945,000	X	5.00%	=	\$397,250	\$632,000	X	1%	=	\$6,320
Fairmont Printing	\$70,000	X	5.00%	=	\$3,500	\$3,000,000	X	1%	=	\$30,000
Fairmont Rubber Products	\$8,280,000	X	5.00%	=	\$414,000	\$2,000,000	X	1%	=	\$20,000
Fairmont Shop & Save		X	5.00%	=	\$0		X	1%	=	\$0

Fairmont Specialty Services	\$16,896,000	X	5.00%	=	\$844,800	\$14,500,000	X	1%	=	\$145,000
Fairmont Sr. HS	\$8,689,954	X	5.00%	=	\$434,498	\$8,689,954	X	1%	=	\$86,900
Fairmont State College	\$71,100,408	X	5.00%	=	\$3,555,020	\$30,471,603	X	1%	=	\$304,716
Fairmont Tool, Inc.	\$345,000	X	5.00%	=	\$17,250	\$10,000,000	X	1%	=	\$100,000
Fairview ES	\$2,006,550	X	5.00%	=	\$100,328	\$2,006,550	X	1%	=	\$20,066
Fairview MS	\$4,389,749	X	5.00%	=	\$219,487	\$4,389,749	X	1%	=	\$43,897
Fairview Public Library	\$400,000	X	5.00%	=	\$20,000	\$1,000,000	X	1%	=	\$10,000
Fairview VFD	\$500,000	X	5.00%	=	\$25,000	\$570,000	X	1%	=	\$5,700
Farmington VFD	\$200,000	X	5.00%	=	\$10,000	\$500,000	X	1%	=	\$5,000
Fibernet	\$90,000	X	5.00%	=	\$4,500	\$25,000	X	1%	=	\$250
Gate Multimedia	\$125,000	X	5.00%	=	\$6,250	\$50,000	X	1%	=	\$500
Gompu-Press	\$80,000	X	5.00%	=	\$4,000	\$20,000	X	1%	=	\$200
Grant Town VFD	\$200,000	X	5.00%	=	\$10,000	\$500,000	X	1%	=	\$5,000
Hamilton Round Barn	\$250,000	X	5.00%	=	\$12,500	\$15,000	X	1%	=	\$150
Harry's Laminated Products	\$279,450	X	5.00%	=	\$13,973	\$35,000	X	1%	=	\$350
Hendershot Plumbing & Heating	\$150,000	X	5.00%	=	\$7,500	\$12,000	X	1%	=	\$120
Higgins & Sons, Inc.	\$30,000.00	X	5.00%	=	\$1,500	\$15,000	X	1%	=	\$150
High Level Bridge	\$13,000,000	X	2.00%	=	\$260,000	\$13,000,000	X	1%	=	\$130,000
IQI, Inc. (Interserv)		X	5.00%	=	\$0		X	1%	=	\$0
J & C Enterprises	\$1,408,000	X	5.00%	=	\$70,400	\$175,000	X	1%	=	\$1,750
J. Harper Building	\$3,843,168	X	5.00%	=	\$192,158	\$3,843,168	X	1%	=	\$38,432
Jacob Prickett, Jr. Log House		X	5.00%	=	\$0		X	0%	=	\$0
Jacobs Building	\$2,719,500	X	5.00%	=	\$135,975	\$2,719,500	X	1%	=	\$27,195
Jacobs-Hutchinson Block		X	5.00%	=	\$0		X	1%	=	\$0
Jayenne ES	\$1,924,013	X	5.00%	=	\$96,201	\$1,924,013	X	1%	=	\$19,240
Kennedy Plumbing & Heating	\$217,500	X	5.00%	=	\$10,875	\$125,000	X	1%	=	\$1,250
Kisner, Sm & Sons	\$1,559,400	X	5.00%	=	\$77,970	\$100,000	X	1%	=	\$1,000
Kvaerner Pulping, Inc.		X	5.00%	=	\$0		X	1%	=	\$0
Manchin Clinic	\$2,200,000	X	5.00%	=	\$110,000	\$350,000	X	1%	=	\$3,500
Mannington Historic District		X	5.00%	=	\$0		X	1%	=	\$0

Mannington Library	\$75,000	X	5.00%	=	\$3,750	\$1,000,000	X	1%	=	\$10,000
Mannington MS	\$9,758,203	X	5.00%	=	\$487,910	\$9,758,203	X	1%	=	\$97,582
Mannington VFD	\$200,000	X	5.00%	=	\$10,000	\$450,000	X	1%	=	\$4,500
Marion Co. BOE		X	5.00%	=	\$0		X	1%	=	\$0
Marion Co. Technical Center	\$18,011,175	X	5.00%	=	\$900,559	\$18,011,175	X	1%	=	\$180,112
Marion County Courthouse	\$10,000,000	X	5.00%	=	\$500,000	\$1,500,000	X	1%	=	\$15,000
Marion County Library	\$1,452,000	X	5.00%	=	\$72,600	\$1,452,000	X	1%	=	\$14,520
Mary Lou Reton Park Facilities	\$413,600	X	5.00%	=	\$20,680	\$413,600	X	0%	=	\$0
Miller Jr. HS	\$5,925,465	X	5.00%	=	\$296,273	\$5,925,465	X	1%	=	\$59,255
Mining Dynamics, Inc.	\$110,000	X	5.00%	=	\$5,500	\$75,000	X	1%	=	\$750
Monongah ES	\$2,733,185	X	5.00%	=	\$136,659	\$2,733,185	X	1%	=	\$27,332
Monongah MS	\$3,557,372	X	5.00%	=	\$177,869	\$3,557,372	X	1%	=	\$35,574
Monongah VFD	\$600,000	X	5.00%	=	\$30,000	\$750,000	X	1%	=	\$7,500
Mont Levine, Inc.	\$400,000	X	5.00%	=	\$20,000	\$200,000	X	1%	=	\$2,000
North Marion HS	\$21,862,750	X	5.00%	=	\$1,093,138	\$21,862,750	X	1%	=	\$218,628
Pleasant Valley ES	\$2,505,048	X	5.00%	=	\$125,252	\$2,505,048	X	1%	=	\$25,050
Presort Plus, Inc.	\$80,000	X	5.00%	=	\$4,000	\$700,000	X	1%	=	\$7,000
Prickett Bay Boat Launching	\$75,000	X	1.00%	=	\$750	\$75,000	X	0%	=	\$0
Railroads	\$25,156,903	X	1.00%	=	\$251,569	\$25,156,903	X	0%	=	\$0
Reiss Viking	\$3,000,000	X	5.00%	=	\$150,000	\$8,000,000	X	1%	=	\$80,000
Residences	#####	X	5.00%	=	\$51,670,548			1%		
Rivesville Elementary/ Middle School	\$3,610,334	X	5.00%	=	\$180,517	\$3,610,334	X	1%	=	\$36,103
Rivesville VFD	\$150,000	X	5.00%	=	\$7,500	\$1,000,000	X	1%	=	\$10,000
Roads	\$29,744,100	X	1.00%	=	\$297,441		X	0%	=	\$0
Ruskin Co.		X	5.00%	=	\$0		X	1%	=	\$0
Ruth Ann Musick Library	\$5,633,193	X	5.00%	=	\$281,660	\$2,414,255	X	1%	=	\$24,143
Schultz Machine Co., Inc.	\$800,000	X	5.00%	=	\$40,000	\$1,250,000	X	1%	=	\$0
Shaw House		X	5.00%	=	\$0		X	1%	=	\$0
Sheriff's Residence	\$65,000	X	5.00%	=	\$3,250	\$20,000	X	1%	=	\$200

Sign & More in 24	\$255,200	X	5.00%	=	\$12,760	\$200,000	X	1%	=	\$2,000
Steppingstone	\$792,000	X	5.00%	=	\$39,600	\$792,000	X	1%	=	\$7,920
Stickley, CW, Inc.		X	5.00%	=	\$0		X	1%	=	\$0
Temp Corp., Inc.	\$320,000	X	5.00%	=	\$16,000	\$500,000	X	1%	=	\$5,000
TMC Technologies, he.	\$531,300	X	5.00%	=	\$26,565	\$300,000	X	1%	=	\$3,000
Valley National Gasses Inc.		X	5.00%	=	\$0		X	1%	=	\$0
Valley VFD	\$200,000	X	5.00%	=	\$10,000	\$500,000	X	1%	=	\$5,000
Wastewater Treatment Plant	\$10,000,000	X	5.00%	=	\$500,000	\$10,000,000	X	1%	=	\$100,000
Water Treatment Plant	\$10,000,000	X	5.00%	=	\$500,000	\$10,000,000	X	1%	=	\$100,000
Wat-Mart	\$6,231,000	X	5.00%	=	\$311,550	\$5,000,000	X	1%	=	\$50,000
Watson ES	\$3,127,579	X	5.00%	=	\$156,379	\$3,127,579	X	1%	=	\$31,276
White Hall ES	\$2,060,149	X	5.00%	=	\$103,007	\$2,060,149	X	1%	=	\$20,601
Wilcox Rubber Stamps	\$70,000	X	5.00%	=	\$3,500	\$30,000	X	1%	=	\$300
Winfield Dist. VFD	\$500,000	X	5.00%	=	\$25,000	\$570,000	X	1%	=	\$5,700
Winner's Choice	\$660,000	X	5.00%	=	\$33,000	\$750,000	X	1%	=	\$7,500
Wishing Well Health Center		X	5.00%	=	\$0		X	1%	=	\$0
Worthington VFD	\$300,000	X	5.00%	=	\$15,000	\$1,000,000	X	1%	=	\$10,000
Worthington Park	\$8,800	X	5.00%	=	\$440	\$8,800	X	0%	=	\$0
					\$75,123,150					\$9,501,812

**Hazard: Wind Storm / Tornado**

Name/Description of Asset	Structure Use and Function Loss									Structure + Contents + Function Loss
	Average Daily Operating Budget (\$)	X	Functional Downtime (# of days)	+	Displacement Cost per Day (\$)	X	Displacement Time (Days)	=	Structure Use & Function Loss (\$)	
Allegheny Energy Service Corp.	\$0	X	5	+		X	0	=	\$0	\$0
American Fiber Resources	\$137,000	X	2	+	\$137,000	X	0	=	\$274,000	\$1,974,000
American Fiber Resources, LLC	\$100,000.00	X	2	+	\$100,000.00	X	0	=	\$200,000	\$4,400,000
ANSER	\$189,000	X	2	+	\$189,000	X	0	=	\$378,000	\$394,000
Apostolic Christian Temple School	\$400	X	2	+	\$400	X	0	=	\$800	\$4,350
Barnes ES	\$2,000	X	2	+	\$2,000	X	0	=	\$4,000	\$234,172
Barrackville Elementary/ Middle School	\$5,600	X	2	+	\$5,600	X	0	=	\$11,200	\$250,692
Barrackville Covered Bridge	\$0	X	0	+	\$0	X	0	=	\$0	\$3,000
Barrackville VFD	\$300	X	0	+	\$300	X	0	=	\$0	\$20,000
Baxter VFD	\$300	X	0	+	\$300	X	0	=	\$0	\$17,500
Bituminous Power Partners	\$79,500	X	2	+	\$79,500	X	0	=	\$159,000	\$219,000
Blackshere ES	\$7,000	X	2	+	\$7,000	X	0	=	\$14,000	\$256,424
Boothsville VFD	\$300	X	0	+	\$300	X	0	=	\$0	\$17,500
Boylen Timber Co	\$3,500.00	X	2	+	\$3,500.00	X	0	=	\$7,000	\$12,350
Bridges			0							\$0
Bunners Ridge VFD	\$300	X	0	+	\$300	X	0	=	\$0	\$17,500
CAM Concepts, Inc.	\$1,000	X	2	+	\$1,000	X	0	=	\$2,000	\$17,000
Central Communications		X	2	+		X	0	=	\$0	\$7,038
Charles E. Haislip M.D., Inc.	\$2,100	X	2	+	\$2,100	X	0	=	\$4,200	\$81,200
Chem-Ray	\$10,000.00	X	2	+	\$10,000.00	X	0	=	\$20,000	\$38,350
CNC Industries, Inc.	\$5,000.00	X	2	+	\$5,000.00	X	0	=	\$10,000	\$50,360

Colonial Apartments		X	2	+		X	0	=	\$0	\$0
Concord Press	\$2,000	X	2	+	\$2,000	X	0	=	\$4,000	\$12,000
Consol Energy		X	2	+		X	0	=	\$0	\$0
County Jail		X	0	+		X	0	=	\$0	\$124,992
Dominion Hope		X	2	+		X	0	=	\$0	\$0
Dunbar MS	\$5,200	X	2	+	\$5,200	X	0	=	\$10,400	\$233,070
East Dale ES	\$8,500	X	2	+	\$8,500	X	0	=	\$17,000	\$204,256
East Fairmont HS	\$12,900	X	2	+	\$12,900	X	0	=	\$25,800	\$456,397
East Fairmont Jr. HS	\$5,900	X	2	+	\$5,900	X	0	=	\$11,800	\$1,021,900
East Marion Park Facilities		X	2	+		X	0	=	\$0	\$71,386
East Park ES	\$6,700	X	2	+	\$6,700	X	0	=	\$13,400	\$285,685
Eastern Associated Coal Corp.		X	2	+		X	0	=	\$0	\$0
Edwin Morris	\$1,800	X	2	+	\$1,800	X	0	=	\$3,600	\$25,100
Equitable Gas Co. (Curtisville)	\$0	X	2	+	\$0	X	0	=	\$0	\$75,000
Fairmont Catholic Elementary	\$0	X	2	+	\$0	X	0	=	\$0	\$129,600
Fairmont City Hall	\$21,900	X	2	+	\$21,900	X	0	=	\$43,800	\$98,800
Fairmont Downtown Historic District		X	2	+		X	0	=	\$0	\$0
Fairmont Fire Dept.	\$6,800	X	0	+	\$6,800	X	0	=	\$0	\$294,000
Fairmont General Hospital	\$214,400	X	0	+	\$214,400	X	0	=	\$0	\$7,000,000
Fairmont Lumber & Construction	\$1,000	X	2	+	\$1,000	X	0	=	\$2,000	\$8,950
Fairmont Municipal Airport	\$0	X	2	+	\$0	X	0	=	\$0	\$0
Fairmont Normal School Administration Building	\$54,800	X	2	+	\$54,800	X	0	=	\$109,600	\$513,170
Fairmont Printing	\$5,000	X	2	+	\$5,000	X	0	=	\$10,000	\$43,500
Fairmont Rubber Products	\$30,000	X	2	+	\$30,000	X	0	=	\$60,000	\$494,000
Fairmont Shop & Save		X	2	+		X	0	=	\$0	\$0

Fairmont Specialty Services	\$50,000.00	X	2	+	\$50,000.00	X	0	=	\$100,000	\$1,089,800
Fairmont Sr. HS	\$12,900	X	2	+	\$12,900	X	0	=	\$25,800	\$547,197
Fairmont State College	\$55,900	X	2	+	\$55,900	X	0	=	\$111,800	\$3,971,536
Fairmont Tool, Inc.	\$10,000	X	2	+	\$10,000	X	0	=	\$20,000	\$137,250
Fairview ES	\$2,800	X	2	+	\$2,800	X	0	=	\$5,600	\$125,993
Fairview MS	\$2,700	X	2	+	\$2,700	X	0	=	\$5,400	\$268,785
Fairview Public Library	\$1,100	X	2	+	\$1,100	X	0	=	\$2,200	\$32,200
Fairview VFD	\$700	X	0	+	\$700	X	0	=	\$0	\$30,700
Farmington VFD	\$300	X	0	+	\$300	X	0	=	\$0	\$15,000
Fibernet	\$800	X	2	+	\$800	X	0	=	\$1,600	\$6,350
Gate Multimedia	\$0	X	2	+	\$0	X	0	=	\$0	\$6,750
Gompu-Press	\$300	X	2	+	\$300	X	0	=	\$600	\$4,800
Grant Town VFD	\$300	X	0	+	\$300	X	0	=	\$0	\$15,000
Hamilton Round Barn	\$0	X	2	+	\$0	X	0	=	\$0	\$12,650
Harry's Laminated Products	\$600	X	2	+	\$600	X	0	=	\$1,200	\$15,523
Hendershot Plumbing & Heating	\$2,100	X	2	+	\$2,100	X	0	=	\$4,200	\$11,820
Higgins & Sons, Inc.	\$2,000	X	2	+	\$2,000	X	0	=	\$4,000	\$5,650
High Level Bridge	\$0	X	0	+	\$0	X	0	=	\$0	\$390,000
IQI, Inc. (Interserv)		X	2	+		X	0	=	\$0	\$0
J & C Enterprises	\$5,000.00	X	2	+	\$5,000.00	X	0	=	\$10,000	\$82,150
J. Harper Building		X	2	+		X	0	=	\$0	\$230,590
Jacob Prickett, Jr. Log House	\$0	X	2	+	\$0	X	0	=	\$0	\$0
Jacobs Building		X	2	+		X	0	=	\$0	\$163,170
Jacobs-Hutchinson Block	\$0	X	2	+	\$0	X	0	=	\$0	\$0
Jayenne ES	\$2,900	X	2	+	\$2,900	X	0	=	\$5,800	\$121,241
Kennedy Plumbing & Heating	\$1,600	X	2	+	\$1,600	X	0	=	\$3,200	\$15,325
Kisner, Sm & Sons	\$3,000	X	2	+	\$3,000	X	0	=	\$6,000	\$84,970
Kvaerner Pulping, Inc.		X	2	+		X	0	=	\$0	\$0
Manchin Clinic	\$9,900	X	2	+	\$9,900	X	0	=	\$19,800	\$133,300
Mannington Historic District		X	2	+		X	0	=	\$0	\$0

Mannington Library	\$1,100	X	2	+	\$1,100	X	0	=	\$2,200	\$15,950
Mannington MS	\$5,800	X	2	+	\$5,800	X	0	=	\$11,600	\$597,092
Mannington VFD	\$300	X	0	+	\$300	X	0	=	\$0	\$14,500
Marion Co. BOE		X	2	+		X	0	=	\$0	\$0
Marion Co. Technical Center	\$500	X	2	+	\$500	X	0	=	\$1,000	\$1,081,671
Marion County Courthouse	\$68,500	X	2	+	\$68,500	X	0	=	\$137,000	\$652,000
Marion County Library	\$1,096	X	2	+	\$1,096	X	0	=	\$2,192	\$89,312
Mary Lou Reton Park Facilities		X	2	+		X	0	=	\$0	\$20,680
Miller Jr. HS	\$5,400	X	2	+	\$5,400	X	0	=	\$10,800	\$366,328
Mining Dynamics, Inc.	\$500.00	X	2	+	\$500.00	X	0	=	\$1,000	\$7,250
Monongah ES	\$5,000	X	2	+	\$5,000	X	0	=	\$10,000	\$173,991
Monongah MS	\$4,200	X	2	+	\$4,200	X	0	=	\$8,400	\$221,842
Monongah VFD	\$700	X	0	+	\$700	X	0	=	\$0	\$37,500
Mont Levine, Inc.	\$10,000	X	2	+	\$10,000	X	0	=	\$20,000	\$42,000
North Marion HS	\$13,500	X	2	+	\$13,500	X	0	=	\$27,000	\$1,338,765
Pleasant Valley ES	\$4,100	X	2	+	\$4,100	X	0	=	\$8,200	\$158,503
Presort Plus, Inc.	\$8,000.00	X	2	+	\$8,000.00	X	0	=	\$16,000	\$27,000
Prickett Bay Boat Launching	\$0	X	0	+	\$0	X	0	=	\$0	\$750
Railroads	\$0	X	1	+	\$0	X	0	=	\$0	\$251,569
Reiss Viking	\$15,000	X	2	+	\$15,000	X	0	=	\$30,000	\$260,000
Residences			2				0			\$51,670,548
Rivesville Elementary/ Middle School	\$4,300	X	2	+	\$4,300	X	0	=	\$8,600	\$225,220
Rivesville VFD	\$300	X	0	+	\$300	X	0	=	\$0	\$17,500
Roads	\$0	X	1	+	\$0	X	0	=	\$0	\$297,441
Ruskin Co.		X	2	+		X	0	=	\$0	\$0
Ruth Ann Musick Library	\$0	X	2	+	\$0	X	0	=	\$0	\$305,802
Schultz Machine Co., Inc.	\$15,000	X	2	+	\$15,000	X	0	=	\$30,000	\$70,000
Shaw House	\$0	X	2	+	\$0	X	0	=	\$0	\$0
Sheriff's Residence	\$200	X	2	+	\$200	X	0	=	\$400	\$3,850

Sign & More in 24	\$200.00	X	2	+	\$200.00	X	0	=	\$400	\$15,160
Steppingstone		X	2	+		X	0	=	\$0	\$47,520
Stickley, CW, Inc.		X	2	+		X	0	=	\$0	\$0
Temp Corp., Inc.	\$1,600	X	2	+	\$1,600	X	0	=	\$3,200	\$24,200
TMC Technologies, he.	\$0	X	2	+	\$0	X	0	=	\$0	\$29,565
Valley National Gasses Inc.		X	2	+		X	0	=	\$0	\$0
Valley VFD	\$300	X	0	+	\$300	X	0	=	\$0	\$15,000
Wastewater Treatment Plant	\$100,000	X	2	+	\$100,000	X	0	=	\$200,000	\$800,000
Water Treatment Plant	\$200,000	X	2	+	\$200,000	X	0	=	\$400,000	\$1,000,000
Wat-Mart	\$126,000	X	2	+	\$126,000	X	0	=	\$252,000	\$613,550
Watson ES	\$5,300	X	2	+	\$5,300	X	0	=	\$10,600	\$198,255
White Hall ES	\$2,700	X	2	+	\$2,700	X	0	=	\$5,400	\$129,009
Wilcox Rubber Stamps	\$100	X	2	+	\$100	X	0	=	\$200	\$4,000
Winfield Dist. VFD	\$700	X	2	+	\$700	X	0	=	\$1,400	\$32,100
Winner's Choice	\$5,000	X	2	+	\$5,000	X	0	=	\$10,000	\$50,500
Wishing Well Health Center		X	2	+		X	0	=	\$0	\$0
Worthington VFD	\$400	X	0	+	\$400	X	0	=	\$0	\$25,000
Worthington Park		X	2	+		X	0	=	\$0	\$440
									\$1,408,992	\$87,555,354

**Hazard: Wildfire**

Name/Description of Asset	Structure Loss					Contents Loss				
	Structure Replacement Value (\$)	X	Percent Damage (%)	=	Loss to Structure (\$)	Replacement Value of Contents (\$)	X	Percent Damage (%)	=	Loss to Contents (\$)
Allegheny Energy Service Corp.		X	0.00%	=	\$0		X	0%	=	\$0
American Fiber Resources	\$5,000,000	X	0.00%	=	\$0	\$145,000,000	X	0%	=	\$0
American Fiber Resources, LLC	\$20,000,000	X	0.00%	=	\$0	\$320,000,000	X	0%	=	\$0
ANSER	\$120,000	X	0.00%	=	\$0	\$1,000,000	X	0%	=	\$0
Apostolic Christian Temple School	\$55,000	X	0.00%	=	\$0	\$80,000	X	0%	=	\$0
Barnes ES	\$3,836,196	X	0.00%	=	\$0	\$3,836,196	X	0%	=	\$0
Barrackville Elementary/ Middle School	\$3,991,533	X	0.00%	=	\$0	\$3,991,533	X	0%	=	\$0
Barrackville Covered Bridge	\$150,000	X	0.00%	=	\$0	\$150,000	X	0%	=	\$0
Barrackville VFD	\$200,000	X	0.00%	=	\$0	\$1,000,000	X	0%	=	\$0
Baxter VFD	\$150,000	X	0.00%	=	\$0	\$1,000,000	X	0%	=	\$0
Bituminous Power Partners	\$1,000,000	X	0.00%	=	\$0	\$1,000,000	X	0%	=	\$0
Blackshere ES	\$4,040,400	X	0.00%	=	\$0	\$4,040,400	X	0%	=	\$0
Boothsville VFD	\$150,000	X	0.00%	=	\$0	\$1,000,000	X	0%	=	\$0
Boylen Timber Co	\$75,000	X	0.00%	=	\$0	\$160,000	X	0%	=	\$0
Bridges			0.00%							
Bunners Ridge VFD	\$150,000	X	0.00%	=	\$0	\$1,000,000	X	0%	=	\$0
CAM Concepts, Inc.	\$200,000	X	0.00%	=	\$0	\$500,000	X	0%	=	\$0
Central Communications	\$140,760	X	0.00%	=	\$0	\$140,760	X	0%	=	
Charles E. Haislip M.D., Inc.	\$1,500,000	X	0.00%	=	\$0	\$200,000	X	0%	=	\$0
Chem-Ray	\$207,000	X	0.00%	=	\$0	\$800,000	X	0%	=	\$0
CNC Industries, Inc.	\$607,200	X	0.00%	=	\$0	\$1,000,000	X	0%	=	\$0

Colonial Apartments		X	0.00%	=	\$0		X	0%	=	\$0
Concord Press	\$60,000	X	0.00%	=	\$0	\$500,000	X	0%	=	\$0
Consol Energy		X	0.00%	=	\$0		X	0%	=	\$0
County Jail	\$2,083,200	X	0.00%	=	\$0	\$2,083,200	X	0%	=	\$0
Dominion Hope		X	0.00%	=	\$0		X	0%	=	\$0
Dunbar MS	\$3,711,162	X	0.00%	=	\$0	\$3,711,162	X	0%	=	\$0
East Dale ES	\$3,120,936	X	0.00%	=	\$0	\$3,120,936	X	0%	=	\$0
East Fairmont HS	\$7,176,624	X	0.00%	=	\$0	\$7,176,624	X	0%	=	\$0
East Fairmont Jr. HS	\$16,835,000	X	0.00%	=	\$0	\$16,835,000	X	0%	=	\$0
East Marion Park Facilities	\$1,427,712.00	X	1.00%	=	\$14,277	\$1,427,712	X	0%	=	\$0
East Park ES	\$4,538,079	X	0.00%	=	\$0	\$4,538,079	X	0%	=	\$0
Eastern Associated Coal Corp.		X	0.00%	=	\$0		X	0%	=	\$0
Edwin Morris	\$400,000	X	0.00%	=	\$0	\$150,000	X	0%	=	\$0
Equitable Gas Co. (Curtisville)	\$1,000,000	X	0.00%	=	\$0	\$2,500,000	X	0%	=	\$0
Fairmont Catholic Elementary	\$2,490,000	X	0.00%	=	\$0	\$510,000	X	0%	=	\$0
Fairmont City Hall	\$1,000,000	X	0.00%	=	\$0	\$500,000	X	0%	=	\$0
Fairmont Downtown Historic District		X	0.00%	=	\$0		X	0%	=	\$0
Fairmont Fire Dept.	\$5,500,000	X	0.00%	=	\$0	\$1,900,000	X	0%	=	\$0
Fairmont General Hospital	\$100,000,000	X	0.00%	=	\$0	\$200,000,000	X	0%	=	\$0
Fairmont Lumber & Construction	\$134,000	X	0.00%	=	\$0	\$25,000	X	0%	=	\$0
Fairmont Municipal Airport		X	0.00%	=	\$0		X	0%	=	\$0
Fairmont Normal School Administration Building	\$7,945,000	X	0.00%	=	\$0	\$632,000	X	0%	=	\$0
Fairmont Printing	\$70,000	X	0.00%	=	\$0	\$3,000,000	X	0%	=	\$0
Fairmont Rubber Products	\$8,280,000	X	0.00%	=	\$0	\$2,000,000	X	0%	=	\$0
Fairmont Shop & Save		X	0.00%	=	\$0		X	0%	=	\$0

Fairmont Specialty Services	\$16,896,000	X	0.00%	=	\$0	\$14,500,000	X	0%	=	\$0
Fairmont Sr. HS	\$8,689,954	X	0.00%	=	\$0	\$8,689,954	X	0%	=	\$0
Fairmont State College	\$71,100,408	X	0.00%	=	\$0	\$30,471,603	X	0%	=	\$0
Fairmont Tool, Inc.	\$345,000	X	0.00%	=	\$0	\$10,000,000	X	0%	=	\$0
Fairview ES	\$2,006,550	X	0.00%	=	\$0	\$2,006,550	X	0%	=	\$0
Fairview MS	\$4,389,749	X	0.00%	=	\$0	\$4,389,749	X	0%	=	\$0
Fairview Public Library	\$400,000	X	0.00%	=	\$0	\$1,000,000	X	0%	=	\$0
Fairview VFD	\$500,000	X	0.00%	=	\$0	\$570,000	X	0%	=	\$0
Farmington VFD	\$200,000	X	0.00%	=	\$0	\$500,000	X	0%	=	\$0
Fibernet	\$90,000	X	0.00%	=	\$0	\$25,000	X	0%	=	\$0
Gate Multimedia	\$125,000	X	0.00%	=	\$0	\$50,000	X	0%	=	\$0
Gompu-Press	\$80,000	X	0.00%	=	\$0	\$20,000	X	0%	=	\$0
Grant Town VFD	\$200,000	X	0.00%	=	\$0	\$500,000	X	0%	=	\$0
Hamilton Round Barn	\$250,000	X	0.00%	=	\$0	\$15,000	X	0%	=	\$0
Harry's Laminated Products	\$279,450	X	0.00%	=	\$0	\$35,000	X	0%	=	\$0
Hendershot Plumbing & Heating	\$150,000	X	0.00%	=	\$0	\$12,000	X	0%	=	\$0
Higgins & Sons, Inc.	\$30,000.00	X	0.00%	=	\$0	\$15,000	X	0%	=	\$0
High Level Bridge	\$13,000,000	X	0.00%	=	\$0	\$13,000,000	X	0%	=	\$0
IQI, Inc. (Interserv)		X	0.00%	=	\$0		X	0%	=	\$0
J & C Enterprises	\$1,408,000	X	0.00%	=	\$0	\$175,000	X	0%	=	\$0
J. Harper Building	\$3,843,168	X	0.00%	=	\$0	\$3,843,168	X	0%	=	\$0
Jacob Prickett, Jr. Log House		X	1.00%	=	\$0		X	0%	=	\$0
Jacobs Building	\$2,719,500	X	0.00%	=	\$0	\$2,719,500	X	0%	=	\$0
Jacobs-Hutchinson Block		X	0.00%	=	\$0		X	0%	=	\$0
Jayenne ES	\$1,924,013	X	0.00%	=	\$0	\$1,924,013	X	0%	=	\$0
Kennedy Plumbing & Heating	\$217,500	X	0.00%	=	\$0	\$125,000	X	0%	=	\$0
Kisner, Sm & Sons	\$1,559,400	X	0.00%	=	\$0	\$100,000	X	0%	=	\$0
Kvaerner Pulping, Inc.		X	0.00%	=	\$0		X	0%	=	\$0
Manchin Clinic	\$2,200,000	X	0.00%	=	\$0	\$350,000	X	0%	=	\$0
Mannington Historic District		X	0.00%	=	\$0		X	0%	=	\$0

Mannington Library	\$75,000	X	0.00%	=	\$0	\$1,000,000	X	0%	=	\$0
Mannington MS	\$9,758,203	X	0.00%	=	\$0	\$9,758,203	X	0%	=	\$0
Mannington VFD	\$200,000	X	0.00%	=	\$0	\$450,000	X	0%	=	\$0
Marion Co. BOE		X	0.00%	=	\$0		X	0%	=	\$0
Marion Co. Technical Center	\$18,011,175	X	0.00%	=	\$0	\$18,011,175	X	0%	=	\$0
Marion County Courthouse	\$10,000,000	X	0.00%	=	\$0	\$1,500,000	X	0%	=	\$0
Marion County Library	\$1,452,000	X	0.00%	=	\$0	\$1,452,000	X	0%	=	\$0
Mary Lou Reton Park Facilities	\$413,600	X	0.00%	=	\$0	\$413,600	X	0%	=	\$0
Miller Jr. HS	\$5,925,465	X	0.00%	=	\$0	\$5,925,465	X	0%	=	\$0
Mining Dynamics, Inc.	\$110,000	X	0.00%	=	\$0	\$75,000	X	0%	=	\$0
Monongah ES	\$2,733,185	X	0.00%	=	\$0	\$2,733,185	X	0%	=	\$0
Monongah MS	\$3,557,372	X	0.00%	=	\$0	\$3,557,372	X	0%	=	\$0
Monongah VFD	\$600,000	X	0.00%	=	\$0	\$750,000	X	0%	=	\$0
Mont Levine, Inc.	\$400,000	X	0.00%	=	\$0	\$200,000	X	0%	=	\$0
North Marion HS	\$21,862,750	X	0.00%	=	\$0	\$21,862,750	X	0%	=	\$0
Pleasant Valley ES	\$2,505,048	X	0.00%	=	\$0	\$2,505,048	X	0%	=	\$0
Presort Plus, Inc.	\$80,000	X	0.00%	=	\$0	\$700,000	X	0%	=	\$0
Prickett Bay Boat Launching	\$75,000	X	0.00%	=	\$0	\$75,000	X	0%	=	\$0
Railroads	\$25,156,903	X	0.00%	=	\$0	\$25,156,903	X	0%	=	\$0
Reiss Viking	\$3,000,000	X	0.00%	=	\$0	\$8,000,000	X	0%	=	\$0
Residences	#####	X	1.00%	=	\$10,334,110			0%		
Rivesville Elementary/ Middle School	\$3,610,334	X	0.00%	=	\$0	\$3,610,334	X	0%	=	\$0
Rivesville VFD	\$150,000	X	0.00%	=	\$0	\$1,000,000	X	0%	=	\$0
Roads	\$29,744,100	X	0.00%	=	\$0		X	0%	=	\$0
Ruskin Co.		X	0.00%	=	\$0		X	0%	=	\$0
Ruth Ann Musick Library	\$5,633,193	X	0.00%	=	\$0	\$2,414,255	X	0%	=	\$0
Schultz Machine Co., Inc.	\$800,000	X	0.00%	=	\$0	\$1,250,000	X	0%	=	\$0
Shaw House		X	0.00%	=	\$0		X	0%	=	\$0
Sheriff's Residence	\$65,000	X	0.00%	=	\$0	\$20,000	X	0%	=	\$0

Sign & More in 24	\$255,200	X	0.00%	=	\$0	\$200,000	X	0%	=	\$0
Steppingstone	\$792,000	X	0.00%	=	\$0	\$792,000	X	0%	=	\$0
Stickley, CW, Inc.		X	0.00%	=	\$0		X	0%	=	\$0
Temp Corp., Inc.	\$320,000	X	0.00%	=	\$0	\$500,000	X	0%	=	\$0
TMC Technologies, he.	\$531,300	X	0.00%	=	\$0	\$300,000	X	0%	=	\$0
Valley National Gasses Inc.		X	0.00%	=	\$0		X	0%	=	\$0
Valley VFD	\$200,000	X	0.00%	=	\$0	\$500,000	X	0%	=	\$0
Wastewater Treatment Plant	\$10,000,000	X	0.00%	=	\$0	\$10,000,000	X	0%	=	\$0
Water Treatment Plant	\$10,000,000	X	0.00%	=	\$0	\$10,000,000	X	0%	=	\$0
Wat-Mart	\$6,231,000	X	0.00%	=	\$0	\$5,000,000	X	0%	=	\$0
Watson ES	\$3,127,579	X	0.00%	=	\$0	\$3,127,579	X	0%	=	\$0
White Hall ES	\$2,060,149	X	0.00%	=	\$0	\$2,060,149	X	0%	=	\$0
Wilcox Rubber Stamps	\$70,000	X	0.00%	=	\$0	\$30,000	X	0%	=	\$0
Winfield Dist. VFD	\$500,000	X	0.00%	=	\$0	\$570,000	X	0%	=	\$0
Winner's Choice	\$660,000	X	0.00%	=	\$0	\$750,000	X	0%	=	\$0
Wishing Well Health Center		X	0.00%	=	\$0		X	0%	=	\$0
Worthington VFD	\$300,000	X	0.00%	=	\$0	\$1,000,000	X	0%	=	\$0
Worthington Park	\$8,800	X	1.00%	=	\$88	\$8,800	X	0%	=	\$0
					\$10,348,475					\$0

**Hazard: Wildfire**

Name/Description of Asset	Structure Use and Function Loss									Structure + Contents + Function Loss
	Average Daily Operating Budget (\$)	X	Functional Downtime (# of days)	+	Displacement Cost per Day (\$)	X	Displacement Time (Days)	=	Structure Use & Function Loss (\$)	
Allegheny Energy Service Corp.	\$0	X	0	+		X	0	=	\$0	\$0
American Fiber Resources	\$137,000	X	0	+	\$137,000	X	0	=	\$0	\$0
American Fiber Resources, LLC	\$100,000.00	X	0	+	\$100,000.00	X	0	=	\$0	\$0
ANSER	\$189,000	X	0	+	\$189,000	X	0	=	\$0	\$0
Apostolic Christian Temple School	\$400	X	0	+	\$400	X	0	=	\$0	\$0
Barnes ES	\$2,000	X	0	+	\$2,000	X	0	=	\$0	\$0
Barrackville Elementary/ Middle School	\$5,600	X	0	+	\$5,600	X	0	=	\$0	\$0
Barrackville Covered Bridge	\$0	X	0	+	\$0	X	0	=	\$0	\$0
Barrackville VFD	\$300	X	0	+	\$300	X	0	=	\$0	\$0
Baxter VFD	\$300	X	0	+	\$300	X	0	=	\$0	\$0
Bituminous Power Partners	\$79,500	X	0	+	\$79,500	X	0	=	\$0	\$0
Blackshere ES	\$7,000	X	0	+	\$7,000	X	0	=	\$0	\$0
Boothsville VFD	\$300	X	0	+	\$300	X	0	=	\$0	\$0
Boylen Timber Co	\$3,500.00	X	0	+	\$3,500.00	X	0	=	\$0	\$0
Bridges			0							\$0
Bunners Ridge VFD	\$300	X	0	+	\$300	X	0	=	\$0	\$0
CAM Concepts, Inc.	\$1,000	X	0	+	\$1,000	X	0	=	\$0	\$0
Central Communications		X	0	+		X	0	=	\$0	\$0
Charles E. Haislip M.D., Inc.	\$2,100	X	0	+	\$2,100	X	0	=	\$0	\$0
Chem-Ray	\$10,000.00	X	0	+	\$10,000.00	X	0	=	\$0	\$0
CNC Industries, Inc.	\$5,000.00	X	0	+	\$5,000.00	X	0	=	\$0	\$0

Colonial Apartments		X	0	+		X	0	=	\$0	\$0
Concord Press	\$2,000	X	0	+	\$2,000	X	0	=	\$0	\$0
Consol Energy		X	0	+		X	0	=	\$0	\$0
County Jail		X	0	+		X	0	=	\$0	\$0
Dominion Hope		X	0	+		X	0	=	\$0	\$0
Dunbar MS	\$5,200	X	0	+	\$5,200	X	0	=	\$0	\$0
East Dale ES	\$8,500	X	0	+	\$8,500	X	0	=	\$0	\$0
East Fairmont HS	\$12,900	X	0	+	\$12,900	X	0	=	\$0	\$0
East Fairmont Jr. HS	\$5,900	X	0	+	\$5,900	X	0	=	\$0	\$0
East Marion Park Facilities		X	0	+		X	0	=	\$0	\$14,277
East Park ES	\$6,700	X	0	+	\$6,700	X	0	=	\$0	\$0
Eastern Associated Coal Corp.		X	0	+		X	0	=	\$0	\$0
Edwin Morris	\$1,800	X	0	+	\$1,800	X	0	=	\$0	\$0
Equitable Gas Co. (Curtisville)	\$0	X	0	+	\$0	X	0	=	\$0	\$0
Fairmont Catholic Elementary	\$0	X	0	+	\$0	X	0	=	\$0	\$0
Fairmont City Hall	\$21,900	X	0	+	\$21,900	X	0	=	\$0	\$0
Fairmont Downtown Historic District		X	0	+		X	0	=	\$0	\$0
Fairmont Fire Dept.	\$6,800	X	0	+	\$6,800	X	0	=	\$0	\$0
Fairmont General Hospital	\$214,400	X	0	+	\$214,400	X	0	=	\$0	\$0
Fairmont Lumber & Construction	\$1,000	X	0	+	\$1,000	X	0	=	\$0	\$0
Fairmont Municipal Airport	\$0	X	0	+	\$0	X	0	=	\$0	\$0
Fairmont Normal School Administration Building	\$54,800	X	0	+	\$54,800	X	0	=	\$0	\$0
Fairmont Printing	\$5,000	X	0	+	\$5,000	X	0	=	\$0	\$0
Fairmont Rubber Products	\$30,000	X	0	+	\$30,000	X	0	=	\$0	\$0
Fairmont Shop & Save		X	0	+		X	0	=	\$0	\$0

Fairmont Specialty Services	\$50,000.00	X	0	+	\$50,000.00	X	0	=	\$0	\$0
Fairmont Sr. HS	\$12,900	X	0	+	\$12,900	X	0	=	\$0	\$0
Fairmont State College	\$55,900	X	0	+	\$55,900	X	0	=	\$0	\$0
Fairmont Tool, Inc.	\$10,000	X	0	+	\$10,000	X	0	=	\$0	\$0
Fairview ES	\$2,800	X	0	+	\$2,800	X	0	=	\$0	\$0
Fairview MS	\$2,700	X	0	+	\$2,700	X	0	=	\$0	\$0
Fairview Public Library	\$1,100	X	0	+	\$1,100	X	0	=	\$0	\$0
Fairview VFD	\$700	X	0	+	\$700	X	0	=	\$0	\$0
Farmington VFD	\$300	X	0	+	\$300	X	0	=	\$0	\$0
Fibernet	\$800	X	0	+	\$800	X	0	=	\$0	\$0
Gate Multimedia	\$0	X	0	+	\$0	X	0	=	\$0	\$0
Gompu-Press	\$300	X	0	+	\$300	X	0	=	\$0	\$0
Grant Town VFD	\$300	X	0	+	\$300	X	0	=	\$0	\$0
Hamilton Round Barn	\$0	X	0	+	\$0	X	0	=	\$0	\$0
Harry's Laminated Products	\$600	X	0	+	\$600	X	0	=	\$0	\$0
Hendershot Plumbing & Heating	\$2,100	X	0	+	\$2,100	X	0	=	\$0	\$0
Higgins & Sons, Inc.	\$2,000	X	0	+	\$2,000	X	0	=	\$0	\$0
High Level Bridge	\$0	X	0	+	\$0	X	0	=	\$0	\$0
IQI, Inc. (Interserv)		X	0	+		X	0	=	\$0	\$0
J & C Enterprises	\$5,000.00	X	0	+	\$5,000.00	X	0	=	\$0	\$0
J. Harper Building		X	0	+		X	0	=	\$0	\$0
Jacob Prickett, Jr. Log House	\$0	X	0	+	\$0	X	0	=	\$0	\$0
Jacobs Building		X	0	+		X	0	=	\$0	\$0
Jacobs-Hutchinson Block	\$0	X	0	+	\$0	X	0	=	\$0	\$0
Jayenne ES	\$2,900	X	0	+	\$2,900	X	0	=	\$0	\$0
Kennedy Plumbing & Heating	\$1,600	X	0	+	\$1,600	X	0	=	\$0	\$0
Kisner, Sm & Sons	\$3,000	X	0	+	\$3,000	X	0	=	\$0	\$0
Kvaerner Pulping, Inc.		X	0	+		X	0	=	\$0	\$0
Manchin Clinic	\$9,900	X	0	+	\$9,900	X	0	=	\$0	\$0
Mannington Historic District		X	0	+		X	0	=	\$0	\$0

Mannington Library	\$1,100	X	0	+	\$1,100	X	0	=	\$0	\$0
Mannington MS	\$5,800	X	0	+	\$5,800	X	0	=	\$0	\$0
Mannington VFD	\$300	X	0	+	\$300	X	0	=	\$0	\$0
Marion Co. BOE		X	0	+		X	0	=	\$0	\$0
Marion Co. Technical Center	\$500	X	0	+	\$500	X	0	=	\$0	\$0
Marion County Courthouse	\$68,500	X	0	+	\$68,500	X	0	=	\$0	\$0
Marion County Library	\$1,096	X	0	+	\$1,096	X	0	=	\$0	\$0
Mary Lou Reton Park Facilities		X	0	+		X	0	=	\$0	\$0
Miller Jr. HS	\$5,400	X	0	+	\$5,400	X	0	=	\$0	\$0
Mining Dynamics, Inc.	\$500.00	X	0	+	\$500.00	X	0	=	\$0	\$0
Monongah ES	\$5,000	X	0	+	\$5,000	X	0	=	\$0	\$0
Monongah MS	\$4,200	X	0	+	\$4,200	X	0	=	\$0	\$0
Monongah VFD	\$700	X	0	+	\$700	X	0	=	\$0	\$0
Mont Levine, Inc.	\$10,000	X	0	+	\$10,000	X	0	=	\$0	\$0
North Marion HS	\$13,500	X	0	+	\$13,500	X	0	=	\$0	\$0
Pleasant Valley ES	\$4,100	X	0	+	\$4,100	X	0	=	\$0	\$0
Presort Plus, Inc.	\$8,000.00	X	0	+	\$8,000.00	X	0	=	\$0	\$0
Prickett Bay Boat Launching	\$0	X	0	+	\$0	X	0	=	\$0	\$0
Railroads	\$0	X	0	+	\$0	X	0	=	\$0	\$0
Reiss Viking	\$15,000	X	0	+	\$15,000	X	0	=	\$0	\$0
Residences			0				0			\$10,334,110
Rivesville Elementary/ Middle School	\$4,300	X	0	+	\$4,300	X	0	=	\$0	\$0
Rivesville VFD	\$300	X	0	+	\$300	X	0	=	\$0	\$0
Roads	\$0	X	0	+	\$0	X	0	=	\$0	\$0
Ruskin Co.		X	0	+		X	0	=	\$0	\$0
Ruth Ann Musick Library	\$0	X	0	+	\$0	X	0	=	\$0	\$0
Schultz Machine Co., Inc.	\$15,000	X	0	+	\$15,000	X	0	=	\$0	\$0
Shaw House	\$0	X	0	+	\$0	X	0	=	\$0	\$0
Sheriff's Residence	\$200	X	0	+	\$200	X	0	=	\$0	\$0



**Hazard: Thunderstorm/Lightning**

Name/Description of Asset	Structure Loss					Contents Loss				
	Structure Replacement Value (\$)	X	Percent Damage (%)	=	Loss to Structure (\$)	Replacement Value of Contents (\$)	X	Percent Damage (%)	=	Loss to Contents (\$)
Allegheny Energy Service Corp.		X	0.50%	=	\$0		X	0%	=	\$0
American Fiber Resources	\$5,000,000	X	0.50%	=	\$25,000	\$145,000,000	X	0%	=	\$0
American Fiber Resources, LLC	\$20,000,000	X	0.50%	=	\$100,000	\$320,000,000	X	0%	=	\$0
ANSER	\$120,000	X	0.50%	=	\$600	\$1,000,000	X	0%	=	\$0
Apostolic Christian Temple School	\$55,000	X	0.50%	=	\$275	\$80,000	X	0%	=	\$0
Barnes ES	\$3,836,196	X	0.50%	=	\$19,181	\$3,836,196	X	0%	=	\$0
Barrackville Elementary/ Middle School	\$3,991,533	X	0.50%	=	\$19,958	\$3,991,533	X	0%	=	\$0
Barrackville Covered Bridge	\$150,000	X	0.50%	=	\$750	\$150,000	X	0%	=	\$0
Barrackville VFD	\$200,000	X	0.50%	=	\$1,000	\$1,000,000	X	0%	=	\$0
Baxter VFD	\$150,000	X	0.50%	=	\$750	\$1,000,000	X	0%	=	\$0
Bituminous Power Partners	\$1,000,000	X	0.50%	=	\$5,000	\$1,000,000	X	0%	=	\$0
Blackshere ES	\$4,040,400	X	0.50%	=	\$20,202	\$4,040,400	X	0%	=	\$0
Boothsville VFD	\$150,000	X	0.50%	=	\$750	\$1,000,000	X	0%	=	\$0
Boylen Timber Co	\$75,000	X	0.50%	=	\$375	\$160,000	X	0%	=	\$0
Bridges			0.50%							
Bunners Ridge VFD	\$150,000	X	0.50%	=	\$750	\$1,000,000	X	0%	=	\$0
CAM Concepts, Inc.	\$200,000	X	0.50%	=	\$1,000	\$500,000	X	0%	=	\$0
Central Communications	\$140,760	X	0.50%	=	\$704	\$140,760	X	0%	=	
Charles E. Haislip M.D., Inc.	\$1,500,000	X	0.50%	=	\$7,500	\$200,000	X	0%	=	\$0
Chem-Ray	\$207,000	X	0.50%	=	\$1,035	\$800,000	X	0%	=	\$0
CNC Industries, Inc.	\$607,200	X	0.50%	=	\$3,036	\$1,000,000	X	0%	=	\$0

Colonial Apartments		X	0.50%	=	\$0		X	0%	=	\$0
Concord Press	\$60,000	X	0.50%	=	\$300	\$500,000	X	0%	=	\$0
Consol Energy		X	0.50%	=	\$0		X	0%	=	\$0
County Jail	\$2,083,200	X	0.50%	=	\$10,416	\$2,083,200	X	0%	=	\$0
Dominion Hope		X	0.50%	=	\$0		X	0%	=	\$0
Dunbar MS	\$3,711,162	X	0.50%	=	\$18,556	\$3,711,162	X	0%	=	\$0
East Dale ES	\$3,120,936	X	0.50%	=	\$15,605	\$3,120,936	X	0%	=	\$0
East Fairmont HS	\$7,176,624	X	0.50%	=	\$35,883	\$7,176,624	X	0%	=	\$0
East Fairmont Jr. HS	\$16,835,000	X	0.50%	=	\$84,175	\$16,835,000	X	0%	=	\$0
East Marion Park Facilities	\$1,427,712.00	X	0.50%	=	\$7,139	\$1,427,712	X	0%	=	\$0
East Park ES	\$4,538,079	X	0.50%	=	\$22,690	\$4,538,079	X	0%	=	\$0
Eastern Associated Coal Corp.		X	0.50%	=	\$0		X	0%	=	\$0
Edwin Morris	\$400,000	X	0.50%	=	\$2,000	\$150,000	X	0%	=	\$0
Equitable Gas Co. (Curtisville)	\$1,000,000	X	0.50%	=	\$5,000	\$2,500,000	X	0%	=	\$0
Fairmont Catholic Elementary	\$2,490,000	X	0.50%	=	\$12,450	\$510,000	X	0%	=	\$0
Fairmont City Hall	\$1,000,000	X	0.50%	=	\$5,000	\$500,000	X	0%	=	\$0
Fairmont Downtown Historic District		X	0.50%	=	\$0		X	0%	=	\$0
Fairmont Fire Dept.	\$5,500,000	X	0.50%	=	\$27,500	\$1,900,000	X	0%	=	\$0
Fairmont General Hospital	\$100,000,000	X	0.50%	=	\$500,000	\$200,000,000	X	0%	=	\$0
Fairmont Lumber & Construction	\$134,000	X	0.50%	=	\$670	\$25,000	X	0%	=	\$0
Fairmont Municipal Airport		X	0.50%	=	\$0		X	0%	=	\$0
Fairmont Normal School Administration Building	\$7,945,000	X	0.50%	=	\$39,725	\$632,000	X	0%	=	\$0
Fairmont Printing	\$70,000	X	0.50%	=	\$350	\$3,000,000	X	0%	=	\$0
Fairmont Rubber Products	\$8,280,000	X	0.50%	=	\$41,400	\$2,000,000	X	0%	=	\$0
Fairmont Shop & Save		X	0.50%	=	\$0		X	0%	=	\$0

Fairmont Specialty Services	\$16,896,000	X	0.50%	=	\$84,480	\$14,500,000	X	0%	=	\$0
Fairmont Sr. HS	\$8,689,954	X	0.50%	=	\$43,450	\$8,689,954	X	0%	=	\$0
Fairmont State College	\$71,100,408	X	0.50%	=	\$355,502	\$30,471,603	X	0%	=	\$0
Fairmont Tool, Inc.	\$345,000	X	0.50%	=	\$1,725	\$10,000,000	X	0%	=	\$0
Fairview ES	\$2,006,550	X	0.50%	=	\$10,033	\$2,006,550	X	0%	=	\$0
Fairview MS	\$4,389,749	X	0.50%	=	\$21,949	\$4,389,749	X	0%	=	\$0
Fairview Public Library	\$400,000	X	0.50%	=	\$2,000	\$1,000,000	X	0%	=	\$0
Fairview VFD	\$500,000	X	0.00%	=	\$0	\$570,000	X	0%	=	\$0
Farmington VFD	\$200,000	X	0.50%	=	\$1,000	\$500,000	X	0%	=	\$0
Fibernet	\$90,000	X	0.50%	=	\$450	\$25,000	X	0%	=	\$0
Gate Multimedia	\$125,000	X	0.50%	=	\$625	\$50,000	X	0%	=	\$0
Gompu-Press	\$80,000	X	0.50%	=	\$400	\$20,000	X	0%	=	\$0
Grant Town VFD	\$200,000	X	0.50%	=	\$1,000	\$500,000	X	0%	=	\$0
Hamilton Round Barn	\$250,000	X	0.50%	=	\$1,250	\$15,000	X	0%	=	\$0
Harry's Laminated Products	\$279,450	X	0.50%	=	\$1,397	\$35,000	X	0%	=	\$0
Hendershot Plumbing & Heating	\$150,000	X	0.50%	=	\$750	\$12,000	X	0%	=	\$0
Higgins & Sons, Inc.	\$30,000.00	X	0.50%	=	\$150	\$15,000	X	0%	=	\$0
High Level Bridge	\$13,000,000	X	0.50%	=	\$65,000	\$13,000,000	X	0%	=	\$0
IQI, Inc. (Interserv)		X	0.50%	=	\$0		X	0%	=	\$0
J & C Enterprises	\$1,408,000	X	0.50%	=	\$7,040	\$175,000	X	0%	=	\$0
J. Harper Building	\$3,843,168	X	0.50%	=	\$19,216	\$3,843,168	X	0%	=	\$0
Jacob Prickett, Jr. Log House		X	0.50%	=	\$0		X	0%	=	\$0
Jacobs Building	\$2,719,500	X	0.50%	=	\$13,598	\$2,719,500	X	0%	=	\$0
Jacobs-Hutchinson Block		X	0.50%	=	\$0		X	0%	=	\$0
Jayenne ES	\$1,924,013	X	0.50%	=	\$9,620	\$1,924,013	X	0%	=	\$0
Kennedy Plumbing & Heating	\$217,500	X	0.50%	=	\$1,088	\$125,000	X	0%	=	\$0
Kisner, Sm & Sons	\$1,559,400	X	0.50%	=	\$7,797	\$100,000	X	0%	=	\$0
Kvaerner Pulping, Inc.		X	0.50%	=	\$0		X	0%	=	\$0
Manchin Clinic	\$2,200,000	X	0.50%	=	\$11,000	\$350,000	X	0%	=	\$0
Mannington Historic District		X	0.50%	=	\$0		X	0%	=	\$0

Mannington Library	\$75,000	X	0.50%	=	\$375	\$1,000,000	X	0%	=	\$0
Mannington MS	\$9,758,203	X	0.50%	=	\$48,791	\$9,758,203	X	0%	=	\$0
Mannington VFD	\$200,000	X	0.50%	=	\$1,000	\$450,000	X	0%	=	\$0
Marion Co. BOE		X	0.50%	=	\$0		X	0%	=	\$0
Marion Co. Technical Center	\$18,011,175	X	0.50%	=	\$90,056	\$18,011,175	X	0%	=	\$0
Marion County Courthouse	\$10,000,000	X	0.50%	=	\$50,000	\$1,500,000	X	0%	=	\$0
Marion County Library	\$1,452,000	X	0.50%	=	\$7,260	\$1,452,000	X	0%	=	\$0
Mary Lou Reton Park Facilities	\$413,600	X	0.50%	=	\$2,068	\$413,600	X	0%	=	\$0
Miller Jr. HS	\$5,925,465	X	0.50%	=	\$29,627	\$5,925,465	X	0%	=	\$0
Mining Dynamics, Inc.	\$110,000	X	0.50%	=	\$550	\$75,000	X	0%	=	\$0
Monongah ES	\$2,733,185	X	0.50%	=	\$13,666	\$2,733,185	X	0%	=	\$0
Monongah MS	\$3,557,372	X	0.50%	=	\$17,787	\$3,557,372	X	0%	=	\$0
Monongah VFD	\$600,000	X	0.50%	=	\$3,000	\$750,000	X	0%	=	\$0
Mont Levine, Inc.	\$400,000	X	0.50%	=	\$2,000	\$200,000	X	0%	=	\$0
North Marion HS	\$21,862,750	X	0.50%	=	\$109,314	\$21,862,750	X	0%	=	\$0
Pleasant Valley ES	\$2,505,048	X	0.50%	=	\$12,525	\$2,505,048	X	0%	=	\$0
Presort Plus, Inc.	\$80,000	X	0.50%	=	\$400	\$700,000	X	0%	=	\$0
Prickett Bay Boat Launching	\$75,000	X	0.50%	=	\$375	\$75,000	X	0%	=	\$0
Railroads	\$25,156,903	X	0.50%	=	\$125,785	\$25,156,903	X	0%	=	\$0
Reiss Viking	\$3,000,000	X	0.50%	=	\$15,000	\$8,000,000	X	0%	=	\$0
Residences	#####	X	0.50%	=	\$5,167,055			0%		
Rivesville Elementary/ Middle School	\$3,610,334	X	0.50%	=	\$18,052	\$3,610,334	X	0%	=	\$0
Rivesville VFD	\$150,000	X	0.50%	=	\$750	\$1,000,000	X	0%	=	\$0
Roads	\$29,744,100	X	0.50%	=	\$148,721		X	0%	=	\$0
Ruskin Co.		X	0.50%	=	\$0		X	0%	=	\$0
Ruth Ann Musick Library	\$5,633,193	X	0.50%	=	\$28,166	\$2,414,255	X	0%	=	\$0
Schultz Machine Co., Inc.	\$800,000	X	0.50%	=	\$4,000	\$1,250,000	X	0%	=	\$0
Shaw House		X	0.50%	=	\$0		X	0%	=	\$0
Sheriff's Residence	\$65,000	X	0.50%	=	\$325	\$20,000	X	0%	=	\$0

Sign & More in 24	\$255,200	X	0.50%	=	\$1,276	\$200,000	X	0%	=	\$0
Steppingstone	\$792,000	X	0.50%	=	\$3,960	\$792,000	X	0%	=	\$0
Stickley, CW, Inc.		X	0.50%	=	\$0		X	0%	=	\$0
Temp Corp., Inc.	\$320,000	X	0.50%	=	\$1,600	\$500,000	X	0%	=	\$0
TMC Technologies, he.	\$531,300	X	0.50%	=	\$2,657	\$300,000	X	0%	=	\$0
Valley National Gasses Inc.		X	0.50%	=	\$0		X	0%	=	\$0
Valley VFD	\$200,000	X	0.50%	=	\$1,000	\$500,000	X	0%	=	\$0
Wastewater Treatment Plant	\$10,000,000	X	0.50%	=	\$50,000	\$10,000,000	X	0%	=	\$0
Water Treatment Plant	\$10,000,000	X	0.50%	=	\$50,000	\$10,000,000	X	0%	=	\$0
Wat-Mart	\$6,231,000	X	0.50%	=	\$31,155	\$5,000,000	X	0%	=	\$0
Watson ES	\$3,127,579	X	0.50%	=	\$15,638	\$3,127,579	X	0%	=	\$0
White Hall ES	\$2,060,149	X	0.50%	=	\$10,301	\$2,060,149	X	0%	=	\$0
Wilcox Rubber Stamps	\$70,000	X	0.50%	=	\$350	\$30,000	X	0%	=	\$0
Winfield Dist. VFD	\$500,000	X	0.50%	=	\$2,500	\$570,000	X	0%	=	\$0
Winner's Choice	\$660,000	X	0.50%	=	\$3,300	\$750,000	X	0%	=	\$0
Wishing Well Health Center		X	0.50%	=	\$0		X	0%	=	\$0
Worthington VFD	\$300,000	X	0.50%	=	\$1,500	\$1,000,000	X	0%	=	\$0
Worthington Park	\$8,800	X	0.50%	=	\$44	\$8,800	X	0%	=	\$0
					\$7,769,169					\$0

**Hazard: Thunderstorm/Lightning**

Name/Description of Asset	Structure Use and Function Loss									Structure + Contents + Function Loss
	Average Daily Operating Budget (\$)	X	Functional Downtime (# of days)	+	Displacement Cost per Day (\$)	X	Displacement Time (Days)	=	Structure Use & Function Loss (\$)	
Allegheny Energy Service Corp.	\$0	X	0	+		X	0	=	\$0	\$0
American Fiber Resources	\$137,000	X	0	+	\$137,000	X	0	=	\$0	\$25,000
American Fiber Resources, LLC	\$100,000.00	X	0	+	\$100,000.00	X	0	=	\$0	\$100,000
ANSER	\$189,000	X	0	+	\$189,000	X	0	=	\$0	\$600
Apostolic Christian Temple School	\$400	X	0	+	\$400	X	0	=	\$0	\$275
Barnes ES	\$2,000	X	0	+	\$2,000	X	0	=	\$0	\$19,181
Barrackville Elementary/ Middle School	\$5,600	X	0	+	\$5,600	X	0	=	\$0	\$19,958
Barrackville Covered Bridge	\$0	X	0	+	\$0	X	0	=	\$0	\$750
Barrackville VFD	\$300	X	0	+	\$300	X	0	=	\$0	\$1,000
Baxter VFD	\$300	X	0	+	\$300	X	0	=	\$0	\$750
Bituminous Power Partners	\$79,500	X	0	+	\$79,500	X	0	=	\$0	\$5,000
Blackshere ES	\$7,000	X	0	+	\$7,000	X	0	=	\$0	\$20,202
Boothsville VFD	\$300	X	0	+	\$300	X	0	=	\$0	\$750
Boylen Timber Co	\$3,500.00	X	0	+	\$3,500.00	X	0	=	\$0	\$375
Bridges			0							\$0
Bunners Ridge VFD	\$300	X	0	+	\$300	X	0	=	\$0	\$750
CAM Concepts, Inc.	\$1,000	X	0	+	\$1,000	X	0	=	\$0	\$1,000
Central Communications		X	0	+		X	0	=	\$0	\$704
Charles E. Haislip M.D., Inc.	\$2,100	X	0	+	\$2,100	X	0	=	\$0	\$7,500
Chem-Ray	\$10,000.00	X	0	+	\$10,000.00	X	0	=	\$0	\$1,035
CNC Industries, Inc.	\$5,000.00	X	0	+	\$5,000.00	X	0	=	\$0	\$3,036

Colonial Apartments		X	0	+		X	0	=	\$0	\$0
Concord Press	\$2,000	X	0	+	\$2,000	X	0	=	\$0	\$300
Consol Energy		X	0	+		X	0	=	\$0	\$0
County Jail		X	0	+		X	0	=	\$0	\$10,416
Dominion Hope		X	0	+		X	0	=	\$0	\$0
Dunbar MS	\$5,200	X	0	+	\$5,200	X	0	=	\$0	\$18,556
East Dale ES	\$8,500	X	0	+	\$8,500	X	0	=	\$0	\$15,605
East Fairmont HS	\$12,900	X	0	+	\$12,900	X	0	=	\$0	\$35,883
East Fairmont Jr. HS	\$5,900	X	0	+	\$5,900	X	0	=	\$0	\$84,175
East Marion Park Facilities		X	0	+		X	0	=	\$0	\$7,139
East Park ES	\$6,700	X	0	+	\$6,700	X	0	=	\$0	\$22,690
Eastern Associated Coal Corp.		X	0	+		X	0	=	\$0	\$0
Edwin Morris	\$1,800	X	0	+	\$1,800	X	0	=	\$0	\$2,000
Equitable Gas Co. (Curtisville)	\$0	X	0	+	\$0	X	0	=	\$0	\$5,000
Fairmont Catholic Elementary	\$0	X	0	+	\$0	X	0	=	\$0	\$12,450
Fairmont City Hall	\$21,900	X	0	+	\$21,900	X	0	=	\$0	\$5,000
Fairmont Downtown Historic District		X	0	+		X	0	=	\$0	\$0
Fairmont Fire Dept.	\$6,800	X	0	+	\$6,800	X	0	=	\$0	\$27,500
Fairmont General Hospital	\$214,400	X	0	+	\$214,400	X	0	=	\$0	\$500,000
Fairmont Lumber & Construction	\$1,000	X	0	+	\$1,000	X	0	=	\$0	\$670
Fairmont Municipal Airport	\$0	X	0	+	\$0	X	0	=	\$0	\$0
Fairmont Normal School Administration Building	\$54,800	X	0	+	\$54,800	X	0	=	\$0	\$39,725
Fairmont Printing	\$5,000	X	0	+	\$5,000	X	0	=	\$0	\$350
Fairmont Rubber Products	\$30,000	X	0	+	\$30,000	X	0	=	\$0	\$41,400
Fairmont Shop & Save		X	0	+		X	0	=	\$0	\$0

Fairmont Specialty Services	\$50,000.00	X	0	+	\$50,000.00	X	0	=	\$0	\$84,480
Fairmont Sr. HS	\$12,900	X	0	+	\$12,900	X	0	=	\$0	\$43,450
Fairmont State College	\$55,900	X	0	+	\$55,900	X	0	=	\$0	\$355,502
Fairmont Tool, Inc.	\$10,000	X	0	+	\$10,000	X	0	=	\$0	\$1,725
Fairview ES	\$2,800	X	0	+	\$2,800	X	0	=	\$0	\$10,033
Fairview MS	\$2,700	X	0	+	\$2,700	X	0	=	\$0	\$21,949
Fairview Public Library	\$1,100	X	0	+	\$1,100	X	0	=	\$0	\$2,000
Fairview VFD	\$700	X	0	+	\$700	X	0	=	\$0	\$0
Farmington VFD	\$300	X	0	+	\$300	X	0	=	\$0	\$1,000
Fibernet	\$800	X	0	+	\$800	X	0	=	\$0	\$450
Gate Multimedia	\$0	X	0	+	\$0	X	0	=	\$0	\$625
Gompu-Press	\$300	X	0	+	\$300	X	0	=	\$0	\$400
Grant Town VFD	\$300	X	0	+	\$300	X	0	=	\$0	\$1,000
Hamilton Round Barn	\$0	X	0	+	\$0	X	0	=	\$0	\$1,250
Harry's Laminated Products	\$600	X	0	+	\$600	X	0	=	\$0	\$1,397
Hendershot Plumbing & Heating	\$2,100	X	0	+	\$2,100	X	0	=	\$0	\$750
Higgins & Sons, Inc.	\$2,000	X	0	+	\$2,000	X	0	=	\$0	\$150
High Level Bridge	\$0	X	0	+	\$0	X	0	=	\$0	\$65,000
IQI, Inc. (Interserv)		X	0	+		X	0	=	\$0	\$0
J & C Enterprises	\$5,000.00	X	0	+	\$5,000.00	X	0	=	\$0	\$7,040
J. Harper Building		X	0	+		X	0	=	\$0	\$19,216
Jacob Prickett, Jr. Log House	\$0	X	0	+	\$0	X	0	=	\$0	\$0
Jacobs Building		X	0	+		X	0	=	\$0	\$13,598
Jacobs-Hutchinson Block	\$0	X	0	+	\$0	X	0	=	\$0	\$0
Jayenne ES	\$2,900	X	0	+	\$2,900	X	0	=	\$0	\$9,620
Kennedy Plumbing & Heating	\$1,600	X	0	+	\$1,600	X	0	=	\$0	\$1,088
Kisner, Sm & Sons	\$3,000	X	0	+	\$3,000	X	0	=	\$0	\$7,797
Kvaerner Pulping, Inc.		X	0	+		X	0	=	\$0	\$0
Manchin Clinic	\$9,900	X	0	+	\$9,900	X	0	=	\$0	\$11,000
Mannington Historic District		X	0	+		X	0	=	\$0	\$0

Mannington Library	\$1,100	X	0	+	\$1,100	X	0	=	\$0	\$375
Mannington MS	\$5,800	X	0	+	\$5,800	X	0	=	\$0	\$48,791
Mannington VFD	\$300	X	0	+	\$300	X	0	=	\$0	\$1,000
Marion Co. BOE		X	0	+		X	0	=	\$0	\$0
Marion Co. Technical Center	\$500	X	0	+	\$500	X	0	=	\$0	\$90,056
Marion County Courthouse	\$68,500	X	0	+	\$68,500	X	0	=	\$0	\$50,000
Marion County Library	\$1,096	X	0	+	\$1,096	X	0	=	\$0	\$7,260
Mary Lou Reton Park Facilities		X	0	+		X	0	=	\$0	\$2,068
Miller Jr. HS	\$5,400	X	0	+	\$5,400	X	0	=	\$0	\$29,627
Mining Dynamics, Inc.	\$500.00	X	0	+	\$500.00	X	0	=	\$0	\$550
Monongah ES	\$5,000	X	0	+	\$5,000	X	0	=	\$0	\$13,666
Monongah MS	\$4,200	X	0	+	\$4,200	X	0	=	\$0	\$17,787
Monongah VFD	\$700	X	0	+	\$700	X	0	=	\$0	\$3,000
Mont Levine, Inc.	\$10,000	X	0	+	\$10,000	X	0	=	\$0	\$2,000
North Marion HS	\$13,500	X	0	+	\$13,500	X	0	=	\$0	\$109,314
Pleasant Valley ES	\$4,100	X	0	+	\$4,100	X	0	=	\$0	\$12,525
Presort Plus, Inc.	\$8,000.00	X	0	+	\$8,000.00	X	0	=	\$0	\$400
Prickett Bay Boat Launching	\$0	X	0	+	\$0	X	0	=	\$0	\$375
Railroads	\$0	X	0	+	\$0	X	0	=	\$0	\$125,785
Reiss Viking	\$15,000	X	0	+	\$15,000	X	0	=	\$0	\$15,000
Residences			0				0			\$5,167,055
Rivesville Elementary/ Middle School	\$4,300	X	0	+	\$4,300	X	0	=	\$0	\$18,052
Rivesville VFD	\$300	X	0	+	\$300	X	0	=	\$0	\$750
Roads	\$0	X	0	+	\$0	X	0	=	\$0	\$148,721
Ruskin Co.		X	0	+		X	0	=	\$0	\$0
Ruth Ann Musick Library	\$0	X	0	+	\$0	X	0	=	\$0	\$28,166
Schultz Machine Co., Inc.	\$15,000	X	0	+	\$15,000	X	0	=	\$0	\$4,000
Shaw House	\$0	X	0	+	\$0	X	0	=	\$0	\$0
Sheriff's Residence	\$200	X	0	+	\$200	X	0	=	\$0	\$325

Sign & More in 24	\$200.00	X	0	+	\$200.00	X	0	=	\$0	\$1,276
Steppingstone		X	0	+		X	0	=	\$0	\$3,960
Stickley, CW, Inc.		X	0	+		X	0	=	\$0	\$0
Temp Corp., Inc.	\$1,600	X	0	+	\$1,600	X	0	=	\$0	\$1,600
TMC Technologies, he.	\$0	X	0	+	\$0	X	0	=	\$0	\$2,657
Valley National Gasses Inc.		X	0	+		X	0	=	\$0	\$0
Valley VFD	\$300	X	0	+	\$300	X	0	=	\$0	\$1,000
Wastewater Treatment Plant	\$100,000	X	0	+	\$100,000	X	0	=	\$0	\$50,000
Water Treatment Plant	\$200,000	X	0	+	\$200,000	X	0	=	\$0	\$50,000
Wat-Mart	\$126,000	X	0	+	\$126,000	X	0	=	\$0	\$31,155
Watson ES	\$5,300	X	0	+	\$5,300	X	0	=	\$0	\$15,638
White Hall ES	\$2,700	X	0	+	\$2,700	X	0	=	\$0	\$10,301
Wilcox Rubber Stamps	\$100	X	0	+	\$100	X	0	=	\$0	\$350
Winfield Dist. VFD	\$700	X	0	+	\$700	X	0	=	\$0	\$2,500
Winner's Choice	\$5,000	X	0	+	\$5,000	X	0	=	\$0	\$3,300
Wishing Well Health Center		X	0	+		X	0	=	\$0	\$0
Worthington VFD	\$400	X	0	+	\$400	X	0	=	\$0	\$1,500
Worthington Park		X	0	+		X	0	=	\$0	\$44
									\$0	\$7,769,169

**Hazard: Land Subsidence**

Name/Description of Asset	Structure Loss					Contents Loss				
	Structure Replacement Value (\$)	X	Percent Damage (%)	=	Loss to Structure (\$)	Replacement Value of Contents (\$)	X	Percent Damage (%)	=	Loss to Contents (\$)
Allegheny Energy Service Corp.		X	3.00%	=	\$0		X	1%	=	\$0
American Fiber Resources	\$5,000,000	X	3.00%	=	\$150,000	\$145,000,000	X	1%	=	\$1,450,000
American Fiber Resources, LLC	\$20,000,000	X	3.00%	=	\$600,000	\$320,000,000	X	1%	=	\$3,200,000
ANSER	\$120,000	X	3.00%	=	\$3,600	\$1,000,000	X	1%	=	\$10,000
Apostolic Christian Temple School	\$55,000	X	3.00%	=	\$1,650	\$80,000	X	1%	=	\$800
Barnes ES	\$3,836,196	X	3.00%	=	\$115,086	\$3,836,196	X	1%	=	\$38,362
Barrackville Elementary/ Middle School	\$3,991,533	X	3.00%	=	\$119,746	\$3,991,533	X	1%	=	\$39,915
Barrackville Covered Bridge	\$150,000	X	3.00%	=	\$4,500	\$150,000	X	1%	=	\$1,500
Barrackville VFD	\$200,000	X	3.00%	=	\$6,000	\$1,000,000	X	1%	=	\$10,000
Baxter VFD	\$150,000	X	3.00%	=	\$4,500	\$1,000,000	X	1%	=	\$10,000
Bituminous Power Partners	\$1,000,000	X	3.00%	=	\$30,000	\$1,000,000	X	1%	=	\$10,000
Blackshere ES	\$4,040,400	X	3.00%	=	\$121,212	\$4,040,400	X	1%	=	\$40,404
Boothsville VFD	\$150,000	X	3.00%	=	\$4,500	\$1,000,000	X	1%	=	\$10,000
Boylen Timber Co	\$75,000	X	3.00%	=	\$2,250	\$160,000	X	1%	=	\$1,600
Bridges			3.00%					1%		
Bunners Ridge VFD	\$150,000	X	3.00%	=	\$4,500	\$1,000,000	X	1%	=	\$10,000
CAM Concepts, Inc.	\$200,000	X	3.00%	=	\$6,000	\$500,000	X	1%	=	\$5,000
Central Communications	\$140,760	X	3.00%	=	\$4,223	\$140,760	X	1%	=	
Charles E. Haislip M.D., Inc.	\$1,500,000	X	3.00%	=	\$45,000	\$200,000	X	1%	=	\$2,000
Chem-Ray	\$207,000	X	3.00%	=	\$6,210	\$800,000	X	1%	=	\$8,000
CNC Industries, Inc.	\$607,200	X	3.00%	=	\$18,216	\$1,000,000	X	1%	=	\$10,000

Colonial Apartments		X	3.00%	=	\$0		X	1%	=	\$0
Concord Press	\$60,000	X	3.00%	=	\$1,800	\$500,000	X	1%	=	\$5,000
Consol Energy		X	3.00%	=	\$0		X	1%	=	\$0
County Jail	\$2,083,200	X	3.00%	=	\$62,496	\$2,083,200	X	1%	=	\$20,832
Dominion Hope		X	3.00%	=	\$0		X	1%	=	\$0
Dunbar MS	\$3,711,162	X	3.00%	=	\$111,335	\$3,711,162	X	1%	=	\$37,112
East Dale ES	\$3,120,936	X	3.00%	=	\$93,628	\$3,120,936	X	1%	=	\$31,209
East Fairmont HS	\$7,176,624	X	3.00%	=	\$215,299	\$7,176,624	X	1%	=	\$71,766
East Fairmont Jr. HS	\$16,835,000	X	3.00%	=	\$505,050	\$16,835,000	X	1%	=	\$168,350
East Marion Park Facilities	\$1,427,712.00	X	3.00%	=	\$42,831	\$1,427,712	X	1%	=	\$14,277
East Park ES	\$4,538,079	X	3.00%	=	\$136,142	\$4,538,079	X	1%	=	\$45,381
Eastern Associated Coal Corp.		X	3.00%	=	\$0		X	1%	=	\$0
Edwin Morris	\$400,000	X	3.00%	=	\$12,000	\$150,000	X	1%	=	\$1,500
Equitable Gas Co. (Curtisville)	\$1,000,000	X	3.00%	=	\$30,000	\$2,500,000	X	1%	=	\$25,000
Fairmont Catholic Elementary	\$2,490,000	X	3.00%	=	\$74,700	\$510,000	X	1%	=	\$5,100
Fairmont City Hall	\$1,000,000	X	3.00%	=	\$30,000	\$500,000	X	1%	=	\$5,000
Fairmont Downtown Historic District		X	3.00%	=	\$0		X	1%	=	\$0
Fairmont Fire Dept.	\$5,500,000	X	3.00%	=	\$165,000	\$1,900,000	X	1%	=	\$19,000
Fairmont General Hospital	\$100,000,000	X	3.00%	=	\$3,000,000	\$200,000,000	X	1%	=	\$2,000,000
Fairmont Lumber & Construction	\$134,000	X	3.00%	=	\$4,020	\$25,000	X	1%	=	\$250
Fairmont Municipal Airport		X	3.00%	=	\$0		X	1%	=	\$0
Fairmont Normal School Administration Building	\$7,945,000	X	3.00%	=	\$238,350	\$632,000	X	1%	=	\$6,320
Fairmont Printing	\$70,000	X	3.00%	=	\$2,100	\$3,000,000	X	1%	=	\$30,000
Fairmont Rubber Products	\$8,280,000	X	3.00%	=	\$248,400	\$2,000,000	X	1%	=	\$20,000
Fairmont Shop & Save		X	3.00%	=	\$0		X	1%	=	\$0

Fairmont Specialty Services	\$16,896,000	X	3.00%	=	\$506,880	\$14,500,000	X	1%	=	\$145,000
Fairmont Sr. HS	\$8,689,954	X	3.00%	=	\$260,699	\$8,689,954	X	1%	=	\$86,900
Fairmont State College	\$71,100,408	X	3.00%	=	\$2,133,012	\$30,471,603	X	1%	=	\$304,716
Fairmont Tool, Inc.	\$345,000	X	3.00%	=	\$10,350	\$10,000,000	X	1%	=	\$100,000
Fairview ES	\$2,006,550	X	3.00%	=	\$60,197	\$2,006,550	X	1%	=	\$20,066
Fairview MS	\$4,389,749	X	3.00%	=	\$131,692	\$4,389,749	X	1%	=	\$43,897
Fairview Public Library	\$400,000	X	3.00%	=	\$12,000	\$1,000,000	X	1%	=	\$10,000
Fairview VFD	\$500,000	X	3.00%	=	\$15,000	\$570,000	X	1%	=	\$5,700
Farmington VFD	\$200,000	X	3.00%	=	\$6,000	\$500,000	X	1%	=	\$5,000
Fibernet	\$90,000	X	3.00%	=	\$2,700	\$25,000	X	1%	=	\$250
Gate Multimedia	\$125,000	X	3.00%	=	\$3,750	\$50,000	X	1%	=	\$500
Gompu-Press	\$80,000	X	3.00%	=	\$2,400	\$20,000	X	1%	=	\$200
Grant Town VFD	\$200,000	X	3.00%	=	\$6,000	\$500,000	X	1%	=	\$5,000
Hamilton Round Barn	\$250,000	X	3.00%	=	\$7,500	\$15,000	X	1%	=	\$150
Harry's Laminated Products	\$279,450	X	3.00%	=	\$8,384	\$35,000	X	1%	=	\$350
Hendershot Plumbing & Heating	\$150,000	X	3.00%	=	\$4,500	\$12,000	X	1%	=	\$120
Higgins & Sons, Inc.	\$30,000.00	X	3.00%	=	\$900	\$15,000	X	1%	=	\$150
High Level Bridge	\$13,000,000	X	3.00%	=	\$390,000	\$13,000,000	X	1%	=	\$130,000
IQI, Inc. (Interserv)		X	3.00%	=	\$0		X	1%	=	\$0
J & C Enterprises	\$1,408,000	X	3.00%	=	\$42,240	\$175,000	X	1%	=	\$1,750
J. Harper Building	\$3,843,168	X	3.00%	=	\$115,295	\$3,843,168	X	1%	=	\$38,432
Jacob Prickett, Jr. Log House		X	3.00%	=	\$0		X	1%	=	\$0
Jacobs Building	\$2,719,500	X	3.00%	=	\$81,585	\$2,719,500	X	1%	=	\$27,195
Jacobs-Hutchinson Block		X	3.00%	=	\$0		X	1%	=	\$0
Jayenne ES	\$1,924,013	X	3.00%	=	\$57,720	\$1,924,013	X	1%	=	\$19,240
Kennedy Plumbing & Heating	\$217,500	X	3.00%	=	\$6,525	\$125,000	X	1%	=	\$1,250
Kisner, Sm & Sons	\$1,559,400	X	3.00%	=	\$46,782	\$100,000	X	1%	=	\$1,000
Kvaerner Pulping, Inc.		X	3.00%	=	\$0		X	1%	=	\$0
Manchin Clinic	\$2,200,000	X	3.00%	=	\$66,000	\$350,000	X	1%	=	\$3,500
Mannington Historic District		X	3.00%	=	\$0		X	1%	=	\$0

Mannington Library	\$75,000	X	3.00%	=	\$2,250	\$1,000,000	X	1%	=	\$10,000
Mannington MS	\$9,758,203	X	3.00%	=	\$292,746	\$9,758,203	X	1%	=	\$97,582
Mannington VFD	\$200,000	X	3.00%	=	\$6,000	\$450,000	X	1%	=	\$4,500
Marion Co. BOE		X	3.00%	=	\$0		X	1%	=	\$0
Marion Co. Technical Center	\$18,011,175	X	3.00%	=	\$540,335	\$18,011,175	X	1%	=	\$180,112
Marion County Courthouse	\$10,000,000	X	3.00%	=	\$300,000	\$1,500,000	X	1%	=	\$15,000
Marion County Library	\$1,452,000	X	3.00%	=	\$43,560	\$1,452,000	X	1%	=	\$14,520
Mary Lou Reton Park Facilities	\$413,600	X	3.00%	=	\$12,408	\$413,600	X	1%	=	\$4,136
Miller Jr. HS	\$5,925,465	X	3.00%	=	\$177,764	\$5,925,465	X	1%	=	\$59,255
Mining Dynamics, Inc.	\$110,000	X	3.00%	=	\$3,300	\$75,000	X	1%	=	\$750
Monongah ES	\$2,733,185	X	3.00%	=	\$81,996	\$2,733,185	X	1%	=	\$27,332
Monongah MS	\$3,557,372	X	3.00%	=	\$106,721	\$3,557,372	X	1%	=	\$35,574
Monongah VFD	\$600,000	X	3.00%	=	\$18,000	\$750,000	X	1%	=	\$7,500
Mont Levine, Inc.	\$400,000	X	3.00%	=	\$12,000	\$200,000	X	1%	=	\$2,000
North Marion HS	\$21,862,750	X	3.00%	=	\$655,883	\$21,862,750	X	1%	=	\$218,628
Pleasant Valley ES	\$2,505,048	X	3.00%	=	\$75,151	\$2,505,048	X	1%	=	\$25,050
Presort Plus, Inc.	\$80,000	X	3.00%	=	\$2,400	\$700,000	X	1%	=	\$7,000
Prickett Bay Boat Launching	\$75,000	X	3.00%	=	\$2,250	\$75,000	X	1%	=	\$750
Railroads	\$25,156,903	X	3.00%	=	\$754,707	\$25,156,903	X	1%	=	\$251,569
Reiss Viking	\$3,000,000	X	3.00%	=	\$90,000	\$8,000,000	X	1%	=	\$80,000
Residences	#####	X	3.00%	=	\$31,002,329			1%		
Rivesville Elementary/ Middle School	\$3,610,334	X	3.00%	=	\$108,310	\$3,610,334	X	1%	=	\$36,103
Rivesville VFD	\$150,000	X	3.00%	=	\$4,500	\$1,000,000	X	1%	=	\$10,000
Roads	\$29,744,100	X	3.00%	=	\$892,323		X	1%	=	\$0
Ruskin Co.		X	3.00%	=	\$0		X	1%	=	\$0
Ruth Ann Musick Library	\$5,633,193	X	3.00%	=	\$168,996	\$2,414,255	X	1%	=	\$24,143
Schultz Machine Co., Inc.	\$800,000	X	3.00%	=	\$24,000	\$1,250,000	X	1%	=	\$0
Shaw House		X	3.00%	=	\$0		X	1%	=	\$0
Sheriff's Residence	\$65,000	X	3.00%	=	\$1,950	\$20,000	X	1%	=	\$200

Sign & More in 24	\$255,200	X	3.00%	=	\$7,656	\$200,000	X	1%	=	\$2,000
Steppingstone	\$792,000	X	3.00%	=	\$23,760	\$792,000	X	1%	=	\$7,920
Stickley, CW, Inc.		X	3.00%	=	\$0		X	1%	=	\$0
Temp Corp., Inc.	\$320,000	X	3.00%	=	\$9,600	\$500,000	X	1%	=	\$5,000
TMC Technologies, he.	\$531,300	X	3.00%	=	\$15,939	\$300,000	X	1%	=	\$3,000
Valley National Gasses Inc.		X	3.00%	=	\$0		X	1%	=	\$0
Valley VFD	\$200,000	X	3.00%	=	\$6,000	\$500,000	X	1%	=	\$5,000
Wastewater Treatment Plant	\$10,000,000	X	3.00%	=	\$300,000	\$10,000,000	X	1%	=	\$100,000
Water Treatment Plant	\$10,000,000	X	3.00%	=	\$300,000	\$10,000,000	X	1%	=	\$100,000
Wat-Mart	\$6,231,000	X	3.00%	=	\$186,930	\$5,000,000	X	1%	=	\$50,000
Watson ES	\$3,127,579	X	3.00%	=	\$93,827	\$3,127,579	X	1%	=	\$31,276
White Hall ES	\$2,060,149	X	3.00%	=	\$61,804	\$2,060,149	X	1%	=	\$20,601
Wilcox Rubber Stamps	\$70,000	X	3.00%	=	\$2,100	\$30,000	X	1%	=	\$300
Winfield Dist. VFD	\$500,000	X	3.00%	=	\$15,000	\$570,000	X	1%	=	\$5,700
Winner's Choice	\$660,000	X	3.00%	=	\$19,800	\$750,000	X	1%	=	\$7,500
Wishing Well Health Center		X	3.00%	=	\$0		X	1%	=	\$0
Worthington VFD	\$300,000	X	3.00%	=	\$9,000	\$1,000,000	X	1%	=	\$10,000
Worthington Park	\$8,800	X	3.00%	=	\$264	\$8,800	X	1%	=	\$88
					\$46,630,014					\$9,774,132

**Hazard: Lane Subsidence**

Name/Description of Asset	Structure Use and Function Loss									Structure + Contents + Function Loss
	Average Daily Operating Budget (\$)	X	Functional Downtime (# of days)	+	Displacement Cost per Day (\$)	X	Displacement Time (Days)	=	Structure Use & Function Loss (\$)	
Allegheny Energy Service Corp.	\$0	X	1	+		X	0	=	\$0	\$0
American Fiber Resources	\$137,000	X	1	+	\$137,000	X	0	=	\$137,000	\$1,737,000
American Fiber Resources, LLC	\$100,000.00	X	1	+	\$100,000.00	X	0	=	\$100,000	\$3,900,000
ANSER	\$189,000	X	1	+	\$189,000	X	0	=	\$189,000	\$202,600
Apostolic Christian Temple School	\$400	X	1	+	\$400	X	0	=	\$400	\$2,850
Barnes ES	\$2,000	X	1	+	\$2,000	X	0	=	\$2,000	\$155,448
Barrackville Elementary/ Middle School	\$5,600	X	1	+	\$5,600	X	0	=	\$5,600	\$165,261
Barrackville Covered Bridge	\$0	X	1	+	\$0	X	0	=	\$0	\$6,000
Barrackville VFD	\$300	X	0	+	\$300	X	0	=	\$0	\$16,000
Baxter VFD	\$300	X	0	+	\$300	X	0	=	\$0	\$14,500
Bituminous Power Partners	\$79,500	X	0	+	\$79,500	X	0	=	\$0	\$40,000
Blackshere ES	\$7,000	X	1	+	\$7,000	X	0	=	\$7,000	\$168,616
Boothsville VFD	\$300	X	0	+	\$300	X	0	=	\$0	\$14,500
Boylen Timber Co	\$3,500.00	X	1	+	\$3,500.00	X	0	=	\$3,500	\$7,350
Bridges			0							\$0
Bunners Ridge VFD	\$300	X	0	+	\$300	X	0	=	\$0	\$14,500
CAM Concepts, Inc.	\$1,000	X	1	+	\$1,000	X	0	=	\$1,000	\$12,000
Central Communications		X	1	+		X	0	=	\$0	\$4,223
Charles E. Haislip M.D., Inc.	\$2,100	X	1	+	\$2,100	X	0	=	\$2,100	\$49,100
Chem-Ray	\$10,000.00	X	1	+	\$10,000.00	X	0	=	\$10,000	\$24,210
CNC Industries, Inc.	\$5,000.00	X	1	+	\$5,000.00	X	0	=	\$5,000	\$33,216

Colonial Apartments		X	1	+		X	0	=	\$0	\$0
Concord Press	\$2,000	X	1	+	\$2,000	X	0	=	\$2,000	\$8,800
Consol Energy		X	0	+		X	0	=	\$0	\$0
County Jail		X	0	+		X	0	=	\$0	\$83,328
Dominion Hope		X	0	+		X	0	=	\$0	\$0
Dunbar MS	\$5,200	X	1	+	\$5,200	X	0	=	\$5,200	\$153,646
East Dale ES	\$8,500	X	1	+	\$8,500	X	0	=	\$8,500	\$133,337
East Fairmont HS	\$12,900	X	1	+	\$12,900	X	0	=	\$12,900	\$299,965
East Fairmont Jr. HS	\$5,900	X	1	+	\$5,900	X	0	=	\$5,900	\$679,300
East Marion Park Facilities		X	1	+		X	0	=	\$0	\$57,108
East Park ES	\$6,700	X	1	+	\$6,700	X	0	=	\$6,700	\$188,223
Eastern Associated Coal Corp.		X	0	+		X	0	=	\$0	\$0
Edwin Morris	\$1,800	X	1	+	\$1,800	X	0	=	\$1,800	\$15,300
Equitable Gas Co. (Curtisville)	\$0	X	0	+	\$0	X	0	=	\$0	\$55,000
Fairmont Catholic Elementary	\$0	X	1	+	\$0	X	0	=	\$0	\$79,800
Fairmont City Hall	\$21,900	X	0	+	\$21,900	X	0	=	\$0	\$35,000
Fairmont Downtown Historic District		X	1	+		X	0	=	\$0	\$0
Fairmont Fire Dept.	\$6,800	X	0	+	\$6,800	X	0	=	\$0	\$184,000
Fairmont General Hospital	\$214,400	X	0	+	\$214,400	X	0	=	\$0	\$5,000,000
Fairmont Lumber & Construction	\$1,000	X	1	+	\$1,000	X	0	=	\$1,000	\$5,270
Fairmont Municipal Airport	\$0	X	2	+	\$0	X	0	=	\$0	\$0
Fairmont Normal School Administration Building	\$54,800	X	1	+	\$54,800	X	0	=	\$54,800	\$299,470
Fairmont Printing	\$5,000	X	1	+	\$5,000	X	0	=	\$5,000	\$37,100
Fairmont Rubber Products	\$30,000	X	1	+	\$30,000	X	0	=	\$30,000	\$298,400
Fairmont Shop & Save		X	1	+		X	0	=	\$0	\$0

Fairmont Specialty Services	\$50,000.00	X	1	+	\$50,000.00	X	0	=	\$50,000	\$701,880
Fairmont Sr. HS	\$12,900	X	1	+	\$12,900	X	0	=	\$12,900	\$360,498
Fairmont State College	\$55,900	X	1	+	\$55,900	X	0	=	\$55,900	\$2,493,628
Fairmont Tool, Inc.	\$10,000	X	1	+	\$10,000	X	0	=	\$10,000	\$120,350
Fairview ES	\$2,800	X	1	+	\$2,800	X	0	=	\$2,800	\$83,062
Fairview MS	\$2,700	X	1	+	\$2,700	X	0	=	\$2,700	\$178,290
Fairview Public Library	\$1,100	X	1	+	\$1,100	X	0	=	\$1,100	\$23,100
Fairview VFD	\$700	X	0	+	\$700	X	0	=	\$0	\$20,700
Farmington VFD	\$300	X	0	+	\$300	X	0	=	\$0	\$11,000
Fibernet	\$800	X	1	+	\$800	X	0	=	\$800	\$3,750
Gate Multimedia	\$0	X	1	+	\$0	X	0	=	\$0	\$4,250
Gompu-Press	\$300	X	1	+	\$300	X	0	=	\$300	\$2,900
Grant Town VFD	\$300	X	0	+	\$300	X	0	=	\$0	\$11,000
Hamilton Round Barn	\$0	X	1	+	\$0	X	0	=	\$0	\$7,650
Harry's Laminated Products	\$600	X	1	+	\$600	X	0	=	\$600	\$9,334
Hendershot Plumbing & Heating	\$2,100	X	1	+	\$2,100	X	0	=	\$2,100	\$6,720
Higgins & Sons, Inc.	\$2,000	X	1	+	\$2,000	X	0	=	\$2,000	\$3,050
High Level Bridge	\$0	X	1	+	\$0	X	0	=	\$0	\$520,000
IQI, Inc. (Interserv)		X	1	+		X	0	=	\$0	\$0
J & C Enterprises	\$5,000.00	X	1	+	\$5,000.00	X	0	=	\$5,000	\$48,990
J. Harper Building		X	0	+		X	0	=	\$0	\$153,727
Jacob Prickett, Jr. Log House	\$0	X	1	+	\$0	X	0	=	\$0	\$0
Jacobs Building		X	1	+		X	0	=	\$0	\$108,780
Jacobs-Hutchinson Block	\$0	X	1	+	\$0	X	0	=	\$0	\$0
Jayenne ES	\$2,900	X	1	+	\$2,900	X	0	=	\$2,900	\$79,861
Kennedy Plumbing & Heating	\$1,600	X	1	+	\$1,600	X	0	=	\$1,600	\$9,375
Kisner, Sm & Sons	\$3,000	X	1	+	\$3,000	X	0	=	\$3,000	\$50,782
Kvaerner Pulping, Inc.		X	1	+		X	0	=	\$0	\$0
Manchin Clinic	\$9,900	X	1	+	\$9,900	X	0	=	\$9,900	\$79,400
Mannington Historic District		X	1	+		X	0	=	\$0	\$0

Mannington Library	\$1,100	X	1	+	\$1,100	X	0	=	\$1,100	\$13,350
Mannington MS	\$5,800	X	1	+	\$5,800	X	0	=	\$5,800	\$396,128
Mannington VFD	\$300	X	0	+	\$300	X	0	=	\$0	\$10,500
Marion Co. BOE		X	1	+		X	0	=	\$0	\$0
Marion Co. Technical Center	\$500	X	1	+	\$500	X	0	=	\$500	\$720,947
Marion County Courthouse	\$68,500	X	0	+	\$68,500	X	0	=	\$0	\$315,000
Marion County Library	\$1,096	X	1	+	\$1,096	X	0	=	\$1,096	\$59,176
Mary Lou Reton Park Facilities		X	1	+		X	0	=	\$0	\$16,544
Miller Jr. HS	\$5,400	X	1	+	\$5,400	X	0	=	\$5,400	\$242,419
Mining Dynamics, Inc.	\$500.00	X	1	+	\$500.00	X	0	=	\$500	\$4,550
Monongah ES	\$5,000	X	1	+	\$5,000	X	0	=	\$5,000	\$114,327
Monongah MS	\$4,200	X	1	+	\$4,200	X	0	=	\$4,200	\$146,495
Monongah VFD	\$700	X	0	+	\$700	X	0	=	\$0	\$25,500
Mont Levine, Inc.	\$10,000	X	1	+	\$10,000	X	0	=	\$10,000	\$24,000
North Marion HS	\$13,500	X	1	+	\$13,500	X	0	=	\$13,500	\$888,010
Pleasant Valley ES	\$4,100	X	1	+	\$4,100	X	0	=	\$4,100	\$104,302
Presort Plus, Inc.	\$8,000.00	X	1	+	\$8,000.00	X	0	=	\$8,000	\$17,400
Prickett Bay Boat Launching	\$0	X	0	+	\$0	X	0	=	\$0	\$3,000
Railroads	\$0	X	1	+	\$0	X	0	=	\$0	\$1,006,276
Reiss Viking	\$15,000	X	1	+	\$15,000	X	0	=	\$15,000	\$185,000
Residences			0				0			\$31,002,329
Rivesville Elementary/ Middle School	\$4,300	X	1	+	\$4,300	X	0	=	\$4,300	\$148,713
Rivesville VFD	\$300	X	0	+	\$300	X	0	=	\$0	\$14,500
Roads	\$0	X	1	+	\$0	X	0	=	\$0	\$892,323
Ruskin Co.		X	1	+		X	0	=	\$0	\$0
Ruth Ann Musick Library	\$0	X	1	+	\$0	X	0	=	\$0	\$193,138
Schultz Machine Co., Inc.	\$15,000	X	1	+	\$15,000	X	0	=	\$15,000	\$39,000
Shaw House	\$0	X	1	+	\$0	X	0	=	\$0	\$0
Sheriff's Residence	\$200	X	1	+	\$200	X	0	=	\$200	\$2,350

Sign & More in 24	\$200.00	X	1	+	\$200.00	X	0	=	\$200	\$9,856
Steppingstone		X	1	+		X	0	=	\$0	\$31,680
Stickley, CW, Inc.		X	1	+		X	0	=	\$0	\$0
Temp Corp., Inc.	\$1,600	X	1	+	\$1,600	X	0	=	\$1,600	\$16,200
TMC Technologies, he.	\$0	X	1	+	\$0	X	0	=	\$0	\$18,939
Valley National Gasses Inc.		X	1	+		X	0	=	\$0	\$0
Valley VFD	\$300	X	0	+	\$300	X	0	=	\$0	\$11,000
Wastewater Treatment Plant	\$100,000	X	0	+	\$100,000	X	0	=	\$0	\$400,000
Water Treatment Plant	\$200,000	X	0	+	\$200,000	X	0	=	\$0	\$400,000
Wat-Mart	\$126,000	X	1	+	\$126,000	X	0	=	\$126,000	\$362,930
Watson ES	\$5,300	X	1	+	\$5,300	X	0	=	\$5,300	\$130,403
White Hall ES	\$2,700	X	1	+	\$2,700	X	0	=	\$2,700	\$85,106
Wilcox Rubber Stamps	\$100	X	1	+	\$100	X	0	=	\$100	\$2,500
Winfield Dist. VFD	\$700	X	0	+	\$700	X	0	=	\$0	\$20,700
Winner's Choice	\$5,000	X	1	+	\$5,000	X	0	=	\$5,000	\$32,300
Wishing Well Health Center		X	1	+		X	0	=	\$0	\$0
Worthington VFD	\$400	X	0	+	\$400	X	0	=	\$0	\$19,000
Worthington Park		X	1	+		X	0	=	\$0	\$352
									\$335,296	\$57,398,742

**Hazard: Hailstorm**

Structure Loss						Contents Loss				
Name/Description of Asset	Structure Replacement Value (\$)	X	Percent Damage (%)	=	Loss to Structure (\$)	Replacement Value of Contents (\$)	X	Percent Damage (%)	=	Loss to Contents (\$)
Allegheny Energy Service Corp.		X	0.01%	=	\$0		X	0%	=	\$0
American Fiber Resources	\$5,000,000	X	0.01%	=	\$500	\$145,000,000	X	0%	=	\$0
American Fiber Resources, LLC	\$20,000,000	X	0.01%	=	\$2,000	\$320,000,000	X	0%	=	\$0
ANSER	\$120,000	X	0.01%	=	\$12	\$1,000,000	X	0%	=	\$0
Apostolic Christian Temple School	\$55,000	X	0.01%	=	\$6	\$80,000	X	0%	=	\$0
Barnes ES	\$3,836,196	X	0.01%	=	\$384	\$3,836,196	X	0%	=	\$0
Barrackville Elementary/ Middle School	\$3,991,533	X	0.01%	=	\$399	\$3,991,533	X	0%	=	\$0
Barrackville Covered Bridge	\$150,000	X	0.01%	=	\$15	\$150,000	X	0%	=	\$0
Barrackville VFD	\$200,000	X	0.01%	=	\$20	\$1,000,000	X	0%	=	\$0
Baxter VFD	\$150,000	X	0.01%	=	\$15	\$1,000,000	X	0%	=	\$0
Bituminous Power Partners	\$1,000,000	X	0.01%	=	\$100	\$1,000,000	X	0%	=	\$0
Blackshere ES	\$4,040,400	X	0.01%	=	\$404	\$4,040,400	X	0%	=	\$0
Boothsville VFD	\$150,000	X	0.01%	=	\$15	\$1,000,000	X	0%	=	\$0
Boylen Timber Co	\$75,000	X	0.01%	=	\$8	\$160,000	X	0%	=	\$0
Bridges			0.01%							
Bunnars Ridge VFD	\$150,000	X	0.01%	=	\$15	\$1,000,000	X	0%	=	\$0
CAM Concepts, Inc.	\$200,000	X	0.01%	=	\$20	\$500,000	X	0%	=	\$0
Central Communications	\$140,760	X	0.01%	=	\$14	\$140,760	X	0%	=	
Charles E. Haislip M.D., Inc.	\$1,500,000	X	0.01%	=	\$150	\$200,000	X	0%	=	\$0
Chem-Ray	\$207,000	X	0.01%	=	\$21	\$800,000	X	0%	=	\$0
CNC Industries, Inc.	\$607,200	X	0.01%	=	\$61	\$1,000,000	X	0%	=	\$0

Colonial Apartments		X	0.01%	=	\$0		X	0%	=	\$0
Concord Press	\$60,000	X	0.01%	=	\$6	\$500,000	X	0%	=	\$0
Consol Energy		X	0.01%	=	\$0		X	0%	=	\$0
County Jail	\$2,083,200	X	0.01%	=	\$208	\$2,083,200	X	0%	=	\$0
Dominion Hope		X	0.01%	=	\$0		X	0%	=	\$0
Dunbar MS	\$3,711,162	X	0.01%	=	\$371	\$3,711,162	X	0%	=	\$0
East Dale ES	\$3,120,936	X	0.01%	=	\$312	\$3,120,936	X	0%	=	\$0
East Fairmont HS	\$7,176,624	X	0.01%	=	\$718	\$7,176,624	X	0%	=	\$0
East Fairmont Jr. HS	\$16,835,000	X	0.01%	=	\$1,684	\$16,835,000	X	0%	=	\$0
East Marion Park Facilities	\$1,427,712.00	X	0.01%	=	\$143	\$1,427,712	X	0%	=	\$0
East Park ES	\$4,538,079	X	0.01%	=	\$454	\$4,538,079	X	0%	=	\$0
Eastern Associated Coal Corp.		X	0.01%	=	\$0		X	0%	=	\$0
Edwin Morris	\$400,000	X	0.01%	=	\$40	\$150,000	X	0%	=	\$0
Equitable Gas Co. (Curtisville)	\$1,000,000	X	0.01%	=	\$100	\$2,500,000	X	0%	=	\$0
Fairmont Catholic Elementary	\$2,490,000	X	0.01%	=	\$249	\$510,000	X	0%	=	\$0
Fairmont City Hall	\$1,000,000	X	0.01%	=	\$100	\$500,000	X	0%	=	\$0
Fairmont Downtown Historic District		X	0.01%	=	\$0		X	0%	=	\$0
Fairmont Fire Dept.	\$5,500,000	X	0.01%	=	\$550	\$1,900,000	X	0%	=	\$0
Fairmont General Hospital	\$100,000,000	X	0.01%	=	\$10,000	\$200,000,000	X	0%	=	\$0
Fairmont Lumber & Construction	\$134,000	X	0.01%	=	\$13	\$25,000	X	0%	=	\$0
Fairmont Municipal Airport		X	0.01%	=	\$0		X	0%	=	\$0
Fairmont Normal School Administration Building	\$7,945,000	X	0.01%	=	\$795	\$632,000	X	0%	=	\$0
Fairmont Printing	\$70,000	X	0.01%	=	\$7	\$3,000,000	X	0%	=	\$0
Fairmont Rubber Products	\$8,280,000	X	0.01%	=	\$828	\$2,000,000	X	0%	=	\$0
Fairmont Shop & Save		X	0.01%	=	\$0		X	0%	=	\$0

Fairmont Specialty Services	\$16,896,000	X	0.01%	=	\$1,690	\$14,500,000	X	0%	=	\$0
Fairmont Sr. HS	\$8,689,954	X	0.01%	=	\$869	\$8,689,954	X	0%	=	\$0
Fairmont State College	\$71,100,408	X	0.01%	=	\$7,110	\$30,471,603	X	0%	=	\$0
Fairmont Tool, Inc.	\$345,000	X	0.01%	=	\$35	\$10,000,000	X	0%	=	\$0
Fairview ES	\$2,006,550	X	0.01%	=	\$201	\$2,006,550	X	0%	=	\$0
Fairview MS	\$4,389,749	X	0.01%	=	\$439	\$4,389,749	X	0%	=	\$0
Fairview Public Library	\$400,000	X	0.01%	=	\$40	\$1,000,000	X	0%	=	\$0
Fairview VFD	\$500,000	X	0.01%	=	\$50	\$570,000	X	0%	=	\$0
Farmington VFD	\$200,000	X	0.01%	=	\$20	\$500,000	X	0%	=	\$0
Fibernet	\$90,000	X	0.01%	=	\$9	\$25,000	X	0%	=	\$0
Gate Multimedia	\$125,000	X	0.01%	=	\$13	\$50,000	X	0%	=	\$0
Gompu-Press	\$80,000	X	0.01%	=	\$8	\$20,000	X	0%	=	\$0
Grant Town VFD	\$200,000	X	0.01%	=	\$20	\$500,000	X	0%	=	\$0
Hamilton Round Barn	\$250,000	X	0.01%	=	\$25	\$15,000	X	0%	=	\$0
Harry's Laminated Products	\$279,450	X	0.01%	=	\$28	\$35,000	X	0%	=	\$0
Hendershot Plumbing & Heating	\$150,000	X	0.01%	=	\$15	\$12,000	X	0%	=	\$0
Higgins & Sons, Inc.	\$30,000.00	X	0.01%	=	\$3	\$15,000	X	0%	=	\$0
High Level Bridge	\$13,000,000	X	0.01%	=	\$1,300	\$13,000,000	X	0%	=	\$0
IQI, Inc. (Interserv)		X	0.01%	=	\$0		X	0%	=	\$0
J & C Enterprises	\$1,408,000	X	0.01%	=	\$141	\$175,000	X	0%	=	\$0
J. Harper Building	\$3,843,168	X	0.01%	=	\$384	\$3,843,168	X	0%	=	\$0
Jacob Prickett, Jr. Log House		X	0.01%	=	\$0		X	0%	=	\$0
Jacobs Building	\$2,719,500	X	0.01%	=	\$272	\$2,719,500	X	0%	=	\$0
Jacobs-Hutchinson Block		X	0.01%	=	\$0		X	0%	=	\$0
Jayenne ES	\$1,924,013	X	0.01%	=	\$192	\$1,924,013	X	0%	=	\$0
Kennedy Plumbing & Heating	\$217,500	X	0.01%	=	\$22	\$125,000	X	0%	=	\$0
Kisner, Sm & Sons	\$1,559,400	X	0.01%	=	\$156	\$100,000	X	0%	=	\$0
Kvaerner Pulping, Inc.		X	0.01%	=	\$0		X	0%	=	\$0
Manchin Clinic	\$2,200,000	X	0.01%	=	\$220	\$350,000	X	0%	=	\$0
Mannington Historic District		X	0.01%	=	\$0		X	0%	=	\$0

Mannington Library	\$75,000	X	0.01%	=	\$8	\$1,000,000	X	0%	=	\$0
Mannington MS	\$9,758,203	X	0.01%	=	\$976	\$9,758,203	X	0%	=	\$0
Mannington VFD	\$200,000	X	0.01%	=	\$20	\$450,000	X	0%	=	\$0
Marion Co. BOE		X	0.01%	=	\$0		X	0%	=	\$0
Marion Co. Technical Center	\$18,011,175	X	0.01%	=	\$1,801	\$18,011,175	X	0%	=	\$0
Marion County Courthouse	\$10,000,000	X	0.01%	=	\$1,000	\$1,500,000	X	0%	=	\$0
Marion County Library	\$1,452,000	X	0.01%	=	\$145	\$1,452,000	X	0%	=	\$0
Mary Lou Reton Park Facilities	\$413,600	X	0.01%	=	\$41	\$413,600	X	0%	=	\$0
Miller Jr. HS	\$5,925,465	X	0.01%	=	\$593	\$5,925,465	X	0%	=	\$0
Mining Dynamics, Inc.	\$110,000	X	0.01%	=	\$11	\$75,000	X	0%	=	\$0
Monongah ES	\$2,733,185	X	0.01%	=	\$273	\$2,733,185	X	0%	=	\$0
Monongah MS	\$3,557,372	X	0.01%	=	\$356	\$3,557,372	X	0%	=	\$0
Monongah VFD	\$600,000	X	0.01%	=	\$60	\$750,000	X	0%	=	\$0
Mont Levine, Inc.	\$400,000	X	0.01%	=	\$40	\$200,000	X	0%	=	\$0
North Marion HS	\$21,862,750	X	0.01%	=	\$2,186	\$21,862,750	X	0%	=	\$0
Pleasant Valley ES	\$2,505,048	X	0.01%	=	\$251	\$2,505,048	X	0%	=	\$0
Presort Plus, Inc.	\$80,000	X	0.01%	=	\$8	\$700,000	X	0%	=	\$0
Prickett Bay Boat Launching	\$75,000	X	0.01%	=	\$8	\$75,000	X	0%	=	\$0
Railroads	\$25,156,903	X	0.01%	=	\$2,516	\$25,156,903	X	0%	=	\$0
Reiss Viking	\$3,000,000	X	0.01%	=	\$300	\$8,000,000	X	0%	=	\$0
Residences	#####	X	0.01%	=	\$103,341			0%		
Rivesville Elementary/ Middle School	\$3,610,334	X	0.01%	=	\$361	\$3,610,334	X	0%	=	\$0
Rivesville VFD	\$150,000	X	0.01%	=	\$15	\$1,000,000	X	0%	=	\$0
Roads	\$29,744,100	X	0.01%	=	\$2,974		X	0%	=	\$0
Ruskin Co.		X	0.01%	=	\$0		X	0%	=	\$0
Ruth Ann Musick Library	\$5,633,193	X	0.01%	=	\$563	\$2,414,255	X	0%	=	\$0
Schultz Machine Co., Inc.	\$800,000	X	0.01%	=	\$80	\$1,250,000	X	0%	=	\$0
Shaw House		X	0.01%	=	\$0		X	0%	=	\$0
Sheriff's Residence	\$65,000	X	0.01%	=	\$7	\$20,000	X	0%	=	\$0

Sign & More in 24	\$255,200	X	0.01%	=	\$26	\$200,000	X	0%	=	\$0
Steppingstone	\$792,000	X	0.01%	=	\$79	\$792,000	X	0%	=	\$0
Stickley, CW, Inc.		X	0.01%	=	\$0		X	0%	=	\$0
Temp Corp., Inc.	\$320,000	X	0.01%	=	\$32	\$500,000	X	0%	=	\$0
TMC Technologies, he.	\$531,300	X	0.01%	=	\$53	\$300,000	X	0%	=	\$0
Valley National Gasses Inc.		X	0.01%	=	\$0		X	0%	=	\$0
Valley VFD	\$200,000	X	0.01%	=	\$20	\$500,000	X	0%	=	\$0
Wastewater Treatment Plant	\$10,000,000	X	0.01%	=	\$1,000	\$10,000,000	X	0%	=	\$0
Water Treatment Plant	\$10,000,000	X	0.01%	=	\$1,000	\$10,000,000	X	0%	=	\$0
Wat-Mart	\$6,231,000	X	0.01%	=	\$623	\$5,000,000	X	0%	=	\$0
Watson ES	\$3,127,579	X	0.01%	=	\$313	\$3,127,579	X	0%	=	\$0
White Hall ES	\$2,060,149	X	0.01%	=	\$206	\$2,060,149	X	0%	=	\$0
Wilcox Rubber Stamps	\$70,000	X	0.01%	=	\$7	\$30,000	X	0%	=	\$0
Winfield Dist. VFD	\$500,000	X	0.01%	=	\$50	\$570,000	X	0%	=	\$0
Winner's Choice	\$660,000	X	0.01%	=	\$66	\$750,000	X	0%	=	\$0
Wishing Well Health Center		X	0.01%	=	\$0		X	0%	=	\$0
Worthington VFD	\$300,000	X	0.01%	=	\$30	\$1,000,000	X	0%	=	\$0
Worthington Park	\$8,800	X	0.01%	=	\$1	\$8,800	X	0%	=	\$0
					\$155,433					\$0

**Hazard: Hailstorm**

Structure Use and Function Loss									
Name/Description of Asset	Average Daily Operating Budget (\$)	X	Functional Downtime (# of days)	+	Displacement Cost per Day (\$)	X	Displacement Time (Days)	=	Structure Use & Function Loss (\$)
Allegheny Energy Service Corp.	\$0	X	0	+		X	0	=	\$0
American Fiber Resources	\$137,000	X	0	+	\$137,000	X	0	=	\$0
American Fiber Resources, LLC	\$100,000.00	X	0	+	\$100,000.00	X	0	=	\$0
ANSER	\$189,000	X	0	+	\$189,000	X	0	=	\$0
Apostolic Christian Temple School	\$400	X	0	+	\$400	X	0	=	\$0
Barnes ES	\$2,000	X	0	+	\$2,000	X	0	=	\$0
Barrackville Elementary/ Middle School	\$5,600	X	0	+	\$5,600	X	0	=	\$0
Barrackville Covered Bridge	\$0	X	0	+	\$0	X	0	=	\$0
Barrackville VFD	\$300	X	0	+	\$300	X	0	=	\$0
Baxter VFD	\$300	X	0	+	\$300	X	0	=	\$0
Bituminous Power Partners	\$79,500	X	0	+	\$79,500	X	0	=	\$0
Blackshere ES	\$7,000	X	0	+	\$7,000	X	0	=	\$0
Boothsville VFD	\$300	X	0	+	\$300	X	0	=	\$0
Boylen Timber Co	\$3,500.00	X	0	+	\$3,500.00	X	0	=	\$0
Bridges			0						
Bunners Ridge VFD	\$300	X	0	+	\$300	X	0	=	\$0
CAM Concepts, Inc.	\$1,000	X	0	+	\$1,000	X	0	=	\$0
Central Communications		X	0	+		X	0	=	\$0
Charles E. Haislip M.D., Inc.	\$2,100	X	0	+	\$2,100	X	0	=	\$0
Chem-Ray	\$10,000.00	X	0	+	\$10,000.00	X	0	=	\$0
CNC Industries, Inc.	\$5,000.00	X	0	+	\$5,000.00	X	0	=	\$0

Structure + Contents + Function Loss
\$0
\$500
\$2,000
\$12
\$6
\$384
\$399
\$15
\$20
\$15
\$100
\$404
\$15
\$8
\$0
\$15
\$20
\$14
\$150
\$21
\$61

Colonial Apartments		X	0	+		X	0	=	\$0	\$0
Concord Press	\$2,000	X	0	+	\$2,000	X	0	=	\$0	\$6
Consol Energy		X	0	+		X	0	=	\$0	\$0
County Jail		X	0	+		X	0	=	\$0	\$208
Dominion Hope		X	0	+		X	0	=	\$0	\$0
Dunbar MS	\$5,200	X	0	+	\$5,200	X	0	=	\$0	\$371
East Dale ES	\$8,500	X	0	+	\$8,500	X	0	=	\$0	\$312
East Fairmont HS	\$12,900	X	0	+	\$12,900	X	0	=	\$0	\$718
East Fairmont Jr. HS	\$5,900	X	0	+	\$5,900	X	0	=	\$0	\$1,684
East Marion Park Facilities		X	0	+		X	0	=	\$0	\$143
East Park ES	\$6,700	X	0	+	\$6,700	X	0	=	\$0	\$454
Eastern Associated Coal Corp.		X	0	+		X	0	=	\$0	\$0
Edwin Morris	\$1,800	X	0	+	\$1,800	X	0	=	\$0	\$40
Equitable Gas Co. (Curtisville)	\$0	X	0	+	\$0	X	0	=	\$0	\$100
Fairmont Catholic Elementary	\$0	X	0	+	\$0	X	0	=	\$0	\$249
Fairmont City Hall	\$21,900	X	0	+	\$21,900	X	0	=	\$0	\$100
Fairmont Downtown Historic District		X	0	+		X	0	=	\$0	\$0
Fairmont Fire Dept.	\$6,800	X	0	+	\$6,800	X	0	=	\$0	\$550
Fairmont General Hospital	\$214,400	X	0	+	\$214,400	X	0	=	\$0	\$10,000
Fairmont Lumber & Construction	\$1,000	X	0	+	\$1,000	X	0	=	\$0	\$13
Fairmont Municipal Airport	\$0	X	0	+	\$0	X	0	=	\$0	\$0
Fairmont Normal School Administration Building	\$54,800	X	0	+	\$54,800	X	0	=	\$0	\$795
Fairmont Printing	\$5,000	X	0	+	\$5,000	X	0	=	\$0	\$7
Fairmont Rubber Products	\$30,000	X	0	+	\$30,000	X	0	=	\$0	\$828
Fairmont Shop & Save		X	0	+		X	0	=	\$0	\$0

Fairmont Specialty Services	\$50,000.00	X	0	+	\$50,000.00	X	0	=	\$0	\$1,690
Fairmont Sr. HS	\$12,900	X	0	+	\$12,900	X	0	=	\$0	\$869
Fairmont State College	\$55,900	X	0	+	\$55,900	X	0	=	\$0	\$7,110
Fairmont Tool, Inc.	\$10,000	X	0	+	\$10,000	X	0	=	\$0	\$35
Fairview ES	\$2,800	X	0	+	\$2,800	X	0	=	\$0	\$201
Fairview MS	\$2,700	X	0	+	\$2,700	X	0	=	\$0	\$439
Fairview Public Library	\$1,100	X	0	+	\$1,100	X	0	=	\$0	\$40
Fairview VFD	\$700	X	0	+	\$700	X	0	=	\$0	\$50
Farmington VFD	\$300	X	0	+	\$300	X	0	=	\$0	\$20
Fibernet	\$800	X	0	+	\$800	X	0	=	\$0	\$9
Gate Multimedia	\$0	X	0	+	\$0	X	0	=	\$0	\$13
Gompu-Press	\$300	X	0	+	\$300	X	0	=	\$0	\$8
Grant Town VFD	\$300	X	0	+	\$300	X	0	=	\$0	\$20
Hamilton Round Barn	\$0	X	0	+	\$0	X	0	=	\$0	\$25
Harry's Laminated Products	\$600	X	0	+	\$600	X	0	=	\$0	\$28
Hendershot Plumbing & Heating	\$2,100	X	0	+	\$2,100	X	0	=	\$0	\$15
Higgins & Sons, Inc.	\$2,000	X	0	+	\$2,000	X	0	=	\$0	\$3
High Level Bridge	\$0	X	0	+	\$0	X	0	=	\$0	\$1,300
IQI, Inc. (Interserv)		X	0	+		X	0	=	\$0	\$0
J & C Enterprises	\$5,000.00	X	0	+	\$5,000.00	X	0	=	\$0	\$141
J. Harper Building		X	0	+		X	0	=	\$0	\$384
Jacob Prickett, Jr. Log House	\$0	X	0	+	\$0	X	0	=	\$0	\$0
Jacobs Building		X	0	+		X	0	=	\$0	\$272
Jacobs-Hutchinson Block	\$0	X	0	+	\$0	X	0	=	\$0	\$0
Jayenne ES	\$2,900	X	0	+	\$2,900	X	0	=	\$0	\$192
Kennedy Plumbing & Heating	\$1,600	X	0	+	\$1,600	X	0	=	\$0	\$22
Kisner, Sm & Sons	\$3,000	X	0	+	\$3,000	X	0	=	\$0	\$156
Kvaerner Pulping, Inc.		X	0	+		X	0	=	\$0	\$0
Manchin Clinic	\$9,900	X	0	+	\$9,900	X	0	=	\$0	\$220
Mannington Historic District		X	0	+		X	0	=	\$0	\$0

Mannington Library	\$1,100	X	0	+	\$1,100	X	0	=	\$0	\$8
Mannington MS	\$5,800	X	0	+	\$5,800	X	0	=	\$0	\$976
Mannington VFD	\$300	X	0	+	\$300	X	0	=	\$0	\$20
Marion Co. BOE		X	0	+		X	0	=	\$0	\$0
Marion Co. Technical Center	\$500	X	0	+	\$500	X	0	=	\$0	\$1,801
Marion County Courthouse	\$68,500	X	0	+	\$68,500	X	0	=	\$0	\$1,000
Marion County Library	\$1,096	X	0	+	\$1,096	X	0	=	\$0	\$145
Mary Lou Reton Park Facilities		X	0	+		X	0	=	\$0	\$41
Miller Jr. HS	\$5,400	X	0	+	\$5,400	X	0	=	\$0	\$593
Mining Dynamics, Inc.	\$500.00	X	0	+	\$500.00	X	0	=	\$0	\$11
Monongah ES	\$5,000	X	0	+	\$5,000	X	0	=	\$0	\$273
Monongah MS	\$4,200	X	0	+	\$4,200	X	0	=	\$0	\$356
Monongah VFD	\$700	X	0	+	\$700	X	0	=	\$0	\$60
Mont Levine, Inc.	\$10,000	X	0	+	\$10,000	X	0	=	\$0	\$40
North Marion HS	\$13,500	X	0	+	\$13,500	X	0	=	\$0	\$2,186
Pleasant Valley ES	\$4,100	X	0	+	\$4,100	X	0	=	\$0	\$251
Presort Plus, Inc.	\$8,000.00	X	0	+	\$8,000.00	X	0	=	\$0	\$8
Prickett Bay Boat Launching	\$0	X	0	+	\$0	X	0	=	\$0	\$8
Railroads	\$0	X	0	+	\$0	X	0	=	\$0	\$2,516
Reiss Viking	\$15,000	X	0	+	\$15,000	X	0	=	\$0	\$300
Residences			0				0			\$103,341
Rivesville Elementary/ Middle School	\$4,300	X	0	+	\$4,300	X	0	=	\$0	\$361
Rivesville VFD	\$300	X	0	+	\$300	X	0	=	\$0	\$15
Roads	\$0	X	0	+	\$0	X	0	=	\$0	\$2,974
Ruskin Co.		X	0	+		X	0	=	\$0	\$0
Ruth Ann Musick Library	\$0	X	0	+	\$0	X	0	=	\$0	\$563
Schultz Machine Co., Inc.	\$15,000	X	0	+	\$15,000	X	0	=	\$0	\$80
Shaw House	\$0	X	0	+	\$0	X	0	=	\$0	\$0
Sheriff's Residence	\$200	X	0	+	\$200	X	0	=	\$0	\$7

Sign & More in 24	\$200.00	X	0	+	\$200.00	X	0	=	\$0
Steppingstone		X	0	+		X	0	=	\$0
Stickley, CW, Inc.		X	0	+		X	0	=	\$0
Temp Corp., Inc.	\$1,600	X	0	+	\$1,600	X	0	=	\$0
TMC Technologies, he.	\$0	X	0	+	\$0	X	0	=	\$0
Valley National Gasses Inc.		X	0	+		X	0	=	\$0
Valley VFD	\$300	X	0	+	\$300	X	0	=	\$0
Wastewater Treatment Plant	\$100,000	X	0	+	\$100,000	X	0	=	\$0
Water Treatment Plant	\$200,000	X	0	+	\$200,000	X	0	=	\$0
Wat-Mart	\$126,000	X	0	+	\$126,000	X	0	=	\$0
Watson ES	\$5,300	X	0	+	\$5,300	X	0	=	\$0
White Hall ES	\$2,700	X	0	+	\$2,700	X	0	=	\$0
Wilcox Rubber Stamps	\$100	X	0	+	\$100	X	0	=	\$0
Winfield Dist. VFD	\$700	X	0	+	\$700	X	0	=	\$0
Winner's Choice	\$5,000	X	0	+	\$5,000	X	0	=	\$0
Wishing Well Health Center		X	0	+		X	0	=	\$0
Worthington VFD	\$400	X	0	+	\$400	X	0	=	\$0
Worthington Park		X	0	+		X	0	=	\$0
									\$0

\$26
\$79
\$0
\$32
\$53
\$0
\$20
\$1,000
\$1,000
\$623
\$313
\$206
\$7
\$50
\$66
\$0
\$30
\$1
\$155,433

**Hazard: Flooding**

Structure Loss						Contents Loss				
Name/Description of Asset	Structure Replacement Value (\$)	X	Percent Damage (%)	=	Loss to Structure (\$)	Replacement Value of Contents (\$)	X	Percent Damage (%)	=	Loss to Contents (\$)
Allegheny Energy Service Corp.		X	0%	=	\$0		X	0%	=	\$0
American Fiber Resources	\$5,000,000	X	0%	=	\$0	\$145,000,000	X	0%	=	\$0
American Fiber Resources, LLC	\$20,000,000	X	0%	=	\$0	\$320,000,000	X	0%	=	\$0
ANSER	\$120,000	X	0%	=	\$0	\$1,000,000	X	0%	=	\$0
Apostolic Christian Temple School	\$55,000	X	0%	=	\$0	\$80,000	X	0%	=	\$0
Barnes ES	\$3,836,196	X	0%	=	\$0	\$3,836,196	X	0%	=	\$0
Barrackville Elementary/ Middle School	\$3,991,533	X	0%	=	\$0	\$3,991,533	X	0%	=	\$0
Barrackville Covered Bridge	\$150,000	X	15%	=	\$22,500	\$150,000	X	0%	=	\$0
Barrackville VFD	\$200,000	X	0%	=	\$0	\$1,000,000	X	0%	=	\$0
Baxter VFD	\$150,000	X	0%	=	\$0	\$1,000,000	X	0%	=	\$0
Bituminous Power Partners	\$1,000,000	X	0%	=	\$0	\$1,000,000	X	0%	=	\$0
Blackshere ES	\$4,040,400	X	5%	=	\$202,020	\$4,040,400	X	0%	=	\$0
Boothsville VFD	\$150,000	X	5%	=	\$7,500	\$1,000,000	X	0%	=	\$0
Boylen Timber Co	\$75,000	X	0%	=	\$0	\$160,000	X	0%	=	\$0
Bridges			5%							
Bunners Ridge VFD	\$150,000	X	0%	=	\$0	\$1,000,000	X	0%	=	\$0
CAM Concepts, Inc.	\$200,000	X	0%	=	\$0	\$500,000	X	0%	=	\$0
Central Communications	\$140,760	X	0%	=	\$0	\$140,760	X	0%	=	\$0
Charles E. Haislip M.D., Inc.	\$1,500,000	X	0%	=	\$0	\$200,000	X	1%	=	\$2,000
Chem-Ray	\$207,000	X	0%	=	\$0	\$800,000	X	0%	=	\$0
CNC Industries, Inc.	\$607,200	X	0%	=	\$0	\$1,000,000	X	0%	=	\$0

Colonial Apartments		X	0%	=	\$0		X	0%	=	\$0
Concord Press	\$60,000	X	0%	=	\$0	\$500,000	X	0%	=	\$0
Consol Energy		X	0%	=	\$0		X	0%	=	\$0
County Jail	\$2,083,200	X	0%	=	\$0	\$2,083,200	X	0%	=	\$0
Dominion Hope		X	0%	=	\$0		X	0%	=	\$0
Dunbar MS	\$3,711,162	X	0%	=	\$0	\$3,711,162	X	0%	=	\$0
East Dale ES	\$3,120,936	X	0%	=	\$0	\$3,120,936	X	0%	=	\$0
East Fairmont HS	\$7,176,624	X	0%	=	\$0	\$7,176,624	X	0%	=	\$0
East Fairmont Jr. HS	\$16,835,000	X	0%	=	\$0	\$16,835,000	X	0%	=	\$0
East Marion Park Facilities	\$1,427,712	X	0%	=	\$0	\$1,427,712	X	0%	=	\$0
East Park ES	\$4,538,079	X	0%	=	\$0	\$4,538,079	X	0%	=	\$0
Eastern Associated Coal Corp.		X	0%	=	\$0		X	0%	=	\$0
Edwin Morris	\$400,000	X	0%	=	\$0	\$150,000	X	0%	=	\$0
Equitable Gas Co. (Curtisville)	\$1,000,000	X	0%	=	\$0	\$2,500,000	X	0%	=	\$0
Fairmont Catholic Elementary	\$2,490,000	X	0%	=	\$0	\$510,000	X	0%	=	\$0
Fairmont City Hall	\$1,000,000	X	0%	=	\$0	\$500,000	X	0%	=	\$0
Fairmont Downtown Historic District		X	0%	=	\$0		X	0%	=	\$0
Fairmont Fire Dept.	\$5,500,000	X	4%	=	\$220,000	\$1,900,000	X	0%	=	\$0
Fairmont General Hospital	\$100,000,000	X	0%	=	\$0	\$200,000,000	X	0%	=	\$0
Fairmont Lumber & Construction	\$134,000	X	0%	=	\$0	\$25,000	X	0%	=	\$0
Fairmont Municipal Airport		X	0%	=	\$0		X	0%	=	\$0
Fairmont Normal School Administration Building	\$7,945,000	X	0%	=	\$0	\$632,000	X	0%	=	\$0
Fairmont Printing	\$70,000	X	0%	=	\$0	\$3,000,000	X	0%	=	\$0
Fairmont Rubber Products	\$8,280,000	X	0%	=	\$0	\$2,000,000	X	0%	=	\$0
Fairmont Shop & Save		X	0%	=	\$0		X	0%	=	\$0

Fairmont Specialty Services	\$16,896,000	X	0%	=	\$0	\$14,500,000	X	0%	=	\$0
Fairmont Sr. HS	\$8,689,954	X	0%	=	\$0	\$8,689,954	X	0%	=	\$0
Fairmont State College	\$71,100,408	X	0%	=	\$0	\$30,471,603	X	0%	=	\$0
Fairmont Tool, Inc.	\$345,000	X	0%	=	\$0	\$10,000,000	X	0%	=	\$0
Fairview ES	\$2,006,550	X	0%	=	\$0	\$2,006,550	X	0%	=	\$0
Fairview MS	\$4,389,749	X	0%	=	\$0	\$4,389,749	X	0%	=	\$0
Fairview Public Library	\$400,000	X	0%	=	\$0	\$1,000,000	X	0%	=	\$0
Fairview VFD	\$500,000	X	0%	=	\$0	\$570,000	X	0%	=	\$0
Farmington VFD	\$200,000	X	0%	=	\$0	\$500,000	X	0%	=	\$0
Fibernet	\$90,000	X	0%	=	\$0	\$25,000	X	0%	=	\$0
Gate Multimedia	\$125,000	X	0%	=	\$0	\$50,000	X	0%	=	\$0
Gompu-Press	\$80,000	X	0%	=	\$0	\$20,000	X	0%	=	\$0
Grant Town VFD	\$200,000	X	0%	=	\$0	\$500,000	X	0%	=	\$0
Hamilton Round Barn	\$250,000	X	5%	=	\$12,500	\$15,000	X	0%	=	\$0
Harry's Laminated Products	\$279,450	X	0%	=	\$0	\$35,000	X	0%	=	\$0
Hendershot Plumbing & Heating	\$150,000	X	0%	=	\$0	\$12,000	X	0%	=	\$0
Higgins & Sons, Inc.	\$30,000	X	0%	=	\$0	\$15,000	X	0%	=	\$0
High Level Bridge	\$13,000,000	X	0%	=	\$0	\$13,000,000	X	0%	=	\$0
IQI, Inc. (Interserv)		X	0%	=	\$0		X	0%	=	\$0
J & C Enterprises	\$1,408,000	X	0%	=	\$0	\$175,000	X	0%	=	\$0
J. Harper Building	\$3,843,168	X	0%	=	\$0	\$3,843,168	X	0%	=	\$0
Jacob Prickett, Jr. Log House		X	0%	=	\$0		X	0%	=	\$0
Jacobs Building	\$2,719,500	X	0%	=	\$0	\$2,719,500	X	0%	=	\$0
Jacobs-Hutchinson Block		X	0%	=	\$0		X	0%	=	\$0
Jayenne ES	\$1,924,013	X	0%	=	\$0	\$1,924,013	X	0%	=	\$0
Kennedy Plumbing & Heating	\$217,500	X	0%	=	\$0	\$125,000	X	0%	=	\$0
Kisner, Sm & Sons	\$1,559,400	X	0%	=	\$0	\$100,000	X	0%	=	\$0
Kvaerner Pulping, Inc.		X	0%	=	\$0		X	0%	=	\$0
Manchin Clinic	\$2,200,000	X	0%	=	\$0	\$350,000	X	0%	=	\$0
Mannington Historic District		X	5%	=	\$0		X	0%	=	\$0

Mannington Library	\$75,000	X	0%	=	\$0	\$1,000,000	X	0%	=	\$0
Mannington MS	\$9,758,203	X	10%	=	\$975,820	\$9,758,203	X	0%	=	\$0
Mannington VFD	\$200,000	X	10%	=	\$20,000	\$450,000	X	0%	=	\$0
Marion Co. BOE		X	0%	=	\$0		X	0%	=	\$0
Marion Co. Technical Center	\$18,011,175	X	0%	=	\$0	\$18,011,175	X	0%	=	\$0
Marion County Courthouse	\$10,000,000	X	0%	=	\$0	\$1,500,000	X	0%	=	\$0
Marion County Library	\$1,452,000	X	0%	=	\$0	\$1,452,000	X	0%	=	\$0
Mary Lou Reton Park Facilities	\$413,600	X	0%	=	\$0	\$413,600	X	0%	=	\$0
Miller Jr. HS	\$5,925,465	X	0%	=	\$0	\$5,925,465	X	0%	=	\$0
Mining Dynamics, Inc.	\$110,000	X	0%	=	\$0	\$75,000	X	0%	=	\$0
Monongah ES	\$2,733,185	X	0%	=	\$0	\$2,733,185	X	0%	=	\$0
Monongah MS	\$3,557,372	X	0%	=	\$0	\$3,557,372	X	0%	=	\$0
Monongah VFD	\$600,000	X	0%	=	\$0	\$750,000	X	0%	=	\$0
Mont Levine, Inc.	\$400,000	X	0%	=	\$0	\$200,000	X	0%	=	\$0
North Marion HS	\$21,862,750	X	0%	=	\$0	\$21,862,750	X	0%	=	\$0
Pleasant Valley ES	\$2,505,048	X	0%	=	\$0	\$2,505,048	X	0%	=	\$0
Presort Plus, Inc.	\$80,000	X	0%	=	\$0	\$700,000	X	0%	=	\$0
Prickett Bay Boat Launching	\$75,000	X	9%	=	\$6,750	\$75,000	X	5%	=	\$3,750
Railroads	\$25,156,903	X	5%	=	\$1,257,845	\$25,156,903	X	1%	=	\$251,569
Reiss Viking	\$3,000,000	X	0%	=	\$0	\$8,000,000	X	0%	=	\$0
Residences	#####	X	8%	=	\$82,672,877		X		=	
Rivesville Elementary/ Middle School	\$3,610,334	X	0%	=	\$0	\$3,610,334	X	0%	=	\$0
Rivesville VFD	\$150,000	X	0%	=	\$0	\$1,000,000	X	0%	=	\$0
Roads	\$29,744,100	X	5%	=	\$1,487,205		X	0%	=	\$0
Ruskin Co.		X	0%	=	\$0		X	0%	=	\$0
Ruth Ann Musick Library	\$5,633,193	X	0%	=	\$0	\$2,414,255	X	0%	=	\$0
Schultz Machine Co., Inc.	\$800,000	X	0%	=	\$0	\$1,250,000	X	0%	=	\$0
Shaw House		X	0%	=	\$0		X	0%	=	\$0
Sheriff's Residence	\$65,000	X	0%	=	\$0	\$20,000	X	0%	=	\$0

Sign & More in 24	\$255,200	X	0%	=	\$0	\$200,000	X	0%	=	\$0
Steppingstone	\$792,000	X	0%	=	\$0	\$792,000	X	0%	=	\$0
Stickley, CW, Inc.		X	0%	=	\$0		X	0%	=	\$0
Temp Corp., Inc.	\$320,000	X	0%	=	\$0	\$500,000	X	0%	=	\$0
TMC Technologies, he.	\$531,300	X	0%	=	\$0	\$300,000	X	0%	=	\$0
Valley National Gasses Inc.		X	0%	=	\$0		X	0%	=	\$0
Valley VFD	\$200,000	X	0%	=	\$0	\$500,000	X	0%	=	\$0
Wastewater Treatment Plant	\$10,000,000	X	30%	=	\$3,000,000	\$10,000,000	X	15%	=	\$1,500,000
Water Treatment Plant	\$10,000,000	X	30%	=	\$3,000,000	\$10,000,000	X	15%	=	\$1,500,000
Wat-Mart	\$6,231,000	X	0%	=	\$0	\$5,000,000	X	0%	=	\$0
Watson ES	\$3,127,579	X	0%	=	\$0	\$3,127,579	X	0%	=	\$0
White Hall ES	\$2,060,149	X	0%	=	\$0	\$2,060,149	X	0%	=	\$0
Wilcox Rubber Stamps	\$70,000	X	0%	=	\$0	\$30,000	X	0%	=	\$0
Winfield Dist. VFD	\$500,000	X	0%	=	\$0	\$570,000	X	0%	=	\$0
Winner's Choice	\$660,000	X	0%	=	\$0	\$750,000	X	0%	=	\$0
Wishing Well Health Center		X	0%	=	\$0		X	0%	=	\$0
Worthington VFD	\$300,000	X	0%	=	\$0	\$1,000,000	X	0%	=	\$0
Worthington Park	\$8,800	X	0%	=	\$0	\$8,800	X	0%	=	\$0
					\$92,885,017					\$3,257,319



Colonial Apartments		X	0	+		X	0	=	\$0	\$0
Concord Press	\$2,000	X	0	+	\$2,000	X	0	=	\$0	\$0
Consol Energy		X	0	+		X	0	=	\$0	\$0
County Jail		X	0	+		X	0	=	\$0	\$0
Dominion Hope		X	0	+		X	0	=	\$0	\$0
Dunbar MS	\$5,200	X	0	+	\$5,200	X	0	=	\$0	\$0
East Dale ES	\$8,500	X	0	+	\$8,500	X	0	=	\$0	\$0
East Fairmont HS	\$12,900	X	0	+	\$12,900	X	0	=	\$0	\$0
East Fairmont Jr. HS	\$5,900	X	0	+	\$5,900	X	0	=	\$0	\$0
East Marion Park Facilities		X	0	+		X	0	=	\$0	\$0
East Park ES	\$6,700	X	0	+	\$6,700	X	0	=	\$0	\$0
Eastern Associated Coal Corp.		X	0	+		X	0	=	\$0	\$0
Edwin Morris	\$1,800	X	0	+	\$1,800	X	0	=	\$0	\$0
Equitable Gas Co. (Curtisville)	\$0	X	0	+	\$0	X	0	=	\$0	\$0
Fairmont Catholic Elementary	\$0	X	0	+	\$0	X	0	=	\$0	\$0
Fairmont City Hall	\$21,900	X	0	+	\$21,900	X	0	=	\$0	\$0
Fairmont Downtown Historic District		X	0	+		X	0	=	\$0	\$0
Fairmont Fire Dept.	\$6,800	X	0	+	\$6,800	X	0	=	\$0	\$220,000
Fairmont General Hospital	\$214,400	X	0	+	\$214,400	X	0	=	\$0	\$0
Fairmont Lumber & Construction	\$1,000	X	0	+	\$1,000	X	0	=	\$0	\$0
Fairmont Municipal Airport	\$0	X	0	+	\$0	X	0	=	\$0	\$0
Fairmont Normal School Administration Building	\$54,800	X	0	+	\$54,800	X	0	=	\$0	\$0
Fairmont Printing	\$5,000	X	0	+	\$5,000	X	0	=	\$0	\$0
Fairmont Rubber Products	\$30,000	X	0	+	\$30,000	X	0	=	\$0	\$0
Fairmont Shop & Save		X	0	+		X	0	=	\$0	\$0

Fairmont Specialty Services	\$50,000.00	X	0	+	\$50,000.00	X	0	=	\$0	\$0
Fairmont Sr. HS	\$12,900	X	0	+	\$12,900	X	0	=	\$0	\$0
Fairmont State College	\$55,900	X	0	+	\$55,900	X	0	=	\$0	\$0
Fairmont Tool, Inc.	\$10,000	X	0	+	\$10,000	X	0	=	\$0	\$0
Fairview ES	\$2,800	X	0	+	\$2,800	X	0	=	\$0	\$0
Fairview MS	\$2,700	X	0	+	\$2,700	X	0	=	\$0	\$0
Fairview Public Library	\$1,100	X	0	+	\$1,100	X	0	=	\$0	\$0
Fairview VFD	\$700	X	0	+	\$700	X	0	=	\$0	\$0
Farmington VFD	\$300	X	0	+	\$300	X	0	=	\$0	\$0
Fibernet	\$800	X	0	+	\$800	X	0	=	\$0	\$0
Gate Multimedia	\$0	X	0	+	\$0	X	0	=	\$0	\$0
Gompu-Press	\$300	X	0	+	\$300	X	0	=	\$0	\$0
Grant Town VFD	\$300	X	0	+	\$300	X	0	=	\$0	\$0
Hamilton Round Barn	\$0	X	0	+	\$0	X	0	=	\$0	\$12,500
Harry's Laminated Products	\$600	X	0	+	\$600	X	0	=	\$0	\$0
Hendershot Plumbing & Heating	\$2,100	X	0	+	\$2,100	X	0	=	\$0	\$0
Higgins & Sons, Inc.	\$2,000	X	0	+	\$2,000	X	0	=	\$0	\$0
High Level Bridge	\$0	X	0	+	\$0	X	0	=	\$0	\$0
IQI, Inc. (Interserv)		X	0	+		X	0	=	\$0	\$0
J & C Enterprises	\$5,000.00	X	0	+	\$5,000.00	X	0	=	\$0	\$0
J. Harper Building		X	0	+		X	0	=	\$0	\$0
Jacob Prickett, Jr. Log House	\$0	X	0	+	\$0	X	0	=	\$0	\$0
Jacobs Building		X	0	+		X	0	=	\$0	\$0
Jacobs-Hutchinson Block	\$0	X	0	+	\$0	X	0	=	\$0	\$0
Jayenne ES	\$2,900	X	0	+	\$2,900	X	0	=	\$0	\$0
Kennedy Plumbing & Heating	\$1,600	X	0	+	\$1,600	X	0	=	\$0	\$0
Kisner, Sm & Sons	\$3,000	X	0	+	\$3,000	X	0	=	\$0	\$0
Kvaerner Pulping, Inc.		X	0	+		X	0	=	\$0	\$0
Manchin Clinic	\$9,900	X	0	+	\$9,900	X	0	=	\$0	\$0
Mannington Historic District		X	0	+		X	0	=	\$0	\$0

Mannington Library	\$1,100	X	0	+	\$1,100	X	0	=	\$0	\$0
Mannington MS	\$5,800	X	2	+	\$5,800	X	0	=	\$11,600	\$987,420
Mannington VFD	\$300	X	2	+	\$300	X	0	=	\$600	\$20,600
Marion Co. BOE		X	0	+		X	0	=	\$0	\$0
Marion Co. Technical Center	\$500	X	0	+	\$500	X	0	=	\$0	\$0
Marion County Courthouse	\$68,500	X	0	+	\$68,500	X	0	=	\$0	\$0
Marion County Library	\$1,096	X	0	+	\$1,096	X	0	=	\$0	\$0
Mary Lou Reton Park Facilities		X	0	+		X	0	=	\$0	\$0
Miller Jr. HS	\$5,400	X	0	+	\$5,400	X	0	=	\$0	\$0
Mining Dynamics, Inc.	\$500.00	X	0	+	\$500.00	X	0	=	\$0	\$0
Monongah ES	\$5,000	X	0	+	\$5,000	X	0	=	\$0	\$0
Monongah MS	\$4,200	X	0	+	\$4,200	X	0	=	\$0	\$0
Monongah VFD	\$700	X	0	+	\$700	X	0	=	\$0	\$0
Mont Levine, Inc.	\$10,000	X	0	+	\$10,000	X	0	=	\$0	\$0
North Marion HS	\$13,500	X	0	+	\$13,500	X	0	=	\$0	\$0
Pleasant Valley ES	\$4,100	X	0	+	\$4,100	X	0	=	\$0	\$0
Presort Plus, Inc.	\$8,000.00	X	0	+	\$8,000.00	X	0	=	\$0	\$0
Prickett Bay Boat Launching	\$0	X	2	+	\$0	X	0	=	\$0	\$10,500
Railroads	\$0	X	0	+	\$0	X	0	=	\$0	\$1,509,414
Reiss Viking	\$15,000	X	0	+	\$15,000	X	0	=	\$0	\$0
Residences			0				0			\$82,672,877
Rivesville Elementary/ Middle School	\$4,300	X	0	+	\$4,300	X	0	=	\$0	\$0
Rivesville VFD	\$300	X	0	+	\$300	X	0	=	\$0	\$0
Roads	\$0	X	0	+	\$0	X	0	=	\$0	\$1,487,205
Ruskin Co.		X	0	+		X	0	=	\$0	\$0
Ruth Ann Musick Library	\$0	X	0	+	\$0	X	0	=	\$0	\$0
Schultz Machine Co., Inc.	\$15,000	X	0	+	\$15,000	X	0	=	\$0	\$0
Shaw House	\$0	X	0	+	\$0	X	0	=	\$0	\$0
Sheriff's Residence	\$200	X	0	+	\$200	X	0	=	\$0	\$0

Sign & More in 24	\$200.00	X	0	+	\$200.00	X	0	=	\$0	\$0
Steppingstone		X	0	+		X	0	=	\$0	\$0
Stickley, CW, Inc.		X	0	+		X	0	=	\$0	\$0
Temp Corp., Inc.	\$1,600	X	0	+	\$1,600	X	0	=	\$0	\$0
TMC Technologies, he.	\$0	X	0	+	\$0	X	0	=	\$0	\$0
Valley National Gasses Inc.		X	0	+		X	0	=	\$0	\$0
Valley VFD	\$300	X	0	+	\$300	X	0	=	\$0	\$0
Wastewater Treatment Plant	\$100,000	X	3	+	\$100,000	X	0	=	\$300,000	\$4,800,000
Water Treatment Plant	\$200,000	X	3	+	\$200,000	X	0	=	\$600,000	\$5,100,000
Wat-Mart	\$126,000	X	0	+	\$126,000	X	0	=	\$0	\$0
Watson ES	\$5,300	X	0	+	\$5,300	X	0	=	\$0	\$0
White Hall ES	\$2,700	X	0	+	\$2,700	X	0	=	\$0	\$0
Wilcox Rubber Stamps	\$100	X	0	+	\$100	X	0	=	\$0	\$0
Winfield Dist. VFD	\$700	X	0	+	\$700	X	0	=	\$0	\$0
Winner's Choice	\$5,000	X	0	+	\$5,000	X	0	=	\$0	\$0
Wishing Well Health Center		X	0	+		X	0	=	\$0	\$0
Worthington VFD	\$400	X	0	+	\$400	X	0	=	\$0	\$0
Worthington Park		X	0	+		X	0	=	\$0	\$0
									\$926,200	\$97,068,536

**Hazard: Earthquake**

Structure Loss						Contents Loss				
Name/Description of Asset	Structure Replacement Value (\$)	X	Percent Damage (%)	=	Loss to Structure (\$)	Replacement Value of Contents (\$)	X	Percent Damage (%)	=	Loss to Contents (\$)
Allegheny Energy Service Corp.		X	0%	=	\$0		X	0%	=	\$0
American Fiber Resources	\$5,000,000	X	0%	=	\$0	\$145,000,000	X	0%	=	\$0
American Fiber Resources, LLC	\$20,000,000.00	X	0%	=	\$0	\$320,000,000	X	0%	=	\$0
ANSER	\$120,000	X	0%	=	\$0	\$1,000,000	X	0%	=	\$0
Apostolic Christian Temple School	\$55,000	X		=	\$0	\$80,000	X	0%	=	\$0
Barnes ES	\$3,836,196	X	0%	=	\$0	\$3,836,196	X	0%	=	\$0
Barrackville Elementary/ Middle School	\$3,991,533	X	0%	=	\$0	\$3,991,533	X	0%	=	\$0
Barrackville Covered Bridge	\$150,000	X	0%	=	\$0	\$150,000	X	0%	=	\$0
Barrackville VFD	\$200,000	X	0%	=	\$0	\$1,000,000	X	0%	=	\$0
Baxter VFD	\$150,000	X	0%	=	\$0	\$1,000,000	X	0%	=	\$0
Bituminous Power Partners	\$1,000,000	X	0%	=	\$0	\$1,000,000	X	0%	=	\$0
Blackshere ES	\$4,040,400	X	0%	=	\$0	\$4,040,400	X	0%	=	\$0
Boothsville VFD	\$150,000	X	0%	=	\$0	\$1,000,000	X	0%	=	\$0
Boylen Timber Co	\$75,000.00	X	0%	=	\$0	\$160,000	X	0%	=	\$0
Bridges										
Bunners Ridge VFD	\$150,000	X	0%	=	\$0	\$1,000,000	X	0%	=	\$0
CAM Concepts, Inc.	\$200,000.00	X	0%	=	\$0	\$500,000	X	0%	=	\$0
Central Communications	\$140,760.00	X	0%	=	\$0	\$140,760	X	0%	=	\$0
Charles E. Haislip M.D., Inc.	\$1,500,000	X	0%	=	\$0	\$200,000	X	0%	=	\$0
Chem-Ray	\$207,000.00	X	0%	=	\$0	\$800,000	X	0%	=	\$0
CNC Industries, Inc.	\$607,200.00	X	0%	=	\$0	\$1,000,000	X	0%	=	\$0

Colonial Apartments		X	0%	=	\$0		X	0%	=	\$0
Concord Press	\$60,000.00	X	0%	=	\$0	\$500,000	X	0%	=	\$0
Consol Energy		X	0%	=	\$0		X	0%	=	\$0
County Jail	\$2,083,200.00	X	0%	=	\$0	\$2,083,200	X	0%	=	\$0
Dominion Hope		X	0%	=	\$0		X	0%	=	\$0
Dunbar MS	\$3,711,162	X	0%	=	\$0	\$3,711,162	X	0%	=	\$0
East Dale ES	\$3,120,936	X	0%	=	\$0	\$3,120,936	X	0%	=	\$0
East Fairmont HS	\$7,176,624	X	0%	=	\$0	\$7,176,624	X	0%	=	\$0
East Fairmont Jr. HS	\$16,835,000	X	0%	=	\$0	\$16,835,000	X	0%	=	\$0
East Marion Park Facilities	\$1,427,712.00	X	0%	=	\$0	\$1,427,712.00	X	0%	=	\$0
East Park ES	\$4,538,079	X	0%	=	\$0	\$4,538,079	X	0%	=	\$0
Eastern Associated Coal Corp.		X	0%	=	\$0		X	0%	=	\$0
Edwin Morris	\$400,000	X	0%	=	\$0	\$150,000	X	0%	=	\$0
Equitable Gas Co. (Curtisville)	\$1,000,000	X	0%	=	\$0	\$2,500,000	X	0%	=	\$0
Fairmont Catholic Elementary	\$2,490,000	X	0%	=	\$0	\$510,000	X	0%	=	\$0
Fairmont City Hall	\$1,000,000	X	0%	=	\$0	\$500,000	X	0%	=	\$0
Fairmont Downtown Historic District		X	0%	=	\$0		X	0%	=	\$0
Fairmont Fire Dept.	\$5,500,000	X	0%	=	\$0	\$1,900,000	X	0%	=	\$0
Fairmont General Hospital	\$100,000,000	X	0%	=	\$0	\$200,000,000	X	0%	=	\$0
Fairmont Lumber & Construction	\$134,000.00	X	0%	=	\$0	\$25,000	X	0%	=	\$0
Fairmont Municipal Airport		X	0%	=	\$0		X	0%	=	\$0
Fairmont Normal School Administration Building	\$7,945,000	X	0%	=	\$0	\$632,000	X	0%	=	\$0
Fairmont Printing	\$70,000	X	0%	=	\$0	\$3,000,000	X	0%	=	\$0
Fairmont Rubber Products	\$8,280,000	X	0%	=	\$0	\$2,000,000	X	0%	=	\$0
Fairmont Shop & Save		X	0%	=	\$0		X	0%	=	\$0

Fairmont Specialty Services	\$16,896,000	X	0%	=	\$0	\$14,500,000	X	0%	=	\$0
Fairmont Sr. HS	\$8,689,954	X	0%	=	\$0	\$8,689,954	X	0%	=	\$0
Fairmont State College	\$71,100,408	X	0%	=	\$0	\$30,471,603	X	0%	=	\$0
Fairmont Tool, Inc.	\$345,000	X	0%	=	\$0	\$10,000,000	X	0%	=	\$0
Fairview ES	\$2,006,550	X	0%	=	\$0	\$2,006,550	X	0%	=	\$0
Fairview MS	\$4,389,749	X	0%	=	\$0	\$4,389,749	X	0%	=	\$0
Fairview Public Library	\$400,000	X	0%	=	\$0	\$1,000,000	X	0%	=	\$0
Fairview VFD	\$500,000	X	0%	=	\$0	\$570,000	X	0%	=	\$0
Farmington VFD	\$200,000	X	0%	=	\$0	\$500,000	X	0%	=	\$0
Fibernet	\$90,000	X	0%	=	\$0	\$25,000	X	0%	=	\$0
Gate Multimedia	\$125,000	X	0%	=	\$0	\$50,000	X	0%	=	\$0
Gompu-Press	\$80,000	X	0%	=	\$0	\$20,000	X	0%	=	\$0
Grant Town VFD	\$200,000	X	0%	=	\$0	\$500,000	X	0%	=	\$0
Hamilton Round Barn	\$250,000	X	0%	=	\$0	\$15,000	X	0%	=	\$0
Harry's Laminated Products	\$279,450	X	0%	=	\$0	\$35,000	X	0%	=	\$0
Hendershot Plumbing & Heating	\$150,000	X	0%	=	\$0	\$12,000	X	0%	=	\$0
Higgins & Sons, Inc.	\$30,000	X	0%	=	\$0	\$15,000	X	0%	=	\$0
High Level Bridge	\$13,000,000	X	0%	=	\$0	\$13,000,000	X	0%	=	\$0
IQI, Inc. (Interserv)		X	0%	=	\$0		X	0%	=	\$0
J & C Enterprises	\$1,408,000	X	0%	=	\$0	\$175,000	X	0%	=	\$0
J. Harper Building	\$3,843,168	X	0%	=	\$0	\$3,843,168	X	0%	=	\$0
Jacob Prickett, Jr. Log House		X	0%	=	\$0		X	0%	=	\$0
Jacobs Building	\$2,719,500	X	0%	=	\$0	\$2,719,500	X	0%	=	\$0
Jacobs-Hutchinson Block		X	0%	=	\$0		X	0%	=	\$0
Jayenne ES	\$1,924,013	X	0%	=	\$0	\$1,924,013	X	0%	=	\$0
Kennedy Plumbing & Heating	\$217,500	X	0%	=	\$0	\$125,000	X	0%	=	\$0
Kisner, Sm & Sons	\$1,559,400	X	0%	=	\$0	\$100,000	X	0%	=	\$0
Kvaerner Pulping, Inc.		X	0%	=	\$0		X	0%	=	\$0
Manchin Clinic	\$2,200,000	X	0%	=	\$0	\$350,000	X	0%	=	\$0
Mannington Historic District		X	0%	=	\$0		X	0%	=	\$0

Mannington Library	\$75,000	X	0%	=	\$0	\$1,000,000	X	0%	=	\$0
Mannington MS	\$9,758,203	X	0%	=	\$0	\$9,758,203	X	0%	=	\$0
Mannington VFD	\$200,000	X	0%	=	\$0	\$450,000	X	0%	=	\$0
Marion Co. BOE		X	0%	=	\$0		X	0%	=	\$0
Marion Co. Technical Center	\$18,011,175	X	0%	=	\$0	\$18,011,175	X	0%	=	\$0
Marion County Courthouse	\$10,000,000	X	0%	=	\$0	\$1,500,000	X	0%	=	\$0
Marion County Library	\$1,452,000	X	0%	=	\$0	\$1,452,000	X	0%	=	\$0
Mary Lou Reton Park Facilities	\$413,600	X	0%	=	\$0	\$413,600	X	0%	=	\$0
Miller Jr. HS	\$5,925,465	X	0%	=	\$0	\$5,925,465	X	0%	=	\$0
Mining Dynamics, Inc.	\$110,000	X	0%	=	\$0	\$75,000	X	0%	=	\$0
Monongah ES	\$2,733,185	X	0%	=	\$0	\$2,733,185	X	0%	=	\$0
Monongah MS	\$3,557,372	X	0%	=	\$0	\$3,557,372	X	0%	=	\$0
Monongah VFD	\$600,000	X	0%	=	\$0	\$750,000	X	0%	=	\$0
Mont Levine, Inc.	\$400,000	X	0%	=	\$0	\$200,000	X	0%	=	\$0
North Marion HS	\$21,862,750	X	0%	=	\$0	\$21,862,750	X	0%	=	\$0
Pleasant Valley ES	\$2,505,048	X	0%	=	\$0	\$2,505,048	X	0%	=	\$0
Presort Plus, Inc.	\$80,000	X	0%	=	\$0	\$700,000	X	0%	=	\$0
Prickett Bay Boat Launching	\$75,000	X	0%	=	\$0	\$75,000	X	0%	=	\$0
Railroads	\$25,156,903	X	0%	=	\$0	\$25,156,903	X	0%	=	\$0
Reiss Viking	\$3,000,000	X	0%	=	\$0	\$8,000,000	X	0%	=	\$0
Residences	#####									
Rivesville Elementary/ Middle School	\$3,610,334	X	0%	=	\$0	\$3,610,334	X	0%	=	\$0
Rivesville VFD	\$150,000	X	0%	=	\$0	\$1,000,000	X	0%	=	\$0
Roads	\$29,744,100	X	0%	=	\$0		X	0%	=	\$0
Ruskin Co.		X	0%	=	\$0		X	0%	=	\$0
Ruth Ann Musick Library	\$5,633,193	X	0%	=	\$0	\$2,414,255	X	0%	=	\$0
Schultz Machine Co., Inc.	\$800,000	X	0%	=	\$0	\$1,250,000	X	0%	=	\$0
Shaw House		X	0%	=	\$0		X	0%	=	\$0
Sheriff's Residence	\$65,000	X	0%	=	\$0	\$20,000	X	0%	=	\$0

Sign & More in 24	\$255,200	X	0%	=	\$0	\$200,000	X	0%	=	\$0
Steppingstone	\$792,000	X	0%	=	\$0	\$792,000	X	0%	=	\$0
Stickley, CW, Inc.		X	0%	=	\$0		X	0%	=	\$0
Temp Corp., Inc.	\$320,000	X	0%	=	\$0	\$500,000	X	0%	=	\$0
TMC Technologies, he.	\$531,300	X	0%	=	\$0	\$300,000	X	0%	=	\$0
Valley National Gasses Inc.		X	0%	=	\$0		X	0%	=	\$0
Valley VFD	\$200,000	X	0%	=	\$0	\$500,000	X	0%	=	\$0
Wastewater Treatment Plant	\$10,000,000	X	0%	=	\$0	\$10,000,000	X	0%	=	\$0
Water Treatment Plant	\$10,000,000	X	0%	=	\$0	\$10,000,000	X	0%	=	\$0
Wat-Mart	\$6,231,000	X	0%	=	\$0	\$5,000,000	X	0%	=	\$0
Watson ES	\$3,127,579	X	0%	=	\$0	\$3,127,579	X	0%	=	\$0
White Hall ES	\$2,060,149	X	0%	=	\$0	\$2,060,149	X	0%	=	\$0
Wilcox Rubber Stamps	\$70,000	X	0%	=	\$0	\$30,000	X	0%	=	\$0
Winfield Dist. VFD	\$500,000	X	0%	=	\$0	\$570,000	X	0%	=	\$0
Winner's Choice	\$660,000	X	0%	=	\$0	\$750,000	X	0%	=	\$0
Wishing Well Health Center		X	0%	=	\$0		X	0%	=	\$0
Worthington VFD	\$300,000	X	0%	=	\$0	\$1,000,000	X	0%	=	\$0
Worthington Park	\$8,800	X	0%	=	\$0	\$8,800	X	0%	=	\$0
					\$0					\$0

**Hazard: Earthquake**

Structure Use and Function Loss										Structure + Contents + Function Loss
Name/Description of Asset	Average Daily Operating Budget (\$)	X	Functional Downtime (# of days)	+	Displacement Cost per Day (\$)	X	Displacement Time (Days)	=	Structure Use & Function Loss (\$)	
Allegheny Energy Service Corp.		X	0	+		X	0	=	\$0	\$0
American Fiber Resources	\$137,000	X	0	+	\$137,000	X	0	=	\$0	\$0
American Fiber Resources, LLC	\$100,000.00	X	0	+	\$100,000	X	0	=	\$0	\$0
ANSER	\$189,000	X	0	+	\$189,000	X	0	=	\$0	\$0
Apostolic Christian Temple School	\$400	X	0	+	\$400	X	0	=	\$0	\$0
Barnes ES	\$2,000	X	0	+	\$2,000	X	0	=	\$0	\$0
Barrackville Elementary/ Middle School	\$5,600	X	0	+	\$5,600	X	0	=	\$0	\$0
Barrackville Covered Bridge	\$0	X	0	+	\$0	X	0	=	\$0	\$0
Barrackville VFD	\$300	X	0	+	\$300	X	0	=	\$0	\$0
Baxter VFD	\$300	X	0	+	\$300	X	0	=	\$0	\$0
Bituminous Power Partners	\$79,500	X	0	+	\$79,500	X	0	=	\$0	\$0
Blackshere ES	\$7,000	X	0	+	\$7,000	X	0	=	\$0	\$0
Boothsville VFD	\$300	X	0	+	\$300	X	0	=	\$0	\$0
Boylen Timber Co	\$3,500	X	0	+	\$3,500	X	0	=	\$0	\$0
Bridges										
Bunners Ridge VFD	\$300	X	0	+	\$300	X	0	=	\$0	\$0
CAM Concepts, Inc.	\$1,000	X	0	+	\$1,000	X	0	=	\$0	\$0
Central Communications		X	0	+		X	0	=	\$0	\$0
Charles E. Haislip M.D., Inc.	\$2,100	X	0	+	\$2,100	X	0	=	\$0	\$0
Chem-Ray	\$10,000	X	0	+	\$10,000	X	0	=	\$0	\$0
CNC Industries, Inc.	\$5,000	X	0	+	\$5,000	X	0	=	\$0	\$0

Colonial Apartments		X	0	+		X	0	=	\$0	\$0
Concord Press	\$2,000	X	0	+	\$2,000	X	0	=	\$0	\$0
Consol Energy		X	0	+		X	0	=	\$0	\$0
County Jail		X	0	+		X	0	=	\$0	\$0
Dominion Hope		X	0	+		X	0	=	\$0	\$0
Dunbar MS	\$5,200	X	0	+	\$5,200	X	0	=	\$0	\$0
East Dale ES	\$8,500	X	0	+	\$8,500	X	0	=	\$0	\$0
East Fairmont HS	\$12,900	X	0	+	\$12,900	X	0	=	\$0	\$0
East Fairmont Jr. HS	\$5,900	X	0	+	\$5,900	X	0	=	\$0	\$0
East Marion Park Facilities		X	0	+		X	0	=	\$0	\$0
East Park ES	\$6,700	X	0	+	\$6,700	X	0	=	\$0	\$0
Eastern Associated Coal Corp.		X	0	+		X	0	=	\$0	\$0
Edwin Morris	\$1,800	X	0	+	\$1,800	X	0	=	\$0	\$0
Equitable Gas Co. (Curtisville)	\$0	X	0	+	\$0	X	0	=	\$0	\$0
Fairmont Catholic Elementary	\$0	X	0	+	\$0	X	0	=	\$0	\$0
Fairmont City Hall	\$21,900	X	0	+	\$21,900	X	0	=	\$0	\$0
Fairmont Downtown Historic District		X	0	+		X	0	=	\$0	\$0
Fairmont Fire Dept.	\$6,800	X	0	+	\$6,800	X	0	=	\$0	\$0
Fairmont General Hospital	\$214,400	X	0	+	\$214,400	X	0	=	\$0	\$0
Fairmont Lumber & Construction	\$1,000	X	0	+	\$1,000	X	0	=	\$0	\$0
Fairmont Municipal Airport	\$0	X	0	+	\$0	X	0	=	\$0	\$0
Fairmont Normal School Administration Building	\$54,800	X	0	+	\$54,800	X	0	=	\$0	\$0
Fairmont Printing	\$5,000	X	0	+	\$5,000	X	0	=	\$0	\$0
Fairmont Rubber Products	\$30,000	X	0	+	\$30,000	X	0	=	\$0	\$0
Fairmont Shop & Save		X	0	+		X	0	=	\$0	\$0

Fairmont Specialty Services	\$50,000	X	0	+	\$50,000	X	0	=	\$0	\$0
Fairmont Sr. HS	\$12,900	X	0	+	\$12,900	X	0	=	\$0	\$0
Fairmont State College	\$55,900	X	0	+	\$55,900	X	0	=	\$0	\$0
Fairmont Tool, Inc.	\$10,000	X	0	+	\$10,000	X	0	=	\$0	\$0
Fairview ES	\$2,800	X	0	+	\$2,800	X	0	=	\$0	\$0
Fairview MS	\$2,700	X	0	+	\$2,700	X	0	=	\$0	\$0
Fairview Public Library	\$1,100	X	0	+	\$1,100	X	0	=	\$0	\$0
Fairview VFD	\$700	X	0	+	\$700	X	0	=	\$0	\$0
Farmington VFD	\$300	X	0	+	\$300	X	0	=	\$0	\$0
Fibernet	\$800	X	0	+	\$800	X	0	=	\$0	\$0
Gate Multimedia	\$0	X	0	+	\$0	X	0	=	\$0	\$0
Gompu-Press	\$300	X	0	+	\$300	X	0	=	\$0	\$0
Grant Town VFD	\$300	X	0	+	\$300	X	0	=	\$0	\$0
Hamilton Round Barn	\$0	X	0	+	\$0	X	0	=	\$0	\$0
Harry's Laminated Products	\$600	X	0	+	\$600	X	0	=	\$0	\$0
Hendershot Plumbing & Heating	\$2,100	X	0	+	\$2,100	X	0	=	\$0	\$0
Higgins & Sons, Inc.	\$2,000	X	0	+	\$2,000	X	0	=	\$0	\$0
High Level Bridge	\$0	X	0	+	\$0	X	0	=	\$0	\$0
IQI, Inc. (Interserv)		X	0	+		X	0	=	\$0	\$0
J & C Enterprises	\$5,000	X	0	+	\$5,000	X	0	=	\$0	\$0
J. Harper Building		X	0	+		X	0	=	\$0	\$0
Jacob Prickett, Jr. Log House	\$0	X	0	+	\$0	X	0	=	\$0	\$0
Jacobs Building		X	0	+		X	0	=	\$0	\$0
Jacobs-Hutchinson Block	\$0	X	0	+	\$0	X	0	=	\$0	\$0
Jayenne ES	\$2,900	X	0	+	\$2,900	X	0	=	\$0	\$0
Kennedy Plumbing & Heating	\$1,600	X	0	+	\$1,600	X	0	=	\$0	\$0
Kisner, Sm & Sons	\$3,000	X	0	+	\$3,000	X	0	=	\$0	\$0
Kvaerner Pulping, Inc.		X	0	+		X	0	=	\$0	\$0
Manchin Clinic	\$9,900	X	0	+	\$9,900	X	0	=	\$0	\$0
Mannington Historic District		X	0	+		X	0	=	\$0	\$0

Mannington Library	\$1,100	X	0	+	\$1,100	X	0	=	\$0	\$0
Mannington MS	\$5,800	X	0	+	\$5,800	X	0	=	\$0	\$0
Mannington VFD	\$300	X	0	+	\$300	X	0	=	\$0	\$0
Marion Co. BOE		X	0	+		X	0	=	\$0	\$0
Marion Co. Technical Center	\$500	X	0	+	\$500	X	0	=	\$0	\$0
Marion County Courthouse	\$68,500	X	0	+	\$68,500	X	0	=	\$0	\$0
Marion County Library	\$1,096	X	0	+	\$1,096	X	0	=	\$0	\$0
Mary Lou Reton Park Facilities		X	0	+		X	0	=	\$0	\$0
Miller Jr. HS	\$5,400	X	0	+	\$5,400	X	0	=	\$0	\$0
Mining Dynamics, Inc.	\$500	X	0	+	\$500	X	0	=	\$0	\$0
Monongah ES	\$5,000	X	0	+	\$5,000	X	0	=	\$0	\$0
Monongah MS	\$4,200	X	0	+	\$4,200	X	0	=	\$0	\$0
Monongah VFD	\$700	X	0	+	\$700	X	0	=	\$0	\$0
Mont Levine, Inc.	\$10,000	X	0	+	\$10,000	X	0	=	\$0	\$0
North Marion HS	\$13,500	X	0	+	\$13,500	X	0	=	\$0	\$0
Pleasant Valley ES	\$4,100	X	0	+	\$4,100	X	0	=	\$0	\$0
Presort Plus, Inc.	\$8,000	X	0	+	\$8,000	X	0	=	\$0	\$0
Prickett Bay Boat Launching	\$0	X	0	+	\$0	X	0	=	\$0	\$0
Railroads	\$0	X	0	+	\$0	X	0	=	\$0	\$0
Reiss Viking	\$15,000	X	0	+	\$15,000	X	0	=	\$0	\$0
Residences			0				0			
Rivesville Elementary/ Middle School	\$4,300	X	0	+	\$4,300	X	0	=	\$0	\$0
Rivesville VFD	\$300	X	0	+	\$300	X	0	=	\$0	\$0
Roads	\$0	X	0	+	\$0	X	0	=	\$0	\$0
Ruskin Co.		X	0	+		X	0	=	\$0	\$0
Ruth Ann Musick Library	\$0	X	0	+	\$0	X	0	=	\$0	\$0
Schultz Machine Co., Inc.	\$15,000	X	0	+	\$15,000	X	0	=	\$0	\$0
Shaw House	\$0	X	0	+	\$0	X	0	=	\$0	\$0
Sheriff's Residence	\$200	X	0	+	\$200	X	0	=	\$0	\$0



### Hazard: Drought

Structure Loss						Contents Loss				
Name/Description of Asset	Structure Replacement Value (\$)	X	Percent Damage (%)	=	Loss to Structure (\$)	Replacement Value of Contents (\$)	X	Percent Damage (%)	=	Loss to Contents (\$)
Allegheny Energy Service Corp.		X	0%	=	\$0		X	0%	=	\$0
American Fiber Resources	\$5,000,000.00	X	0%	=	\$0	\$145,000,000	X	0%	=	\$0
American Fiber Resources, LLC	\$20,000,000.00	X	0%	=	\$0	\$320,000,000.00	X	0%	=	\$0
ANSER	\$120,000.00	X	0%	=	\$0	\$1,000,000	X	0%	=	\$0
Apostolic Christian Temple School	\$55,000.00	X		=	\$0	\$80,000	X	0%	=	\$0
Barnes ES	\$3,836,196.00	X	0%	=	\$0	\$3,836,196	X	0%	=	\$0
Barrackville Elementary/ Middle School	\$3,991,533.00	X	0%	=	\$0	\$3,991,533	X	0%	=	\$0
Barrackville Covered Bridge	\$150,000.00	X	0%	=	\$0	\$150,000	X	0%	=	\$0
Barrackville VFD	\$200,000.00	X	0%	=	\$0	\$1,000,000	X	0%	=	\$0
Baxter VFD	\$150,000.00	X	0%	=	\$0	\$1,000,000	X	0%	=	\$0
Bituminous Power Partners	\$1,000,000.00	X	0%	=	\$0	\$1,000,000	X	0%	=	\$0
Blackshere ES	\$4,040,400.00	X	0%	=	\$0	\$4,040,400	X	0%	=	\$0
Boothsville VFD	\$150,000.00	X	0%	=	\$0	\$1,000,000	X	0%	=	\$0
Boylen Timber Co	\$75,000.00	X	0%	=	\$0	\$160,000.00	X	0%	=	\$0
Bridges			0%							
Bunners Ridge VFD	\$150,000.00	X	0%	=	\$0	\$1,000,000	X	0%	=	\$0
CAM Concepts, Inc.	\$200,000.00	X	0%	=	\$0	\$500,000.00	X	0%	=	\$0
Central Communications	\$140,760.00	X	0%	=	\$0	\$140,760.00	X	0%	=	\$0
ChariesE. Haislip M.D., Inc.	\$1,500,000.00	X	0%	=	\$0	\$200,000	X	0%	=	\$0
Chem-Ray	\$207,000.00	X	0%	=	\$0	\$800,000.00	X	0%	=	\$0
CNC Industries, Inc.	\$607,200.00	X	0%	=	\$0	\$1,000,000.00	X	0%	=	\$0

Colonial Apartments		X	0%	=	\$0		X	0%	=	\$0
Concord Press	\$60,000.00	X	0%	=	\$0	\$500,000.00	X	0%	=	\$0
Consol Energy		X	0%	=	\$0		X	0%	=	\$0
County Jail	\$2,083,200.00	X	0%	=	\$0	\$2,083,200.00	X	0%	=	\$0
Dominion Hope		X	0%	=	\$0		X	0%	=	\$0
Dunbar MS	\$3,711,162.00	X	0%	=	\$0	\$3,711,162	X	0%	=	\$0
East Dale ES	\$3,120,936.00	X	0%	=	\$0	\$3,120,936	X	0%	=	\$0
East Fairmont HS	\$7,176,624.00	X	0%	=	\$0	\$7,176,624	X	0%	=	\$0
East Fairmont Jr. HS	\$16,835,000.00	X	0%	=	\$0	\$16,835,000	X	0%	=	\$0
East Marion Park Facilities	\$1,427,712.00	X	0%	=	\$0	\$1,427,712.00	X	0%	=	\$0
East Park ES	\$4,538,079.00	X	0%	=	\$0	\$4,538,079	X	0%	=	\$0
Eastern Associated Coal Corp.		X	0%	=	\$0		X	0%	=	\$0
Edwin Morris	\$400,000.00	X	0%	=	\$0	\$150,000	X	0%	=	\$0
Equitable Gas Co. (Curtisville)	\$1,000,000.00	X	0%	=	\$0	\$2,500,000	X	0%	=	\$0
Fairmont Catholic Elementary	\$2,490,000.00	X	0%	=	\$0	\$510,000	X	0%	=	\$0
Fairmont City Hall	\$1,000,000.00	X	0%	=	\$0	\$500,000	X	0%	=	\$0
Fairmont Downtown Historic District		X	0%	=	\$0		X	0%	=	\$0
Fairmont Fire Dept.	\$5,500,000.00	X	0%	=	\$0	\$1,900,000	X	0%	=	\$0
Fairmont General Hospital	\$100,000,000.00	X	0%	=	\$0	\$200,000,000	X	0%	=	\$0
Fairmont Lumber & Construction	\$134,000.00	X	0%	=	\$0	\$25,000.00	X	0%	=	\$0
Fairmont Municipal Airport		X	0%	=	\$0		X	0%	=	\$0
Fairmont Normal School Administration Building	\$7,945,000.00	X	0%	=	\$0	\$632,000	X	0%	=	\$0
Fairmont Printing	\$70,000.00	X	0%	=	\$0	\$3,000,000	X	0%	=	\$0
Fairmont Rubber Products	\$8,280,000.00	X	0%	=	\$0	\$2,000,000.00	X	0%	=	\$0
Fairmont Shop & Save		X	0%	=	\$0		X	0%	=	\$0

Fairmont Specialty Services	\$16,896,000.00	X	0%	=	\$0	\$14,500,000.00	X	0%	=	\$0
Fairmont Sr. HS	\$8,689,954.00	X	0%	=	\$0	\$8,689,954	X	0%	=	\$0
Fairmont State College	\$71,100,408.00	X	0%	=	\$0	\$30,471,603	X	0%	=	\$0
Fairmont Tool, Inc.	\$345,000.00	X	0%	=	\$0	\$10,000,000	X	0%	=	\$0
Fairview ES	\$2,006,550.00	X	0%	=	\$0	\$2,006,550	X	0%	=	\$0
Fairview MS	\$4,389,749.00	X	0%	=	\$0	\$4,389,749	X	0%	=	\$0
Fairview Public Library	\$400,000.00	X	0%	=	\$0	\$1,000,000	X	0%	=	\$0
Fairview VFD	\$500,000.00	X	0%	=	\$0	\$570,000	X	0%	=	\$0
Farmington VFD	\$200,000.00	X	0%	=	\$0	\$500,000	X	0%	=	\$0
Fibernet	\$90,000.00	X	0%	=	\$0	\$25,000	X	0%	=	\$0
Gate Multimedia	\$125,000.00	X	0%	=	\$0	\$50,000	X	0%	=	\$0
Gompu-Press	\$80,000.00	X	0%	=	\$0	\$20,000	X	0%	=	\$0
Grant Town VFD	\$200,000.00	X	0%	=	\$0	\$500,000	X	0%	=	\$0
Hamilton Round Barn	\$250,000.00	X	0%	=	\$0	\$15,000	X	0%	=	\$0
Harry's Laminated Products	\$279,450.00	X	0%	=	\$0	\$35,000	X	0%	=	\$0
Hendershot Plumbing & Heating	\$150,000.00	X	0%	=	\$0	\$12,000	X	0%	=	\$0
Higgins & Sons, Inc.	\$30,000.00	X	0%	=	\$0	\$15,000.00	X	0%	=	\$0
High Level Bridge	\$13,000,000.00	X	0%	=	\$0	\$13,000,000	X	0%	=	\$0
IQI, Inc. (Interserv)		X	0%	=	\$0		X	0%	=	\$0
J & C Enterprises	\$1,408,000.00	X	0%	=	\$0	\$175,000.00	X	0%	=	\$0
J. Harper Building	\$3,843,168.00	X	0%	=	\$0	\$3,843,168.00	X	0%	=	\$0
Jacob Prickett, Jr. Log House		X	0%	=	\$0		X	0%	=	\$0
Jacobs Building	\$2,719,500.00	X	0%	=	\$0	\$2,719,500.00	X	0%	=	\$0
Jacobs-Hutchinson Block		X	0%	=	\$0		X	0%	=	\$0
Jayenne ES	\$1,924,013.00	X	0%	=	\$0	\$1,924,013	X	0%	=	\$0
Kennedy Plumbing & Heating	\$217,500.00	X	0%	=	\$0	\$125,000.00	X	0%	=	\$0
Kisner, Sm & Sons	\$1,559,400.00	X	0%	=	\$0	\$100,000	X	0%	=	\$0
Kvaerner Pulping, Inc.		X	0%	=	\$0		X	0%	=	\$0
Manchin Clinic	\$2,200,000.00	X	0%	=	\$0	\$350,000	X	0%	=	\$0
Mannington Historic District		X	0%	=	\$0		X	0%	=	\$0

Mannington Library	\$75,000.00	X	0%	=	\$0	\$1,000,000	X	0%	=	\$0
Mannington MS	\$9,758,203.00	X	0%	=	\$0	\$9,758,203	X	0%	=	\$0
Mannington VFD	\$200,000.00	X	0%	=	\$0	\$450,000	X	0%	=	\$0
Marion Co. BOE		X	0%	=	\$0		X	0%	=	\$0
Marion Co. Technical Center	\$18,011,175.00	X	0%	=	\$0	\$18,011,175	X	0%	=	\$0
Marion County Courthouse	\$10,000,000.00	X	0%	=	\$0	\$1,500,000	X	0%	=	\$0
Marion County Library	\$1,452,000.00	X	0%	=	\$0	\$1,452,000.00	X	0%	=	\$0
Mary Lou Reton Park Facilities	\$413,600.00	X	0%	=	\$0	\$413,600.00	X	0%	=	\$0
Miller Jr. HS	\$5,925,465.00	X	0%	=	\$0	\$5,925,465	X	0%	=	\$0
Mining Dynamics, Inc.	\$110,000.00	X	0%	=	\$0	\$75,000.00	X	0%	=	\$0
Monongah ES	\$2,733,185.00	X	0%	=	\$0	\$2,733,185	X	0%	=	\$0
Monongah MS	\$3,557,372.00	X	0%	=	\$0	\$3,557,372	X	0%	=	\$0
Monongah VFD	\$600,000.00	X	0%	=	\$0	\$750,000	X	0%	=	\$0
Mont Levine, Inc.	\$400,000.00	X	0%	=	\$0	\$200,000	X	0%	=	\$0
North Marion HS	\$21,862,750.00	X	0%	=	\$0	\$21,862,750	X	0%	=	\$0
Pleasant Valley ES	\$2,505,048.00	X	0%	=	\$0	\$2,505,048	X	0%	=	\$0
Presort Plus, Inc.	\$80,000.00	X	0%	=	\$0	\$700,000.00	X	0%	=	\$0
Prickett Bay Boat Launching	\$75,000.00	X	0%	=	\$0	\$75,000	X	0%	=	\$0
Railroads	\$25,156,903.00	X	0%	=	\$0	\$25,156,903	X	0%	=	\$0
Reiss Viking	\$3,000,000.00	X	0%	=	\$0	\$8,000,000	X	0%	=	\$0
Residences			0%					0%		
Rivesville Elementary/ Middle School	\$3,610,334.00	X	0%	=	\$0	\$3,610,334	X	0%	=	\$0
Rivesville VFD	\$150,000.00	X	0%	=	\$0	\$1,000,000	X	0%	=	\$0
Roads	\$29,744,100.00	X	0%	=	\$0		X	0%	=	\$0
Ruskin Co.		X	0%	=	\$0		X	0%	=	\$0
Ruth Ann Musick Library	\$5,633,193.00	X	0%	=	\$0	\$2,414,255	X	0%	=	\$0
Schultz Machine Co., Inc.	\$800,000.00	X	0%	=	\$0	\$1,250,000.00	X	0%	=	\$0
Shaw House		X	0%	=	\$0		X	0%	=	\$0
Sheriff's Residence	\$65,000.00	X	0%	=	\$0	\$20,000	X	0%	=	\$0

Sign & More in 24	\$255,200.00	X	0%	=	\$0	\$200,000.00	X	0%	=	\$0
Steppingstone	\$792,000.00	X	0%	=	\$0	\$792,000.00	X	0%	=	\$0
Stickley, CW, Inc.		X	0%	=	\$0		X	0%	=	\$0
Temp Corp., Inc.	\$320,000.00	X	0%	=	\$0	\$500,000.00	X	0%	=	\$0
TMC Technologies, he.	\$531,300.00	X	0%	=	\$0	\$300,000	X	0%	=	\$0
Valley National Gasses Inc.		X	0%	=	\$0		X	0%	=	\$0
Valley VFD	\$200,000.00	X	0%	=	\$0	\$500,000	X	0%	=	\$0
Wastewater Treatment Plant	\$10,000,000.00	X	0%	=	\$0	\$10,000,000	X	0%	=	\$0
Water Treatment Plant	\$10,000,000.00	X	0%	=	\$0	\$10,000,000	X	0%	=	\$0
Wat-Mart	\$6,231,000.00	X	0%	=	\$0	\$5,000,000	X	0%	=	\$0
Watson ES	\$3,127,579.00	X	0%	=	\$0	\$3,127,579	X	0%	=	\$0
White Hall ES	\$2,060,149.00	X	0%	=	\$0	\$2,060,149	X	0%	=	\$0
Wilcox Rubber Stamps	\$70,000.00	X	0%	=	\$0	\$30,000.00	X	0%	=	\$0
Winfield Dist. VFD	\$500,000.00	X	0%	=	\$0	\$570,000	X	0%	=	\$0
Winner's Choice	\$660,000.00	X	0%	=	\$0	\$750,000.00	X	0%	=	\$0
Wishing Well Health Center		X	0%	=	\$0		X	0%	=	\$0
Worthington VFD	\$300,000.00	X	0%	=	\$0	\$1,000,000	X	0%	=	\$0
Worthington Park	\$8,800.00	X	0%	=	\$0	\$8,800.00	X	0%	=	\$0
					\$0					\$0

**Hazard: Drought**

Structure Use and Function Loss										Structure + Contents + Function Loss
Name/Description of Asset	Average Daily Operating Budget (\$)	X	Functional Downtime (# of days)	+	Displacement Cost per Day (\$)	X	Displacement Time (Days)	=	Structure Use & Function Loss (\$)	
Allegheny Energy Service Corp.		X	0	+		X	0	=	\$0	\$0
American Fiber Resources	\$137,000	X	0	+	\$137,000	X	0	=	\$0	\$0
American Fiber Resources, LLC	\$100,000.00	X	0	+	\$100,000.00	X	0	=	\$0	\$0
ANSER	\$189,000	X	0	+	\$189,000	X	0	=	\$0	\$0
Apostolic Christian Temple School	\$400	X	0	+	\$400	X	0	=	\$0	\$0
Barnes ES	\$2,000	X	0	+	\$2,000	X	0	=	\$0	\$0
Barrackville Elementary/ Middle School	\$5,600	X	0	+	\$5,600	X	0	=	\$0	\$0
Barrackville Covered Bridge	\$0	X	0	+	\$0	X	0	=	\$0	\$0
Barrackville VFD	\$300	X	0	+	\$300	X	0	=	\$0	\$0
Baxter VFD	\$300	X	0	+	\$300	X	0	=	\$0	\$0
Bituminous Power Partners	\$79,500	X	0	+	\$79,500	X	0	=	\$0	\$0
Blackshere ES	\$7,000	X	0	+	\$7,000	X	0	=	\$0	\$0
Boothsville VFD	\$300	X	0	+	\$300	X	0	=	\$0	\$0
Boylen Timber Co	\$3,500.00	X	0	+	\$3,500.00	X	0	=	\$0	\$0
Bridges			0							
Bunners Ridge VFD	\$300	X	0	+	\$300	X	0	=	\$0	\$0
CAM Concepts, Inc.	\$1,000	X	0	+	\$1,000	X	0	=	\$0	\$0
Central Communications		X	0	+		X	0	=	\$0	\$0
Charles E. Haislip M.D., Inc.	\$2,100	X	0	+	\$2,100	X	0	=	\$0	\$0
Chem-Ray	\$10,000.00	X	0	+	\$10,000.00	X	0	=	\$0	\$0
CNC Industries, Inc.	\$5,000.00	X	0	+	\$5,000.00	X	0	=	\$0	\$0

Colonial Apartments		X	0	+		X	0	=	\$0	\$0
Concord Press	\$2,000	X	0	+	\$2,000	X	0	=	\$0	\$0
Consol Energy		X	0	+		X	0	=	\$0	\$0
County Jail		X	0	+		X	0	=	\$0	\$0
Dominion Hope		X	0	+		X	0	=	\$0	\$0
Dunbar MS	\$5,200	X	0	+	\$5,200	X	0	=	\$0	\$0
East Dale ES	\$8,500	X	0	+	\$8,500	X	0	=	\$0	\$0
East Fairmont HS	\$12,900	X	0	+	\$12,900	X	0	=	\$0	\$0
East Fairmont Jr. HS	\$5,900	X	0	+	\$5,900	X	0	=	\$0	\$0
East Marion Park Facilities		X	0	+		X	0	=	\$0	\$0
East Park ES	\$6,700	X	0	+	\$6,700	X	0	=	\$0	\$0
Eastern Associated Coal Corp.		X	0	+		X	0	=	\$0	\$0
Edwin Morris	\$1,800	X	0	+	\$1,800	X	0	=	\$0	\$0
Equitable Gas Co. (Curtisville)	\$0	X	0	+	\$0	X	0	=	\$0	\$0
Fairmont Catholic Elementary	\$0	X	0	+	\$0	X	0	=	\$0	\$0
Fairmont City Hall	\$21,900	X	0	+	\$21,900	X	0	=	\$0	\$0
Fairmont Downtown Historic District		X	0	+		X	0	=	\$0	\$0
Fairmont Fire Dept.	\$6,800	X	0	+	\$6,800	X	0	=	\$0	\$0
Fairmont General Hospital	\$214,400	X	0	+	\$214,400	X	0	=	\$0	\$0
Fairmont Lumber & Construction	\$1,000	X	0	+	\$1,000	X	0	=	\$0	\$0
Fairmont Municipal Airport	\$0	X	0	+	\$0	X	0	=	\$0	\$0
Fairmont Normal School Administration Building	\$54,800	X	0	+	\$54,800	X	0	=	\$0	\$0
Fairmont Printing	\$5,000	X	0	+	\$5,000	X	0	=	\$0	\$0
Fairmont Rubber Products	\$30,000	X	0	+	\$30,000	X	0	=	\$0	\$0
Fairmont Shop & Save		X	0	+		X	0	=	\$0	\$0

Fairmont Specialty Services	\$50,000.00	X	0	+	\$50,000.00	X	0	=	\$0	\$0
Fairmont Sr. HS	\$12,900	X	0	+	\$12,900	X	0	=	\$0	\$0
Fairmont State College	\$55,900	X	0	+	\$55,900	X	0	=	\$0	\$0
Fairmont Tool, Inc.	\$10,000	X	0	+	\$10,000	X	0	=	\$0	\$0
Fairview ES	\$2,800	X	0	+	\$2,800	X	0	=	\$0	\$0
Fairview MS	\$2,700	X	0	+	\$2,700	X	0	=	\$0	\$0
Fairview Public Library	\$1,100	X	0	+	\$1,100	X	0	=	\$0	\$0
Fairview VFD	\$700	X	0	+	\$700	X	0	=	\$0	\$0
Farmington VFD	\$300	X	0	+	\$300	X	0	=	\$0	\$0
Fibernet	\$800	X	0	+	\$800	X	0	=	\$0	\$0
Gate Multimedia	\$0	X	0	+	\$0	X	0	=	\$0	\$0
Gompu-Press	\$300	X	0	+	\$300	X	0	=	\$0	\$0
Grant Town VFD	\$300	X	0	+	\$300	X	0	=	\$0	\$0
Hamilton Round Barn	\$0	X	0	+	\$0	X	0	=	\$0	\$0
Harry's Laminated Products	\$600	X	0	+	\$600	X	0	=	\$0	\$0
Hendershot Plumbing & Heating	\$2,100	X	0	+	\$2,100	X	0	=	\$0	\$0
Higgins & Sons, Inc.	\$2,000	X	0	+	\$2,000	X	0	=	\$0	\$0
High Level Bridge	\$0	X	0	+	\$0	X	0	=	\$0	\$0
IQI, Inc. (Interserv)		X	0	+		X	0	=	\$0	\$0
J & C Enterprises	\$5,000.00	X	0	+	\$5,000.00	X	0	=	\$0	\$0
J. Harper Building		X	0	+		X	0	=	\$0	\$0
Jacob Prickett, Jr. Log House	\$0	X	0	+	\$0	X	0	=	\$0	\$0
Jacobs Building		X	0	+		X	0	=	\$0	\$0
Jacobs-Hutchinson Block	\$0	X	0	+	\$0	X	0	=	\$0	\$0
Jayenne ES	\$2,900	X	0	+	\$2,900	X	0	=	\$0	\$0
Kennedy Plumbing & Heating	\$1,600	X	0	+	\$1,600	X	0	=	\$0	\$0
Kisner, Sm & Sons	\$3,000	X	0	+	\$3,000	X	0	=	\$0	\$0
Kvaerner Pulping, Inc.		X	0	+		X	0	=	\$0	\$0
Manchin Clinic	\$9,900	X	0	+	\$9,900	X	0	=	\$0	\$0
Mannington Historic District		X	0	+		X	0	=	\$0	\$0

Mannington Library	\$1,100	X	0	+	\$1,100	X	0	=	\$0	\$0
Mannington MS	\$5,800	X	0	+	\$5,800	X	0	=	\$0	\$0
Mannington VFD	\$300	X	0	+	\$300	X	0	=	\$0	\$0
Marion Co. BOE		X	0	+		X	0	=	\$0	\$0
Marion Co. Technical Center	\$500	X	0	+	\$500	X	0	=	\$0	\$0
Marion County Courthouse	\$68,500	X	0	+	\$68,500	X	0	=	\$0	\$0
Marion County Library	\$1,096	X	0	+	\$1,096	X	0	=	\$0	\$0
Mary Lou Reton Park Facilities		X	0	+		X	0	=	\$0	\$0
Miller Jr. HS	\$5,400	X	0	+	\$5,400	X	0	=	\$0	\$0
Mining Dynamics, Inc.	\$500.00	X	0	+	\$500.00	X	0	=	\$0	\$0
Monongah ES	\$5,000	X	0	+	\$5,000	X	0	=	\$0	\$0
Monongah MS	\$4,200	X	0	+	\$4,200	X	0	=	\$0	\$0
Monongah VFD	\$700	X	0	+	\$700	X	0	=	\$0	\$0
Mont Levine, Inc.	\$10,000	X	0	+	\$10,000	X	0	=	\$0	\$0
North Marion HS	\$13,500	X	0	+	\$13,500	X	0	=	\$0	\$0
Pleasant Valley ES	\$4,100	X	0	+	\$4,100	X	0	=	\$0	\$0
Presort Plus, Inc.	\$8,000.00	X	0	+	\$8,000.00	X	0	=	\$0	\$0
Prickett Bay Boat Launching	\$0	X	0	+	\$0	X	0	=	\$0	\$0
Railroads	\$0	X	0	+	\$0	X	0	=	\$0	\$0
Reiss Viking	\$15,000	X	0	+	\$15,000	X	0	=	\$0	\$0
Residences			0				0			
Rivesville Elementary/ Middle School	\$4,300	X	0	+	\$4,300	X	0	=	\$0	\$0
Rivesville VFD	\$300	X	0	+	\$300	X	0	=	\$0	\$0
Roads	\$0	X	0	+	\$0	X	0	=	\$0	\$0
Ruskin Co.		X	0	+		X	0	=	\$0	\$0
Ruth Ann Musick Library	\$0	X	0	+	\$0	X	0	=	\$0	\$0
Schultz Machine Co., Inc.	\$15,000	X	0	+	\$15,000	X	0	=	\$0	\$0
Shaw House	\$0	X	0	+	\$0	X	0	=	\$0	\$0
Sheriff's Residence	\$200	X	0	+	\$200	X	0	=	\$0	\$0



**Hazard: Dam Failure**

Name/Description of Asset	Structure Loss					Contents Loss				
	Structure Replacement Value (\$)	X	Percent Damage (%)	=	Loss to Structure (\$)	Replacement Value of Contents (\$)	X	Percent Damage (%)	=	Loss to Contents (\$)
Allegheny Energy Service Corp.		X	0%	=	\$0		X	0%	=	\$0
American Fiber Resources	\$5,000,000	X	0%	=	\$0	\$145,000,000	X	0%	=	\$0
American Fiber Resources, LLC	\$20,000,000	X	0%	=	\$0	\$320,000,000	X	0%	=	\$0
ANSER	\$120,000	X	0%	=	\$0	\$1,000,000	X	0%	=	\$0
Apostolic Christian Temple School	\$55,000	X		=	\$0	\$80,000	X	0%	=	\$0
Barnes ES	\$3,836,196	X	0%	=	\$0	\$3,836,196	X	0%	=	\$0
Barrackville Elementary/ Middle School	\$3,991,533	X	0%	=	\$0	\$3,991,533	X	0%	=	\$0
Barrackville Covered Bridge	\$150,000	X	15%	=	\$22,500	\$150,000	X	0%	=	\$0
Barrackville VFD	\$200,000	X	0%	=	\$0	\$1,000,000	X	0%	=	\$0
Baxter VFD	\$150,000	X	0%	=	\$0	\$1,000,000	X	0%	=	\$0
Bituminous Power Partners	\$1,000,000	X	0%	=	\$0	\$1,000,000	X	0%	=	\$0
Blackshere ES	\$4,040,400	X	0%	=	\$0	\$4,040,400	X	0%	=	\$0
Boothsville VFD	\$150,000	X	0%	=	\$0	\$1,000,000	X	0%	=	\$0
Boylen Timber Co	\$75,000	X	0%	=	\$0	\$160,000	X	0%	=	\$0
Bridges										
Bunners Ridge VFD	\$150,000	X	0%	=	\$0	\$1,000,000	X	0%	=	\$0
CAM Concepts, Inc.	\$200,000	X	0%	=	\$0	\$500,000	X	0%	=	\$0
Central Communications	\$140,760	X	0%	=	\$0	\$140,760	X	0%	=	
Charles E. Haislip M.D., Inc.	\$1,500,000	X	2%	=	\$30,000	\$200,000	X	1%	=	\$2,000
Chem-Ray	\$207,000	X	0%	=	\$0	\$800,000	X	0%	=	\$0
CNC Industries, Inc.	\$607,200	X	0%	=	\$0	\$1,000,000	X	0%	=	\$0

Colonial Apartments		X	0%	=	\$0		X	0%	=	\$0
Concord Press	\$60,000	X	0%	=	\$0	\$500,000	X	0%	=	\$0
Consol Energy		X	0%	=	\$0		X	0%	=	\$0
County Jail	\$2,083,200	X	0%	=	\$0	\$2,083,200	X	0%	=	\$0
Dominion Hope		X	0%	=	\$0		X	0%	=	\$0
Dunbar MS	\$3,711,162	X	0%	=	\$0	\$3,711,162	X	0%	=	\$0
East Dale ES	\$3,120,936	X	0%	=	\$0	\$3,120,936	X	0%	=	\$0
East Fairmont HS	\$7,176,624	X	0%	=	\$0	\$7,176,624	X	0%	=	\$0
East Fairmont Jr. HS	\$16,835,000	X	0%	=	\$0	\$16,835,000	X	0%	=	\$0
East Marion Park Facilities	\$1,427,712.00	X	0%	=	\$0	\$1,427,712	X	0%	=	\$0
East Park ES	\$4,538,079	X	0%	=	\$0	\$4,538,079	X	0%	=	\$0
Eastern Associated Coal Corp.		X	0%	=	\$0		X	0%	=	\$0
Edwin Morris	\$400,000	X	0%	=	\$0	\$150,000	X	0%	=	\$0
Equitable Gas Co. (Curtisville)	\$1,000,000	X	0%	=	\$0	\$2,500,000	X	0%	=	\$0
Fairmont Catholic Elementary	\$2,490,000	X	0%	=	\$0	\$510,000	X	0%	=	\$0
Fairmont City Hall	\$1,000,000	X	0%	=	\$0	\$500,000	X	0%	=	\$0
Fairmont Downtown Historic District		X	0%	=	\$0		X	0%	=	\$0
Fairmont Fire Dept.	\$5,500,000	X	0%	=	\$0	\$1,900,000	X	0%	=	\$0
Fairmont General Hospital	\$100,000,000	X	0%	=	\$0	\$200,000,000	X	0%	=	\$0
Fairmont Lumber & Construction	\$134,000	X	0%	=	\$0	\$25,000	X	0%	=	\$0
Fairmont Municipal Airport		X	0%	=	\$0		X	0%	=	\$0
Fairmont Normal School Administration Building	\$7,945,000	X	0%	=	\$0	\$632,000	X	0%	=	\$0
Fairmont Printing	\$70,000	X	0%	=	\$0	\$3,000,000	X	0%	=	\$0
Fairmont Rubber Products	\$8,280,000	X	0%	=	\$0	\$2,000,000	X	0%	=	\$0
Fairmont Shop & Save		X	0%	=	\$0		X	0%	=	\$0

Fairmont Specialty Services	\$16,896,000	X	0%	=	\$0	\$14,500,000	X	0%	=	\$0
Fairmont Sr. HS	\$8,689,954	X	0%	=	\$0	\$8,689,954	X	0%	=	\$0
Fairmont State College	\$71,100,408	X	0%	=	\$0	\$30,471,603	X	0%	=	\$0
Fairmont Tool, Inc.	\$345,000	X	0%	=	\$0	\$10,000,000	X	0%	=	\$0
Fairview ES	\$2,006,550	X	0%	=	\$0	\$2,006,550	X	0%	=	\$0
Fairview MS	\$4,389,749	X	0%	=	\$0	\$4,389,749	X	0%	=	\$0
Fairview Public Library	\$400,000	X	0%	=	\$0	\$1,000,000	X	0%	=	\$0
Fairview VFD	\$500,000	X	0%	=	\$0	\$570,000	X	0%	=	\$0
Farmington VFD	\$200,000	X	0%	=	\$0	\$500,000	X	0%	=	\$0
Fibernet	\$90,000	X	0%	=	\$0	\$25,000	X	0%	=	\$0
Gate Multimedia	\$125,000	X	0%	=	\$0	\$50,000	X	0%	=	\$0
Gompu-Press	\$80,000	X	0%	=	\$0	\$20,000	X	0%	=	\$0
Grant Town VFD	\$200,000	X	0%	=	\$0	\$500,000	X	0%	=	\$0
Hamilton Round Barn	\$250,000	X	0%	=	\$0	\$15,000	X	0%	=	\$0
Harry's Laminated Products	\$279,450	X	0%	=	\$0	\$35,000	X	0%	=	\$0
Hendershot Plumbing & Heating	\$150,000	X	0%	=	\$0	\$12,000	X	0%	=	\$0
Higgins & Sons, Inc.	\$30,000.00	X	0%	=	\$0	\$15,000	X	0%	=	\$0
High Level Bridge	\$13,000,000	X	0%	=	\$0	\$13,000,000	X	0%	=	\$0
IQI, Inc. (Interserv)		X	0%	=	\$0		X	0%	=	\$0
J & C Enterprises	\$1,408,000	X	0%	=	\$0	\$175,000	X	0%	=	\$0
J. Harper Building	\$3,843,168	X	0%	=	\$0	\$3,843,168	X	0%	=	\$0
Jacob Prickett, Jr. Log House		X	0%	=	\$0		X	0%	=	\$0
Jacobs Building	\$2,719,500	X	0%	=	\$0	\$2,719,500	X	0%	=	\$0
Jacobs-Hutchinson Block		X	0%	=	\$0		X	0%	=	\$0
Jayenne ES	\$1,924,013	X	0%	=	\$0	\$1,924,013	X	0%	=	\$0
Kennedy Plumbing & Heating	\$217,500	X	0%	=	\$0	\$125,000	X	0%	=	\$0
Kisner, Sm & Sons	\$1,559,400	X	0%	=	\$0	\$100,000	X	0%	=	\$0
Kvaerner Pulping, Inc.		X	0%	=	\$0		X	0%	=	\$0
Manchin Clinic	\$2,200,000	X		=	\$0	\$350,000	X	0%	=	\$0
Mannington Historic District		X	0%	=	\$0		X	0%	=	\$0

Mannington Library	\$75,000	X	0%	=	\$0	\$1,000,000	X	0%	=	\$0
Mannington MS	\$9,758,203	X	0%	=	\$0	\$9,758,203	X	0%	=	\$0
Mannington VFD	\$200,000	X	0%	=	\$0	\$450,000	X	0%	=	\$0
Marion Co. BOE		X	0%	=	\$0		X	0%	=	\$0
Marion Co. Technical Center	\$18,011,175	X	0%	=	\$0	\$18,011,175	X	0%	=	\$0
Marion County Courthouse	\$10,000,000	X	0%	=	\$0	\$1,500,000	X	0%	=	\$0
Marion County Library	\$1,452,000	X	0%	=	\$0	\$1,452,000	X	0%	=	\$0
Mary Lou Reton Park Facilities	\$413,600	X	0%	=	\$0	\$413,600	X	0%	=	\$0
Miller Jr. HS	\$5,925,465	X	0%	=	\$0	\$5,925,465	X	0%	=	\$0
Mining Dynamics, Inc.	\$110,000	X	0%	=	\$0	\$75,000	X	0%	=	\$0
Monongah ES	\$2,733,185	X	0%	=	\$0	\$2,733,185	X	0%	=	\$0
Monongah MS	\$3,557,372	X	0%	=	\$0	\$3,557,372	X	0%	=	\$0
Monongah VFD	\$600,000	X	0%	=	\$0	\$750,000	X	0%	=	\$0
Mont Levine, Inc.	\$400,000	X	0%	=	\$0	\$200,000	X	0%	=	\$0
North Marion HS	\$21,862,750	X	0%	=	\$0	\$21,862,750	X	0%	=	\$0
Pleasant Valley ES	\$2,505,048	X	0%	=	\$0	\$2,505,048	X	0%	=	\$0
Presort Plus, Inc.	\$80,000	X	0%	=	\$0	\$700,000	X	0%	=	\$0
Prickett Bay Boat Launching	\$75,000	X	9%	=	\$6,750	\$75,000	X	5%	=	\$3,750
Railroads	\$25,156,903	X	5%	=	\$1,257,845	\$25,156,903	X	2%	=	\$503,138
Reiss Viking	\$3,000,000	X	0%	=	\$0	\$8,000,000	X	0%	=	\$0
Residences	#####	X	5%	=	\$51,670,548					
Rivesville Elementary/ Middle School	\$3,610,334	X	0%	=	\$0	\$3,610,334	X	0%	=	\$0
Rivesville VFD	\$150,000	X	0%	=	\$0	\$1,000,000	X	0%	=	\$0
Roads	\$29,744,100	X	5%	=	\$1,487,205		X	0%	=	\$0
Ruskin Co.		X	0%	=	\$0		X	0%	=	\$0
Ruth Ann Musick Library	\$5,633,193	X	0%	=	\$0	\$2,414,255	X	0%	=	\$0
Schultz Machine Co., Inc.	\$800,000	X	0%	=	\$0	\$1,250,000	X	0%	=	\$0
Shaw House		X	0%	=	\$0		X	0%	=	\$0
Sheriff's Residence	\$65,000	X	0%	=	\$0	\$20,000	X	0%	=	\$0

Sign & More in 24	\$255,200	X	0%	=	\$0	\$200,000	X	0%	=	\$0
Steppingstone	\$792,000	X	0%	=	\$0	\$792,000	X	0%	=	\$0
Stickley, CW, Inc.		X	0%	=	\$0		X	0%	=	\$0
Temp Corp., Inc.	\$320,000	X	0%	=	\$0	\$500,000	X	0%	=	\$0
TMC Technologies, he.	\$531,300	X	0%	=	\$0	\$300,000	X	0%	=	\$0
Valley National Gasses Inc.		X	0%	=	\$0		X	0%	=	\$0
Valley VFD	\$200,000	X	0%	=	\$0	\$500,000	X	0%	=	\$0
Wastewater Treatment Plant	\$10,000,000	X	30%	=	\$3,000,000	\$10,000,000	X	15%	=	\$1,500,000
Water Treatment Plant	\$10,000,000	X	30%	=	\$3,000,000	\$10,000,000	X	15%	=	\$1,500,000
Wat-Mart	\$6,231,000	X	0%	=	\$0	\$5,000,000	X	0%	=	\$0
Watson ES	\$3,127,579	X	0%	=	\$0	\$3,127,579	X	0%	=	\$0
White Hall ES	\$2,060,149	X	0%	=	\$0	\$2,060,149	X	0%	=	\$0
Wilcox Rubber Stamps	\$70,000	X	0%	=	\$0	\$30,000	X	0%	=	\$0
Winfield Dist. VFD	\$500,000	X	0%	=	\$0	\$570,000	X	0%	=	\$0
Winner's Choice	\$660,000	X	0%	=	\$0	\$750,000	X	0%	=	\$0
Wishing Well Health Center		X	0%	=	\$0		X	0%	=	\$0
Worthington VFD	\$300,000	X	0%	=	\$0	\$1,000,000	X	0%	=	\$0
Worthington Park	\$8,800	X	0%	=	\$0	\$8,800	X	0%	=	\$0
					\$60,474,848					\$3,508,888

**Hazard: Dam Failure**

Structure Use and Function Loss										Structure + Contents + Function Loss
Name/Description of Asset	Average Daily Operating Budget (\$)	X	Functional Downtime (# of days)	+	Displacement Cost per Day (\$)	X	Displacement Time (Days)	=	Structure Use & Function Loss (\$)	
Allegheny Energy Service Corp.	\$0	X	0	+		X	0	=	\$0	\$0
American Fiber Resources	\$137,000	X	0	+	\$137,000	X	0	=	\$0	\$0
American Fiber Resources, LLC	\$100,000.00	X	0	+	\$100,000.00	X	0	=	\$0	\$0
ANSER	\$189,000	X	0	+	\$189,000	X	0	=	\$0	\$0
Apostolic Christian Temple School	\$400	X	0	+	\$400	X	0	=	\$0	\$0
Barnes ES	\$2,000	X	0	+	\$2,000	X	0	=	\$0	\$0
Barrackville Elementary/ Middle School	\$5,600	X	0	+	\$5,600	X	0	=	\$0	\$0
Barrackville Covered Bridge	\$0	X	0	+	\$0	X	0	=	\$0	\$22,500
Barrackville VFD	\$300	X	0	+	\$300	X	0	=	\$0	\$0
Baxter VFD	\$300	X	0	+	\$300	X	0	=	\$0	\$0
Bituminous Power Partners	\$79,500	X	0	+	\$79,500	X	0	=	\$0	\$0
Blackshere ES	\$7,000	X	0	+	\$7,000	X	0	=	\$0	\$0
Boothsville VFD	\$300	X	0	+	\$300	X	0	=	\$0	\$0
Boylen Timber Co	\$3,500.00	X	0	+	\$3,500.00	X	0	=	\$0	\$0
Bridges										\$0
Bunners Ridge VFD	\$300	X	0	+	\$300	X	0	=	\$0	\$0
CAM Concepts, Inc.	\$1,000	X	0	+	\$1,000	X	0	=	\$0	\$0
Central Communications		X	0	+		X	0	=	\$0	\$0
Charles E. Haislip M.D., Inc.	\$2,100	X	0	+	\$2,100	X	0	=	\$0	\$32,000
Chem-Ray	\$10,000.00	X	0	+	\$10,000.00	X	0	=	\$0	\$0
CNC Industries, Inc.	\$5,000.00	X	0	+	\$5,000.00	X	0	=	\$0	\$0

Colonial Apartments		X	0	+		X	0	=	\$0	\$0
Concord Press	\$2,000	X	0	+	\$2,000	X	0	=	\$0	\$0
Consol Energy		X	0	+		X	0	=	\$0	\$0
County Jail		X	0	+		X	0	=	\$0	\$0
Dominion Hope		X	0	+		X	0	=	\$0	\$0
Dunbar MS	\$5,200	X	0	+	\$5,200	X	0	=	\$0	\$0
East Dale ES	\$8,500	X	0	+	\$8,500	X	0	=	\$0	\$0
East Fairmont HS	\$12,900	X	0	+	\$12,900	X	0	=	\$0	\$0
East Fairmont Jr. HS	\$5,900	X	0	+	\$5,900	X	0	=	\$0	\$0
East Marion Park Facilities		X	0	+		X	0	=	\$0	\$0
East Park ES	\$6,700	X	0	+	\$6,700	X	0	=	\$0	\$0
Eastern Associated Coal Corp.		X	0	+		X	0	=	\$0	\$0
Edwin Morris	\$1,800	X	0	+	\$1,800	X	0	=	\$0	\$0
Equitable Gas Co. (Curtisville)	\$0	X	0	+	\$0	X	0	=	\$0	\$0
Fairmont Catholic Elementary	\$0	X	0	+	\$0	X	0	=	\$0	\$0
Fairmont City Hall	\$21,900	X	0	+	\$21,900	X	0	=	\$0	\$0
Fairmont Downtown Historic District		X	0	+		X	0	=	\$0	\$0
Fairmont Fire Dept.	\$6,800	X	0	+	\$6,800	X	0	=	\$0	\$0
Fairmont General Hospital	\$214,400	X	0	+	\$214,400	X	0	=	\$0	\$0
Fairmont Lumber & Construction	\$1,000	X	0	+	\$1,000	X	0	=	\$0	\$0
Fairmont Municipal Airport	\$0	X	0	+	\$0	X	0	=	\$0	\$0
Fairmont Normal School Administration Building	\$54,800	X	0	+	\$54,800	X	0	=	\$0	\$0
Fairmont Printing	\$5,000	X	0	+	\$5,000	X	0	=	\$0	\$0
Fairmont Rubber Products	\$30,000	X	0	+	\$30,000	X	0	=	\$0	\$0
Fairmont Shop & Save		X	0	+		X	0	=	\$0	\$0

Fairmont Specialty Services	\$50,000.00	X	0	+	\$50,000.00	X	0	=	\$0	\$0
Fairmont Sr. HS	\$12,900	X	0	+	\$12,900	X	0	=	\$0	\$0
Fairmont State College	\$55,900	X	0	+	\$55,900	X	0	=	\$0	\$0
Fairmont Tool, Inc.	\$10,000	X	0	+	\$10,000	X	0	=	\$0	\$0
Fairview ES	\$2,800	X	0	+	\$2,800	X	0	=	\$0	\$0
Fairview MS	\$2,700	X	0	+	\$2,700	X	0	=	\$0	\$0
Fairview Public Library	\$1,100	X	0	+	\$1,100	X	0	=	\$0	\$0
Fairview VFD	\$700	X	0	+	\$700	X	0	=	\$0	\$0
Farmington VFD	\$300	X	0	+	\$300	X	0	=	\$0	\$0
Fibernet	\$800	X	0	+	\$800	X	0	=	\$0	\$0
Gate Multimedia	\$0	X	0	+	\$0	X	0	=	\$0	\$0
Gompu-Press	\$300	X	0	+	\$300	X	0	=	\$0	\$0
Grant Town VFD	\$300	X	0	+	\$300	X	0	=	\$0	\$0
Hamilton Round Barn	\$0	X	0	+	\$0	X	0	=	\$0	\$0
Harry's Laminated Products	\$600	X	0	+	\$600	X	0	=	\$0	\$0
Hendershot Plumbing & Heating	\$2,100	X	0	+	\$2,100	X	0	=	\$0	\$0
Higgins & Sons, Inc.	\$2,000	X	0	+	\$2,000	X	0	=	\$0	\$0
High Level Bridge	\$0	X	0	+	\$0	X	0	=	\$0	\$0
IQI, Inc. (Interserv)		X	0	+		X	0	=	\$0	\$0
J & C Enterprises	\$5,000.00	X	0	+	\$5,000.00	X	0	=	\$0	\$0
J. Harper Building		X	0	+		X	0	=	\$0	\$0
Jacob Prickett, Jr. Log House	\$0	X	0	+	\$0	X	0	=	\$0	\$0
Jacobs Building		X	0	+		X	0	=	\$0	\$0
Jacobs-Hutchinson Block	\$0	X	0	+	\$0	X	0	=	\$0	\$0
Jayenne ES	\$2,900	X	0	+	\$2,900	X	0	=	\$0	\$0
Kennedy Plumbing & Heating	\$1,600	X	0	+	\$1,600	X	0	=	\$0	\$0
Kisner, Sm & Sons	\$3,000	X	0	+	\$3,000	X	0	=	\$0	\$0
Kvaerner Pulping, Inc.		X	0	+		X	0	=	\$0	\$0
Manchin Clinic	\$9,900	X	0	+	\$9,900	X	0	=	\$0	\$0
Mannington Historic District		X	0	+		X	0	=	\$0	\$0

Mannington Library	\$1,100	X	0	+	\$1,100	X	0	=	\$0	\$0
Mannington MS	\$5,800	X	0	+	\$5,800	X	0	=	\$0	\$0
Mannington VFD	\$300	X	0	+	\$300	X	0	=	\$0	\$0
Marion Co. BOE		X	0	+		X	0	=	\$0	\$0
Marion Co. Technical Center	\$500	X	0	+	\$500	X	0	=	\$0	\$0
Marion County Courthouse	\$68,500	X	0	+	\$68,500	X	0	=	\$0	\$0
Marion County Library	\$1,096	X	0	+	\$1,096	X	0	=	\$0	\$0
Mary Lou Reton Park Facilities		X	0	+		X	0	=	\$0	\$0
Miller Jr. HS	\$5,400	X	0	+	\$5,400	X	0	=	\$0	\$0
Mining Dynamics, Inc.	\$500.00	X	0	+	\$500.00	X	0	=	\$0	\$0
Monongah ES	\$5,000	X	0	+	\$5,000	X	0	=	\$0	\$0
Monongah MS	\$4,200	X	0	+	\$4,200	X	0	=	\$0	\$0
Monongah VFD	\$700	X	0	+	\$700	X	0	=	\$0	\$0
Mont Levine, Inc.	\$10,000	X	0	+	\$10,000	X	0	=	\$0	\$0
North Marion HS	\$13,500	X	0	+	\$13,500	X	0	=	\$0	\$0
Pleasant Valley ES	\$4,100	X	0	+	\$4,100	X	0	=	\$0	\$0
Presort Plus, Inc.	\$8,000.00	X	0	+	\$8,000.00	X	0	=	\$0	\$0
Prickett Bay Boat Launching	\$0	X	2	+	\$0	X	0	=	\$0	\$10,500
Railroads	\$0	X	0	+	\$0	X	0	=	\$0	\$1,760,983
Reiss Viking	\$15,000	X	0	+	\$15,000	X	0	=	\$0	\$0
Residences			0				0			\$51,670,548
Rivesville Elementary/ Middle School	\$4,300	X	0	+	\$4,300	X	0	=	\$0	\$0
Rivesville VFD	\$300	X	0	+	\$300	X	0	=	\$0	\$0
Roads	\$0	X	0	+	\$0	X	0	=	\$0	\$1,487,205
Ruskin Co.		X	0	+		X	0	=	\$0	\$0
Ruth Ann Musick Library	\$0	X	0	+	\$0	X	0	=	\$0	\$0
Schultz Machine Co., Inc.	\$15,000	X	0	+	\$15,000	X	0	=	\$0	\$0
Shaw House	\$0	X	0	+	\$0	X	0	=	\$0	\$0
Sheriff's Residence	\$200	X	0	+	\$200	X	0	=	\$0	\$0

Sign & More in 24	\$200.00	X	0	+	\$200.00	X	0	=	\$0	\$0
Steppingstone		X	0	+		X	0	=	\$0	\$0
Stickley, CW, Inc.		X	0	+		X	0	=	\$0	\$0
Temp Corp., Inc.	\$1,600	X	0	+	\$1,600	X	0	=	\$0	\$0
TMC Technologies, he.	\$0	X	0	+	\$0	X	0	=	\$0	\$0
Valley National Gasses Inc.		X	0	+		X	0	=	\$0	\$0
Valley VFD	\$300	X	0	+	\$300	X	0	=	\$0	\$0
Wastewater Treatment Plant	\$100,000	X	3	+	\$100,000	X	0	=	\$300,000	\$4,800,000
Water Treatment Plant	\$200,000	X	3	+	\$200,000	X	0	=	\$600,000	\$5,100,000
Wat-Mart	\$126,000	X	0	+	\$126,000	X	0	=	\$0	\$0
Watson ES	\$5,300	X	0	+	\$5,300	X	0	=	\$0	\$0
White Hall ES	\$2,700	X	0	+	\$2,700	X	0	=	\$0	\$0
Wilcox Rubber Stamps	\$100	X	0	+	\$100	X	0	=	\$0	\$0
Winfield Dist. VFD	\$700	X	0	+	\$700	X	0	=	\$0	\$0
Winner's Choice	\$5,000	X	0	+	\$5,000	X	0	=	\$0	\$0
Wishing Well Health Center		X	0	+		X	0	=	\$0	\$0
Worthington VFD	\$400	X	0	+	\$400	X	0	=	\$0	\$0
Worthington Park		X	0	+		X	0	=	\$0	\$0
									\$900,000	\$64,883,736

# **MONONGALIA COUNTY**

**Hazard: Dam Failure**

Type of Structure (Occupancy Class)	Number of Structures			Value of Structures			Number of People		
	# in Community or State	# in Hazard Area	% in Hazard Area	\$ in Community or State	\$ in Hazard Area	% in Hazard Area	# in Community or State	# in Hazard Area	% in Hazard Area
<i>Residential</i>	37,885	4,925	13	\$3,651,920,821	\$474,749,707	13	84,752	11,018	13
<i>Commercial</i>	2,049	779	38	\$347,142,232	\$131,914,048	38	17,692	6,723	38
<i>Industrial</i>	43	0	0	\$109,623,863	\$0	0	5,445	0	0
<i>Agricultural</i>	430	0	0	\$219,247,726	\$0	0	142	0	0
<i>Religious/Non-Profit</i>	115	9	8	\$17,250,000	\$1,380,000	8	5,750	460	8
<i>Government</i>	6	1	13	\$237,518,369	\$30,877,388	13	12,347	1,605	13
<i>Education</i>	27	5	20	\$139,482,513	\$27,896,503	20	10,163	2,033	20
<i>Utilities</i>	203	67	33	\$256,778,511	\$84,736,909	33	1,292	426	33
<b>Total</b>	<b>40,758</b>	<b>5,786</b>	<b>14</b>	<b>\$4,978,964,035</b>	<b>\$751,554,554</b>	<b>15</b>	<b>137,583</b>	<b>22,265</b>	<b>16</b>

- |   | Yes | No |
|---|-----|----|
| 1. Do you know where your greatest damages may occur in your hazard areas?  | X   |    |
| 2. Do you know whether your critical facilities will be operational after a hazard event?   | X   |    |
| 3. Is there enough data to determine which assets are subject to the greatest potential damages?  | X   |    |
| 4. Is there enough data to determine whether significant elements of the community are vulnerable to potential hazards?   | X   |    |
| 5. Is there enough data to determine whether certain areas of historic, environmental, political, or cultural significance are vulnerable to potential hazards? | X   |    |
| 6. Is there concern about a particular hazard because of its severity, repetitiveness, or likelihood of occurrence?   | X   |    |
| 7. Is additional data needed to justify the expenditure of community or state funds for mitigation initiatives?   |     | X  |

**Hazard: Drought**

Type of Structure (Occupancy Class)	Number of Structures			Value of Structures			Number of People		
	# in Community or State	# in Hazard Area	% in Hazard Area	\$ in Community or State	\$ in Hazard Area	% in Hazard Area	# in Community or State	# in Hazard Area	% in Hazard Area
<i>Residential</i>	37,885	1,137	3	\$3,651,920,821	\$109,557,625	3	84,752	2,543	3
<i>Commercial</i>	2,049	20	1	\$347,142,232	\$3,471,422	1	17,692	177	1
<i>Industrial</i>	43	0	1	\$109,623,863	\$1,096,239	1	5,445	54	1
<i>Agricultural</i>	430	430	100	\$219,247,726	\$219,247,726	100	142	142	100
<i>Religious/Non-Profit</i>	115	5	4	\$17,250,000	\$690,000	4	5,750	230	4
<i>Government</i>	6	1	11	\$237,518,369	\$26,127,021	11	12,347	1,358	11
<i>Education</i>	27	0	1	\$139,482,513	\$1,394,825	1	10,163	102	1
<i>Utilities</i>	203	51	25	\$256,778,511	\$64,194,628	25	1,292	323	25
<b>Total</b>	<b>40,758</b>	<b>1,644</b>	<b>4</b>	<b>\$4,978,964,035</b>	<b>\$425,779,485</b>	<b>9</b>	<b>137,583</b>	<b>4,929</b>	<b>4</b>

- |   | Yes      | No       |
|---|----------|----------|
| 1. Do you know where your greatest damages may occur in your hazard areas?  | <b>X</b> |          |
| 2. Do you know whether your critical facilities will be operational after a hazard event?   | <b>X</b> |          |
| 3. Is there enough data to determine which assets are subject to the greatest potential damages?  | <b>X</b> |          |
| 4. Is there enough data to determine whether significant elements of the community are vulnerable to potential hazards?   | <b>X</b> |          |
| 5. Is there enough data to determine whether certain areas of historic, environmental, political, or cultural significance are vulnerable to potential hazards? | <b>X</b> |          |
| 6. Is there concern about a particular hazard because of its severity, repetitiveness, or likelihood of occurrence?   | <b>X</b> |          |
| 7. Is additional data needed to justify the expenditure of community or state funds for mitigation initiatives?   |          | <b>X</b> |

**Hazard: Earthquake**

Type of Structure (Occupancy Class)	Number of Structures			Value of Structures			Number of People		
	# in Community or State	# in Hazard Area	% in Hazard Area	\$ in Community or State	\$ in Hazard Area	% in Hazard Area	# in Community or State	# in Hazard Area	% in Hazard Area
<i>Residential</i>	37,885	0	0	\$3,651,920,821	\$0	0	84,752	0	0
<i>Commercial</i>	2,049	0	0	\$347,142,232	\$0	0	17,692	0	0
<i>Industrial</i>	43	0	0	\$109,623,863	\$0	0	5,445	0	0
<i>Agricultural</i>	430	0	0	\$219,247,726	\$0	0	142	0	0
<i>Religious/Non-Profit</i>	115	0	0	\$17,250,000	\$0	0	5,750	0	0
<i>Government</i>	6	0	0	\$237,518,369	\$0	0	12,347	0	0
<i>Education</i>	27	0	0	\$139,482,513	\$0	0	10,163	0	0
<i>Utilities</i>	203	0	0	\$256,778,511	\$0	0	1,292	0	0
<b>Total</b>	<b>40,758</b>	<b>0</b>	<b>0</b>	<b>\$4,978,964,035</b>	<b>\$0</b>	<b>0</b>	<b>137,583</b>	<b>0</b>	<b>0</b>

	Yes	No
1. Do you know where your greatest damages may occur in your hazard areas?	X	
2. Do you know whether your critical facilities will be operational after a hazard event?	X	
3. Is there enough data to determine which assets are subject to the greatest potential damages?	X	
4. Is there enough data to determine whether significant elements of the community are vulnerable to potential hazards?	X	
5. Is there enough data to determine whether certain areas of historic, environmental, political, or cultural significance are vulnerable to potential hazards?	X	
6. Is there concern about a particular hazard because of its severity, repetitiveness, or likelihood of occurrence?	X	
7. Is additional data needed to justify the expenditure of community or state funds for mitigation initiatives?		X

**Hazard: Flooding**

Type of Structure (Occupancy Class)	Number of Structures			Value of Structures			Number of People		
	# in Community or State	# in Hazard Area	% in Hazard Area	\$ in Community or State	\$ in Hazard Area	% in Hazard Area	# in Community or State	# in Hazard Area	% in Hazard Area
<i>Residential</i>	37,885	4167	22	\$3,651,920,821	\$438,230,499	12	84,752	9,323	11
<i>Commercial</i>	2,049	102	1	\$347,142,232	\$5,784,883	2	17,692	885	5
<i>Industrial</i>	43	1	0	\$109,623,863	\$8,633,499	7	5,445	81	2
<i>Agricultural</i>	430	27	0	\$219,247,726	\$340,000	0	142	9	6
<i>Religious/Non-Profit</i>	115	14	0	\$17,250,000	\$500,000	3	5,750	690	12
<i>Government</i>	6	0	0	\$237,518,369	\$1,239,617	1	12,347	370	3
<i>Education</i>	27	1	0	\$139,482,513	\$13,490,641	1	10,163	254	2
<i>Utilities</i>	203	2	1	\$256,778,511	\$3,120,000	1	1,292	154	12
<b>Total</b>	<b>40,758</b>	<b>4,314</b>	<b>24</b>	<b>\$4,978,964,035</b>	<b>\$471,339,139</b>	<b>24</b>	<b>137,583</b>	<b>11,766</b>	<b>9</b>

- |   | Yes | No |
|---|-----|----|
| 1. Do you know where your greatest damages may occur in your hazard areas?  | X   |    |
| 2. Do you know whether your critical facilities will be operational after a hazard event?   | X   |    |
| 3. Is there enough data to determine which assets are subject to the greatest potential damages?  | X   |    |
| 4. Is there enough data to determine whether significant elements of the community are vulnerable to potential hazards?   | X   |    |
| 5. Is there enough data to determine whether certain areas of historic, environmental, political, or cultural significance are vulnerable to potential hazards? | X   |    |
| 6. Is there concern about a particular hazard because of its severity, repetitiveness, or likelihood of occurrence?   | X   |    |
| 7. Is additional data needed to justify the expenditure of community or state funds for mitigation initiatives?   |     | X  |

**Hazard: Hailstorm**

Type of Structure (Occupancy Class)	Number of Structures			Value of Structures			Number of People		
	# in Community or State	# in Hazard Area	% in Hazard Area	\$ in Community or State	\$ in Hazard Area	% in Hazard Area	# in Community or State	# in Hazard Area	% in Hazard Area
<i>Residential</i>	37,885	758	2	\$3,651,920,821	\$109,557,625	3	84,752	1,695	2
<i>Commercial</i>	2,049	61	3	\$347,142,232	\$10,414,267	3	17,692	531	3
<i>Industrial</i>	43	1	3	\$109,623,863	\$3,288,716	3	5,445	163	3
<i>Agricultural</i>	430	4	1	\$219,247,726	\$2,192,477	1	142	1	1
<i>Religious/Non-Profit</i>	115	1	1	\$17,250,000	\$172,500	1	5,750	58	1
<i>Government</i>	6	0	5	\$237,518,369	\$11,875,918	5	12,347	617	5
<i>Education</i>	27	2	9	\$139,482,513	\$12,553,426	9	10,163	915	9
<i>Utilities</i>	203	20	10	\$256,778,511	\$25,677,851	10	1,292	129	10
<b>Total</b>	<b>40,758</b>	<b>849</b>	<b>2</b>	<b>\$4,978,964,035</b>	<b>\$175,732,780</b>	<b>4</b>	<b>137,583</b>	<b>4,109</b>	<b>3</b>

	Yes	No
1. Do you know where your greatest damages may occur in your hazard areas?	X	
2. Do you know whether your critical facilities will be operational after a hazard event?	X	
3. Is there enough data to determine which assets are subject to the greatest potential damages?	X	
4. Is there enough data to determine whether significant elements of the community are vulnerable to potential hazards?	X	
5. Is there enough data to determine whether certain areas of historic, environmental, political, or cultural significance are vulnerable to potential hazards?	X	
6. Is there concern about a particular hazard because of its severity, repetitiveness, or likelihood of occurrence?	X	
7. Is additional data needed to justify the expenditure of community or state funds for mitigation initiatives?		X

### Hazard: Land Subsidence

Type of Structure (Occupancy Class)	Number of Structures			Value of Structures			Number of People		
	# in Community or State	# in Hazard Area	% in Hazard Area	\$ in Community or State	\$ in Hazard Area	% in Hazard Area	# in Community or State	# in Hazard Area	% in Hazard Area
<i>Residential</i>	37,885	10,608	28	\$3,651,920,821	\$1,022,537,830	28	84,752	23,731	28
<i>Commercial</i>	2,049	246	12	\$347,142,232	\$41,657,068	12	17,692	2,123	12
<i>Industrial</i>	43	3	8	\$109,623,863	\$8,769,909	8	5,445	436	8
<i>Agricultural</i>	430	194	45	\$219,247,726	\$98,661,477	45	142	64	45
<i>Religious/Non-Profit</i>	115	6	5	\$17,250,000	\$862,500	5	5,750	288	5
<i>Government</i>	6	1	15	\$237,518,369	\$35,627,755	15	12,347	1,852	15
<i>Education</i>	27	3	10	\$139,482,513	\$13,948,251	10	10,163	1,016	10
<i>Utilities</i>	203	41	20	\$256,778,511	\$51,355,702	20	1,292	258	20
<b>Total</b>	<b>40,758</b>	<b>11,101</b>	<b>27</b>	<b>\$4,978,964,035</b>	<b>\$1,273,420,492</b>	<b>26</b>	<b>137,583</b>	<b>29,767</b>	<b>22</b>

	Yes	No
1. Do you know where your greatest damages may occur in your hazard areas?	X	
2. Do you know whether your critical facilities will be operational after a hazard event?	X	
3. Is there enough data to determine which assets are subject to the greatest potential damages?	X	
4. Is there enough data to determine whether significant elements of the community are vulnerable to potential hazards?	X	
5. Is there enough data to determine whether certain areas of historic, environmental, political, or cultural significance are vulnerable to potential hazards?	X	
6. Is there concern about a particular hazard because of its severity, repetitiveness, or likelihood of occurrence?	X	
7. Is additional data needed to justify the expenditure of community or state funds for mitigation initiatives?		X

**Hazard: Thunderstorm/Lightning**

Type of Structure (Occupancy Class)	Number of Structures			Value of Structures			Number of People		
	# in Community or State	# in Hazard Area	% in Hazard Area	\$ in Community or State	\$ in Hazard Area	% in Hazard Area	# in Community or State	# in Hazard Area	% in Hazard Area
<i>Residential</i>	37,885	7,577	20	\$3,651,920,821	\$730,384,164	20	84,752	16,950	20
<i>Commercial</i>	2,049	1,373	67	\$347,142,232	\$232,585,295	67	17,692	11,854	67
<i>Industrial</i>	43	15	35	\$109,623,863	\$38,368,352	35	5,445	1,906	35
<i>Agricultural</i>	430	34	8	\$219,247,726	\$17,539,818	8	142	11	8
<i>Religious/Non-Profit</i>	115	55	48	\$17,250,000	\$8,280,000	48	5,750	2,760	48
<i>Government</i>	6	3	53	\$237,518,369	\$125,884,736	53	12,347	6,544	53
<i>Education</i>	27	11	40	\$139,482,513	\$55,793,005	40	10,163	4,065	40
<i>Utilities</i>	203	102	50	\$256,778,511	\$128,389,256	50	1,292	646	50
<b>Total</b>	<b>40,758</b>	<b>9,170</b>	<b>22</b>	<b>\$4,978,964,035</b>	<b>\$1,337,224,626</b>	<b>27</b>	<b>137,583</b>	<b>44,736</b>	<b>33</b>

- |   |            |           |
|---|------------|-----------|
|   | <b>Yes</b> | <b>No</b> |
| 1. Do you know where your greatest damages may occur in your hazard areas?  | X          |           |
| 2. Do you know whether your critical facilities will be operational after a hazard event?   | X          |           |
| 3. Is there enough data to determine which assets are subject to the greatest potential damages?  | X          |           |
| 4. Is there enough data to determine whether significant elements of the community are vulnerable to potential hazards?   | X          |           |
| 5. Is there enough data to determine whether certain areas of historic, environmental, political, or cultural significance are vulnerable to potential hazards? | X          |           |
| 6. Is there concern about a particular hazard because of its severity, repetitiveness, or likelihood of occurrence?   | X          |           |
| 7. Is additional data needed to justify the expenditure of community or state funds for mitigation initiatives?   |            | X         |

**Hazard: Wildfire**

Type of Structure (Occupancy Class)	Number of Structures			Value of Structures			Number of People		
	# in Community or State	# in Hazard Area	% in Hazard Area	\$ in Community or State	\$ in Hazard Area	% in Hazard Area	# in Community or State	# in Hazard Area	% in Hazard Area
<i>Residential</i>	37,885	25,762	68	\$3,651,920,821	\$2,483,306,158	68	84,752	57,631	68
<i>Commercial</i>	2,049	676	33	\$347,142,232	\$114,556,937	33	17,692	5,838	33
<i>Industrial</i>	43	80	21	\$109,623,863	\$25,900,497	24	5,445	850	21
<i>Agricultural</i>	430	396	92	\$219,247,726	\$201,707,908	92	142	131	92
<i>Religious/Non-Profit</i>	115	60	52	\$17,250,000	\$8,970,000	52	5,750	2,990	52
<i>Government</i>	6	3	47	\$237,518,369	\$111,633,633	47	12,347	5,803	47
<i>Education</i>	27	16	60	\$139,482,513	\$83,689,508	60	10,163	6,098	60
<i>Utilities</i>	203	3	1	\$256,778,511	\$20,542,281	8	1,292	103	8
<b>Total</b>	<b>40,758</b>	<b>26,995</b>	<b>66</b>	<b>\$4,978,964,035</b>	<b>\$3,050,306,922</b>	<b>61</b>	<b>137,583</b>	<b>79,445</b>	<b>58</b>

	Yes	No
1. Do you know where your greatest damages may occur in your hazard areas?	<input checked="" type="checkbox"/>	
2. Do you know whether your critical facilities will be operational after a hazard event?	<input checked="" type="checkbox"/>	
3. Is there enough data to determine which assets are subject to the greatest potential damages?	<input checked="" type="checkbox"/>	
4. Is there enough data to determine whether significant elements of the community are vulnerable to potential hazards?	<input checked="" type="checkbox"/>	
5. Is there enough data to determine whether certain areas of historic, environmental, political, or cultural significance are vulnerable to potential hazards?	<input checked="" type="checkbox"/>	
6. Is there concern about a particular hazard because of its severity, repetitiveness, or likelihood of occurrence?	<input checked="" type="checkbox"/>	
7. Is additional data needed to justify the expenditure of community or state funds for mitigation initiatives?		<input checked="" type="checkbox"/>

### Hazard: Wind Storm/Tornado

Type of Structure (Occupancy Class)	Number of Structures			Value of Structures			Number of People		
	# in Community or State	# in Hazard Area	% in Hazard Area	\$ in Community or State	\$ in Hazard Area	% in Hazard Area	# in Community or State	# in Hazard Area	% in Hazard Area
<i>Residential</i>	37,885	26,520	70	\$3,651,920,821	\$2,556,344,575	70	84,752	16,950	20
<i>Commercial</i>	2,049	1,332	65	\$347,142,232	\$225,642,451	65	17,692	11,500	65
<i>Industrial</i>	43	234	62	\$109,623,863	\$67,966,795	62	5,445	3,376	62
<i>Agricultural</i>	430	40	9	\$219,247,726	\$54,811,932	25	142	36	25
<i>Religious/Non-Profit</i>	115	43	37	\$17,250,000	\$6,382,500	37	5,750	2,128	37
<i>Government</i>	6	3	53	\$237,518,369	\$125,884,736	53	12,347	6,544	53
<i>Education</i>	27	11	40	\$139,482,513	\$55,793,005	40	10,163	4,065	40
<i>Utilities</i>	203	102	50	\$256,778,511	\$128,389,256	50	1,292	646	50
<b>Total</b>	<b>40,758</b>	<b>28,283</b>	<b>69</b>	<b>\$4,978,964,035</b>	<b>\$3,221,215,248</b>	<b>65</b>	<b>137,583</b>	<b>45,244</b>	<b>33</b>

- |   | Yes                                 | No                                  |
|---|-------------------------------------|-------------------------------------|
| 1. Do you know where your greatest damages may occur in your hazard areas?  | <input checked="" type="checkbox"/> |                                     |
| 2. Do you know whether your critical facilities will be operational after a hazard event?   | <input checked="" type="checkbox"/> |                                     |
| 3. Is there enough data to determine which assets are subject to the greatest potential damages?  | <input checked="" type="checkbox"/> |                                     |
| 4. Is there enough data to determine whether significant elements of the community are vulnerable to potential hazards?   | <input checked="" type="checkbox"/> |                                     |
| 5. Is there enough data to determine whether certain areas of historic, environmental, political, or cultural significance are vulnerable to potential hazards? | <input checked="" type="checkbox"/> |                                     |
| 6. Is there concern about a particular hazard because of its severity, repetitiveness, or likelihood of occurrence?   | <input checked="" type="checkbox"/> |                                     |
| 7. Is additional data needed to justify the expenditure of community or state funds for mitigation initiatives?   |                                     | <input checked="" type="checkbox"/> |

**Hazard: Winter Storm**

Type of Structure (Occupancy Class)	Number of Structures			Value of Structures			Number of People		
	# in Community or State	# in Hazard Area	% in Hazard Area	\$ in Community or State	\$ in Hazard Area	% in Hazard Area	# in Community or State	# in Hazard Area	% in Hazard Area
<i>Residential</i>	37,885	29,171	77	\$3,651,920,821	\$2,811,979,032	77	84,752	65,259	77
<i>Commercial</i>	2,049	861	42	\$347,142,232	\$145,799,737	42	17,692	7,431	42
<i>Industrial</i>	43	106	44	\$109,623,863	\$48,234,500	44	5,445	1,782	44
<i>Agricultural</i>	430	40	15	\$219,247,726	\$32,887,159	15	142	21	15
<i>Religious/Non-Profit</i>	115	14	12	\$17,250,000	\$2,070,000	12	5,750	690	12
<i>Government</i>	6	3	55	\$237,518,369	\$130,635,103	55	12,347	6,791	55
<i>Education</i>	27	22	80	\$139,482,513	\$111,586,010	80	10,163	8,130	80
<i>Utilities</i>	203	57	28	\$256,778,511	\$71,897,983	28	1,292	362	28
<b>Total</b>	<b>28,221</b>	<b>12417</b>	<b>44</b>	<b>\$4,978,964,035</b>	<b>\$3,355,089,525</b>	<b>44</b>	<b>137,583</b>	<b>90,466</b>	<b>44</b>

- |   | Yes | No |
|---|-----|----|
| 1. Do you know where your greatest damages may occur in your hazard areas?  | X   |    |
| 2. Do you know whether your critical facilities will be operational after a hazard event?   | X   |    |
| 3. Is there enough data to determine which assets are subject to the greatest potential damages?  | X   |    |
| 4. Is there enough data to determine whether significant elements of the community are vulnerable to potential hazards?   | X   |    |
| 5. Is there enough data to determine whether certain areas of historic, environmental, political, or cultural significance are vulnerable to potential hazards? | X   |    |
| 6. Is there concern about a particular hazard because of its severity, repetitiveness, or likelihood of occurrence?   | X   |    |
| 7. Is additional data needed to justify the expenditure of community or state funds for mitigation initiatives?   |     | X  |

**Hazard: Severe Winter Storm (Monongalia County)**

Name/Description of Asset	Structure Loss					Contents Loss				
	Structure Replacement Value (\$)	X	Percent Damage (%)	=	Loss to Structure (\$)	Replacement Value of Contents (\$)	X	Percent Damage (%)	=	Loss to Contents (\$)
Alexander Wade House		X	3%	=	\$0		X	1%	=	\$0
Alliance Christian School		X	3%	=	\$0		X	1%	=	\$0
Blacksville No. 2 Mine	192,000.00	X	2%	=	\$3,840		X	0%	=	\$0
Blacksville VFD		X	3%	=	\$0		X	1%	=	\$0
Bridges		X	0%	=	\$0		X	0%	=	\$0
Brookhaven ES	5,545,753.00	X	3%	=	\$166,373	1,367,360.00	X	1%	=	\$13,674
Brookhaven VFD	550,000.00	X	3%	=	\$16,500	3,000,000.00	X	1%	=	\$30,000
Brown Building	1,250,000.00	X	3%	=	\$37,500	200,000.00	X	1%	=	\$2,000
Camp Rhododendron		X	0%	=	\$0		X	0%	=	\$0
Chancery Hill Historic District		X	0%	=	\$0		X	0%	=	\$0
Cheat Lake ES	8,245,707.00	X	3%	=	\$247,371	1,632,219.00	X	1%	=	\$16,322
Cheat Lake MS	5,868,412.00	X	3%	=	\$176,052	1,720,593.00	X	1%	=	\$17,206
Cheat Lake VFD	500,000.00	X	3%	=	\$15,000	1,500,000.00	X	1%	=	\$15,000
Chestnut Ridge Hospital	9,135,000.00	X	3%	=	\$274,050	5,000,000.00	X	1%	=	\$50,000
Chestnut Ridge Research		X	3%	=	\$0		X	1%	=	\$0
Clay Battelle HS	7,255,832.00	X	3%	=	\$217,675	1,687,065.00	X	1%	=	\$16,871
Clinton District VFD		X	3%	=	\$0		X	1%	=	\$0
Cool Spring VFD	548,500.00	X	3%	=	\$16,455	750,000.00	X	1%	=	\$7,500
Cooper's Rock State Forest Supt. House	180,000.00	X	3%	=	\$5,400	20,000.00	X	1%	=	\$200
Covenant Christian School		X	3%	=	\$0		X	1%	=	\$0
Crooked Run #4		X	0%	=	\$0		X	0%	=	\$0
D.I.B. Anderson Farmhouse	264,000.00	X	3%	=	\$7,920	50,000.00	X	1%	=	\$500
Daybrook ES	117,362.00	X	3%	=	\$3,521	371,267.00	X	1%	=	\$3,713

Dents Run Covered Bridge		X	0%	=	\$0		X	0%	=	\$0
Dering Building		X	3%	=	\$0		X	1%	=	\$0
Dorsey Preschool	468,000.00	X	3%	=	\$14,040	125,275.00	X	1%	=	\$1,253
Downtown Morgantown Historic District		X	0%	=	\$0		X	0%	=	\$0
Easton ES	1,214,218.00	X	3%	=	\$36,427	477,708.00	X	1%	=	\$4,777
Easton Roller Mill	2,000,000.00	X	3%	=	\$60,000	30,000.00	X	1%	=	\$300
Elizabeth Moore Hall	7,140,119.00	X	3%	=	\$214,204	7,140,119.00	X	1%	=	\$71,401
Ford House	78,000.00	X	3%	=	\$2,340	10,000.00	X	1%	=	\$100
Fort Martin Power Plant		X	3%	=	\$0		X	1%	=	\$0
Fourth Ward School		X	3%	=	\$0		X	1%	=	\$0
GE Specialty Chemicals		X	3%	=	\$0		X	1%	=	\$0
Granville VFD and Police and Town Hall	250,000.00	X	3%	=	\$7,500	250,000.00	X	1%	=	\$2,500
Greenmont Historic District		X	0%	=	\$0		X	0%	=	\$0
Hackney House	150,000.00	X	3%	=	\$4,500	500,000.00	X	1%	=	\$5,000
Hamilton Farm Petroglyphs		X	0%	=	\$0		X	0%	=	\$0
Harmony Grove Meeting House	105,600.00	X	3%	=	\$3,168	30,000.00	X	1%	=	\$300
Harner Homestead		X	3%	=	\$0		X	1%	=	\$0
Hartman Run Bridge	4,000,000.00	X	0%	=	\$0		X	0%	=	\$0
Harvey Run #1	5,243,333.00	X	0%	=	\$0		X	0%	=	\$0
HealthSouth Mountain view	11,000,000.00	X	3%	=	\$330,000	4,500,000.00	X	1%	=	\$45,000
Henry Clay Furnace	50,000.00	X	0%	=	\$0		X	0%	=	\$0
Hildebrand Lock and Dam	50,000,000.00	X	0%	=	\$0		X	0%	=	\$0
Jakes Run Preschool	1,041,249.00	X	3%	=	\$31,237	133,484.00	X	1%	=	\$1,335
Judge Frank Cox House	4,000,000.00	X	3%	=	\$120,000	100,000.00	X	1%	=	\$1,000
Kencaid, Arnett, and Flour Bldg.	1,500,000.00	X	3%	=	\$45,000	250,000.00	X	1%	=	\$2,500

Kern's Fort	25,000.00	X	3%	=	\$750	10,000.00	X	1%	=	\$100
Lazzelle Union ES	508,501.00	X	3%	=	\$15,255	49,023.00	X	1%	=	\$490
Lynch Chapel UM Church		X	3%	=	\$0		X	1%	=	\$0
Maranatha Christian Academy		X	3%	=	\$0		X	1%	=	\$0
Mason-Dixon ES	4,649,610.00	X	3%	=	\$139,488	917,612.00	X	1%	=	\$9,176
MEC Power Plant	50,000,000.00	X	3%	=	\$1,500,000	250,000,000.00	X	1%	=	\$2,500,000
MECCA	1,800,000.00	X	3%	=	\$54,000	1,800,000.00	X	1%	=	\$18,000
Men's Hall		X	3%	=	\$0		X	1%	=	\$0
Metropolitan Theater	13,755,000.00	X	3%	=	\$412,650	500,000.00	X	1%	=	\$5,000
Monongalia County Courthouse	16,332,230.00	X	3%	=	\$489,967	3,000,000.00	X	1%	=	\$30,000
Monongalia County Sheriff	16,332,230.00	X	3%	=	\$489,967	2,773,000.00	X	1%	=	\$27,730
Monongalia General Hospital	52,000,000.00	X	3%	=	\$1,560,000	60,000,000.00	X	1%	=	\$600,000
Monongalia Schools Transportation	1,250,000.00	X	3%	=	\$37,500	500,000.00	X	1%	=	\$5,000
Monongalia Technical Education Center		X	3%	=	\$0		X	1%	=	\$0
Morgantown HS	23,660,349.00	X	3%	=	\$709,810	5,163,707.00	X	1%	=	\$51,637
Morgantown Learning Academy		X	3%	=	\$0		X	1%	=	\$0
Morgantown Lock and Dam	40,000,000.00	X	0%	=	\$0		X	0%	=	\$0
Morgantown Municipal Airport	3,479,424.00	X	3%	=	\$104,383	243,464.00	X	1%	=	\$2,435
Morgantown Municipal Building		X	3%	=	\$0		X	1%	=	\$0
Morgantown PD	7,557,680.00	X	3%	=	\$226,730	393,120,000.00	X	1%	=	\$3,931,200
Morgantown Public Library		X	3%	=	\$0		X	1%	=	\$0
Morgantown VFD		X	3%	=	\$0		X	1%	=	\$0
Morgantown Wharf Warehouse Historic Dist.		X	0%	=	\$0		X	0%	=	\$0

Mountainview ES	8,770,058.00	X	3%	=	\$263,102	1,837,634.00	X	1%	=	\$18,376
MUB WTP	8,380,850.00	X	3%	=	\$251,426	21,124,750.00	X	1%	=	\$211,248
MUB WWTP	4,894,200.00	X	3%	=	\$146,826	40,147,392.00	X	1%	=	\$401,474
Mylan		X	3%	=	\$0		X	1%	=	\$0
Mylan Park ES		X	3%	=	\$0		X	1%	=	\$0
National Energy Technology Center		X	3%	=	\$0		X	1%	=	\$0
NIOSH/OSHA		X	3%	=	\$0		X	1%	=	\$0
North ES	6,285,965.00	X	3%	=	\$188,579	1,760,025.00	X	1%	=	\$17,600
Oglebay Hall	14,468,426.00	X	3%	=	\$434,053	14,468,426.00	X	1%	=	\$144,684
Old Morgantown PO	1,500,000.00	X	3%	=	\$45,000	38,000.00	X	1%	=	\$380
Old Stone House		X	3%	=	\$0		X	1%	=	\$0
Old Watson Homestead		X	3%	=	\$0		X	1%	=	\$0
Opekiska Lock and Dam	35,000,000.00	X	0%	=	\$0		X	0%	=	\$0
PRT Stations		X	2%	=	\$0		X	1%	=	\$0
Purinton House	2,670,600.00	X	3%	=	\$80,118	267,600.00	X	1%	=	\$2,676
Railroads	27,514,750.00	X	0%	=	\$0		X	0%	=	\$0
Residential	3,651,920,821.00	X	5%	=	\$182,596,041		X	1%	=	\$0
Ridgedale ES	3,532,104.00	X	3%	=	\$105,963	77,845.00	X	1%	=	\$778
River Rd. VFD		XX	3%	=	\$0		X	1%	=	\$0
Roads	61,677,200.00	X	0%	=	\$0		X	0%	=	\$0
Rogers House	532,000.00	X	3%	=	\$15,960	20,000.00	X	1%	=	\$200
Scotts Run VFD		X	3%	=	\$0		X	1%	=	\$0
Second Ward Negro School	400,000.00	X	3%	=	\$12,000	20,000.00	X	1%	=	\$200
Seneca Glass Company Bldg.	2,500,000.00	X	3%	=	\$75,000	2,000,000.00	X	1%	=	\$20,000
Skyview ES		X	3%	=	\$0		X	1%	=	\$0
South MS	11,805,779.00	X	3%	=	\$354,173	2,738,758.00	X	1%	=	\$27,388
South Park Historic Dist.		X	0%	=	\$0		X	0%	=	\$0
St. Francis Central Catholic	2,200,000.00	X	3%	=	\$66,000	2,200,000.00	X	1%	=	\$22,000
St. Mary's Orthodox Church	1,000,000.00	X	3%	=	\$30,000	3,000,000.00	X	1%	=	\$30,000

Stalnaker Hall	31,145,563.00	X	3%	=	\$934,367	31,145,563.00	X	1%	=	\$311,456
Star City PD	1,950,000.00	X	3%	=	\$58,500	120,000.00	X	1%	=	\$1,200
Star City VFD	2,000,000.00	X	3%	=	\$60,000	7,000,000.00	X	1%	=	\$70,000
Stewart Hall	7,681,000.00	X	3%	=	\$230,430	7,681,000.00	X	1%	=	\$76,810
Suncrest MS	8,534,947.00	X	3%	=	\$256,048	1,504,600.00	X	1%	=	\$15,046
Suncrest PS		X	3%	=	\$0		X	1%	=	\$0
Swanson Plating	8,000,000.00	X	3%	=	\$240,000	20,000,000.00	X	1%	=	\$200,000
Trinity Christian School		X	3%	=	\$0		X	1%	=	\$0
Triune-Halleck VFD	250,000.00	X	3%	=	\$7,500	350,000.00	X	1%	=	\$3,500
University HS	13,464,860.00	X	3%	=	\$403,946	3,355,504.00	X	1%	=	\$33,555
Upper Deckers #4		X	0%	=	\$0		X	0%	=	\$0
Vance Farmhouse	138,600.00	X	3%	=	\$4,158	100,000.00	X	1%	=	\$1,000
Wadestown VFD	500,000.00	X	3%	=	\$15,000	500,000.00	X	1%	=	\$5,000
Waitman T. Willey House	800,000.00	X	3%	=	\$24,000	250,000.00	X	1%	=	\$2,500
Walters House	442,750.00	X	3%	=	\$13,283	200,000.00	X	1%	=	\$2,000
West Virginia University	1,867,156,000.00	X	3%	=	\$56,014,680	500,000,000.00	X	1%	=	\$5,000,000
Westover City Hall		X	3%	=	\$0		X	1%	=	\$0
Westover PD		X	3%	=	\$0		X	1%	=	\$0
Westover VFD	150,000.00	X	3%	=	\$4,500	1,500,000.00	X	1%	=	\$15,000
Westwood MS	8,519,979.00	X	3%	=	\$255,599	1,942,446.00	X	1%	=	\$19,424
Women's Christian Temperance Union Comm. Bldg.	730,000.00	X	3%	=	\$21,900	200,000.00	X	1%	=	\$2,000
Woodburn ES	2,203,093.00	X	3%	=	\$66,093	645,921.00	X	1%	=	\$6,459
Woodburn Hall	11,144,200.00	X	3%	=	\$334,326	5,000,000.00	X	1%	=	\$50,000
WV State Police	500,000.00	X	3%	=	\$15,000	500,000.00	X	1%	=	\$5,000
WVU Hospital (Ruby Memorial)	55,100,000.00	X	3%	=	\$1,653,000	100,000,000.00	X	1%	=	\$1,000,000
					\$253,073,144					\$15,206,174

**Hazard: Severe Winter Storm (Monongalia County)**

Name/Description of Asset	Structure Use and Function Loss									Structure + Contents + Function Loss
	Average Daily Operating Budget (\$)	X	Functional Downtime (# of days)	+	Displacement Cost per Day (\$)	X	Displacement Time (Days)	=	Structure Use & Function Loss (\$)	
Alexander Wade House		X	0	+		X	0	=	\$0	\$0
Alliance Christian School		X	3	+		X	0	=	\$0	\$0
Blacksville No. 2 Mine		X	0	+		X	0	=	\$0	\$3,840
Blacksville VFD		X	0	+		X	0	=	\$0	\$0
Bridges		X	0	+		X	0	=	\$0	\$0
Brookhaven ES	\$5,900	X	3	+	\$5,900	X	0	=	\$17,700	\$197,746
Brookhaven VFD	\$400	X	0	+	\$400	X	0	=	\$0	\$46,500
Brown Building	\$1,370	X	1	+	\$1,370	X	0	=	\$1,370	\$40,870
Camp Rhododendron		X	0	+		X	0	=	\$0	\$0
Chancery Hill Historic District		X	0	+		X	0	=	\$0	\$0
Cheat Lake ES	\$7,600	X	3	+	\$7,600	X	0	=	\$22,800	\$286,493
Cheat Lake MS	\$7,900	X	3	+	\$7,900	X	0	=	\$23,700	\$216,958
Cheat Lake VFD	\$450	X	0	+	\$450	X	0	=	\$0	\$30,000
Chestnut Ridge Hospital	\$13,700	X	0	+	\$13,700	X	0	=	\$0	\$324,050
Chestnut Ridge Research		X	1	+		X	0	=	\$0	\$0
Clay Battelle HS	\$5,200	X	3	+	\$5,200	X	0	=	\$15,600	\$250,146
Clinton District VFD		X	0	+		X	0	=	\$0	\$0
Cool Spring VFD	\$550	X	0	+	\$550	X	0	=	\$0	\$23,955
Cooper's Rock State Forest Supt. House	\$100	X	0	+	\$100	X	0	=	\$0	\$5,600
Covenant Christian School		X	3	+		X	0	=	\$0	\$0
Crooked Run #4		X	0	+		X	0	=	\$0	\$0
D.I.B. Anderson Farmhouse		X	0	+		X	0	=	\$0	\$8,420
Daybrook ES	\$1,400	X	3	+	\$1,400	X	0	=	\$4,200	\$11,434

Dents Run Covered Bridge		X	0	+		X	0	=	\$0	\$0
Dering Building		X	0	+		X	0	=	\$0	\$0
Dorsey Preschool	\$3,450	X	3	+	\$3,450	X	0	=	\$10,350	\$25,643
Downtown Morgantown Historic District		X	0	+		X	0	=	\$0	\$0
Easton ES	\$1,800	X	3	+	\$1,800	X	0	=	\$5,400	\$46,604
Easton Roller Mill	\$0	X	0	+	\$0	X	0	=	\$0	\$60,300
Elizabeth Moore Hall	\$2,100	X	1	+	\$2,100	X	0	=	\$2,100	\$287,705
Ford House	\$5	X	0	+	\$5	X	0	=	\$0	\$2,440
Fort Martin Power Plant		X	1	+		X	0	=	\$0	\$0
Fourth Ward School		X	0	+		X	0	=	\$0	\$0
GE Specialty Chemicals		X	1	+		X	0	=	\$0	\$0
Granville VFD and Police and Town Hall	\$6,868	X	1	+	\$6,868	X	0	=	\$6,868	\$16,868
Greenmont Historic District		X	0	+		X	0	=	\$0	\$0
Hackney House	\$400	X	0	+	\$400	X	0	=	\$0	\$9,500
Hamilton Farm Petroglyphs		X	0	+		X	0	=	\$0	\$0
Harmony Grove Meeting House	\$5	X	0	+	\$5	X	0	=	\$0	\$3,468
Harner Homestead		X	0	+		X	0	=	\$0	\$0
Hartman Run Bridge		X	0	+		X	0	=	\$0	\$0
Harvey Run #1		X	0	+		X	0	=	\$0	\$0
HealthSouth Mountain view	\$27,000	X	0	+	\$27,000	X	0	=	\$0	\$375,000
Henry Clay Furnace		X	0	+		X	0	=	\$0	\$0
Hildebrand Lock and Dam	\$200,000	X	0	+	\$200,000	X	0	=	\$0	\$0
Jakes Run Preschool	\$300	X	3	+	\$300	X	0	=	\$900	\$33,472
Judge Frank Cox House	\$2,200	X	0	+	\$2,200	X	0	=	\$0	\$121,000
Kencaid, Arnett, and Flour Bldg.	\$680	X	0	+	\$680	X	0	=	\$0	\$47,500

Kern's Fort	\$6	X	0	+	\$6	X	0	=	\$0	\$850
Lazzelle Union ES	\$1,350	X	3	+	\$1,350	X	0	=	\$4,050	\$19,795
Lynch Chapel UM Church		X	0	+		X	0	=	\$0	\$0
Maranatha Christian Academy		X	3	+		X	0	=	\$0	\$0
Mason-Dixon ES	\$5,000	X	3	+	\$5,000	X	0	=	\$15,000	\$163,664
MEC Power Plant	\$685,000	X	0	+	\$685,000	X	0	=	\$0	\$4,000,000
MECCA		X	0	+		X	0	=	\$0	\$72,000
Men's Hall		X	0	+		X	0	=	\$0	\$0
Metropolitan Theater	\$10,000	X	0	+	\$10,000	X	0	=	\$0	\$417,650
Monongalia County Courthouse	\$90,411	X	1	+	\$90,411	X	0	=	\$90,411	\$610,378
Monongalia County Sheriff	\$10,098	X	0	+	\$10,098	X	0	=	\$0	\$517,697
Monongalia General Hospital	\$110,000	X	0	+	\$110,000	X	0	=	\$0	\$2,160,000
Monongalia Schools Transportation	\$11,780,822	X	3	+	\$11,780,822	X	0	=	\$35,342,466	\$35,384,966
Monongalia Technical Education Center		X	3	+		X	0	=	\$0	\$0
Morgantown HS	\$22,100	X	3	+	\$22,100	X	0	=	\$66,300	\$827,748
Morgantown Learning Academy		X	3	+		X	0	=	\$0	\$0
Morgantown Lock and Dam	\$200,000	X	0	+	\$200,000	X	0	=	\$0	\$0
Morgantown Municipal Airport	\$7,756	X	1	+	\$7,756	X	0	=	\$7,756	\$114,573
Morgantown Municipal Building		X	1	+		X	0	=	\$0	\$0
Morgantown PD	\$30,466,000	X	0	+	\$30,466,000	X	0	=	\$0	\$4,157,930
Morgantown Public Library		X	0	+		X	0	=	\$0	\$0
Morgantown VFD		X	0	+		X	0	=	\$0	\$0
Morgantown Wharf Warehouse Historic Dist.		X	0	+		X	0	=	\$0	\$0

Mountainview ES	\$8,750	X	3	+	\$8,750	X	0	=	\$26,250	\$307,728
MUB WTP	\$3,429	X	0	+	\$3,429	X	0	=	\$0	\$462,673
MUB WWTP	\$3,198	X	0	+	\$3,198	X	0	=	\$0	\$548,300
Mylan		X	0	+		X	0	=	\$0	\$0
Mylan Park ES		X	3	+		X	0	=	\$0	\$0
National Energy Technology Center		X	0	+		X	0	=	\$0	\$0
NIOSH/OSHA		X	0	+		X	0	=	\$0	\$0
North ES	\$8,750	X	3	+	\$8,750	X	0	=	\$26,250	\$232,429
Oglebay Hall	\$6,500	X	1	+	\$6,500	X	0	=	\$6,500	\$585,237
Old Morgantown PO	\$27	X	0	+	\$27	X	0	=	\$0	\$45,380
Old Stone House		X	0	+		X	0	=	\$0	\$0
Old Watson Homestead		X	0	+		X	0	=	\$0	\$0
Opekiska Lock and Dam	\$200,000	X	0	+	\$200,000	X	0	=	\$0	\$0
PRT Stations		X	1	+		X	0	=	\$0	\$0
Purinton House	\$650	X	1	+	\$650	X	0	=	\$650	\$83,444
Railroads		X	0	+		X	0	=	\$0	\$0
Residential		X	0	+		X	0	=	\$0	\$182,596,041
Ridgedale ES	\$3,600	X	3	+	\$3,600	X	0	=	\$10,800	\$117,542
River Rd. VFD		X	0	+		X	0	=	\$0	\$0
Roads		X	0	+		X	0	=	\$0	\$0
Rogers House	\$10	X	0	+	\$10	X	0	=	\$0	\$16,160
Scotts Run VFD		X	0	+		X	0	=	\$0	\$0
Second Ward Negro School	\$13	X	0	+	\$13	X	0	=	\$0	\$12,200
Seneca Glass Company Bldg.	\$2,700	X	0	+	\$2,700	X	0	=	\$0	\$95,000
Skyview ES		X	3	+		X	0	=	\$0	\$0
South MS	\$11,000	X	3	+	\$11,000	X	0	=	\$33,000	\$414,561
South Park Historic Dist.		X	0	+		X	0	=	\$0	\$0
St. Francis Central Catholic	\$135,000	X	0	+	\$135,000	X	0	=	\$0	\$88,000
St. Mary's Orthodox Church	\$135	X	0	+	\$135	X	0	=	\$0	\$60,000

Stalnaker Hall	\$9,800	X	1	+	\$9,800	X	0	=	\$9,800	\$1,255,623
Star City PD	\$320	X	0	+	\$320	X	0	=	\$0	\$59,700
Star City VFD	\$192	X	0	+	\$192	X	0	=	\$0	\$130,000
Stewart Hall	\$4,300	X	1	+	\$4,300	X	0	=	\$4,300	\$311,540
Suncrest MS	\$5,450	X	3	+	\$5,450	X	0	=	\$16,350	\$287,444
Suncrest PS		X	3	+		X	0	=	\$0	\$0
Swanson Plating	\$54,000	X	0	+	\$54,000	X	0	=	\$0	\$440,000
Trinity Christian School		X	3	+		X	0	=	\$0	\$0
Triune-Halleck VFD	\$150	X	0	+	\$150	X	0	=	\$0	\$11,000
University HS	\$17,700	X	3	+	\$17,700	X	0	=	\$53,100	\$490,601
Upper Deckers #4		X	0	+		X	0	=	\$0	\$0
Vance Farmhouse	\$50	X	0	+	\$50	X	0	=	\$0	\$5,158
Wadestown VFD	\$340	X	0	+	\$340	X	0	=	\$0	\$20,000
Waitman T. Willey House	\$25	X	0	+	\$25	X	0	=	\$0	\$26,500
Walters House	\$20	X	0	+	\$20	X	0	=	\$0	\$15,283
West Virginia University	\$13,200,000	X	1	+	\$13,200,000	X	0	=	\$13,200,000	\$74,214,680
Westover City Hall		X	1	+		X	0	=	\$0	\$0
Westover PD		X	0	+		X	0	=	\$0	\$0
Westover VFD	\$250	X	0	+	\$250	X	0	=	\$0	\$19,500
Westwood MS	\$6,700	X	3	+	\$6,700	X	0	=	\$20,100	\$295,124
Women's Christian Temperance Union Comm. Bldg.	\$138	X	0	+	\$138	X	0	=	\$0	\$23,900
Woodburn ES	\$2,750	X	3	+	\$2,750	X	0	=	\$8,250	\$80,802
Woodburn Hall	\$13,500	X	1	+	\$13,500	X	0	=	\$13,500	\$397,826
WV State Police	\$1,300	X	0	+	\$1,300	X	0	=	\$0	\$20,000
WVU Hospital (Ruby Memorial)	\$273,000	X	0	+	\$273,000	X	0	=	\$0	\$2,653,000
									\$49,065,821	\$317,345,138

**Hazard: Severe Wind / Tornado (Monongalia County)**

Name/Description of Asset	Structure Loss					Contents Loss				
	Structure Replacement Value (\$)	X	Percent Damage (%)	=	Loss to Structure (\$)	Replacement Value of Contents (\$)	X	Percent Damage (%)	=	Loss to Contents (\$)
Alexander Wade House		X	4%	=	\$0		X	0%	=	\$0
Alliance Christian School		X	4%	=	\$0		X	0%	=	\$0
Blacksville No. 2 Mine	192,000.00	X	2%	=	\$3,840		X	0%	=	\$0
Blacksville VFD		X	4%	=	\$0		X	0%	=	\$0
Bridges		X	0%	=	\$0		X	0%	=	\$0
Brookhaven ES	5,545,753.00	X	4%	=	\$221,830	1,367,360.00	X	0%	=	\$0
Brookhaven VFD	550,000.00	X	4%	=	\$22,000	3,000,000.00	X	0%	=	\$0
Brown Building	1,250,000.00	X	4%	=	\$50,000	200,000.00	X	0%	=	\$0
Camp Rhododendron		X	0%	=	\$0		X	0%	=	\$0
Chancery Hill Historic District		X	0%	=	\$0		X	0%	=	\$0
Cheat Lake ES	8,245,707.00	X	4%	=	\$329,828	1,632,219.00	X	0%	=	\$0
Cheat Lake MS	5,868,412.00	X	4%	=	\$234,736	1,720,593.00	X	0%	=	\$0
Cheat Lake VFD	500,000.00	X	4%	=	\$20,000	1,500,000.00	X	0%	=	\$0
Chestnut Ridge Hospital	9,135,000.00	X	4%	=	\$365,400	5,000,000.00	X	0%	=	\$0
Chestnut Ridge Research		X	4%	=	\$0		X	0%	=	\$0
Clay Battelle HS	7,255,832.00	X	4%	=	\$290,233	1,687,065.00	X	0%	=	\$0
Clinton District VFD		X	4%	=	\$0		X	0%	=	\$0
Cool Spring VFD	548,500.00	X	4%	=	\$21,940	750,000.00	X	0%	=	\$0
Cooper's Rock State Forest Supt. House	180,000.00	X	4%	=	\$7,200	20,000.00	X	0%	=	\$0
Covenant Christian School		X	4%	=	\$0		X	0%	=	\$0
Crooked Run #4		X	0%	=	\$0		X	0%	=	\$0
D.I.B. Anderson Farmhouse	264,000.00	X	4%	=	\$10,560	50,000.00	X	0%	=	\$0
Daybrook ES	117,362.00	X	4%	=	\$4,694	371,267.00	X	0%	=	\$0

Dents Run Covered Bridge		X	0%	=	\$0		X	0%	=	\$0
Dering Building		X	4%	=	\$0		X	0%	=	\$0
Dorsey Preschool	468,000.00	X	4%	=	\$18,720	125,275.00	X	0%	=	\$0
Downtown Morgantown Historic District		X	0%	=	\$0		X	0%	=	\$0
Easton ES	1,214,218.00	X	4%	=	\$48,569	477,708.00	X	0%	=	\$0
Easton Roller Mill	2,000,000.00	X	4%	=	\$80,000	30,000.00	X	0%	=	\$0
Elizabeth Moore Hall	7,140,119.00	X	4%	=	\$285,605	7,140,119.00	X	0%	=	\$0
Ford House	78,000.00	X	4%	=	\$3,120	10,000.00	X	0%	=	\$0
Fort Martin Power Plant		X	4%	=	\$0		X	0%	=	\$0
Fourth Ward School		X	4%	=	\$0		X	0%	=	\$0
GE Specialty Chemicals		X	4%	=	\$0		X	0%	=	\$0
Granville VFD and Police and Town Hall	250,000.00	X	4%	=	\$10,000	250,000.00	X	0%	=	\$0
Greenmont Historic District		X	0%	=	\$0		X	0%	=	\$0
Hackney House	150,000.00	X	4%	=	\$6,000	500,000.00	X	0%	=	\$0
Hamilton Farm Petroglyphs		X	0%	=	\$0		X	0%	=	\$0
Harmony Grove Meeting House	105,600.00	X	4%	=	\$4,224	30,000.00	X	0%	=	\$0
Harner Homestead		X	4%	=	\$0		X	0%	=	\$0
Hartman Run Bridge	4,000,000.00	X	0%	=	\$0		X	0%	=	\$0
Harvey Run #1	5,243,333.00	X	0%	=	\$0		X	0%	=	\$0
HealthSouth Mountain view	11,000,000.00	X	4%	=	\$440,000	4,500,000.00	X	0%	=	\$0
Henry Clay Furnace	50,000.00	X	0%	=	\$0		X	0%	=	\$0
Hildebrand Lock and Dam	50,000,000.00	X	0%	=	\$0		X	0%	=	\$0
Jakes Run Preschool	1,041,249.00	X	4%	=	\$41,650	133,484.00	X	0%	=	\$0
Judge Frank Cox House	4,000,000.00	X	4%	=	\$160,000	100,000.00	X	0%	=	\$0
Kencaid, Arnett, and Flour Bldg.	1,500,000.00	X	4%	=	\$60,000	250,000.00	X	0%	=	\$0

Kern's Fort	25,000.00	X	4%	=	\$1,000	10,000.00	X	0%	=	\$0
Lazzelle Union ES	508,501.00	X	4%	=	\$20,340	49,023.00	X	0%	=	\$0
Lynch Chapel UM Church		X	4%	=	\$0		X	0%	=	\$0
Maranatha Christian Academy		X	4%	=	\$0		X	0%	=	\$0
Mason-Dixon ES	4,649,610.00	X	4%	=	\$185,984	917,612.00	X	0%	=	\$0
MEC Power Plant	50,000,000.00	X	4%	=	\$2,000,000	250,000,000.00	X	0%	=	\$0
MECCA	1,800,000.00	X	4%	=	\$72,000	1,800,000.00	X	0%	=	\$0
Men's Hall		X	4%	=	\$0		X	0%	=	\$0
Metropolitan Theater	13,755,000.00	X	4%	=	\$550,200	500,000.00	X	0%	=	\$0
Monongalia County Courthouse	16,332,230.00	X	4%	=	\$653,289	3,000,000.00	X	0%	=	\$0
Monongalia County Sheriff	16,332,230.00	X	4%	=	\$653,289	2,773,000.00	X	0%	=	\$0
Monongalia General Hospital	52,000,000.00	X	4%	=	\$2,080,000	60,000,000.00	X	0%	=	\$0
Monongalia Schools Transportation	1,250,000.00	X	4%	=	\$50,000	500,000.00	X	0%	=	\$0
Monongalia Technical Education Center		X	4%	=	\$0		X	0%	=	\$0
Morgantown HS	23,660,349.00	X	4%	=	\$946,414	5,163,707.00	X	0%	=	\$0
Morgantown Learning Academy		X	4%	=	\$0		X	0%	=	\$0
Morgantown Lock and Dam	40,000,000.00	X	0%	=	\$0		X	0%	=	\$0
Morgantown Municipal Airport	3,479,424.00	X	4%	=	\$139,177	243,464.00	X	0%	=	\$0
Morgantown Municipal Building		X	4%	=	\$0		X	0%	=	\$0
Morgantown PD	7,557,680.00	X	4%	=	\$302,307	393,120,000.00	X	0%	=	\$0
Morgantown Public Library		X	4%	=	\$0		X	0%	=	\$0
Morgantown VFD		X	4%	=	\$0		X	0%	=	\$0
Morgantown Wharf Warehouse Historic Dist.		X	0%	=	\$0		X	0%	=	\$0

Mountainview ES	8,770,058.00	X	4%	=	\$350,802	1,837,634.00	X	0%	=	\$0
MUB WTP	8,380,850.00	X	4%	=	\$335,234	21,124,750.00	X	0%	=	\$0
MUB WWTP	4,894,200.00	X	4%	=	\$195,768	40,147,392.00	X	0%	=	\$0
Mylan		X	4%	=	\$0		X	0%	=	\$0
Mylan Park ES		X	4%	=	\$0		X	0%	=	\$0
National Energy Technology Center		X	4%	=	\$0		X	0%	=	\$0
NIOSH/OSHA		X	4%	=	\$0		X	0%	=	\$0
North ES	6,285,965.00	X	4%	=	\$251,439	1,760,025.00	X	0%	=	\$0
Oglebay Hall	14,468,426.00	X	4%	=	\$578,737	14,468,426.00	X	0%	=	\$0
Old Morgantown PO	1,500,000.00	X	4%	=	\$60,000	38,000.00	X	0%	=	\$0
Old Stone House		X	4%	=	\$0		X	0%	=	\$0
Old Watson Homestead		X	4%	=	\$0		X	0%	=	\$0
Opekiska Lock and Dam	35,000,000.00	X	0%	=	\$0		X	0%	=	\$0
PRT Stations		X	2%	=	\$0		X	0%	=	\$0
Purinton House	2,670,600.00	X	4%	=	\$106,824	267,600.00	X	0%	=	\$0
Railroads	27,514,750.00	X	0%	=	\$0		X	0%	=	\$0
Residential	3,651,920,821.00	X	4%	=	\$146,076,833		X	0%	=	\$0
Ridgedale ES	3,532,104.00	X	4%	=	\$141,284	77,845.00	X	0%	=	\$0
River Rd. VFD		XX	4%	=	\$0		X	0%	=	\$0
Roads	61,677,200.00	X	0%	=	\$0		X	0%	=	\$0
Rogers House	532,000.00	X	4%	=	\$21,280	20,000.00	X	0%	=	\$0
Scotts Run VFD		X	4%	=	\$0		X	0%	=	\$0
Second Ward Negro School	400,000.00	X	4%	=	\$16,000	20,000.00	X	0%	=	\$0
Seneca Glass Company Bldg.	2,500,000.00	X	4%	=	\$100,000	2,000,000.00	X	0%	=	\$0
Skyview ES		X	4%	=	\$0		X	0%	=	\$0
South MS	11,805,779.00	X	4%	=	\$472,231	2,738,758.00	X	0%	=	\$0
South Park Historic Dist.		X	0%	=	\$0		X	0%	=	\$0
St. Francis Central Catholic	2,200,000.00	X	4%	=	\$88,000	2,200,000.00	X	0%	=	\$0
St. Mary's Orthodox Church	1,000,000.00	X	4%	=	\$40,000	3,000,000.00	X	0%	=	\$0

Stalnaker Hall	31,145,563.00	X	4%	=	\$1,245,823	31,145,563.00	X	0%	=	\$0
Star City PD	1,950,000.00	X	4%	=	\$78,000	120,000.00	X	0%	=	\$0
Star City VFD	2,000,000.00	X	4%	=	\$80,000	7,000,000.00	X	0%	=	\$0
Stewart Hall	7,681,000.00	X	4%	=	\$307,240	7,681,000.00	X	0%	=	\$0
Suncrest MS	8,534,947.00	X	4%	=	\$341,398	1,504,600.00	X	0%	=	\$0
Suncrest PS		X	4%	=	\$0		X	0%	=	\$0
Swanson Plating	8,000,000.00	X	4%	=	\$320,000	20,000,000.00	X	0%	=	\$0
Trinity Christian School		X	4%	=	\$0		X	0%	=	\$0
Triune-Halleck VFD	250,000.00	X	4%	=	\$10,000	350,000.00	X	0%	=	\$0
University HS	13,464,860.00	X	4%	=	\$538,594	3,355,504.00	X	0%	=	\$0
Upper Deckers #4		X	0%	=	\$0		X	0%	=	\$0
Vance Farmhouse	138,600.00	X	4%	=	\$5,544	100,000.00	X	0%	=	\$0
Wadestown VFD	500,000.00	X	4%	=	\$20,000	500,000.00	X	0%	=	\$0
Waitman T. Willey House	800,000.00	X	4%	=	\$32,000	250,000.00	X	0%	=	\$0
Walters House	442,750.00	X	4%	=	\$17,710	200,000.00	X	0%	=	\$0
West Virginia University	1,867,156,000.00	X	4%	=	\$74,686,240	500,000,000.00	X	0%	=	\$0
Westover City Hall		X	4%	=	\$0		X	0%	=	\$0
Westover PD		X	4%	=	\$0		X	0%	=	\$0
Westover VFD	150,000.00	X	4%	=	\$6,000	1,500,000.00	X	0%	=	\$0
Westwood MS	8,519,979.00	X	4%	=	\$340,799	1,942,446.00	X	0%	=	\$0
Women's Christian Temperance Union Comm. Bldg.	730,000.00	X	4%	=	\$29,200	200,000.00	X	0%	=	\$0
Woodburn ES	2,203,093.00	X	4%	=	\$88,124	645,921.00	X	0%	=	\$0
Woodburn Hall	11,144,200.00	X	4%	=	\$445,768	5,000,000.00	X	0%	=	\$0
WV State Police	500,000.00	X	4%	=	\$20,000	500,000.00	X	0%	=	\$0
WVU Hospital (Ruby Memorial)	55,100,000.00	X	4%	=	\$2,204,000	100,000,000.00	X	0%	=	\$0
					\$240,045,023					\$0

**Hazard: Severe Wind / Tornado (Monongalia County)**

Name/Description of Asset	Structure Use and Function Loss									Structure + Contents + Function Loss
	Average Daily Operating Budget (\$)	X	Functional Downtime (# of days)	+	Displacement Cost per Day (\$)	X	Displacement Time (Days)	=	Structure Use & Function Loss (\$)	
Alexander Wade House		X	0	+		X	0	=	\$0	\$0
Alliance Christian School		X	1	+		X	0	=	\$0	\$0
Blacksville No. 2 Mine		X	0	+		X	0	=	\$0	\$3,840
Blacksville VFD		X	0	+		X	0	=	\$0	\$0
Bridges		X	0	+		X	0	=	\$0	\$0
Brookhaven ES	\$5,900	X	1	+	\$5,900	X	0	=	\$5,900	\$227,730
Brookhaven VFD	\$400	X	0	+	\$400	X	0	=	\$0	\$22,000
Brown Building	\$1,370	X	1	+	\$1,370	X	0	=	\$1,370	\$51,370
Camp Rhododendron		X	0	+		X	0	=	\$0	\$0
Chancery Hill Historic District		X	0	+		X	0	=	\$0	\$0
Cheat Lake ES	\$7,600	X	1	+	\$7,600	X	0	=	\$7,600	\$337,428
Cheat Lake MS	\$7,900	X	1	+	\$7,900	X	0	=	\$7,900	\$242,636
Cheat Lake VFD	\$450	X	0	+	\$450	X	0	=	\$0	\$20,000
Chestnut Ridge Hospital	\$13,700	X	1	+	\$13,700	X	0	=	\$13,700	\$379,100
Chestnut Ridge Research		X	1	+		X	0	=	\$0	\$0
Clay Battelle HS	\$5,200	X	1	+	\$5,200	X	0	=	\$5,200	\$295,433
Clinton District VFD		X	0	+		X	0	=	\$0	\$0
Cool Spring VFD	\$550	X	0	+	\$550	X	0	=	\$0	\$21,940
Cooper's Rock State Forest Supt. House	\$100	X	0	+	\$100	X	0	=	\$0	\$7,200
Covenant Christian School		X	1	+		X	0	=	\$0	\$0
Crooked Run #4		X	0	+		X	0	=	\$0	\$0
D.I.B. Anderson Farmhouse		X	0	+		X	0	=	\$0	\$10,560
Daybrook ES	\$1,400	X	1	+	\$1,400	X	0	=	\$1,400	\$6,094

Dents Run Covered Bridge		X	0	+		X	0	=	\$0	\$0
Dering Building		X	0	+		X	0	=	\$0	\$0
Dorsey Preschool	\$3,450	X	1	+	\$3,450	X	0	=	\$3,450	\$22,170
Downtown Morgantown Historic District		X	0	+		X	0	=	\$0	\$0
Easton ES	\$1,800	X	1	+	\$1,800	X	0	=	\$1,800	\$50,369
Easton Roller Mill	\$0	X	0	+	\$0	X	0	=	\$0	\$80,000
Elizabeth Moore Hall	\$2,100	X	1	+	\$2,100	X	0	=	\$2,100	\$287,705
Ford House	\$5	X	0	+	\$5	X	0	=	\$0	\$3,120
Fort Martin Power Plant		X	1	+		X	0	=	\$0	\$0
Fourth Ward School		X	0	+		X	0	=	\$0	\$0
GE Specialty Chemicals		X	1	+		X	0	=	\$0	\$0
Granville VFD and Police and Town Hall	\$6,868	X	1	+	\$6,868	X	0	=	\$6,868	\$16,868
Greenmont Historic District		X	0	+		X	0	=	\$0	\$0
Hackney House	\$400	X	0	+	\$400	X	0	=	\$0	\$6,000
Hamilton Farm Petroglyphs		X	0	+		X	0	=	\$0	\$0
Harmony Grove Meeting House	\$5	X	0	+	\$5	X	0	=	\$0	\$4,224
Harner Homestead		X	0	+		X	0	=	\$0	\$0
Hartman Run Bridge		X	0	+		X	0	=	\$0	\$0
Harvey Run #1		X	0	+		X	0	=	\$0	\$0
HealthSouth Mountain view	\$27,000	X	1	+	\$27,000	X	0	=	\$27,000	\$467,000
Henry Clay Furnace		X	0	+		X	0	=	\$0	\$0
Hildebrand Lock and Dam	\$200,000	X	0	+	\$200,000	X	0	=	\$0	\$0
Jakes Run Preschool	\$300	X	1	+	\$300	X	0	=	\$300	\$41,950
Judge Frank Cox House	\$2,200	X	0	+	\$2,200	X	0	=	\$0	\$160,000
Kencaid, Arnett, and Flour Bldg.	\$680	X	0	+	\$680	X	0	=	\$0	\$60,000

Kern's Fort	\$6	X	0	+	\$6	X	0	=	\$0	\$1,000
Lazelle Union ES	\$1,350	X	1	+	\$1,350	X	0	=	\$1,350	\$21,690
Lynch Chapel UM Church		X	0	+		X	0	=	\$0	\$0
Maranatha Christian Academy		X	1	+		X	0	=	\$0	\$0
Mason-Dixon ES	\$5,000	X	1	+	\$5,000	X	0	=	\$5,000	\$190,984
MEC Power Plant	\$685,000	X	1	+	\$685,000	X	0	=	\$685,000	\$2,685,000
MECCA		X	0	+		X	0	=	\$0	\$72,000
Men's Hall		X	0	+		X	0	=	\$0	\$0
Metropolitan Theater	\$10,000	X	0	+	\$10,000	X	0	=	\$0	\$550,200
Monongalia County Courthouse	\$90,411	X	1	+	\$90,411	X	0	=	\$90,411	\$743,700
Monongalia County Sheriff	\$10,098	X	1	+	\$10,098	X	0	=	\$10,098	\$663,387
Monongalia General Hospital	\$110,000	X	1	+	\$110,000	X	0	=	\$110,000	\$2,190,000
Monongalia Schools Transportation	\$11,780,822	X	1	+	\$11,780,822	X	0	=	\$11,780,822	\$11,830,822
Monongalia Technical Education Center		X	1	+		X	0	=	\$0	\$0
Morgantown HS	\$22,100	X	1	+	\$22,100	X	0	=	\$22,100	\$968,514
Morgantown Learning Academy		X	1	+		X	0	=	\$0	\$0
Morgantown Lock and Dam	\$200,000	X	0	+	\$200,000	X	0	=	\$0	\$0
Morgantown Municipal Airport	\$7,756	X	1	+	\$7,756	X	0	=	\$7,756	\$146,933
Morgantown Municipal Building		X	1	+		X	0	=	\$0	\$0
Morgantown PD	\$30,466,000	X	0	+	\$30,466,000	X	0	=	\$0	\$302,307
Morgantown Public Library		X	1	+		X	0	=	\$0	\$0
Morgantown VFD		X	0	+		X	0	=	\$0	\$0
Morgantown Wharf Warehouse Historic Dist.		X	0	+		X	0	=	\$0	\$0

Mountainview ES	\$8,750	X	1	+	\$8,750	X	0	=	\$8,750	\$359,552
MUB WTP	\$3,429	X	0	+	\$3,429	X	0	=	\$0	\$335,234
MUB WWTP	\$3,198	X	0	+	\$3,198	X	0	=	\$0	\$195,768
Mylan		X	1	+		X	0	=	\$0	\$0
Mylan Park ES		X	1	+		X	0	=	\$0	\$0
National Energy Technology Center		X	1	+		X	0	=	\$0	\$0
NIOSH/OSHA		X	1	+		X	0	=	\$0	\$0
North ES	\$8,750	X	1	+	\$8,750	X	0	=	\$8,750	\$260,189
Oglebay Hall	\$6,500	X	1	+	\$6,500	X	0	=	\$6,500	\$585,237
Old Morgantown PO	\$27	X	0	+	\$27	X	0	=	\$0	\$60,000
Old Stone House		X	0	+		X	0	=	\$0	\$0
Old Watson Homestead		X	0	+		X	0	=	\$0	\$0
Opekiska Lock and Dam	\$200,000	X	0	+	\$200,000	X	0	=	\$0	\$0
PRT Stations		X	1	+		X	0	=	\$0	\$0
Purinton House	\$650	X	1	+	\$650	X	0	=	\$650	\$107,474
Railroads		X	0	+		X	0	=	\$0	\$0
Residential		X	0	+		X	0	=	\$0	\$146,076,833
Ridgedale ES	\$3,600	X	1	+	\$3,600	X	0	=	\$3,600	\$144,884
River Rd. VFD		X	0	+		X	0	=	\$0	\$0
Roads		X	0	+		X	0	=	\$0	\$0
Rogers House	\$10	X	0	+	\$10	X	0	=	\$0	\$21,280
Scotts Run VFD		X	0	+		X	0	=	\$0	\$0
Second Ward Negro School	\$13	X	0	+	\$13	X	0	=	\$0	\$16,000
Seneca Glass Company Bldg.	\$2,700	X	1	+	\$2,700	X	0	=	\$2,700	\$102,700
Skyview ES		X	1	+		X	0	=	\$0	\$0
South MS	\$11,000	X	1	+	\$11,000	X	0	=	\$11,000	\$483,231
South Park Historic Dist.		X	0	+		X	0	=	\$0	\$0
St. Francis Central Catholic	\$135,000	X	0	+	\$135,000	X	0	=	\$0	\$88,000
St. Mary's Orthodox Church	\$135	X	0	+	\$135	X	0	=	\$0	\$40,000

Stalnaker Hall	\$9,800	X	1	+	\$9,800	X	0	=	\$9,800	\$1,255,623
Star City PD	\$320	X	0	+	\$320	X	0	=	\$0	\$78,000
Star City VFD	\$192	X	0	+	\$192	X	0	=	\$0	\$80,000
Stewart Hall	\$4,300	X	1	+	\$4,300	X	0	=	\$4,300	\$311,540
Suncrest MS	\$5,450	X	1	+	\$5,450	X	0	=	\$5,450	\$346,848
Suncrest PS		X	1	+		X	0	=	\$0	\$0
Swanson Plating	\$54,000	X	1	+	\$54,000	X	0	=	\$54,000	\$374,000
Trinity Christian School		X	1	+		X	0	=	\$0	\$0
Triune-Halleck VFD	\$150	X	0	+	\$150	X	0	=	\$0	\$10,000
University HS	\$17,700	X	1	+	\$17,700	X	0	=	\$17,700	\$556,294
Upper Deckers #4		X	0	+		X	0	=	\$0	\$0
Vance Farmhouse	\$50	X	0	+	\$50	X	0	=	\$0	\$5,544
Wadestown VFD	\$340	X	0	+	\$340	X	0	=	\$0	\$20,000
Waitman T. Willey House	\$25	X	0	+	\$25	X	0	=	\$0	\$32,000
Walters House	\$20	X	0	+	\$20	X	0	=	\$0	\$17,710
West Virginia University	\$13,200,000	X	1	+	\$13,200,000	X	0	=	\$13,200,000	\$87,886,240
Westover City Hall		X	1	+		X	0	=	\$0	\$0
Westover PD		X	0	+		X	0	=	\$0	\$0
Westover VFD	\$250	X	0	+	\$250	X	0	=	\$0	\$6,000
Westwood MS	\$6,700	X	1	+	\$6,700	X	0	=	\$6,700	\$347,499
Women's Christian Temperance Union Comm. Bldg.	\$138	X	0	+	\$138	X	0	=	\$0	\$29,200
Woodburn ES	\$2,750	X	1	+	\$2,750	X	0	=	\$2,750	\$90,874
Woodburn Hall	\$13,500	X	1	+	\$13,500	X	0	=	\$13,500	\$459,268
WV State Police	\$1,300	X	0	+	\$1,300	X	0	=	\$0	\$20,000
WVU Hospital (Ruby Memorial)	\$273,000	X	1	+	\$273,000	X	0	=	\$273,000	\$2,477,000
									\$26,426,275	\$266,471,298

**Hazard: Wildfire (Monongalia County)**

Name/Description of Asset	Structure Loss					Contents Loss				
	Structure Replacement Value (\$)	X	Percent Damage (%)	=	Loss to Structure (\$)	Replacement Value of Contents (\$)	X	Percent Damage (%)	=	Loss to Contents (\$)
Alexander Wade House		X	50%	=	\$0		X	50%	=	\$0
Alliance Christian School		X	50%	=	\$0		X	50%	=	\$0
Blacksville No. 2 Mine	192,000.00	X	5%	=	\$9,600		X	5%	=	\$0
Blacksville VFD		X	0%	=	\$0		X	0%	=	\$0
Bridges		X	0%	=	\$0		X	0%	=	\$0
Brookhaven ES	5,545,753.00	X	0%	=	\$0	1,367,360.00	X	0%	=	\$0
Brookhaven VFD	550,000.00	X	0%	=	\$0	3,000,000.00	X	0%	=	\$0
Brown Building	1,250,000.00	X	0%	=	\$0	200,000.00	X	0%	=	\$0
Camp Rhododendron		X	10%	=	\$0		X	10%	=	\$0
Chancery Hill Historic District		X	0%	=	\$0		X	0%	=	\$0
Cheat Lake ES	8,245,707.00	X	0%	=	\$0	1,632,219.00	X	0%	=	\$0
Cheat Lake MS	5,868,412.00	X	0%	=	\$0	1,720,593.00	X	0%	=	\$0
Cheat Lake VFD	500,000.00	X	0%	=	\$0	1,500,000.00	X	0%	=	\$0
Chestnut Ridge Hospital	9,135,000.00	X	0%	=	\$0	5,000,000.00	X	0%	=	\$0
Chestnut Ridge Research		X	0%	=	\$0		X	0%	=	\$0
Clay Battelle HS	7,255,832.00	X	0%	=	\$0	1,687,065.00	X	0%	=	\$0
Clinton District VFD		X	50%	=	\$0		X	50%	=	\$0
Cool Spring VFD	548,500.00	X	50%	=	\$274,250	750,000.00	X	50%	=	\$375,000
Cooper's Rock State Forest Supt. House	180,000.00	X	50%	=	\$90,000	20,000.00	X	50%	=	\$10,000
Covenant Christian School		X	0%	=	\$0		X	0%	=	\$0
Crooked Run #4		X	0%	=	\$0		X	0%	=	\$0
D.I.B. Anderson Farmhouse	264,000.00	X	100%	=	\$264,000	50,000.00	X	100%	=	\$50,000
Daybrook ES	117,362.00	X	50%	=	\$58,681	371,267.00	X	50%	=	\$185,634

Dents Run Covered Bridge		X	50%	=	\$0		X	50%	=	\$0
Dering Building		X	0%	=	\$0		X	0%	=	\$0
Dorsey Preschool	468,000.00	X	0%	=	\$0	125,275.00	X	0%	=	\$0
Downtown Morgantown Historic District		X	0%	=	\$0		X	0%	=	\$0
Easton ES	1,214,218.00	X	0%	=	\$0	477,708.00	X	0%	=	\$0
Easton Roller Mill	2,000,000.00	X	0%	=	\$0	30,000.00	X	0%	=	\$0
Elizabeth Moore Hall	7,140,119.00	X	0%	=	\$0	7,140,119.00	X	0%	=	\$0
Ford House	78,000.00	X	0%	=	\$0	10,000.00	X	0%	=	\$0
Fort Martin Power Plant		X	0%	=	\$0		X	0%	=	\$0
Fourth Ward School		X	0%	=	\$0		X	0%	=	\$0
GE Specialty Chemicals		X	0%	=	\$0		X	0%	=	\$0
Granville VFD and Police and Town Hall	250,000.00	X	0%	=	\$0	250,000.00	X	0%	=	\$0
Greenmont Historic District		X	0%	=	\$0		X	0%	=	\$0
Hackney House	150,000.00	X	0%	=	\$0	500,000.00	X	0%	=	\$0
Hamilton Farm Petroglyphs		X	0%	=	\$0		X	0%	=	\$0
Harmony Grove Meeting House	105,600.00	X	0%	=	\$0	30,000.00	X	0%	=	\$0
Harner Homestead		X	0%	=	\$0		X	0%	=	\$0
Hartman Run Bridge	4,000,000.00	X	0%	=	\$0		X	0%	=	\$0
Harvey Run #1	5,243,333.00	X	0%	=	\$0		X	0%	=	\$0
HealthSouth Mountain view	11,000,000.00	X	0%	=	\$0	4,500,000.00	X	0%	=	\$0
Henry Clay Furnace	50,000.00	X	0%	=	\$0		X	0%	=	\$0
Hildebrand Lock and Dam	50,000,000.00	X	0%	=	\$0		X	0%	=	\$0
Jakes Run Preschool	1,041,249.00	X	50%	=	\$520,625	133,484.00	X	50%	=	\$66,742
Judge Frank Cox House	4,000,000.00	X	0%	=	\$0	100,000.00	X	0%	=	\$0
Kencaid, Arnett, and Flour Bldg.	1,500,000.00	X	0%	=	\$0	250,000.00	X	0%	=	\$0

Kern's Fort	25,000.00	X	0%	=	\$0	10,000.00	X	0%	=	\$0
Lazzelle Union ES	508,501.00	X	0%	=	\$0	49,023.00	X	0%	=	\$0
Lynch Chapel UM Church		X	0%	=	\$0		X	0%	=	\$0
Maranatha Christian Academy		X	0%	=	\$0		X	0%	=	\$0
Mason-Dixon ES	4,649,610.00	X	0%	=	\$0	917,612.00	X	0%	=	\$0
MEC Power Plant	50,000,000.00	X	0%	=	\$0	250,000,000.00	X	0%	=	\$0
MECCA	1,800,000.00	X	0%	=	\$0	1,800,000.00	X	0%	=	\$0
Men's Hall		X	0%	=	\$0		X	0%	=	\$0
Metropolitan Theater	13,755,000.00	X	0%	=	\$0	500,000.00	X	0%	=	\$0
Monongalia County Courthouse	16,332,230.00	X	0%	=	\$0	3,000,000.00	X	0%	=	\$0
Monongalia County Sheriff	16,332,230.00	X	0%	=	\$0	2,773,000.00	X	0%	=	\$0
Monongalia General Hospital	52,000,000.00	X	0%	=	\$0	60,000,000.00	X	0%	=	\$0
Monongalia Schools Transportation	1,250,000.00	X	0%	=	\$0	500,000.00	X	0%	=	\$0
Monongalia Technical Education Center		X	0%	=	\$0		X	0%	=	\$0
Morgantown HS	23,660,349.00	X	0%	=	\$0	5,163,707.00	X	0%	=	\$0
Morgantown Learning Academy		X	0%	=	\$0		X	0%	=	\$0
Morgantown Lock and Dam	40,000,000.00	X	0%	=	\$0		X	0%	=	\$0
Morgantown Municipal Airport	3,479,424.00	X	0%	=	\$0	243,464.00	X	0%	=	\$0
Morgantown Municipal Building		X	0%	=	\$0		X	0%	=	\$0
Morgantown PD	7,557,680.00	X	0%	=	\$0	393,120,000.00	X	0%	=	\$0
Morgantown Public Library		X	0%	=	\$0		X	0%	=	\$0
Morgantown VFD		X	0%	=	\$0		X	0%	=	\$0
Morgantown Wharf Warehouse Historic Dist.		X	0%	=	\$0		X	0%	=	\$0

Mountainview ES	8,770,058.00	X	0%	=	\$0	1,837,634.00	X	0%	=	\$0
MUB WTP	8,380,850.00	X	0%	=	\$0	21,124,750.00	X	0%	=	\$0
MUB WWTP	4,894,200.00	X	0%	=	\$0	40,147,392.00	X	0%	=	\$0
Mylan		X	0%	=	\$0		X	0%	=	\$0
Mylan Park ES		X	0%	=	\$0		X	0%	=	\$0
National Energy Technology Center		X	0%	=	\$0		X	0%	=	\$0
NIOSH/OSHA		X	0%	=	\$0		X	0%	=	\$0
North ES	6,285,965.00	X	0%	=	\$0	1,760,025.00	X	0%	=	\$0
Oglebay Hall	14,468,426.00	X	0%	=	\$0	14,468,426.00	X	0%	=	\$0
Old Morgantown PO	1,500,000.00	X	0%	=	\$0	38,000.00	X	0%	=	\$0
Old Stone House		X	0%	=	\$0		X	0%	=	\$0
Old Watson Homestead		X	0%	=	\$0		X	0%	=	\$0
Opekiska Lock and Dam	35,000,000.00	X	0%	=	\$0		X	0%	=	\$0
PRT Stations		X	0%	=	\$0		X	0%	=	\$0
Purinton House	2,670,600.00	X	0%	=	\$0	267,600.00	X	0%	=	\$0
Railroads	27,514,750.00	X	0%	=	\$0		X	0%	=	\$0
Residential	3,651,920,821.00	X	68%	=	\$2,483,306,158		X	68%	=	\$0
Ridgedale ES	3,532,104.00	X	0%	=	\$0	77,845.00	X	0%	=	\$0
River Rd. VFD		XX	50%	=	\$0		X	50%	=	\$0
Roads	61,677,200.00	X	0%	=	\$0		X	0%	=	\$0
Rogers House	532,000.00	X	0%	=	\$0	20,000.00	X	0%	=	\$0
Scotts Run VFD		X	0%	=	\$0		X	0%	=	\$0
Second Ward Negro School	400,000.00	X	0%	=	\$0	20,000.00	X	0%	=	\$0
Seneca Glass Company Bldg.	2,500,000.00	X	0%	=	\$0	2,000,000.00	X	0%	=	\$0
Skyview ES		X	0%	=	\$0		X	0%	=	\$0
South MS	11,805,779.00	X	0%	=	\$0	2,738,758.00	X	0%	=	\$0
South Park Historic Dist.		X	0%	=	\$0		X	0%	=	\$0
St. Francis Central Catholic	2,200,000.00	X	0%	=	\$0	2,200,000.00	X	0%	=	\$0
St. Mary's Orthodox Church	1,000,000.00	X	0%	=	\$0	3,000,000.00	X	0%	=	\$0

Stalnaker Hall	31,145,563.00	X	0%	=	\$0	31,145,563.00	X	0%	=	\$0
Star City PD	1,950,000.00	X	0%	=	\$0	120,000.00	X	0%	=	\$0
Star City VFD	2,000,000.00	X	0%	=	\$0	7,000,000.00	X	0%	=	\$0
Stewart Hall	7,681,000.00	X	0%	=	\$0	7,681,000.00	X	0%	=	\$0
Suncrest MS	8,534,947.00	X	0%	=	\$0	1,504,600.00	X	0%	=	\$0
Suncrest PS		X	0%	=	\$0		X	0%	=	\$0
Swanson Plating	8,000,000.00	X	0%	=	\$0	20,000,000.00	X	0%	=	\$0
Trinity Christian School		X	0%	=	\$0		X	0%	=	\$0
Triune-Halleck VFD	250,000.00	X	0%	=	\$0	350,000.00	X	0%	=	\$0
University HS	13,464,860.00	X	0%	=	\$0	3,355,504.00	X	0%	=	\$0
Upper Deckers #4		X	0%	=	\$0		X	0%	=	\$0
Vance Farmhouse	138,600.00	X	0%	=	\$0	100,000.00	X	0%	=	\$0
Wadestown VFD	500,000.00	X	50%	=	\$250,000	500,000.00	X	50%	=	\$250,000
Waitman T. Willey House	800,000.00	X	0%	=	\$0	250,000.00	X	0%	=	\$0
Walters House	442,750.00	X	0%	=	\$0	200,000.00	X	0%	=	\$0
West Virginia University	1,867,156,000.00	X	1%	=	\$9,335,780	500,000,000.00	X	1%	=	\$2,500,000
Westover City Hall		X	0%	=	\$0		X	0%	=	\$0
Westover PD		X	0%	=	\$0		X	0%	=	\$0
Westover VFD	150,000.00	X	0%	=	\$0	1,500,000.00	X	0%	=	\$0
Westwood MS	8,519,979.00	X	0%	=	\$0	1,942,446.00	X	0%	=	\$0
Women's Christian Temperance Union Comm. Bldg.	730,000.00	X	0%	=	\$0	200,000.00	X	0%	=	\$0
Woodburn ES	2,203,093.00	X	0%	=	\$0	645,921.00	X	0%	=	\$0
Woodburn Hall	11,144,200.00	X	0%	=	\$0	5,000,000.00	X	0%	=	\$0
WV State Police	500,000.00	X	0%	=	\$0	500,000.00	X	0%	=	\$0
WVU Hospital (Ruby Memorial)	55,100,000.00	X	0%	=	\$0	100,000,000.00	X	0%	=	\$0
					\$2,494,109,094					\$3,437,376

**Hazard: Wildfire (Monongalia County)**

Name/Description of Asset	Structure Use and Function Loss									Structure + Contents + Function Loss
	Average Daily Operating Budget (\$)	X	Functional Downtime (# of days)	+	Displacement Cost per Day (\$)	X	Displacement Time (Days)	=	Structure Use & Function Loss (\$)	
Alexander Wade House		X	0	+		X	365	=	\$0	\$0
Alliance Christian School		X	0	+		X	365	=	\$0	\$0
Blacksville No. 2 Mine		X	0	+		X	0	=	\$0	\$9,600
Blacksville VFD		X	0	+		X	365	=	\$0	\$0
Bridges		X	0	+		X	0	=	\$0	\$0
Brookhaven ES	\$5,900	X	0	+	\$5,900	X	365	=	\$2,153,500	\$2,153,500
Brookhaven VFD	\$400	X	0	+	\$400	X	365	=	\$146,000	\$146,000
Brown Building	\$1,370	X	0	+	\$1,370	X	365	=	\$500,050	\$500,050
Camp Rhododendron		X	0	+		X	365	=	\$0	\$0
Chancery Hill Historic District		X	0	+		X	365	=	\$0	\$0
Cheat Lake ES	\$7,600	X	0	+	\$7,600	X	365	=	\$2,774,000	\$2,774,000
Cheat Lake MS	\$7,900	X	0	+	\$7,900	X	365	=	\$2,883,500	\$2,883,500
Cheat Lake VFD	\$450	X	0	+	\$450	X	365	=	\$164,250	\$164,250
Chestnut Ridge Hospital	\$13,700	X	0	+	\$13,700	X	365	=	\$5,000,500	\$5,000,500
Chestnut Ridge Research		X	0	+		X	365	=	\$0	\$0
Clay Battelle HS	\$5,200	X	1	+	\$5,200	X	365	=	\$1,903,200	\$1,903,200
Clinton District VFD		X	0	+		X	365	=	\$0	\$0
Cool Spring VFD	\$550	X	0	+	\$550	X	365	=	\$200,750	\$850,000
Cooper's Rock State Forest Supt. House	\$100	X	0	+	\$100	X	365	=	\$36,500	\$136,500
Covenant Christian School		X	0	+		X	365	=	\$0	\$0
Crooked Run #4		X	0	+		X	365	=	\$0	\$0
D.I.B. Anderson Farmhouse		X	0	+		X	365	=	\$0	\$314,000
Daybrook ES	\$1,400	X	0	+	\$1,400	X	365	=	\$511,000	\$755,315

Dents Run Covered Bridge		X	0	+		X	365	=	\$0	\$0
Dering Building		X	0	+		X	365	=	\$0	\$0
Dorsey Preschool	\$3,450	X	0	+	\$3,450	X	365	=	\$1,259,250	\$1,259,250
Downtown Morgantown Historic District		X	0	+		X	365	=	\$0	\$0
Easton ES	\$1,800	X	0	+	\$1,800	X	365	=	\$657,000	\$657,000
Easton Roller Mill	\$0	X	0	+	\$0	X	365	=	\$0	\$0
Elizabeth Moore Hall	\$2,100	X	0	+	\$2,100	X	365	=	\$766,500	\$766,500
Ford House	\$5	X	0	+	\$5	X	365	=	\$1,825	\$1,825
Fort Martin Power Plant		X	1	+		X	365	=	\$0	\$0
Fourth Ward School		X	0	+		X	365	=	\$0	\$0
GE Specialty Chemicals		X	1	+		X	365	=	\$0	\$0
Granville VFD and Police and Town Hall	\$6,868	X	1	+	\$6,868	X	365	=	\$2,513,736	\$2,513,736
Greenmont Historic District		X	0	+		X	365	=	\$0	\$0
Hackney House	\$400	X	0	+	\$400	X	365	=	\$146,000	\$146,000
Hamilton Farm Petroglyphs		X	0	+		X	365	=	\$0	\$0
Harmony Grove Meeting House	\$5	X	0	+	\$5	X	365	=	\$1,825	\$1,825
Harner Homestead		X	0	+		X	365	=	\$0	\$0
Hartman Run Bridge		X	0	+		X	365	=	\$0	\$0
Harvey Run #1		X	0	+		X	365	=	\$0	\$0
HealthSouth Mountain view	\$27,000	X	0	+	\$27,000	X	365	=	\$9,855,000	\$9,855,000
Henry Clay Furnace		X	0	+		X	365	=	\$0	\$0
Hildebrand Lock and Dam	\$200,000	X	1	+	\$200,000	X	365	=	\$73,200,000	\$73,200,000
Jakes Run Preschool	\$300	X	0	+	\$300	X	365	=	\$109,500	\$696,867
Judge Frank Cox House	\$2,200	X	0	+	\$2,200	X	365	=	\$803,000	\$803,000
Kencaid, Arnett, and Flour Bldg.	\$680	X	0	+	\$680	X	365	=	\$248,200	\$248,200

Kern's Fort	\$6	X	0	+	\$6	X	365	=	\$2,190	\$2,190
Lazelle Union ES	\$1,350	X	0	+	\$1,350	X	365	=	\$492,750	\$492,750
Lynch Chapel UM Church		X	0	+		X	365	=	\$0	\$0
Maranatha Christian Academy		X	0	+		X	365	=	\$0	\$0
Mason-Dixon ES	\$5,000	X	0	+	\$5,000	X	365	=	\$1,825,000	\$1,825,000
MEC Power Plant	\$685,000	X	1	+	\$685,000	X	365	=	\$250,710,000	\$250,710,000
MECCA		X	0	+		X	365	=	\$0	\$0
Men's Hall		X	0	+		X	365	=	\$0	\$0
Metropolitan Theater	\$10,000	X	0	+	\$10,000	X	365	=	\$3,650,000	\$3,650,000
Monongalia County Courthouse	\$90,411	X	0	+	\$90,411	X	365	=	\$32,999,997	\$32,999,997
Monongalia County Sheriff	\$10,098	X	0	+	\$10,098	X	365	=	\$3,685,693	\$3,685,693
Monongalia General Hospital	\$110,000	X	0	+	\$110,000	X	365	=	\$40,150,000	\$40,150,000
Monongalia Schools Transportation	\$11,780,822	X	0	+	\$11,780,822	X	365	=	\$4,299,999,997	\$4,299,999,997
Monongalia Technical Education Center		X	0	+		X	365	=	\$0	\$0
Morgantown HS	\$22,100	X	0	+	\$22,100	X	365	=	\$8,066,500	\$8,066,500
Morgantown Learning Academy		X	0	+		X	365	=	\$0	\$0
Morgantown Lock and Dam	\$200,000	X	1	+	\$200,000	X	365	=	\$73,200,000	\$73,200,000
Morgantown Municipal Airport	\$7,756	X	0	+	\$7,756	X	365	=	\$2,830,940	\$2,830,940
Morgantown Municipal Building		X	0	+		X	365	=	\$0	\$0
Morgantown PD	\$30,466,000	X	0	+	\$30,466,000	X	365	=	\$11,120,090,000	\$11,120,090,000
Morgantown Public Library		X	0	+		X	365	=	\$0	\$0
Morgantown VFD		X	0	+		X	365	=	\$0	\$0
Morgantown Wharf Warehouse Historic Dist.		X	1	+		X	365	=	\$0	\$0

Mountainview ES	\$8,750	X	0	+	\$8,750	X	365	=	\$3,193,750	\$3,193,750
MUB WTP	\$3,429	X	1	+	\$3,429	X	365	=	\$1,254,868	\$1,254,868
MUB WWTP	\$3,198	X	1	+	\$3,198	X	365	=	\$1,170,398	\$1,170,398
Mylan		X	0	+		X	365	=	\$0	\$0
Mylan Park ES		X	0	+		X	365	=	\$0	\$0
National Energy Technology Center		X	0	+		X	365	=	\$0	\$0
NIOSH/OSHA		X	0	+		X	365	=	\$0	\$0
North ES	\$8,750	X	0	+	\$8,750	X	365	=	\$3,193,750	\$3,193,750
Oglebay Hall	\$6,500	X	0	+	\$6,500	X	365	=	\$2,372,500	\$2,372,500
Old Morgantown PO	\$27	X	0	+	\$27	X	365	=	\$9,855	\$9,855
Old Stone House		X	0	+		X	365	=	\$0	\$0
Old Watson Homestead		X	0	+		X	365	=	\$0	\$0
Opekiska Lock and Dam	\$200,000	X	1	+	\$200,000	X	365	=	\$73,200,000	\$73,200,000
PRT Stations		X	0	+		X	365	=	\$0	\$0
Purinton House	\$650	X	0	+	\$650	X	365	=	\$237,250	\$237,250
Railroads		X	1	+		X	0	=	\$0	\$0
Residential		X	0	+		X	0	=	\$0	\$2,483,306,158
Ridgedale ES	\$3,600	X	0	+	\$3,600	X	365	=	\$1,314,000	\$1,314,000
River Rd. VFD		X	1	+		X	365	=	\$0	\$0
Roads		X	0	+		X	0	=	\$0	\$0
Rogers House	\$10	X	0	+	\$10	X	365	=	\$3,650	\$3,650
Scotts Run VFD		X	0	+		X	365	=	\$0	\$0
Second Ward Negro School	\$13	X	0	+	\$13	X	365	=	\$4,745	\$4,745
Seneca Glass Company Bldg.	\$2,700	X	0	+	\$2,700	X	365	=	\$985,500	\$985,500
Skyview ES		X	0	+		X	365	=	\$0	\$0
South MS	\$11,000	X	0	+	\$11,000	X	365	=	\$4,015,000	\$4,015,000
South Park Historic Dist.		X	0	+		X	365	=	\$0	\$0
St. Francis Central Catholic	\$135,000	X	0	+	\$135,000	X	365	=	\$49,275,000	\$49,275,000
St. Mary's Orthodox Church	\$135	X	0	+	\$135	X	365	=	\$49,275	\$49,275

Stalnaker Hall	\$9,800	X	0	+	\$9,800	X	365	=	\$3,577,000	\$3,577,000
Star City PD	\$320	X	0	+	\$320	X	365	=	\$116,800	\$116,800
Star City VFD	\$192	X	0	+	\$192	X	365	=	\$70,080	\$70,080
Stewart Hall	\$4,300	X	0	+	\$4,300	X	365	=	\$1,569,500	\$1,569,500
Suncrest MS	\$5,450	X	0	+	\$5,450	X	365	=	\$1,989,250	\$1,989,250
Suncrest PS		X	0	+		X	365	=	\$0	\$0
Swanson Plating	\$54,000	X	0	+	\$54,000	X	365	=	\$19,710,000	\$19,710,000
Trinity Christian School		X	0	+		X	365	=	\$0	\$0
Triune-Halleck VFD	\$150	X	0	+	\$150	X	365	=	\$54,750	\$54,750
University HS	\$17,700	X	0	+	\$17,700	X	365	=	\$6,460,500	\$6,460,500
Upper Deckers #4		X	0	+		X	365	=	\$0	\$0
Vance Farmhouse	\$50	X	0	+	\$50	X	365	=	\$18,250	\$18,250
Wadestown VFD	\$340	X	0	+	\$340	X	365	=	\$124,100	\$624,100
Waitman T. Willey House	\$25	X	0	+	\$25	X	365	=	\$9,125	\$9,125
Walters House	\$20	X	0	+	\$20	X	365	=	\$7,300	\$7,300
West Virginia University	\$13,200,000	X	1	+	\$13,200,000	X	365	=	\$4,831,200,000	\$4,843,035,780
Westover City Hall		X	1	+		X	365	=	\$0	\$0
Westover PD		X	0	+		X	365	=	\$0	\$0
Westover VFD	\$250	X	0	+	\$250	X	365	=	\$91,250	\$91,250
Westwood MS	\$6,700	X	1	+	\$6,700	X	365	=	\$2,452,200	\$2,452,200
Women's Christian Temperance Union Comm. Bldg.	\$138	X	0	+	\$138	X	365	=	\$50,370	\$50,370
Woodburn ES	\$2,750	X	0	+	\$2,750	X	365	=	\$1,003,750	\$1,003,750
Woodburn Hall	\$13,500	X	0	+	\$13,500	X	365	=	\$4,927,500	\$4,927,500
WV State Police	\$1,300	X	0	+	\$1,300	X	365	=	\$474,500	\$474,500
WVU Hospital (Ruby Memorial)	\$273,000	X	0	+	\$273,000	X	365	=	\$99,645,000	\$99,645,000
									\$21,057,368,919	\$23,554,915,388

**Hazard: Severe Thunderstorm (Monongalia County)**

Name/Description of Asset	Structure Loss					Contents Loss				
	Structure Replacement Value (\$)	X	Percent Damage (%)	=	Loss to Structure (\$)	Replacement Value of Contents (\$)	X	Percent Damage (%)	=	Loss to Contents (\$)
Alexander Wade House		X	1%	=	\$0		X	1%	=	\$0
Alliance Christian School		X	1%	=	\$0		X	1%	=	\$0
Blacksville No. 2 Mine	192,000.00	X	1%	=	\$1,920		X	1%	=	\$0
Blacksville VFD		X	1%	=	\$0		X	1%	=	\$0
Bridges		X	1%	=	\$0		X	1%	=	\$0
Brookhaven ES	5,545,753.00	X	1%	=	\$55,458	1,367,360.00	X	1%	=	\$13,674
Brookhaven VFD	550,000.00	X	1%	=	\$5,500	3,000,000.00	X	1%	=	\$30,000
Brown Building	1,250,000.00	X	1%	=	\$12,500	200,000.00	X	1%	=	\$2,000
Camp Rhododendron		X	1%	=	\$0		X	1%	=	\$0
Chancery Hill Historic District		X	1%	=	\$0		X	1%	=	\$0
Cheat Lake ES	8,245,707.00	X	1%	=	\$82,457	1,632,219.00	X	1%	=	\$16,322
Cheat Lake MS	5,868,412.00	X	1%	=	\$58,684	1,720,593.00	X	1%	=	\$17,206
Cheat Lake VFD	500,000.00	X	1%	=	\$5,000	1,500,000.00	X	1%	=	\$15,000
Chestnut Ridge Hospital	9,135,000.00	X	1%	=	\$91,350	5,000,000.00	X	1%	=	\$50,000
Chestnut Ridge Research		X	1%	=	\$0		X	1%	=	\$0
Clay Battelle HS	7,255,832.00	X	1%	=	\$72,558	1,687,065.00	X	1%	=	\$16,871
Clinton District VFD		X	1%	=	\$0		X	1%	=	\$0
Cool Spring VFD	548,500.00	X	1%	=	\$5,485	750,000.00	X	1%	=	\$7,500
Cooper's Rock State Forest Supt. House	180,000.00	X	1%	=	\$1,800	20,000.00	X	1%	=	\$200
Covenant Christian School		X	1%	=	\$0		X	1%	=	\$0
Crooked Run #4		X	1%	=	\$0		X	1%	=	\$0
D.I.B. Anderson Farmhouse	264,000.00	X	1%	=	\$2,640	50,000.00	X	1%	=	\$500
Daybrook ES	117,362.00	X	1%	=	\$1,174	371,267.00	X	1%	=	\$3,713

Dents Run Covered Bridge		X	1%	=	\$0		X	1%	=	\$0
Dering Building		X	1%	=	\$0		X	1%	=	\$0
Dorsey Preschool	468,000.00	X	1%	=	\$4,680	125,275.00	X	1%	=	\$1,253
Downtown Morgantown Historic District		X	1%	=	\$0		X	1%	=	\$0
Easton ES	1,214,218.00	X	1%	=	\$12,142	477,708.00	X	1%	=	\$4,777
Easton Roller Mill	2,000,000.00	X	1%	=	\$20,000	30,000.00	X	1%	=	\$300
Elizabeth Moore Hall	7,140,119.00	X	1%	=	\$71,401	7,140,119.00	X	1%	=	\$71,401
Ford House	78,000.00	X	1%	=	\$780	10,000.00	X	1%	=	\$100
Fort Martin Power Plant		X	1%	=	\$0		X	1%	=	\$0
Fourth Ward School		X	1%	=	\$0		X	1%	=	\$0
GE Specialty Chemicals		X	1%	=	\$0		X	1%	=	\$0
Granville VFD and Police and Town Hall	250,000.00	X	1%	=	\$2,500	250,000.00	X	1%	=	\$2,500
Greenmont Historic District		X	1%	=	\$0		X	1%	=	\$0
Hackney House	150,000.00	X	1%	=	\$1,500	500,000.00	X	1%	=	\$5,000
Hamilton Farm Petroglyphs		X	1%	=	\$0		X	1%	=	\$0
Harmony Grove Meeting House	105,600.00	X	1%	=	\$1,056	30,000.00	X	1%	=	\$300
Harner Homestead		X	1%	=	\$0		X	1%	=	\$0
Hartman Run Bridge	4,000,000.00	X	1%	=	\$40,000		X	1%	=	\$0
Harvey Run #1	5,243,333.00	X	1%	=	\$52,433		X	1%	=	\$0
HealthSouth Mountain view	11,000,000.00	X	1%	=	\$110,000	4,500,000.00	X	1%	=	\$45,000
Henry Clay Furnace	50,000.00	X	1%	=	\$500		X	1%	=	\$0
Hildebrand Lock and Dam	50,000,000.00	X	1%	=	\$500,000		X	1%	=	\$0
Jakes Run Preschool	1,041,249.00	X	1%	=	\$10,412	133,484.00	X	1%	=	\$1,335
Judge Frank Cox House	4,000,000.00	X	1%	=	\$40,000	100,000.00	X	1%	=	\$1,000
Kencaid, Arnett, and Flour Bldg.	1,500,000.00	X	1%	=	\$15,000	250,000.00	X	1%	=	\$2,500

Kern's Fort	25,000.00	X	1%	=	\$250	10,000.00	X	1%	=	\$100
Lazzelle Union ES	508,501.00	X	1%	=	\$5,085	49,023.00	X	1%	=	\$490
Lynch Chapel UM Church		X	1%	=	\$0		X	1%	=	\$0
Maranatha Christian Academy		X	1%	=	\$0		X	1%	=	\$0
Mason-Dixon ES	4,649,610.00	X	1%	=	\$46,496	917,612.00	X	1%	=	\$9,176
MEC Power Plant	50,000,000.00	X	1%	=	\$500,000	250,000,000.00	X	1%	=	\$2,500,000
MECCA	1,800,000.00	X	1%	=	\$18,000	1,800,000.00	X	1%	=	\$18,000
Men's Hall		X	1%	=	\$0		X	1%	=	\$0
Metropolitan Theater	13,755,000.00	X	1%	=	\$137,550	500,000.00	X	1%	=	\$5,000
Monongalia County Courthouse	16,332,230.00	X	1%	=	\$163,322	3,000,000.00	X	1%	=	\$30,000
Monongalia County Sheriff	16,332,230.00	X	1%	=	\$163,322	2,773,000.00	X	1%	=	\$27,730
Monongalia General Hospital	52,000,000.00	X	1%	=	\$520,000	60,000,000.00	X	1%	=	\$600,000
Monongalia Schools Transportation	1,250,000.00	X	1%	=	\$12,500	500,000.00	X	1%	=	\$5,000
Monongalia Technical Education Center		X	1%	=	\$0		X	1%	=	\$0
Morgantown HS	23,660,349.00	X	1%	=	\$236,603	5,163,707.00	X	1%	=	\$51,637
Morgantown Learning Academy		X	1%	=	\$0		X	1%	=	\$0
Morgantown Lock and Dam	40,000,000.00	X	1%	=	\$400,000		X	1%	=	\$0
Morgantown Municipal Airport	3,479,424.00	X	1%	=	\$34,794	243,464.00	X	1%	=	\$2,435
Morgantown Municipal Building		X	1%	=	\$0		X	1%	=	\$0
Morgantown PD	7,557,680.00	X	1%	=	\$75,577	393,120,000.00	X	1%	=	\$3,931,200
Morgantown Public Library		X	1%	=	\$0		X	1%	=	\$0
Morgantown VFD		X	1%	=	\$0		X	1%	=	\$0
Morgantown Wharf Warehouse Historic Dist.		X	1%	=	\$0		X	1%	=	\$0

Mountainview ES	8,770,058.00	X	1%	=	\$87,701	1,837,634.00	X	1%	=	\$18,376
MUB WTP	8,380,850.00	X	1%	=	\$83,809	21,124,750.00	X	1%	=	\$211,248
MUB WWTP	4,894,200.00	X	1%	=	\$48,942	40,147,392.00	X	1%	=	\$401,474
Mylan		X	1%	=	\$0		X	1%	=	\$0
Mylan Park ES		X	1%	=	\$0		X	1%	=	\$0
National Energy Technology Center		X	1%	=	\$0		X	1%	=	\$0
NIOSH/OSHA		X	1%	=	\$0		X	1%	=	\$0
North ES	6,285,965.00	X	1%	=	\$62,860	1,760,025.00	X	1%	=	\$17,600
Oglebay Hall	14,468,426.00	X	1%	=	\$144,684	14,468,426.00	X	1%	=	\$144,684
Old Morgantown PO	1,500,000.00	X	1%	=	\$15,000	38,000.00	X	1%	=	\$380
Old Stone House		X	1%	=	\$0		X	1%	=	\$0
Old Watson Homestead		X	1%	=	\$0		X	1%	=	\$0
Opekiska Lock and Dam	35,000,000.00	X	1%	=	\$350,000		X	1%	=	\$0
PRT Stations		X	1%	=	\$0		X	1%	=	\$0
Purinton House	2,670,600.00	X	1%	=	\$26,706	267,600.00	X	1%	=	\$2,676
Railroads	27,514,750.00	X	1%	=	\$275,148		X	1%	=	\$0
Residential	3,651,920,821.00	X	1%	=	\$36,519,208		X	1%	=	\$0
Ridgedale ES	3,532,104.00	X	1%	=	\$35,321	77,845.00	X	1%	=	\$778
River Rd. VFD		XX	1%	=	\$0		X	1%	=	\$0
Roads	61,677,200.00	X	1%	=	\$616,772		X	1%	=	\$0
Rogers House	532,000.00	X	1%	=	\$5,320	20,000.00	X	1%	=	\$200
Scotts Run VFD		X	1%	=	\$0		X	1%	=	\$0
Second Ward Negro School	400,000.00	X	1%	=	\$4,000	20,000.00	X	1%	=	\$200
Seneca Glass Company Bldg.	2,500,000.00	X	1%	=	\$25,000	2,000,000.00	X	1%	=	\$20,000
Skyview ES		X	1%	=	\$0		X	1%	=	\$0
South MS	11,805,779.00	X	1%	=	\$118,058	2,738,758.00	X	1%	=	\$27,388
South Park Historic Dist.		X	1%	=	\$0		X	1%	=	\$0
St. Francis Central Catholic	2,200,000.00	X	1%	=	\$22,000	2,200,000.00	X	1%	=	\$22,000
St. Mary's Orthodox Church	1,000,000.00	X	1%	=	\$10,000	3,000,000.00	X	1%	=	\$30,000

Stalnaker Hall	31,145,563.00	X	1%	=	\$311,456	31,145,563.00	X	1%	=	\$311,456
Star City PD	1,950,000.00	X	1%	=	\$19,500	120,000.00	X	1%	=	\$1,200
Star City VFD	2,000,000.00	X	1%	=	\$20,000	7,000,000.00	X	1%	=	\$70,000
Stewart Hall	7,681,000.00	X	1%	=	\$76,810	7,681,000.00	X	1%	=	\$76,810
Suncrest MS	8,534,947.00	X	1%	=	\$85,349	1,504,600.00	X	1%	=	\$15,046
Suncrest PS		X	1%	=	\$0		X	1%	=	\$0
Swanson Plating	8,000,000.00	X	1%	=	\$80,000	20,000,000.00	X	1%	=	\$200,000
Trinity Christian School		X	1%	=	\$0		X	1%	=	\$0
Triune-Halleck VFD	250,000.00	X	1%	=	\$2,500	350,000.00	X	1%	=	\$3,500
University HS	13,464,860.00	X	1%	=	\$134,649	3,355,504.00	X	1%	=	\$33,555
Upper Deckers #4		X	1%	=	\$0		X	1%	=	\$0
Vance Farmhouse	138,600.00	X	1%	=	\$1,386	100,000.00	X	1%	=	\$1,000
Wadestown VFD	500,000.00	X	1%	=	\$5,000	500,000.00	X	1%	=	\$5,000
Waitman T. Willey House	800,000.00	X	1%	=	\$8,000	250,000.00	X	1%	=	\$2,500
Walters House	442,750.00	X	1%	=	\$4,428	200,000.00	X	1%	=	\$2,000
West Virginia University	1,867,156,000.00	X	1%	=	\$18,671,560	500,000,000.00	X	1%	=	\$5,000,000
Westover City Hall		X	1%	=	\$0		X	1%	=	\$0
Westover PD		X	1%	=	\$0		X	1%	=	\$0
Westover VFD	150,000.00	X	1%	=	\$1,500	1,500,000.00	X	1%	=	\$15,000
Westwood MS	8,519,979.00	X	1%	=	\$85,200	1,942,446.00	X	1%	=	\$19,424
Women's Christian Temperance Union Comm. Bldg.	730,000.00	X	1%	=	\$7,300	200,000.00	X	1%	=	\$2,000
Woodburn ES	2,203,093.00	X	1%	=	\$22,031	645,921.00	X	1%	=	\$6,459
Woodburn Hall	11,144,200.00	X	1%	=	\$111,442	5,000,000.00	X	1%	=	\$50,000
WV State Police	500,000.00	X	1%	=	\$5,000	500,000.00	X	1%	=	\$5,000
WVU Hospital (Ruby Memorial)	55,100,000.00	X	1%	=	\$551,000	100,000,000.00	X	1%	=	\$1,000,000
					\$62,247,069					\$15,206,174

**Hazard: Severe Thunderstorm (Monongalia County)**

Name/Description of Asset	Structure Use and Function Loss									Structure + Contents + Function Loss
	Average Daily Operating Budget (\$)	X	Functional Downtime (# of days)	+	Displacement Cost per Day (\$)	X	Displacement Time (Days)	=	Structure Use & Function Loss (\$)	
Alexander Wade House		X	0	+		X	0	=	\$0	\$0
Alliance Christian School		X	0	+		X	0	=	\$0	\$0
Blacksville No. 2 Mine		X	0	+		X	0	=	\$0	\$1,920
Blacksville VFD		X	0	+		X	0	=	\$0	\$0
Bridges		X	0	+		X	0	=	\$0	\$0
Brookhaven ES	\$5,900	X	0	+	\$5,900	X	0	=	\$0	\$69,131
Brookhaven VFD	\$400	X	0	+	\$400	X	0	=	\$0	\$35,500
Brown Building	\$1,370	X	0	+	\$1,370	X	0	=	\$0	\$14,500
Camp Rhododendron		X	0	+		X	0	=	\$0	\$0
Chancery Hill Historic District		X	0	+		X	0	=	\$0	\$0
Cheat Lake ES	\$7,600	X	0	+	\$7,600	X	0	=	\$0	\$98,779
Cheat Lake MS	\$7,900	X	0	+	\$7,900	X	0	=	\$0	\$75,890
Cheat Lake VFD	\$450	X	0	+	\$450	X	0	=	\$0	\$20,000
Chestnut Ridge Hospital	\$13,700	X	0	+	\$13,700	X	0	=	\$0	\$141,350
Chestnut Ridge Research		X	0	+		X	0	=	\$0	\$0
Clay Battelle HS	\$5,200	X	0	+	\$5,200	X	0	=	\$0	\$89,429
Clinton District VFD		X	0	+		X	0	=	\$0	\$0
Cool Spring VFD	\$550	X	0	+	\$550	X	0	=	\$0	\$12,985
Cooper's Rock State Forest Supt. House	\$100	X	0	+	\$100	X	0	=	\$0	\$2,000
Covenant Christian School		X	0	+		X	0	=	\$0	\$0
Crooked Run #4		X	0	+		X	0	=	\$0	\$0
D.I.B. Anderson Farmhouse		X	0	+		X	0	=	\$0	\$3,140
Daybrook ES	\$1,400	X	0	+	\$1,400	X	0	=	\$0	\$4,886

Dents Run Covered Bridge		X	0	+		X	0	=	\$0	\$0
Dering Building		X	0	+		X	0	=	\$0	\$0
Dorsey Preschool	\$3,450	X	0	+	\$3,450	X	0	=	\$0	\$5,933
Downtown Morgantown Historic District		X	0	+		X	0	=	\$0	\$0
Easton ES	\$1,800	X	0	+	\$1,800	X	0	=	\$0	\$16,919
Easton Roller Mill	\$0	X	0	+	\$0	X	0	=	\$0	\$20,300
Elizabeth Moore Hall	\$2,100	X	0	+	\$2,100	X	0	=	\$0	\$142,802
Ford House	\$5	X	0	+	\$5	X	0	=	\$0	\$880
Fort Martin Power Plant		X	0	+		X	0	=	\$0	\$0
Fourth Ward School		X	0	+		X	0	=	\$0	\$0
GE Specialty Chemicals		X	0	+		X	0	=	\$0	\$0
Granville VFD and Police and Town Hall	\$6,868	X	0	+	\$6,868	X	0	=	\$0	\$5,000
Greenmont Historic District		X	0	+		X	0	=	\$0	\$0
Hackney House	\$400	X	0	+	\$400	X	0	=	\$0	\$6,500
Hamilton Farm Petroglyphs		X	0	+		X	0	=	\$0	\$0
Harmony Grove Meeting House	\$5	X	0	+	\$5	X	0	=	\$0	\$1,356
Harner Homestead		X	0	+		X	0	=	\$0	\$0
Hartman Run Bridge		X	0	+		X	0	=	\$0	\$40,000
Harvey Run #1		X	0	+		X	0	=	\$0	\$52,433
HealthSouth Mountain view	\$27,000	X	0	+	\$27,000	X	0	=	\$0	\$155,000
Henry Clay Furnace		X	0	+		X	0	=	\$0	\$500
Hildebrand Lock and Dam	\$200,000	X	0	+	\$200,000	X	0	=	\$0	\$500,000
Jakes Run Preschool	\$300	X	0	+	\$300	X	0	=	\$0	\$11,747
Judge Frank Cox House	\$2,200	X	0	+	\$2,200	X	0	=	\$0	\$41,000
Kencaid, Arnett, and Flour Bldg.	\$680	X	0	+	\$680	X	0	=	\$0	\$17,500

Kern's Fort	\$6	X	0	+	\$6	X	0	=	\$0	\$350
Lazzelle Union ES	\$1,350	X	0	+	\$1,350	X	0	=	\$0	\$5,575
Lynch Chapel UM Church		X	0	+		X	0	=	\$0	\$0
Maranatha Christian Academy		X	0	+		X	0	=	\$0	\$0
Mason-Dixon ES	\$5,000	X	0	+	\$5,000	X	0	=	\$0	\$55,672
MEC Power Plant	\$685,000	X	0	+	\$685,000	X	0	=	\$0	\$3,000,000
MECCA		X	0	+		X	0	=	\$0	\$36,000
Men's Hall		X	0	+		X	0	=	\$0	\$0
Metropolitan Theater	\$10,000	X	0	+	\$10,000	X	0	=	\$0	\$142,550
Monongalia County Courthouse	\$90,411	X	0	+	\$90,411	X	0	=	\$0	\$193,322
Monongalia County Sheriff	\$10,098	X	0	+	\$10,098	X	0	=	\$0	\$191,052
Monongalia General Hospital	\$110,000	X	0	+	\$110,000	X	0	=	\$0	\$1,120,000
Monongalia Schools Transportation	\$11,780,822	X	0	+	\$11,780,822	X	0	=	\$0	\$17,500
Monongalia Technical Education Center		X	0	+		X	0	=	\$0	\$0
Morgantown HS	\$22,100	X	0	+	\$22,100	X	0	=	\$0	\$288,241
Morgantown Learning Academy		X	0	+		X	0	=	\$0	\$0
Morgantown Lock and Dam	\$200,000	X	0	+	\$200,000	X	0	=	\$0	\$400,000
Morgantown Municipal Airport	\$7,756	X	0	+	\$7,756	X	0	=	\$0	\$37,229
Morgantown Municipal Building		X	0	+		X	0	=	\$0	\$0
Morgantown PD	\$30,466,000	X	0	+	\$30,466,000	X	0	=	\$0	\$4,006,777
Morgantown Public Library		X	0	+		X	0	=	\$0	\$0
Morgantown VFD		X	0	+		X	0	=	\$0	\$0
Morgantown Wharf Warehouse Historic Dist.		X	0	+		X	0	=	\$0	\$0

Mountainview ES	\$8,750	X	0	+	\$8,750	X	0	=	\$0	\$106,077
MUB WTP	\$3,429	X	0	+	\$3,429	X	0	=	\$0	\$295,056
MUB WWTP	\$3,198	X	0	+	\$3,198	X	0	=	\$0	\$450,416
Mylan		X	0	+		X	0	=	\$0	\$0
Mylan Park ES		X	0	+		X	0	=	\$0	\$0
National Energy Technology Center		X	0	+		X	0	=	\$0	\$0
NIOSH/OSHA		X	0	+		X	0	=	\$0	\$0
North ES	\$8,750	X	0	+	\$8,750	X	0	=	\$0	\$80,460
Oglebay Hall	\$6,500	X	0	+	\$6,500	X	0	=	\$0	\$289,369
Old Morgantown PO	\$27	X	0	+	\$27	X	0	=	\$0	\$15,380
Old Stone House		X	0	+		X	0	=	\$0	\$0
Old Watson Homestead		X	0	+		X	0	=	\$0	\$0
Opekiska Lock and Dam	\$200,000	X	0	+	\$200,000	X	0	=	\$0	\$350,000
PRT Stations		X	0	+		X	0	=	\$0	\$0
Purinton House	\$650	X	0	+	\$650	X	0	=	\$0	\$29,382
Railroads		X	0	+		X	0	=	\$0	\$275,148
Residential		X	0	+		X	0	=	\$0	\$36,519,208
Ridgedale ES	\$3,600	X	0	+	\$3,600	X	0	=	\$0	\$36,099
River Rd. VFD		X	0	+		X	0	=	\$0	\$0
Roads		X	0	+		X	0	=	\$0	\$616,772
Rogers House	\$10	X	0	+	\$10	X	0	=	\$0	\$5,520
Scotts Run VFD		X	0	+		X	0	=	\$0	\$0
Second Ward Negro School	\$13	X	0	+	\$13	X	0	=	\$0	\$4,200
Seneca Glass Company Bldg.	\$2,700	X	0	+	\$2,700	X	0	=	\$0	\$45,000
Skyview ES		X	0	+		X	0	=	\$0	\$0
South MS	\$11,000	X	0	+	\$11,000	X	0	=	\$0	\$145,445
South Park Historic Dist.		X	0	+		X	0	=	\$0	\$0
St. Francis Central Catholic	\$135,000	X	0	+	\$135,000	X	0	=	\$0	\$44,000
St. Mary's Orthodox Church	\$135	X	0	+	\$135	X	0	=	\$0	\$40,000

Stalnaker Hall	\$9,800	X	0	+	\$9,800	X	0	=	\$0	\$622,911
Star City PD	\$320	X	0	+	\$320	X	0	=	\$0	\$20,700
Star City VFD	\$192	X	0	+	\$192	X	0	=	\$0	\$90,000
Stewart Hall	\$4,300	X	0	+	\$4,300	X	0	=	\$0	\$153,620
Suncrest MS	\$5,450	X	0	+	\$5,450	X	0	=	\$0	\$100,395
Suncrest PS		X	0	+		X	0	=	\$0	\$0
Swanson Plating	\$54,000	X	0	+	\$54,000	X	0	=	\$0	\$280,000
Trinity Christian School		X	0	+		X	0	=	\$0	\$0
Triune-Halleck VFD	\$150	X	0	+	\$150	X	0	=	\$0	\$6,000
University HS	\$17,700	X	0	+	\$17,700	X	0	=	\$0	\$168,204
Upper Deckers #4		X	0	+		X	0	=	\$0	\$0
Vance Farmhouse	\$50	X	0	+	\$50	X	0	=	\$0	\$2,386
Wadestown VFD	\$340	X	0	+	\$340	X	0	=	\$0	\$10,000
Waitman T. Willey House	\$25	X	0	+	\$25	X	0	=	\$0	\$10,500
Walters House	\$20	X	0	+	\$20	X	0	=	\$0	\$6,428
West Virginia University	\$13,200,000	X	0	+	\$13,200,000	X	0	=	\$0	\$23,671,560
Westover City Hall		X	0	+		X	0	=	\$0	\$0
Westover PD		X	0	+		X	0	=	\$0	\$0
Westover VFD	\$250	X	0	+	\$250	X	0	=	\$0	\$16,500
Westwood MS	\$6,700	X	0	+	\$6,700	X	0	=	\$0	\$104,624
Women's Christian Temperance Union Comm. Bldg.	\$138	X	0	+	\$138	X	0	=	\$0	\$9,300
Woodburn ES	\$2,750	X	0	+	\$2,750	X	0	=	\$0	\$28,490
Woodburn Hall	\$13,500	X	0	+	\$13,500	X	0	=	\$0	\$161,442
WV State Police	\$1,300	X	0	+	\$1,300	X	0	=	\$0	\$10,000
WVU Hospital (Ruby Memorial)	\$273,000	X	0	+	\$273,000	X	0	=	\$0	\$1,551,000
									\$0	\$77,453,242

### Hazard: Land Subsidence (Monongalia County)

Name/Description of Asset	Structure Loss					Contents Loss				
	Structure Replacement Value (\$)	X	Percent Damage (%)	=	Loss to Structure (\$)	Replacement Value of Contents (\$)	X	Percent Damage (%)	=	Loss to Contents (\$)
Alexander Wade House		X	2%	=	\$0		X	0%	=	\$0
Alliance Christian School		X	2%	=	\$0		X	0%	=	\$0
Blacksville No. 2 Mine	192,000.00	X	2%	=	\$3,840		X	0%	=	\$0
Blacksville VFD		X	2%	=	\$0		X	0%	=	\$0
Bridges		X	2%	=	\$0		X	0%	=	\$0
Brookhaven ES	5,545,753.00	X	2%	=	\$110,915	1,367,360.00	X	0%	=	\$0
Brookhaven VFD	550,000.00	X	2%	=	\$11,000	3,000,000.00	X	0%	=	\$0
Brown Building	1,250,000.00	X	2%	=	\$25,000	200,000.00	X	0%	=	\$0
Camp Rhododendron		X	2%	=	\$0		X	0%	=	\$0
Chancery Hill Historic District		X	2%	=	\$0		X	0%	=	\$0
Cheat Lake ES	8,245,707.00	X	2%	=	\$164,914	1,632,219.00	X	0%	=	\$0
Cheat Lake MS	5,868,412.00	X	2%	=	\$117,368	1,720,593.00	X	0%	=	\$0
Cheat Lake VFD	500,000.00	X	2%	=	\$10,000	1,500,000.00	X	0%	=	\$0
Chestnut Ridge Hospital	9,135,000.00	X	2%	=	\$182,700	5,000,000.00	X	0%	=	\$0
Chestnut Ridge Research		X	2%	=	\$0		X	0%	=	\$0
Clay Battelle HS	7,255,832.00	X	2%	=	\$145,117	1,687,065.00	X	0%	=	\$0
Clinton District VFD		X	2%	=	\$0		X	0%	=	\$0
Cool Spring VFD	548,500.00	X	2%	=	\$10,970	750,000.00	X	0%	=	\$0
Cooper's Rock State Forest Supt. House	180,000.00	X	2%	=	\$3,600	20,000.00	X	0%	=	\$0
Covenant Christian School		X	2%	=	\$0		X	0%	=	\$0
Crooked Run #4		X	2%	=	\$0		X	0%	=	\$0
D.I.B. Anderson Farmhouse	264,000.00	X	2%	=	\$5,280	50,000.00	X	0%	=	\$0
Daybrook ES	117,362.00	X	2%	=	\$2,347	371,267.00	X	0%	=	\$0

Dents Run Covered Bridge		X	2%	=	\$0		X	0%	=	\$0
Dering Building		X	2%	=	\$0		X	0%	=	\$0
Dorsey Preschool	468,000.00	X	2%	=	\$9,360	125,275.00	X	0%	=	\$0
Downtown Morgantown Historic District		X	2%	=	\$0		X	0%	=	\$0
Easton ES	1,214,218.00	X	2%	=	\$24,284	477,708.00	X	0%	=	\$0
Easton Roller Mill	2,000,000.00	X	2%	=	\$40,000	30,000.00	X	0%	=	\$0
Elizabeth Moore Hall	7,140,119.00	X	2%	=	\$142,802	7,140,119.00	X	0%	=	\$0
Ford House	78,000.00	X	2%	=	\$1,560	10,000.00	X	0%	=	\$0
Fort Martin Power Plant		X	2%	=	\$0		X	0%	=	\$0
Fourth Ward School		X	2%	=	\$0		X	0%	=	\$0
GE Specialty Chemicals		X	2%	=	\$0		X	0%	=	\$0
Granville VFD and Police and Town Hall	250,000.00	X	2%	=	\$5,000	250,000.00	X	0%	=	\$0
Greenmont Historic District		X	2%	=	\$0		X	0%	=	\$0
Hackney House	150,000.00	X	2%	=	\$3,000	500,000.00	X	0%	=	\$0
Hamilton Farm Petroglyphs		X	2%	=	\$0		X	0%	=	\$0
Harmony Grove Meeting House	105,600.00	X	2%	=	\$2,112	30,000.00	X	0%	=	\$0
Harner Homestead		X	2%	=	\$0		X	0%	=	\$0
Hartman Run Bridge	4,000,000.00	X	2%	=	\$80,000		X	0%	=	\$0
Harvey Run #1	5,243,333.00	X	2%	=	\$104,867		X	0%	=	\$0
HealthSouth Mountain view	11,000,000.00	X	2%	=	\$220,000	4,500,000.00	X	0%	=	\$0
Henry Clay Furnace	50,000.00	X	2%	=	\$1,000		X	0%	=	\$0
Hildebrand Lock and Dam	50,000,000.00	X	2%	=	\$1,000,000		X	0%	=	\$0
Jakes Run Preschool	1,041,249.00	X	2%	=	\$20,825	133,484.00	X	0%	=	\$0
Judge Frank Cox House	4,000,000.00	X	2%	=	\$80,000	100,000.00	X	0%	=	\$0
Kencaid, Arnett, and Flour Bldg.	1,500,000.00	X	2%	=	\$30,000	250,000.00	X	0%	=	\$0

Kern's Fort	25,000.00	X	2%	=	\$500	10,000.00	X	0%	=	\$0
Lazelle Union ES	508,501.00	X	2%	=	\$10,170	49,023.00	X	0%	=	\$0
Lynch Chapel UM Church		X	2%	=	\$0		X	0%	=	\$0
Maranatha Christian Academy		X	2%	=	\$0		X	0%	=	\$0
Mason-Dixon ES	4,649,610.00	X	2%	=	\$92,992	917,612.00	X	0%	=	\$0
MEC Power Plant	50,000,000.00	X	2%	=	\$1,000,000	250,000,000.00	X	0%	=	\$0
MECCA	1,800,000.00	X	2%	=	\$36,000	1,800,000.00	X	0%	=	\$0
Men's Hall		X	2%	=	\$0		X	0%	=	\$0
Metropolitan Theater	13,755,000.00	X	2%	=	\$275,100	500,000.00	X	0%	=	\$0
Monongalia County Courthouse	16,332,230.00	X	2%	=	\$326,645	3,000,000.00	X	0%	=	\$0
Monongalia County Sheriff	16,332,230.00	X	2%	=	\$326,645	2,773,000.00	X	0%	=	\$0
Monongalia General Hospital	52,000,000.00	X	2%	=	\$1,040,000	60,000,000.00	X	0%	=	\$0
Monongalia Schools Transportation	1,250,000.00	X	2%	=	\$25,000	500,000.00	X	0%	=	\$0
Monongalia Technical Education Center		X	2%	=	\$0		X	0%	=	\$0
Morgantown HS	23,660,349.00	X	2%	=	\$473,207	5,163,707.00	X	0%	=	\$0
Morgantown Learning Academy		X	2%	=	\$0		X	0%	=	\$0
Morgantown Lock and Dam	40,000,000.00	X	2%	=	\$800,000		X	0%	=	\$0
Morgantown Municipal Airport	3,479,424.00	X	2%	=	\$69,588	243,464.00	X	0%	=	\$0
Morgantown Municipal Building		X	2%	=	\$0		X	0%	=	\$0
Morgantown PD	7,557,680.00	X	2%	=	\$151,154	393,120,000.00	X	0%	=	\$0
Morgantown Public Library		X	2%	=	\$0		X	0%	=	\$0
Morgantown VFD		X	2%	=	\$0		X	0%	=	\$0
Morgantown Wharf Warehouse Historic Dist.		X	2%	=	\$0		X	0%	=	\$0

Mountainview ES	8,770,058.00	X	2%	=	\$175,401	1,837,634.00	X	0%	=	\$0
MUB WTP	8,380,850.00	X	2%	=	\$167,617	21,124,750.00	X	0%	=	\$0
MUB WWTP	4,894,200.00	X	2%	=	\$97,884	40,147,392.00	X	0%	=	\$0
Mylan		X	2%	=	\$0		X	0%	=	\$0
Mylan Park ES		X	2%	=	\$0		X	0%	=	\$0
National Energy Technology Center		X	2%	=	\$0		X	0%	=	\$0
NIOSH/OSHA		X	2%	=	\$0		X	0%	=	\$0
North ES	6,285,965.00	X	2%	=	\$125,719	1,760,025.00	X	0%	=	\$0
Oglebay Hall	14,468,426.00	X	2%	=	\$289,369	14,468,426.00	X	0%	=	\$0
Old Morgantown PO	1,500,000.00	X	2%	=	\$30,000	38,000.00	X	0%	=	\$0
Old Stone House		X	2%	=	\$0		X	0%	=	\$0
Old Watson Homestead		X	2%	=	\$0		X	0%	=	\$0
Opekiska Lock and Dam	35,000,000.00	X	2%	=	\$700,000		X	0%	=	\$0
PRT Stations		X	2%	=	\$0		X	0%	=	\$0
Purinton House	2,670,600.00	X	2%	=	\$53,412	267,600.00	X	0%	=	\$0
Railroads	27,514,750.00	X	2%	=	\$550,295		X	0%	=	\$0
Residential	3,651,920,821.00	X	2%	=	\$73,038,416		X	0%	=	\$0
Ridgedale ES	3,532,104.00	X	2%	=	\$70,642	77,845.00	X	0%	=	\$0
River Rd. VFD		XX	2%	=	\$0		X	0%	=	\$0
Roads	61,677,200.00	X	2%	=	\$1,233,544		X	0%	=	\$0
Rogers House	532,000.00	X	2%	=	\$10,640	20,000.00	X	0%	=	\$0
Scotts Run VFD		X	2%	=	\$0		X	0%	=	\$0
Second Ward Negro School	400,000.00	X	2%	=	\$8,000	20,000.00	X	0%	=	\$0
Seneca Glass Company Bldg.	2,500,000.00	X	2%	=	\$50,000	2,000,000.00	X	0%	=	\$0
Skyview ES		X	2%	=	\$0		X	0%	=	\$0
South MS	11,805,779.00	X	2%	=	\$236,116	2,738,758.00	X	0%	=	\$0
South Park Historic Dist.		X	2%	=	\$0		X	0%	=	\$0
St. Francis Central Catholic	2,200,000.00	X	2%	=	\$44,000	2,200,000.00	X	0%	=	\$0
St. Mary's Orthodox Church	1,000,000.00	X	2%	=	\$20,000	3,000,000.00	X	0%	=	\$0

Stalnaker Hall	31,145,563.00	X	2%	=	\$622,911	31,145,563.00	X	0%	=	\$0
Star City PD	1,950,000.00	X	2%	=	\$39,000	120,000.00	X	0%	=	\$0
Star City VFD	2,000,000.00	X	2%	=	\$40,000	7,000,000.00	X	0%	=	\$0
Stewart Hall	7,681,000.00	X	2%	=	\$153,620	7,681,000.00	X	0%	=	\$0
Suncrest MS	8,534,947.00	X	2%	=	\$170,699	1,504,600.00	X	0%	=	\$0
Suncrest PS		X	2%	=	\$0		X	0%	=	\$0
Swanson Plating	8,000,000.00	X	2%	=	\$160,000	20,000,000.00	X	0%	=	\$0
Trinity Christian School		X	2%	=	\$0		X	0%	=	\$0
Triune-Halleck VFD	250,000.00	X	2%	=	\$5,000	350,000.00	X	0%	=	\$0
University HS	13,464,860.00	X	2%	=	\$269,297	3,355,504.00	X	0%	=	\$0
Upper Deckers #4		X	2%	=	\$0		X	0%	=	\$0
Vance Farmhouse	138,600.00	X	2%	=	\$2,772	100,000.00	X	0%	=	\$0
Wadestown VFD	500,000.00	X	2%	=	\$10,000	500,000.00	X	0%	=	\$0
Waitman T. Willey House	800,000.00	X	2%	=	\$16,000	250,000.00	X	0%	=	\$0
Walters House	442,750.00	X	2%	=	\$8,855	200,000.00	X	0%	=	\$0
West Virginia University	1,867,156,000.00	X	2%	=	\$37,343,120	500,000,000.00	X	0%	=	\$0
Westover City Hall		X	2%	=	\$0		X	0%	=	\$0
Westover PD		X	2%	=	\$0		X	0%	=	\$0
Westover VFD	150,000.00	X	2%	=	\$3,000	1,500,000.00	X	0%	=	\$0
Westwood MS	8,519,979.00	X	2%	=	\$170,400	1,942,446.00	X	0%	=	\$0
Women's Christian Temperance Union Comm. Bldg.	730,000.00	X	2%	=	\$14,600	200,000.00	X	0%	=	\$0
Woodburn ES	2,203,093.00	X	2%	=	\$44,062	645,921.00	X	0%	=	\$0
Woodburn Hall	11,144,200.00	X	2%	=	\$222,884	5,000,000.00	X	0%	=	\$0
WV State Police	500,000.00	X	2%	=	\$10,000	500,000.00	X	0%	=	\$0
WVU Hospital (Ruby Memorial)	55,100,000.00	X	2%	=	\$1,102,000	100,000,000.00	X	0%	=	\$0
					\$124,494,137					\$0

**Hazard: Land Subsidence (Monongalia County)**

Name/Description of Asset	Structure Use and Function Loss									Structure + Contents + Function Loss
	Average Daily Operating Budget (\$)	X	Functional Downtime (# of days)	+	Displacement Cost per Day (\$)	X	Displacement Time (Days)	=	Structure Use & Function Loss (\$)	
Alexander Wade House		X	0	+		X	0	=	\$0	\$0
Alliance Christian School		X	0	+		X	0	=	\$0	\$0
Blacksville No. 2 Mine		X	0	+		X	0	=	\$0	\$3,840
Blacksville VFD		X	0	+		X	0	=	\$0	\$0
Bridges		X	0	+		X	0	=	\$0	\$0
Brookhaven ES	\$5,900	X	0	+	\$5,900	X	0	=	\$0	\$110,915
Brookhaven VFD	\$400	X	0	+	\$400	X	0	=	\$0	\$11,000
Brown Building	\$1,370	X	0	+	\$1,370	X	0	=	\$0	\$25,000
Camp Rhododendron		X	0	+		X	0	=	\$0	\$0
Chancery Hill Historic District		X	0	+		X	0	=	\$0	\$0
Cheat Lake ES	\$7,600	X	0	+	\$7,600	X	0	=	\$0	\$164,914
Cheat Lake MS	\$7,900	X	0	+	\$7,900	X	0	=	\$0	\$117,368
Cheat Lake VFD	\$450	X	0	+	\$450	X	0	=	\$0	\$10,000
Chestnut Ridge Hospital	\$13,700	X	0	+	\$13,700	X	0	=	\$0	\$182,700
Chestnut Ridge Research		X	0	+		X	0	=	\$0	\$0
Clay Battelle HS	\$5,200	X	0	+	\$5,200	X	0	=	\$0	\$145,117
Clinton District VFD		X	0	+		X	0	=	\$0	\$0
Cool Spring VFD	\$550	X	0	+	\$550	X	0	=	\$0	\$10,970
Cooper's Rock State Forest Supt. House	\$100	X	0	+	\$100	X	0	=	\$0	\$3,600
Covenant Christian School		X	0	+		X	0	=	\$0	\$0
Crooked Run #4		X	0	+		X	0	=	\$0	\$0
D.I.B. Anderson Farmhouse		X	0	+		X	0	=	\$0	\$5,280
Daybrook ES	\$1,400	X	0	+	\$1,400	X	0	=	\$0	\$2,347

Dents Run Covered Bridge		X	0	+		X	0	=	\$0	\$0
Dering Building		X	0	+		X	0	=	\$0	\$0
Dorsey Preschool	\$3,450	X	0	+	\$3,450	X	0	=	\$0	\$9,360
Downtown Morgantown Historic District		X	0	+		X	0	=	\$0	\$0
Easton ES	\$1,800	X	0	+	\$1,800	X	0	=	\$0	\$24,284
Easton Roller Mill	\$0	X	0	+	\$0	X	0	=	\$0	\$40,000
Elizabeth Moore Hall	\$2,100	X	0	+	\$2,100	X	0	=	\$0	\$142,802
Ford House	\$5	X	0	+	\$5	X	0	=	\$0	\$1,560
Fort Martin Power Plant		X	0	+		X	0	=	\$0	\$0
Fourth Ward School		X	0	+		X	0	=	\$0	\$0
GE Specialty Chemicals		X	0	+		X	0	=	\$0	\$0
Granville VFD and Police and Town Hall	\$6,868	X	0	+	\$6,868	X	0	=	\$0	\$5,000
Greenmont Historic District		X	0	+		X	0	=	\$0	\$0
Hackney House	\$400	X	0	+	\$400	X	0	=	\$0	\$3,000
Hamilton Farm Petroglyphs		X	0	+		X	0	=	\$0	\$0
Harmony Grove Meeting House	\$5	X	0	+	\$5	X	0	=	\$0	\$2,112
Harner Homestead		X	0	+		X	0	=	\$0	\$0
Hartman Run Bridge		X	0	+		X	0	=	\$0	\$80,000
Harvey Run #1		X	0	+		X	0	=	\$0	\$104,867
HealthSouth Mountain view	\$27,000	X	0	+	\$27,000	X	0	=	\$0	\$220,000
Henry Clay Furnace		X	0	+		X	0	=	\$0	\$1,000
Hildebrand Lock and Dam	\$200,000	X	0	+	\$200,000	X	0	=	\$0	\$1,000,000
Jakes Run Preschool	\$300	X	0	+	\$300	X	0	=	\$0	\$20,825
Judge Frank Cox House	\$2,200	X	0	+	\$2,200	X	0	=	\$0	\$80,000
Kencaid, Arnett, and Flour Bldg.	\$680	X	0	+	\$680	X	0	=	\$0	\$30,000

Kern's Fort	\$6	X	0	+	\$6	X	0	=	\$0	\$500
Lazzelle Union ES	\$1,350	X	0	+	\$1,350	X	0	=	\$0	\$10,170
Lynch Chapel UM Church		X	0	+		X	0	=	\$0	\$0
Maranatha Christian Academy		X	0	+		X	0	=	\$0	\$0
Mason-Dixon ES	\$5,000	X	0	+	\$5,000	X	0	=	\$0	\$92,992
MEC Power Plant	\$685,000	X	0	+	\$685,000	X	0	=	\$0	\$1,000,000
MECCA		X	0	+		X	0	=	\$0	\$36,000
Men's Hall		X	0	+		X	0	=	\$0	\$0
Metropolitan Theater	\$10,000	X	0	+	\$10,000	X	0	=	\$0	\$275,100
Monongalia County Courthouse	\$90,411	X	0	+	\$90,411	X	0	=	\$0	\$326,645
Monongalia County Sheriff	\$10,098	X	0	+	\$10,098	X	0	=	\$0	\$326,645
Monongalia General Hospital	\$110,000	X	0	+	\$110,000	X	0	=	\$0	\$1,040,000
Monongalia Schools Transportation	\$11,780,822	X	0	+	\$11,780,822	X	0	=	\$0	\$25,000
Monongalia Technical Education Center		X	0	+		X	0	=	\$0	\$0
Morgantown HS	\$22,100	X	0	+	\$22,100	X	0	=	\$0	\$473,207
Morgantown Learning Academy		X	0	+		X	0	=	\$0	\$0
Morgantown Lock and Dam	\$200,000	X	0	+	\$200,000	X	0	=	\$0	\$800,000
Morgantown Municipal Airport	\$7,756	X	0	+	\$7,756	X	0	=	\$0	\$69,588
Morgantown Municipal Building		X	0	+		X	0	=	\$0	\$0
Morgantown PD	\$30,466,000	X	0	+	\$30,466,000	X	0	=	\$0	\$151,154
Morgantown Public Library		X	0	+		X	0	=	\$0	\$0
Morgantown VFD		X	0	+		X	0	=	\$0	\$0
Morgantown Wharf Warehouse Historic Dist.		X	0	+		X	0	=	\$0	\$0

Mountainview ES	\$8,750	X	0	+	\$8,750	X	0	=	\$0	\$175,401
MUB WTP	\$3,429	X	0	+	\$3,429	X	0	=	\$0	\$167,617
MUB WWTP	\$3,198	X	0	+	\$3,198	X	0	=	\$0	\$97,884
Mylan		X	0	+		X	0	=	\$0	\$0
Mylan Park ES		X	0	+		X	0	=	\$0	\$0
National Energy Technology Center		X	0	+		X	0	=	\$0	\$0
NIOSH/OSHA		X	0	+		X	0	=	\$0	\$0
North ES	\$8,750	X	0	+	\$8,750	X	0	=	\$0	\$125,719
Oglebay Hall	\$6,500	X	0	+	\$6,500	X	0	=	\$0	\$289,369
Old Morgantown PO	\$27	X	0	+	\$27	X	0	=	\$0	\$30,000
Old Stone House		X	0	+		X	0	=	\$0	\$0
Old Watson Homestead		X	0	+		X	0	=	\$0	\$0
Opekiska Lock and Dam	\$200,000	X	0	+	\$200,000	X	0	=	\$0	\$700,000
PRT Stations		X	0	+		X	0	=	\$0	\$0
Purinton House	\$650	X	0	+	\$650	X	0	=	\$0	\$53,412
Railroads		X	0	+		X	0	=	\$0	\$550,295
Residential		X	0	+		X	0	=	\$0	\$73,038,416
Ridgedale ES	\$3,600	X	0	+	\$3,600	X	0	=	\$0	\$70,642
River Rd. VFD		X	0	+		X	0	=	\$0	\$0
Roads		X	0	+		X	0	=	\$0	\$1,233,544
Rogers House	\$10	X	0	+	\$10	X	0	=	\$0	\$10,640
Scotts Run VFD		X	0	+		X	0	=	\$0	\$0
Second Ward Negro School	\$13	X	0	+	\$13	X	0	=	\$0	\$8,000
Seneca Glass Company Bldg.	\$2,700	X	0	+	\$2,700	X	0	=	\$0	\$50,000
Skyview ES		X	0	+		X	0	=	\$0	\$0
South MS	\$11,000	X	0	+	\$11,000	X	0	=	\$0	\$236,116
South Park Historic Dist.		X	0	+		X	0	=	\$0	\$0
St. Francis Central Catholic	\$135,000	X	0	+	\$135,000	X	0	=	\$0	\$44,000
St. Mary's Orthodox Church	\$135	X	0	+	\$135	X	0	=	\$0	\$20,000

Stalnaker Hall	\$9,800	X	0	+	\$9,800	X	0	=	\$0	\$622,911
Star City PD	\$320	X	0	+	\$320	X	0	=	\$0	\$39,000
Star City VFD	\$192	X	0	+	\$192	X	0	=	\$0	\$40,000
Stewart Hall	\$4,300	X	0	+	\$4,300	X	0	=	\$0	\$153,620
Suncrest MS	\$5,450	X	0	+	\$5,450	X	0	=	\$0	\$170,699
Suncrest PS		X	0	+		X	0	=	\$0	\$0
Swanson Plating	\$54,000	X	0	+	\$54,000	X	0	=	\$0	\$160,000
Trinity Christian School		X	0	+		X	0	=	\$0	\$0
Triune-Halleck VFD	\$150	X	0	+	\$150	X	0	=	\$0	\$5,000
University HS	\$17,700	X	0	+	\$17,700	X	0	=	\$0	\$269,297
Upper Deckers #4		X	0	+		X	0	=	\$0	\$0
Vance Farmhouse	\$50	X	0	+	\$50	X	0	=	\$0	\$2,772
Wadestown VFD	\$340	X	0	+	\$340	X	0	=	\$0	\$10,000
Waitman T. Willey House	\$25	X	0	+	\$25	X	0	=	\$0	\$16,000
Walters House	\$20	X	0	+	\$20	X	0	=	\$0	\$8,855
West Virginia University	\$13,200,000	X	0	+	\$13,200,000	X	0	=	\$0	\$37,343,120
Westover City Hall		X	0	+		X	0	=	\$0	\$0
Westover PD		X	0	+		X	0	=	\$0	\$0
Westover VFD	\$250	X	0	+	\$250	X	0	=	\$0	\$3,000
Westwood MS	\$6,700	X	0	+	\$6,700	X	0	=	\$0	\$170,400
Women's Christian Temperance Union Comm. Bldg.	\$138	X	0	+	\$138	X	0	=	\$0	\$14,600
Woodburn ES	\$2,750	X	0	+	\$2,750	X	0	=	\$0	\$44,062
Woodburn Hall	\$13,500	X	0	+	\$13,500	X	0	=	\$0	\$222,884
WV State Police	\$1,300	X	0	+	\$1,300	X	0	=	\$0	\$10,000
WVU Hospital (Ruby Memorial)	\$273,000	X	0	+	\$273,000	X	0	=	\$0	\$1,102,000
									\$0	\$124,494,137

**Hazard: Hailstorm (Monongalia County)**

Name/Description of Asset	Structure Loss					Contents Loss				
	Structure Replacement Value (\$)	X	Percent Damage (%)	=	Loss to Structure (\$)	Replacement Value of Contents (\$)	X	Percent Damage (%)	=	Loss to Contents (\$)
Alexander Wade House		X	0.1%	=	\$0		X	0%	=	\$0
Alliance Christian School		X	0.1%	=	\$0		X	0%	=	\$0
Blacksville No. 2 Mine	192,000.00	X	0.1%	=	\$192		X	0%	=	\$0
Blacksville VFD		X	0.1%	=	\$0		X	0%	=	\$0
Bridges		X	0.1%	=	\$0		X	0%	=	\$0
Brookhaven ES	5,545,753.00	X	0.1%	=	\$5,546	1,367,360.00	X	0%	=	\$0
Brookhaven VFD	550,000.00	X	0.1%	=	\$550	3,000,000.00	X	0%	=	\$0
Brown Building	1,250,000.00	X	0.1%	=	\$1,250	200,000.00	X	0%	=	\$0
Camp Rhododendron		X	0.1%	=	\$0		X	0%	=	\$0
Chancery Hill Historic District		X	0.1%	=	\$0		X	0%	=	\$0
Cheat Lake ES	8,245,707.00	X	0.1%	=	\$8,246	1,632,219.00	X	0%	=	\$0
Cheat Lake MS	5,868,412.00	X	0.1%	=	\$5,868	1,720,593.00	X	0%	=	\$0
Cheat Lake VFD	500,000.00	X	0.1%	=	\$500	1,500,000.00	X	0%	=	\$0
Chestnut Ridge Hospital	9,135,000.00	X	0.1%	=	\$9,135	5,000,000.00	X	0%	=	\$0
Chestnut Ridge Research		X	0.1%	=	\$0		X	0%	=	\$0
Clay Battelle HS	7,255,832.00	X	0.1%	=	\$7,256	1,687,065.00	X	0%	=	\$0
Clinton District VFD		X	0.1%	=	\$0		X	0%	=	\$0
Cool Spring VFD	548,500.00	X	0.1%	=	\$549	750,000.00	X	0%	=	\$0
Cooper's Rock State Forest Supt. House	180,000.00	X	0.1%	=	\$180	20,000.00	X	0%	=	\$0
Covenant Christian School		X	0.1%	=	\$0		X	0%	=	\$0
Crooked Run #4		X	0.1%	=	\$0		X	0%	=	\$0
D.I.B. Anderson Farmhouse	264,000.00	X	0.1%	=	\$264	50,000.00	X	0%	=	\$0
Daybrook ES	117,362.00	X	0.1%	=	\$117	371,267.00	X	0%	=	\$0

Dents Run Covered Bridge		X	0.1%	=	\$0		X	0%	=	\$0
Dering Building		X	0.1%	=	\$0		X	0%	=	\$0
Dorsey Preschool	468,000.00	X	0.1%	=	\$468	125,275.00	X	0%	=	\$0
Downtown Morgantown Historic District		X	0.1%	=	\$0		X	0%	=	\$0
Easton ES	1,214,218.00	X	0.1%	=	\$1,214	477,708.00	X	0%	=	\$0
Easton Roller Mill	2,000,000.00	X	0.1%	=	\$2,000	30,000.00	X	0%	=	\$0
Elizabeth Moore Hall	7,140,119.00	X	0.1%	=	\$7,140	7,140,119.00	X	0%	=	\$0
Ford House	78,000.00	X	0.1%	=	\$78	10,000.00	X	0%	=	\$0
Fort Martin Power Plant		X	0.1%	=	\$0		X	0%	=	\$0
Fourth Ward School		X	0.1%	=	\$0		X	0%	=	\$0
GE Specialty Chemicals		X	0.1%	=	\$0		X	0%	=	\$0
Granville VFD and Police and Town Hall	250,000.00	X	0.1%	=	\$250	250,000.00	X	0%	=	\$0
Greenmont Historic District		X	0.1%	=	\$0		X	0%	=	\$0
Hackney House	150,000.00	X	0.1%	=	\$150	500,000.00	X	0%	=	\$0
Hamilton Farm Petroglyphs		X	0.1%	=	\$0		X	0%	=	\$0
Harmony Grove Meeting House	105,600.00	X	0.1%	=	\$106	30,000.00	X	0%	=	\$0
Harner Homestead		X	0.1%	=	\$0		X	0%	=	\$0
Hartman Run Bridge	4,000,000.00	X	0.1%	=	\$4,000		X	0%	=	\$0
Harvey Run #1	5,243,333.00	X	0.1%	=	\$5,243		X	0%	=	\$0
HealthSouth Mountain view	11,000,000.00	X	0.1%	=	\$11,000	4,500,000.00	X	0%	=	\$0
Henry Clay Furnace	50,000.00	X	0.1%	=	\$50		X	0%	=	\$0
Hildebrand Lock and Dam	50,000,000.00	X	0.1%	=	\$50,000		X	0%	=	\$0
Jakes Run Preschool	1,041,249.00	X	0.1%	=	\$1,041	133,484.00	X	0%	=	\$0
Judge Frank Cox House	4,000,000.00	X	0.1%	=	\$4,000	100,000.00	X	0%	=	\$0
Kencaid, Arnett, and Flour Bldg.	1,500,000.00	X	0.1%	=	\$1,500	250,000.00	X	0%	=	\$0

Kern's Fort	25,000.00	X	0.1%	=	\$25	10,000.00	X	0%	=	\$0
Lazzelle Union ES	508,501.00	X	0.1%	=	\$509	49,023.00	X	0%	=	\$0
Lynch Chapel UM Church		X	0.1%	=	\$0		X	0%	=	\$0
Maranatha Christian Academy		X	0.1%	=	\$0		X	0%	=	\$0
Mason-Dixon ES	4,649,610.00	X	0.1%	=	\$4,650	917,612.00	X	0%	=	\$0
MEC Power Plant	50,000,000.00	X	0.1%	=	\$50,000	250,000,000.00	X	0%	=	\$0
MECCA	1,800,000.00	X	0.1%	=	\$1,800	1,800,000.00	X	0%	=	\$0
Men's Hall		X	0.1%	=	\$0		X	0%	=	\$0
Metropolitan Theater	13,755,000.00	X	0.1%	=	\$13,755	500,000.00	X	0%	=	\$0
Monongalia County Courthouse	16,332,230.00	X	0.1%	=	\$16,332	3,000,000.00	X	0%	=	\$0
Monongalia County Sheriff	16,332,230.00	X	0.1%	=	\$16,332	2,773,000.00	X	0%	=	\$0
Monongalia General Hospital	52,000,000.00	X	0.1%	=	\$52,000	60,000,000.00	X	0%	=	\$0
Monongalia Schools Transportation	1,250,000.00	X	0.1%	=	\$1,250	500,000.00	X	0%	=	\$0
Monongalia Technical Education Center		X	0.1%	=	\$0		X	0%	=	\$0
Morgantown HS	23,660,349.00	X	0.1%	=	\$23,660	5,163,707.00	X	0%	=	\$0
Morgantown Learning Academy		X	0.1%	=	\$0		X	0%	=	\$0
Morgantown Lock and Dam	40,000,000.00	X	0.1%	=	\$40,000		X	0%	=	\$0
Morgantown Municipal Airport	3,479,424.00	X	0.1%	=	\$3,479	243,464.00	X	0%	=	\$0
Morgantown Municipal Building		X	0.1%	=	\$0		X	0%	=	\$0
Morgantown PD	7,557,680.00	X	0.1%	=	\$7,558	393,120,000.00	X	0%	=	\$0
Morgantown Public Library		X	0.1%	=	\$0		X	0%	=	\$0
Morgantown VFD		X	0.1%	=	\$0		X	0%	=	\$0
Morgantown Wharf Warehouse Historic Dist.		X	0.1%	=	\$0		X	0%	=	\$0

Mountainview ES	8,770,058.00	X	0.1%	=	\$8,770	1,837,634.00	X	0%	=	\$0
MUB WTP	8,380,850.00	X	0.1%	=	\$8,381	21,124,750.00	X	0%	=	\$0
MUB WWTP	4,894,200.00	X	0.1%	=	\$4,894	40,147,392.00	X	0%	=	\$0
Mylan		X	0.1%	=	\$0		X	0%	=	\$0
Mylan Park ES		X	0.1%	=	\$0		X	0%	=	\$0
National Energy Technology Center		X	0.1%	=	\$0		X	0%	=	\$0
NIOSH/OSHA		X	0.1%	=	\$0		X	0%	=	\$0
North ES	6,285,965.00	X	0.1%	=	\$6,286	1,760,025.00	X	0%	=	\$0
Oglebay Hall	14,468,426.00	X	0.1%	=	\$14,468	14,468,426.00	X	0%	=	\$0
Old Morgantown PO	1,500,000.00	X	0.1%	=	\$1,500	38,000.00	X	0%	=	\$0
Old Stone House		X	0.1%	=	\$0		X	0%	=	\$0
Old Watson Homestead		X	0.1%	=	\$0		X	0%	=	\$0
Opekiska Lock and Dam	35,000,000.00	X	0.1%	=	\$35,000		X	0%	=	\$0
PRT Stations		X	0.1%	=	\$0		X	0%	=	\$0
Purinton House	2,670,600.00	X	0.1%	=	\$2,671	267,600.00	X	0%	=	\$0
Railroads	27,514,750.00	X	0.1%	=	\$27,515		X	0%	=	\$0
Residential	3,651,920,821.00	X	0.1%	=	\$3,651,921		X	0%	=	\$0
Ridgedale ES	3,532,104.00	X	0.1%	=	\$3,532	77,845.00	X	0%	=	\$0
River Rd. VFD		XX	0.1%	=	\$0		X	0%	=	\$0
Roads	61,677,200.00	X	0.1%	=	\$61,677		X	0%	=	\$0
Rogers House	532,000.00	X	0.1%	=	\$532	20,000.00	X	0%	=	\$0
Scotts Run VFD		X	0.1%	=	\$0		X	0%	=	\$0
Second Ward Negro School	400,000.00	X	0.1%	=	\$400	20,000.00	X	0%	=	\$0
Seneca Glass Company Bldg.	2,500,000.00	X	0.1%	=	\$2,500	2,000,000.00	X	0%	=	\$0
Skyview ES		X	0.1%	=	\$0		X	0%	=	\$0
South MS	11,805,779.00	X	0.1%	=	\$11,806	2,738,758.00	X	0%	=	\$0
South Park Historic Dist.		X	0.1%	=	\$0		X	0%	=	\$0
St. Francis Central Catholic	2,200,000.00	X	0.1%	=	\$2,200	2,200,000.00	X	0%	=	\$0
St. Mary's Orthodox Church	1,000,000.00	X	0.1%	=	\$1,000	3,000,000.00	X	0%	=	\$0

Stalnaker Hall	31,145,563.00	X	0.1%	=	\$31,146	31,145,563.00	X	0%	=	\$0
Star City PD	1,950,000.00	X	0.1%	=	\$1,950	120,000.00	X	0%	=	\$0
Star City VFD	2,000,000.00	X	0.1%	=	\$2,000	7,000,000.00	X	0%	=	\$0
Stewart Hall	7,681,000.00	X	0.1%	=	\$7,681	7,681,000.00	X	0%	=	\$0
Suncrest MS	8,534,947.00	X	0.1%	=	\$8,535	1,504,600.00	X	0%	=	\$0
Suncrest PS		X	0.1%	=	\$0		X	0%	=	\$0
Swanson Plating	8,000,000.00	X	0.1%	=	\$8,000	20,000,000.00	X	0%	=	\$0
Trinity Christian School		X	0.1%	=	\$0		X	0%	=	\$0
Triune-Halleck VFD	250,000.00	X	0.1%	=	\$250	350,000.00	X	0%	=	\$0
University HS	13,464,860.00	X	0.1%	=	\$13,465	3,355,504.00	X	0%	=	\$0
Upper Deckers #4		X	0.1%	=	\$0		X	0%	=	\$0
Vance Farmhouse	138,600.00	X	0.1%	=	\$139	100,000.00	X	0%	=	\$0
Wadestown VFD	500,000.00	X	0.1%	=	\$500	500,000.00	X	0%	=	\$0
Waitman T. Willey House	800,000.00	X	0.1%	=	\$800	250,000.00	X	0%	=	\$0
Walters House	442,750.00	X	0.1%	=	\$443	200,000.00	X	0%	=	\$0
West Virginia University	1,867,156,000.00	X	0.1%	=	\$1,867,156	500,000,000.00	X	0%	=	\$0
Westover City Hall		X	0.1%	=	\$0		X	0%	=	\$0
Westover PD		X	0.1%	=	\$0		X	0%	=	\$0
Westover VFD	150,000.00	X	0.1%	=	\$150	1,500,000.00	X	0%	=	\$0
Westwood MS	8,519,979.00	X	0.1%	=	\$8,520	1,942,446.00	X	0%	=	\$0
Women's Christian Temperance Union Comm. Bldg.	730,000.00	X	0.1%	=	\$730	200,000.00	X	0%	=	\$0
Woodburn ES	2,203,093.00	X	0.1%	=	\$2,203	645,921.00	X	0%	=	\$0
Woodburn Hall	11,144,200.00	X	0.1%	=	\$11,144	5,000,000.00	X	0%	=	\$0
WV State Police	500,000.00	X	0.1%	=	\$500	500,000.00	X	0%	=	\$0
WVU Hospital (Ruby Memorial)	55,100,000.00	X	0.1%	=	\$55,100	100,000,000.00	X	0%	=	\$0
					\$6,224,707					\$0

**Hazard: Hailstorm (Monongalia County)**

Name/Description of Asset	Structure Use and Function Loss									Structure + Contents + Function Loss
	Average Daily Operating Budget (\$)	X	Functional Downtime (# of days)	+	Displacement Cost per Day (\$)	X	Displacement Time (Days)	=	Structure Use & Function Loss (\$)	
Alexander Wade House		X	0	+		X	0	=	\$0	\$0
Alliance Christian School		X	0	+		X	0	=	\$0	\$0
Blacksville No. 2 Mine		X	0	+		X	0	=	\$0	\$192
Blacksville VFD		X	0	+		X	0	=	\$0	\$0
Bridges		X	0	+		X	0	=	\$0	\$0
Brookhaven ES	\$5,900	X	0	+	\$5,900	X	0	=	\$0	\$5,546
Brookhaven VFD	\$400	X	0	+	\$400	X	0	=	\$0	\$550
Brown Building	\$1,370	X	0	+	\$1,370	X	0	=	\$0	\$1,250
Camp Rhododendron		X	0	+		X	0	=	\$0	\$0
Chancery Hill Historic District		X	0	+		X	0	=	\$0	\$0
Cheat Lake ES	\$7,600	X	0	+	\$7,600	X	0	=	\$0	\$8,246
Cheat Lake MS	\$7,900	X	0	+	\$7,900	X	0	=	\$0	\$5,868
Cheat Lake VFD	\$450	X	0	+	\$450	X	0	=	\$0	\$500
Chestnut Ridge Hospital	\$13,700	X	0	+	\$13,700	X	0	=	\$0	\$9,135
Chestnut Ridge Research		X	0	+		X	0	=	\$0	\$0
Clay Battelle HS	\$5,200	X	0	+	\$5,200	X	0	=	\$0	\$7,256
Clinton District VFD		X	0	+		X	0	=	\$0	\$0
Cool Spring VFD	\$550	X	0	+	\$550	X	0	=	\$0	\$549
Cooper's Rock State Forest Supt. House	\$100	X	0	+	\$100	X	0	=	\$0	\$180
Covenant Christian School		X	0	+		X	0	=	\$0	\$0
Crooked Run #4		X	0	+		X	0	=	\$0	\$0
D.I.B. Anderson Farmhouse		X	0	+		X	0	=	\$0	\$264
Daybrook ES	\$1,400	X	0	+	\$1,400	X	0	=	\$0	\$117

Dents Run Covered Bridge		X	0	+		X	0	=	\$0	\$0
Dering Building		X	0	+		X	0	=	\$0	\$0
Dorsey Preschool	\$3,450	X	0	+	\$3,450	X	0	=	\$0	\$468
Downtown Morgantown Historic District		X	0	+		X	0	=	\$0	\$0
Easton ES	\$1,800	X	0	+	\$1,800	X	0	=	\$0	\$1,214
Easton Roller Mill	\$0	X	0	+	\$0	X	0	=	\$0	\$2,000
Elizabeth Moore Hall	\$2,100	X	0	+	\$2,100	X	0	=	\$0	\$7,140
Ford House	\$5	X	0	+	\$5	X	0	=	\$0	\$78
Fort Martin Power Plant		X	0	+		X	0	=	\$0	\$0
Fourth Ward School		X	0	+		X	0	=	\$0	\$0
GE Specialty Chemicals		X	0	+		X	0	=	\$0	\$0
Granville VFD and Police and Town Hall	\$6,868	X	0	+	\$6,868	X	0	=	\$0	\$250
Greenmont Historic District		X	0	+		X	0	=	\$0	\$0
Hackney House	\$400	X	0	+	\$400	X	0	=	\$0	\$150
Hamilton Farm Petroglyphs		X	0	+		X	0	=	\$0	\$0
Harmony Grove Meeting House	\$5	X	0	+	\$5	X	0	=	\$0	\$106
Harner Homestead		X	0	+		X	0	=	\$0	\$0
Hartman Run Bridge		X	0	+		X	0	=	\$0	\$4,000
Harvey Run #1		X	0	+		X	0	=	\$0	\$5,243
HealthSouth Mountain view	\$27,000	X	0	+	\$27,000	X	0	=	\$0	\$11,000
Henry Clay Furnace		X	0	+		X	0	=	\$0	\$50
Hildebrand Lock and Dam	\$200,000	X	0	+	\$200,000	X	0	=	\$0	\$50,000
Jakes Run Preschool	\$300	X	0	+	\$300	X	0	=	\$0	\$1,041
Judge Frank Cox House	\$2,200	X	0	+	\$2,200	X	0	=	\$0	\$4,000
Kencaid, Arnett, and Flour Bldg.	\$680	X	0	+	\$680	X	0	=	\$0	\$1,500

Kern's Fort	\$6	X	0	+	\$6	X	0	=	\$0	\$25
Lazelle Union ES	\$1,350	X	0	+	\$1,350	X	0	=	\$0	\$509
Lynch Chapel UM Church		X	0	+		X	0	=	\$0	\$0
Maranatha Christian Academy		X	0	+		X	0	=	\$0	\$0
Mason-Dixon ES	\$5,000	X	0	+	\$5,000	X	0	=	\$0	\$4,650
MEC Power Plant	\$685,000	X	0	+	\$685,000	X	0	=	\$0	\$50,000
MECCA		X	0	+		X	0	=	\$0	\$1,800
Men's Hall		X	0	+		X	0	=	\$0	\$0
Metropolitan Theater	\$10,000	X	0	+	\$10,000	X	0	=	\$0	\$13,755
Monongalia County Courthouse	\$90,411	X	0	+	\$90,411	X	0	=	\$0	\$16,332
Monongalia County Sheriff	\$10,098	X	0	+	\$10,098	X	0	=	\$0	\$16,332
Monongalia General Hospital	\$110,000	X	0	+	\$110,000	X	0	=	\$0	\$52,000
Monongalia Schools Transportation	\$11,780,822	X	0	+	\$11,780,822	X	0	=	\$0	\$1,250
Monongalia Technical Education Center		X	0	+		X	0	=	\$0	\$0
Morgantown HS	\$22,100	X	0	+	\$22,100	X	0	=	\$0	\$23,660
Morgantown Learning Academy		X	0	+		X	0	=	\$0	\$0
Morgantown Lock and Dam	\$200,000	X	0	+	\$200,000	X	0	=	\$0	\$40,000
Morgantown Municipal Airport	\$7,756	X	0	+	\$7,756	X	0	=	\$0	\$3,479
Morgantown Municipal Building		X	0	+		X	0	=	\$0	\$0
Morgantown PD	\$30,466,000	X	0	+	\$30,466,000	X	0	=	\$0	\$7,558
Morgantown Public Library		X	0	+		X	0	=	\$0	\$0
Morgantown VFD		X	0	+		X	0	=	\$0	\$0
Morgantown Wharf Warehouse Historic Dist.		X	0	+		X	0	=	\$0	\$0

Mountainview ES	\$8,750	X	0	+	\$8,750	X	0	=	\$0	\$8,770
MUB WTP	\$3,429	X	0	+	\$3,429	X	0	=	\$0	\$8,381
MUB WWTP	\$3,198	X	0	+	\$3,198	X	0	=	\$0	\$4,894
Mylan		X	0	+		X	0	=	\$0	\$0
Mylan Park ES		X	0	+		X	0	=	\$0	\$0
National Energy Technology Center		X	0	+		X	0	=	\$0	\$0
NIOSH/OSHA		X	0	+		X	0	=	\$0	\$0
North ES	\$8,750	X	0	+	\$8,750	X	0	=	\$0	\$6,286
Oglebay Hall	\$6,500	X	0	+	\$6,500	X	0	=	\$0	\$14,468
Old Morgantown PO	\$27	X	0	+	\$27	X	0	=	\$0	\$1,500
Old Stone House		X	0	+		X	0	=	\$0	\$0
Old Watson Homestead		X	0	+		X	0	=	\$0	\$0
Opekiska Lock and Dam	\$200,000	X	0	+	\$200,000	X	0	=	\$0	\$35,000
PRT Stations		X	0	+		X	0	=	\$0	\$0
Purinton House	\$650	X	0	+	\$650	X	0	=	\$0	\$2,671
Railroads		X	0	+		X	0	=	\$0	\$27,515
Residential		X	0	+		X	0	=	\$0	\$3,651,921
Ridgedale ES	\$3,600	X	0	+	\$3,600	X	0	=	\$0	\$3,532
River Rd. VFD		X	0	+		X	0	=	\$0	\$0
Roads		X	0	+		X	0	=	\$0	\$61,677
Rogers House	\$10	X	0	+	\$10	X	0	=	\$0	\$532
Scotts Run VFD		X	0	+		X	0	=	\$0	\$0
Second Ward Negro School	\$13	X	0	+	\$13	X	0	=	\$0	\$400
Seneca Glass Company Bldg.	\$2,700	X	0	+	\$2,700	X	0	=	\$0	\$2,500
Skyview ES		X	0	+		X	0	=	\$0	\$0
South MS	\$11,000	X	0	+	\$11,000	X	0	=	\$0	\$11,806
South Park Historic Dist.		X	0	+		X	0	=	\$0	\$0
St. Francis Central Catholic	\$135,000	X	0	+	\$135,000	X	0	=	\$0	\$2,200
St. Mary's Orthodox Church	\$135	X	0	+	\$135	X	0	=	\$0	\$1,000

Stalnaker Hall	\$9,800	X	0	+	\$9,800	X	0	=	\$0	\$31,146
Star City PD	\$320	X	0	+	\$320	X	0	=	\$0	\$1,950
Star City VFD	\$192	X	0	+	\$192	X	0	=	\$0	\$2,000
Stewart Hall	\$4,300	X	0	+	\$4,300	X	0	=	\$0	\$7,681
Suncrest MS	\$5,450	X	0	+	\$5,450	X	0	=	\$0	\$8,535
Suncrest PS		X	0	+		X	0	=	\$0	\$0
Swanson Plating	\$54,000	X	0	+	\$54,000	X	0	=	\$0	\$8,000
Trinity Christian School		X	0	+		X	0	=	\$0	\$0
Triune-Halleck VFD	\$150	X	0	+	\$150	X	0	=	\$0	\$250
University HS	\$17,700	X	0	+	\$17,700	X	0	=	\$0	\$13,465
Upper Deckers #4		X	0	+		X	0	=	\$0	\$0
Vance Farmhouse	\$50	X	0	+	\$50	X	0	=	\$0	\$139
Wadestown VFD	\$340	X	0	+	\$340	X	0	=	\$0	\$500
Waitman T. Willey House	\$25	X	0	+	\$25	X	0	=	\$0	\$800
Walters House	\$20	X	0	+	\$20	X	0	=	\$0	\$443
West Virginia University	\$13,200,000	X	0	+	\$13,200,000	X	0	=	\$0	\$1,867,156
Westover City Hall		X	0	+		X	0	=	\$0	\$0
Westover PD		X	0	+		X	0	=	\$0	\$0
Westover VFD	\$250	X	0	+	\$250	X	0	=	\$0	\$150
Westwood MS	\$6,700	X	0	+	\$6,700	X	0	=	\$0	\$8,520
Women's Christian Temperance Union Comm. Bldg.	\$138	X	0	+	\$138	X	0	=	\$0	\$730
Woodburn ES	\$2,750	X	0	+	\$2,750	X	0	=	\$0	\$2,203
Woodburn Hall	\$13,500	X	0	+	\$13,500	X	0	=	\$0	\$11,144
WV State Police	\$1,300	X	0	+	\$1,300	X	0	=	\$0	\$500
WVU Hospital (Ruby Memorial)	\$273,000	X	0	+	\$273,000	X	0	=	\$0	\$55,100
									\$0	\$6,224,707

**Hazard: Flooding (Monongalia County)**

Name/Description of Asset	Structure Loss					Contents Loss				
	Structure Replacement Value (\$)	X	Percent Damage (%)	=	Loss to Structure (\$)	Replacement Value of Contents (\$)	X	Percent Damage (%)	=	Loss to Contents (\$)
Alexander Wade House		X	0%	=	\$0		X	0%	=	\$0
Alliance Christian School		X	0%	=	\$0		X	0%	=	\$0
Blacksville No. 2 Mine	192,000.00	X	0%	=	\$0		X	0%	=	\$0
Blacksville VFD		X	0%	=	\$0		X	0%	=	\$0
Bridges		X	0%	=	\$0		X	0%	=	\$0
Brookhaven ES	5,545,753.00	X	0%	=	\$0	1,367,360.00	X	0%	=	\$0
Brookhaven VFD	550,000.00	X	0%	=	\$0	3,000,000.00	X	0%	=	\$0
Brown Building	1,250,000.00	X	0%	=	\$0	200,000.00	X	0%	=	\$0
Camp Rhododendron		X	0%	=	\$0		X	0%	=	\$0
Chancery Hill Historic District		X	0%	=	\$0		X	0%	=	\$0
Cheat Lake ES	8,245,707.00	X	0%	=	\$0	1,632,219.00	X	0%	=	\$0
Cheat Lake MS	5,868,412.00	X	0%	=	\$0	1,720,593.00	X	0%	=	\$0
Cheat Lake VFD	500,000.00	X	0%	=	\$0	1,500,000.00	X	0%	=	\$0
Chestnut Ridge Hospital	9,135,000.00	X	0%	=	\$0	5,000,000.00	X	0%	=	\$0
Chestnut Ridge Research		X	0%	=	\$0		X	0%	=	\$0
Clay Battelle HS	7,255,832.00	X	1%	=	\$72,558	1,687,065.00	X	1%	=	\$16,871
Clinton District VFD		X	0%	=	\$0		X	0%	=	\$0
Cool Spring VFD	548,500.00	X	0%	=	\$0	750,000.00	X	0%	=	\$0
Cooper's Rock State Forest Supt. House	180,000.00	X	0%	=	\$0	20,000.00	X	0%	=	\$0
Covenant Christian School		X	0%	=	\$0		X	0%	=	\$0
Crooked Run #4		X	0%	=	\$0		X	0%	=	\$0
D.I.B. Anderson Farmhouse	264,000.00	X	0%	=	\$0	50,000.00	X	0%	=	\$0
Daybrook ES	117,362.00	X	0%	=	\$0	371,267.00	X	0%	=	\$0

Dents Run Covered Bridge		X	0%	=	\$0		X	0%	=	\$0
Dering Building		X	0%	=	\$0		X	0%	=	\$0
Dorsey Preschool	468,000.00	X	0%	=	\$0	125,275.00	X	0%	=	\$0
Downtown Morgantown Historic District		X	0%	=	\$0		X	0%	=	\$0
Easton ES	1,214,218.00	X	0%	=	\$0	477,708.00	X	0%	=	\$0
Easton Roller Mill	2,000,000.00	X	0%	=	\$0	30,000.00	X	0%	=	\$0
Elizabeth Moore Hall	7,140,119.00	X	0%	=	\$0	7,140,119.00	X	0%	=	\$0
Ford House	78,000.00	X	0%	=	\$0	10,000.00	X	0%	=	\$0
Fort Martin Power Plant		X	1%	=	\$0		X	1%	=	\$0
Fourth Ward School		X	0%	=	\$0		X	0%	=	\$0
GE Specialty Chemicals		X	1%	=	\$0		X	1%	=	\$0
Granville VFD and Police and Town Hall	250,000.00	X	4%	=	\$10,000	250,000.00	X	1%	=	\$2,500
Greenmont Historic District		X	0%	=	\$0		X	0%	=	\$0
Hackney House	150,000.00	X	0%	=	\$0	500,000.00	X	0%	=	\$0
Hamilton Farm Petroglyphs		X	0%	=	\$0		X	0%	=	\$0
Harmony Grove Meeting House	105,600.00	X	0%	=	\$0	30,000.00	X	0%	=	\$0
Harner Homestead		X	0%	=	\$0		X	0%	=	\$0
Hartman Run Bridge	4,000,000.00	X	0%	=	\$0		X	0%	=	\$0
Harvey Run #1	5,243,333.00	X	0%	=	\$0		X	0%	=	\$0
HealthSouth Mountain view	11,000,000.00	X	0%	=	\$0	4,500,000.00	X	0%	=	\$0
Henry Clay Furnace	50,000.00	X	0%	=	\$0		X	0%	=	\$0
Hildebrand Lock and Dam	50,000,000.00	X	1%	=	\$500,000		X	0%	=	\$0
Jakes Run Preschool	1,041,249.00	X	0%	=	\$0	133,484.00	X	0%	=	\$0
Judge Frank Cox House	4,000,000.00	X	0%	=	\$0	100,000.00	X	0%	=	\$0
Kencaid, Arnett, and Flour Bldg.	1,500,000.00	X	0%	=	\$0	250,000.00	X	0%	=	\$0

Kern's Fort	25,000.00	X	0%	=	\$0	10,000.00	X	0%	=	\$0
Lazzelle Union ES	508,501.00	X	0%	=	\$0	49,023.00	X	0%	=	\$0
Lynch Chapel UM Church		X	0%	=	\$0		X	0%	=	\$0
Maranatha Christian Academy		X	0%	=	\$0		X	0%	=	\$0
Mason-Dixon ES	4,649,610.00	X	0%	=	\$0	917,612.00	X	0%	=	\$0
MEC Power Plant	50,000,000.00	X	1%	=	\$500,000	250,000,000.00	X	1%	=	\$2,500,000
MECCA	1,800,000.00	X	0%	=	\$0	1,800,000.00	X	0%	=	\$0
Men's Hall		X	0%	=	\$0		X	0%	=	\$0
Metropolitan Theater	13,755,000.00	X	0%	=	\$0	500,000.00	X	0%	=	\$0
Monongalia County Courthouse	16,332,230.00	X	0%	=	\$0	3,000,000.00	X	0%	=	\$0
Monongalia County Sheriff	16,332,230.00	X	0%	=	\$0	2,773,000.00	X	0%	=	\$0
Monongalia General Hospital	52,000,000.00	X	0%	=	\$0	60,000,000.00	X	0%	=	\$0
Monongalia Schools Transportation	1,250,000.00	X	0%	=	\$0	500,000.00	X	0%	=	\$0
Monongalia Technical Education Center		X	0%	=	\$0		X	0%	=	\$0
Morgantown HS	23,660,349.00	X	0%	=	\$0	5,163,707.00	X	0%	=	\$0
Morgantown Learning Academy		X	0%	=	\$0		X	0%	=	\$0
Morgantown Lock and Dam	40,000,000.00	X	1%	=	\$400,000		X	0%	=	\$0
Morgantown Municipal Airport	3,479,424.00	X	0%	=	\$0	243,464.00	X	0%	=	\$0
Morgantown Municipal Building		X	0%	=	\$0		X	0%	=	\$0
Morgantown PD	7,557,680.00	X	0%	=	\$0	393,120,000.00	X	0%	=	\$0
Morgantown Public Library		X	0%	=	\$0		X	0%	=	\$0
Morgantown VFD		X	0%	=	\$0		X	0%	=	\$0
Morgantown Wharf Warehouse Historic Dist.		X	4%	=	\$0		X	1%	=	\$0

Mountainview ES	8,770,058.00	X	0%	=	\$0	1,837,634.00	X	0%	=	\$0
MUB WTP	8,380,850.00	X	3%	=	\$251,426	21,124,750.00	X	1%	=	\$211,248
MUB WWTP	4,894,200.00	X	3%	=	\$146,826	40,147,392.00	X	1%	=	\$401,474
Mylan		X	0%	=	\$0		X	0%	=	\$0
Mylan Park ES		X	0%	=	\$0		X	0%	=	\$0
National Energy Technology Center		X	0%	=	\$0		X	0%	=	\$0
NIOSH/OSHA		X	0%	=	\$0		X	0%	=	\$0
North ES	6,285,965.00	X	0%	=	\$0	1,760,025.00	X	0%	=	\$0
Oglebay Hall	14,468,426.00	X	0%	=	\$0	14,468,426.00	X	0%	=	\$0
Old Morgantown PO	1,500,000.00	X	0%	=	\$0	38,000.00	X	0%	=	\$0
Old Stone House		X	0%	=	\$0		X	0%	=	\$0
Old Watson Homestead		X	0%	=	\$0		X	0%	=	\$0
Opekiska Lock and Dam	35,000,000.00	X	1%	=	\$350,000		X	0%	=	\$0
PRT Stations		X	0%	=	\$0		X	0%	=	\$0
Purinton House	2,670,600.00	X	0%	=	\$0	267,600.00	X	0%	=	\$0
Railroads	27,514,750.00	X	2%	=	\$550,295		X	0%	=	\$0
Residential	3,651,920,821.00	X	5%	=	\$182,596,041		X	5%	=	\$0
Ridgedale ES	3,532,104.00	X	0%	=	\$0	77,845.00	X	0%	=	\$0
River Rd. VFD		XX	4%	=	\$0		X	1%	=	\$0
Roads	61,677,200.00	X	1%	=	\$308,386		X	0%	=	\$0
Rogers House	532,000.00	X	0%	=	\$0	20,000.00	X	0%	=	\$0
Scotts Run VFD		X	0%	=	\$0		X	0%	=	\$0
Second Ward Negro School	400,000.00	X	0%	=	\$0	20,000.00	X	0%	=	\$0
Seneca Glass Company Bldg.	2,500,000.00	X	0%	=	\$0	2,000,000.00	X	0%	=	\$0
Skyview ES		X	0%	=	\$0		X	0%	=	\$0
South MS	11,805,779.00	X	0%	=	\$0	2,738,758.00	X	0%	=	\$0
South Park Historic Dist.		X	0%	=	\$0		X	0%	=	\$0
St. Francis Central Catholic	2,200,000.00	X	0%	=	\$0	2,200,000.00	X	0%	=	\$0
St. Mary's Orthodox Church	1,000,000.00	X	0%	=	\$0	3,000,000.00	X	0%	=	\$0

Stalnaker Hall	31,145,563.00	X	0%	=	\$0	31,145,563.00	X	0%	=	\$0	
Star City PD	1,950,000.00	X	0%	=	\$0	120,000.00	X	0%	=	\$0	
Star City VFD	2,000,000.00	X	0%	=	\$0	7,000,000.00	X	0%	=	\$0	
Stewart Hall	7,681,000.00	X	0%	=	\$0	7,681,000.00	X	0%	=	\$0	
Suncrest MS	8,534,947.00	X	0%	=	\$0	1,504,600.00	X	0%	=	\$0	
Suncrest PS		X	0%	=	\$0		X	0%	=	\$0	
Swanson Plating	8,000,000.00	X	0%	=	\$0	20,000,000.00	X	0%	=	\$0	
Trinity Christian School		X	0%	=	\$0		X	0%	=	\$0	
Triune-Halleck VFD	250,000.00	X	0%	=	\$0	350,000.00	X	0%	=	\$0	
University HS	13,464,860.00	X	0%	=	\$0	3,355,504.00	X	0%	=	\$0	
Upper Deckers #4		X	0%	=	\$0		X	0%	=	\$0	
Vance Farmhouse	138,600.00	X	0%	=	\$0	100,000.00	X	0%	=	\$0	
Wadestown VFD	500,000.00	X	0%	=	\$0	500,000.00	X	0%	=	\$0	
Waitman T. Willey House	800,000.00	X	0%	=	\$0	250,000.00	X	0%	=	\$0	
Walters House	442,750.00	X	0%	=	\$0	200,000.00	X	0%	=	\$0	
West Virginia University	1,867,156,000.00	X	1%	=	\$18,671,560	500,000,000.00	X	1%	=	\$2,500,000	
Westover City Hall		X	2%	=	\$0		X	1%	=	\$0	
Westover PD		X	2%	=	\$0		X	1%	=	\$0	
Westover VFD	150,000.00	X	2%	=	\$3,000	1,500,000.00	X	1%	=	\$15,000	
Westwood MS	8,519,979.00	X	2%	=	\$170,400	1,942,446.00	X	1%	=	\$19,424	
Women's Christian Temperance Union Comm. Bldg.	730,000.00	X	0%	=	\$0	200,000.00	X	0%	=	\$0	
Woodburn ES	2,203,093.00	X	0%	=	\$0	645,921.00	X	0%	=	\$0	
Woodburn Hall	11,144,200.00	X	0%	=	\$0	5,000,000.00	X	0%	=	\$0	
WV State Police	500,000.00	X	0%	=	\$0	500,000.00	X	0%	=	\$0	
WVU Hospital (Ruby Memorial)	55,100,000.00	X	0%	=	\$0	100,000,000.00	X	0%	=	\$0	
					\$204,530,491						\$5,666,517

**Hazard: Flooding (Monongalia County)**

Name/Description of Asset	Structure Use and Function Loss									Structure + Contents + Function Loss
	Average Daily Operating Budget (\$)	X	Functional Downtime (# of days)	+	Displacement Cost per Day (\$)	X	Displacement Time (Days)	=	Structure Use & Function Loss (\$)	
Alexander Wade House		X	0	+		X	0	=	\$0	\$0
Alliance Christian School		X	0	+		X	0	=	\$0	\$0
Blacksville No. 2 Mine		X	0	+		X	0	=	\$0	\$0
Blacksville VFD		X	0	+		X	0	=	\$0	\$0
Bridges		X	0	+		X	0	=	\$0	\$0
Brookhaven ES	\$5,900	X	0	+	\$5,900	X	0	=	\$0	\$0
Brookhaven VFD	\$400	X	0	+	\$400	X	0	=	\$0	\$0
Brown Building	\$1,370	X	0	+	\$1,370	X	0	=	\$0	\$0
Camp Rhododendron		X	0	+		X	0	=	\$0	\$0
Chancery Hill Historic District		X	0	+		X	0	=	\$0	\$0
Cheat Lake ES	\$7,600	X	0	+	\$7,600	X	0	=	\$0	\$0
Cheat Lake MS	\$7,900	X	0	+	\$7,900	X	0	=	\$0	\$0
Cheat Lake VFD	\$450	X	0	+	\$450	X	0	=	\$0	\$0
Chestnut Ridge Hospital	\$13,700	X	0	+	\$13,700	X	0	=	\$0	\$0
Chestnut Ridge Research		X	0	+		X	0	=	\$0	\$0
Clay Battelle HS	\$5,200	X	1	+	\$5,200	X	0	=	\$5,200	\$94,629
Clinton District VFD		X	0	+		X	0	=	\$0	\$0
Cool Spring VFD	\$550	X	0	+	\$550	X	0	=	\$0	\$0
Cooper's Rock State Forest Supt. House	\$100	X	0	+	\$100	X	0	=	\$0	\$0
Covenant Christian School		X	0	+		X	0	=	\$0	\$0
Crooked Run #4		X	0	+		X	0	=	\$0	\$0
D.I.B. Anderson Farmhouse		X	0	+		X	0	=	\$0	\$0
Daybrook ES	\$1,400	X	0	+	\$1,400	X	0	=	\$0	\$0

Dents Run Covered Bridge		X	0	+		X	0	=	\$0	\$0
Dering Building		X	0	+		X	0	=	\$0	\$0
Dorsey Preschool	\$3,450	X	0	+	\$3,450	X	0	=	\$0	\$0
Downtown Morgantown Historic District		X	0	+		X	0	=	\$0	\$0
Easton ES	\$1,800	X	0	+	\$1,800	X	0	=	\$0	\$0
Easton Roller Mill	\$0	X	0	+	\$0	X	0	=	\$0	\$0
Elizabeth Moore Hall	\$2,100	X	0	+	\$2,100	X	0	=	\$0	\$0
Ford House	\$5	X	0	+	\$5	X	0	=	\$0	\$0
Fort Martin Power Plant		X	1	+		X	0	=	\$0	\$0
Fourth Ward School		X	0	+		X	0	=	\$0	\$0
GE Specialty Chemicals		X	1	+		X	0	=	\$0	\$0
Granville VFD and Police and Town Hall	\$6,868	X	1	+	\$6,868	X	0	=	\$6,868	\$19,368
Greenmont Historic District		X	0	+		X	0	=	\$0	\$0
Hackney House	\$400	X	0	+	\$400	X	0	=	\$0	\$0
Hamilton Farm Petroglyphs		X	0	+		X	0	=	\$0	\$0
Harmony Grove Meeting House	\$5	X	0	+	\$5	X	0	=	\$0	\$0
Harner Homestead		X	0	+		X	0	=	\$0	\$0
Hartman Run Bridge		X	0	+		X	0	=	\$0	\$0
Harvey Run #1		X	0	+		X	0	=	\$0	\$0
HealthSouth Mountain view	\$27,000	X	0	+	\$27,000	X	0	=	\$0	\$0
Henry Clay Furnace		X	0	+		X	0	=	\$0	\$0
Hildebrand Lock and Dam	\$200,000	X	1	+	\$200,000	X	0	=	\$200,000	\$700,000
Jakes Run Preschool	\$300	X	0	+	\$300	X	0	=	\$0	\$0
Judge Frank Cox House	\$2,200	X	0	+	\$2,200	X	0	=	\$0	\$0
Kencaid, Arnett, and Flour Bldg.	\$680	X	0	+	\$680	X	0	=	\$0	\$0

Kern's Fort	\$6	X	0	+	\$6	X	0	=	\$0	\$0
Lazelle Union ES	\$1,350	X	0	+	\$1,350	X	0	=	\$0	\$0
Lynch Chapel UM Church		X	0	+		X	0	=	\$0	\$0
Maranatha Christian Academy		X	0	+		X	0	=	\$0	\$0
Mason-Dixon ES	\$5,000	X	0	+	\$5,000	X	0	=	\$0	\$0
MEC Power Plant	\$685,000	X	1	+	\$685,000	X	0	=	\$685,000	\$3,685,000
MECCA		X	0	+		X	0	=	\$0	\$0
Men's Hall		X	0	+		X	0	=	\$0	\$0
Metropolitan Theater	\$10,000	X	0	+	\$10,000	X	0	=	\$0	\$0
Monongalia County Courthouse	\$90,411	X	0	+	\$90,411	X	0	=	\$0	\$0
Monongalia County Sheriff	\$10,098	X	0	+	\$10,098	X	0	=	\$0	\$0
Monongalia General Hospital	\$110,000	X	0	+	\$110,000	X	0	=	\$0	\$0
Monongalia Schools Transportation	\$11,780,822	X	0	+	\$11,780,822	X	0	=	\$0	\$0
Monongalia Technical Education Center		X	0	+		X	0	=	\$0	\$0
Morgantown HS	\$22,100	X	0	+	\$22,100	X	0	=	\$0	\$0
Morgantown Learning Academy		X	0	+		X	0	=	\$0	\$0
Morgantown Lock and Dam	\$200,000	X	1	+	\$200,000	X	0	=	\$200,000	\$600,000
Morgantown Municipal Airport	\$7,756	X	0	+	\$7,756	X	0	=	\$0	\$0
Morgantown Municipal Building		X	0	+		X	0	=	\$0	\$0
Morgantown PD	\$30,466,000	X	0	+	\$30,466,000	X	0	=	\$0	\$0
Morgantown Public Library		X	0	+		X	0	=	\$0	\$0
Morgantown VFD		X	0	+		X	0	=	\$0	\$0
Morgantown Wharf Warehouse Historic Dist.		X	1	+		X	0	=	\$0	\$0

Mountainview ES	\$8,750	X	0	+	\$8,750	X	0	=	\$0	\$0
MUB WTP	\$3,429	X	1	+	\$3,429	X	0	=	\$3,429	\$466,102
MUB WWTP	\$3,198	X	1	+	\$3,198	X	0	=	\$3,198	\$551,498
Mylan		X	0	+		X	0	=	\$0	\$0
Mylan Park ES		X	0	+		X		=	\$0	\$0
National Energy Technology Center		X	0	+		X		=	\$0	\$0
NIOSH/OSHA		X	0	+		X		=	\$0	\$0
North ES	\$8,750	X	0	+	\$8,750	X		=	\$0	\$0
Oglebay Hall	\$6,500	X	0	+	\$6,500	X		=	\$0	\$0
Old Morgantown PO	\$27	X	0	+	\$27	X		=	\$0	\$0
Old Stone House		X	0	+		X		=	\$0	\$0
Old Watson Homestead		X	0	+		X		=	\$0	\$0
Opekiska Lock and Dam	\$200,000	X	1	+	\$200,000	X		=	\$200,000	\$550,000
PRT Stations		X	0	+		X		=	\$0	\$0
Purinton House	\$650	X	0	+	\$650	X		=	\$0	\$0
Railroads		X	1	+		X		=	\$0	\$550,295
Residential		X	0	+		X		=	\$0	\$182,596,041
Ridgedale ES	\$3,600	X	0	+	\$3,600	X		=	\$0	\$0
River Rd. VFD		X	1	+		X		=	\$0	\$0
Roads		X	0	+		X		=	\$0	\$308,386
Rogers House	\$10	X	0	+	\$10	X		=	\$0	\$0
Scotts Run VFD		X	0	+		X		=	\$0	\$0
Second Ward Negro School	\$13	X	0	+	\$13	X		=	\$0	\$0
Seneca Glass Company Bldg.	\$2,700	X	0	+	\$2,700	X		=	\$0	\$0
Skyview ES		X	0	+		X		=	\$0	\$0
South MS	\$11,000	X	0	+	\$11,000	X		=	\$0	\$0
South Park Historic Dist.		X	0	+		X		=	\$0	\$0
St. Francis Central Catholic	\$135,000	X	0	+	\$135,000	X		=	\$0	\$0
St. Mary's Orthodox Church	\$135	X	0	+	\$135	X		=	\$0	\$0

Stalnaker Hall	\$9,800	X	0	+	\$9,800	X	=	\$0	\$0
Star City PD	\$320	X	0	+	\$320	X	=	\$0	\$0
Star City VFD	\$192	X	0	+	\$192	X	=	\$0	\$0
Stewart Hall	\$4,300	X	0	+	\$4,300	X	=	\$0	\$0
Suncrest MS	\$5,450	X	0	+	\$5,450	X	=	\$0	\$0
Suncrest PS		X	0	+		X	=	\$0	\$0
Swanson Plating	\$54,000	X	0	+	\$54,000	X	=	\$0	\$0
Trinity Christian School		X	0	+		X	=	\$0	\$0
Triune-Halleck VFD	\$150	X	0	+	\$150	X	=	\$0	\$0
University HS	\$17,700	X	0	+	\$17,700	X	=	\$0	\$0
Upper Deckers #4		X	0	+		X	=	\$0	\$0
Vance Farmhouse	\$50	X	0	+	\$50	X	=	\$0	\$0
Wadestown VFD	\$340	X	0	+	\$340	X	=	\$0	\$0
Waitman T. Willey House	\$25	X	0	+	\$25	X	=	\$0	\$0
Walters House	\$20	X	0	+	\$20	X	=	\$0	\$0
West Virginia University	\$13,200,000	X	1	+	\$13,200,000	X	=	\$13,200,000	\$34,371,560
Westover City Hall		X	1	+		X	=	\$0	\$0
Westover PD		X	0	+		X	=	\$0	\$0
Westover VFD	\$250	X	0	+	\$250	X	=	\$0	\$18,000
Westwood MS	\$6,700	X	1	+	\$6,700	X	=	\$6,700	\$196,524
Women's Christian Temperance Union Comm. Bldg.	\$138	X	0	+	\$138	X	=	\$0	\$0
Woodburn ES	\$2,750	X	0	+	\$2,750	X	=	\$0	\$0
Woodburn Hall	\$13,500	X	0	+	\$13,500	X	=	\$0	\$0
WV State Police	\$1,300	X	0	+	\$1,300	X	=	\$0	\$0
WVU Hospital (Ruby Memorial)	\$273,000	X	0	+	\$273,000	X	=	\$0	\$0
								\$14,510,395	\$224,707,403

**Hazard: Earthquake (Monongalia County)**

Name/Description of Asset	Structure Loss					Contents Loss				
	Structure Replacement Value (\$)	X	Percent Damage (%)	=	Loss to Structure (\$)	Replacement Value of Contents (\$)	X	Percent Damage (%)	=	Loss to Contents (\$)
Alexander Wade House		X	0%	=	\$0		X	0%	=	\$0
Alliance Christian School		X	0%	=	\$0		X	0%	=	\$0
Blacksville No. 2 Mine	192,000.00	X	0%	=	\$0		X	0%	=	\$0
Blacksville VFD		X	0%	=	\$0		X	0%	=	\$0
Bridges		X	0%	=	\$0		X	0%	=	\$0
Brookhaven ES	5,545,753.00	X	0%	=	\$0	1,367,360.00	X	0%	=	\$0
Brookhaven VFD	550,000.00	X	0%	=	\$0	3,000,000.00	X	0%	=	\$0
Brown Building	1,250,000.00	X	0%	=	\$0	200,000.00	X	0%	=	\$0
Camp Rhododendron		X	0%	=	\$0		X	0%	=	\$0
Chancery Hill Historic District		X	0%	=	\$0		X	0%	=	\$0
Cheat Lake ES	8,245,707.00	X	0%	=	\$0	1,632,219.00	X	0%	=	\$0
Cheat Lake MS	5,868,412.00	X	0%	=	\$0	1,720,593.00	X	0%	=	\$0
Cheat Lake VFD	500,000.00	X	0%	=	\$0	1,500,000.00	X	0%	=	\$0
Chestnut Ridge Hospital	9,135,000.00	X	0%	=	\$0	5,000,000.00	X	0%	=	\$0
Chestnut Ridge Research		X	0%	=	\$0		X	0%	=	\$0
Clay Battelle HS	7,255,832.00	X	0%	=	\$0	1,687,065.00	X	0%	=	\$0
Clinton District VFD		X	0%	=	\$0		X	0%	=	\$0
Cool Spring VFD	548,500.00	X	0%	=	\$0	750,000.00	X	0%	=	\$0
Cooper's Rock State Forest Supt. House	180,000.00	X	0%	=	\$0	20,000.00	X	0%	=	\$0
Covenant Christian School		X	0%	=	\$0		X	0%	=	\$0
Crooked Run #4		X	0%	=	\$0		X	0%	=	\$0
D.I.B. Anderson Farmhouse	264,000.00	X	0%	=	\$0	50,000.00	X	0%	=	\$0
Daybrook ES	117,362.00	X	0%	=	\$0	371,267.00	X	0%	=	\$0

Dents Run Covered Bridge		X	0%	=	\$0		X	0%	=	\$0
Dering Building		X	0%	=	\$0		X	0%	=	\$0
Dorsey Preschool	468,000.00	X	0%	=	\$0	125,275.00	X	0%	=	\$0
Downtown Morgantown Historic District		X	0%	=	\$0		X	0%	=	\$0
Easton ES	1,214,218.00	X	0%	=	\$0	477,708.00	X	0%	=	\$0
Easton Roller Mill	2,000,000.00	X	0%	=	\$0	30,000.00	X	0%	=	\$0
Elizabeth Moore Hall	7,140,119.00	X	0%	=	\$0	7,140,119.00	X	0%	=	\$0
Ford House	78,000.00	X	0%	=	\$0	10,000.00	X	0%	=	\$0
Fort Martin Power Plant		X	0%	=	\$0		X	0%	=	\$0
Fourth Ward School		X	0%	=	\$0		X	0%	=	\$0
GE Specialty Chemicals		X	0%	=	\$0		X	0%	=	\$0
Granville VFD and Police and Town Hall	250,000.00	X	0%	=	\$0	250,000.00	X	0%	=	\$0
Greenmont Historic District		X	0%	=	\$0		X	0%	=	\$0
Hackney House	150,000.00	X	0%	=	\$0	500,000.00	X	0%	=	\$0
Hamilton Farm Petroglyphs		X	0%	=	\$0		X	0%	=	\$0
Harmony Grove Meeting House	105,600.00	X	0%	=	\$0	30,000.00	X	0%	=	\$0
Harner Homestead		X	0%	=	\$0		X	0%	=	\$0
Hartman Run Bridge	4,000,000.00	X	0%	=	\$0		X	0%	=	\$0
Harvey Run #1	5,243,333.00	X	0%	=	\$0		X	0%	=	\$0
HealthSouth Mountain view	11,000,000.00	X	0%	=	\$0	4,500,000.00	X	0%	=	\$0
Henry Clay Furnace	50,000.00	X	0%	=	\$0		X	0%	=	\$0
Hildebrand Lock and Dam	50,000,000.00	X	0%	=	\$0		X	0%	=	\$0
Jakes Run Preschool	1,041,249.00	X	0%	=	\$0	133,484.00	X	0%	=	\$0
Judge Frank Cox House	4,000,000.00	X	0%	=	\$0	100,000.00	X	0%	=	\$0
Kencaid, Arnett, and Flour Bldg.	1,500,000.00	X	0%	=	\$0	250,000.00	X	0%	=	\$0

Kern's Fort	25,000.00	X	0%	=	\$0	10,000.00	X	0%	=	\$0
Lazzelle Union ES	508,501.00	X	0%	=	\$0	49,023.00	X	0%	=	\$0
Lynch Chapel UM Church		X	0%	=	\$0		X	0%	=	\$0
Maranatha Christian Academy		X	0%	=	\$0		X	0%	=	\$0
Mason-Dixon ES	4,649,610.00	X	0%	=	\$0	917,612.00	X	0%	=	\$0
MEC Power Plant	50,000,000.00	X	0%	=	\$0	250,000,000.00	X	0%	=	\$0
MECCA	1,800,000.00	X	0%	=	\$0	1,800,000.00	X	0%	=	\$0
Men's Hall		X	0%	=	\$0		X	0%	=	\$0
Metropolitan Theater	13,755,000.00	X	0%	=	\$0	500,000.00	X	0%	=	\$0
Monongalia County Courthouse	16,332,230.00	X	0%	=	\$0	3,000,000.00	X	0%	=	\$0
Monongalia County Sheriff	16,332,230.00	X	0%	=	\$0	2,773,000.00	X	0%	=	\$0
Monongalia General Hospital	52,000,000.00	X	0%	=	\$0	60,000,000.00	X	0%	=	\$0
Monongalia Schools Transportation	1,250,000.00	X	0%	=	\$0	500,000.00	X	0%	=	\$0
Monongalia Technical Education Center		X	0%	=	\$0		X	0%	=	\$0
Morgantown HS	23,660,349.00	X	0%	=	\$0	5,163,707.00	X	0%	=	\$0
Morgantown Learning Academy		X	0%	=	\$0		X	0%	=	\$0
Morgantown Lock and Dam	40,000,000.00	X	0%	=	\$0		X	0%	=	\$0
Morgantown Municipal Airport	3,479,424.00	X	0%	=	\$0	243,464.00	X	0%	=	\$0
Morgantown Municipal Building		X	0%	=	\$0		X	0%	=	\$0
Morgantown PD	7,557,680.00	X	0%	=	\$0	393,120,000.00	X	0%	=	\$0
Morgantown Public Library		X	0%	=	\$0		X	0%	=	\$0
Morgantown VFD		X	0%	=	\$0		X	0%	=	\$0
Morgantown Wharf Warehouse Historic Dist.		X	0%	=	\$0		X	0%	=	\$0

Mountainview ES	8,770,058.00	X	0%	=	\$0	1,837,634.00	X	0%	=	\$0
MUB WTP	8,380,850.00	X	0%	=	\$0	21,124,750.00	X	0%	=	\$0
MUB WWTP	4,894,200.00	X	0%	=	\$0	40,147,392.00	X	0%	=	\$0
Mylan		X	0%	=	\$0		X	0%	=	\$0
Mylan Park ES		X	0%	=	\$0		X	0%	=	\$0
National Energy Technology Center		X	0%	=	\$0		X	0%	=	\$0
NIOSH/OSHA		X	0%	=	\$0		X	0%	=	\$0
North ES	6,285,965.00	X	0%	=	\$0	1,760,025.00	X	0%	=	\$0
Oglebay Hall	14,468,426.00	X	0%	=	\$0	14,468,426.00	X	0%	=	\$0
Old Morgantown PO	1,500,000.00	X	0%	=	\$0	38,000.00	X	0%	=	\$0
Old Stone House		X	0%	=	\$0		X	0%	=	\$0
Old Watson Homestead		X	0%	=	\$0		X	0%	=	\$0
Opekiska Lock and Dam	35,000,000.00	X	0%	=	\$0		X	0%	=	\$0
PRT Stations		X	0%	=	\$0		X	0%	=	\$0
Purinton House	2,670,600.00	X	0%	=	\$0	267,600.00	X	0%	=	\$0
Railroads	27,514,750.00	X	0%	=	\$0		X	0%	=	\$0
Residential	3,651,920,821.00	X	0%	=	\$0		X	0%	=	\$0
Ridgedale ES	3,532,104.00	X	0%	=	\$0	77,845.00	X	0%	=	\$0
River Rd. VFD		XX	0%	=	\$0		X	0%	=	\$0
Roads	61,677,200.00	X	0%	=	\$0		X	0%	=	\$0
Rogers House	532,000.00	X	0%	=	\$0	20,000.00	X	0%	=	\$0
Scotts Run VFD		X	0%	=	\$0		X	0%	=	\$0
Second Ward Negro School	400,000.00	X	0%	=	\$0	20,000.00	X	0%	=	\$0
Seneca Glass Company Bldg.	2,500,000.00	X	0%	=	\$0	2,000,000.00	X	0%	=	\$0
Skyview ES		X	0%	=	\$0		X	0%	=	\$0
South MS	11,805,779.00	X	0%	=	\$0	2,738,758.00	X	0%	=	\$0
South Park Historic Dist.		X	0%	=	\$0		X	0%	=	\$0
St. Francis Central Catholic	2,200,000.00	X	0%	=	\$0	2,200,000.00	X	0%	=	\$0
St. Mary's Orthodox Church	1,000,000.00	X	0%	=	\$0	3,000,000.00	X	0%	=	\$0

Stalnaker Hall	31,145,563.00	X	0%	=	\$0	31,145,563.00	X	0%	=	\$0
Star City PD	1,950,000.00	X	0%	=	\$0	120,000.00	X	0%	=	\$0
Star City VFD	2,000,000.00	X	0%	=	\$0	7,000,000.00	X	0%	=	\$0
Stewart Hall	7,681,000.00	X	0%	=	\$0	7,681,000.00	X	0%	=	\$0
Suncrest MS	8,534,947.00	X	0%	=	\$0	1,504,600.00	X	0%	=	\$0
Suncrest PS		X	0%	=	\$0		X	0%	=	\$0
Swanson Plating	8,000,000.00	X	0%	=	\$0	20,000,000.00	X	0%	=	\$0
Trinity Christian School		X	0%	=	\$0		X	0%	=	\$0
Triune-Halleck VFD	250,000.00	X	0%	=	\$0	350,000.00	X	0%	=	\$0
University HS	13,464,860.00	X	0%	=	\$0	3,355,504.00	X	0%	=	\$0
Upper Deckers #4		X	0%	=	\$0		X	0%	=	\$0
Vance Farmhouse	138,600.00	X	0%	=	\$0	100,000.00	X	0%	=	\$0
Wadestown VFD	500,000.00	X	0%	=	\$0	500,000.00	X	0%	=	\$0
Waitman T. Willey House	800,000.00	X	0%	=	\$0	250,000.00	X	0%	=	\$0
Walters House	442,750.00	X	0%	=	\$0	200,000.00	X	0%	=	\$0
West Virginia University	1,867,156,000.00	X	0%	=	\$0	500,000,000.00	X	0%	=	\$0
Westover City Hall		X	0%	=	\$0		X	0%	=	\$0
Westover PD		X	0%	=	\$0		X	0%	=	\$0
Westover VFD	150,000.00	X	0%	=	\$0	1,500,000.00	X	0%	=	\$0
Westwood MS	8,519,979.00	X	0%	=	\$0	1,942,446.00	X	0%	=	\$0
Women's Christian Temperance Union Comm. Bldg.	730,000.00	X	0%	=	\$0	200,000.00	X	0%	=	\$0
Woodburn ES	2,203,093.00	X	0%	=	\$0	645,921.00	X	0%	=	\$0
Woodburn Hall	11,144,200.00	X	0%	=	\$0	5,000,000.00	X	0%	=	\$0
WV State Police	500,000.00	X	0%	=	\$0	500,000.00	X	0%	=	\$0
WVU Hospital (Ruby Memorial)	55,100,000.00	X	0%	=	\$0	100,000,000.00	X	0%	=	\$0
					\$0					\$0

**Hazard: Earthquake (Monongalia County)**

Name/Description of Asset	Structure Use and Function Loss									Structure + Contents + Function Loss
	Average Daily Operating Budget (\$)	X	Functional Downtime (# of days)	+	Displacement Cost per Day (\$)	X	Displacement Time (Days)	=	Structure Use & Function Loss (\$)	
Alexander Wade House		X	0	+		X	0	=	\$0	\$0
Alliance Christian School		X	0	+		X	0	=	\$0	\$0
Blacksville No. 2 Mine		X	0	+		X	0	=	\$0	\$0
Blacksville VFD		X	0	+		X	0	=	\$0	\$0
Bridges		X	0	+		X	0	=	\$0	\$0
Brookhaven ES	\$5,900	X	0	+	\$5,900	X	0	=	\$0	\$0
Brookhaven VFD	\$400	X	0	+	\$400	X	0	=	\$0	\$0
Brown Building	\$1,370	X	0	+	\$1,370	X	0	=	\$0	\$0
Camp Rhododendron		X	0	+		X	0	=	\$0	\$0
Chancery Hill Historic District		X	0	+		X	0	=	\$0	\$0
Cheat Lake ES	\$7,600	X	0	+	\$7,600	X	0	=	\$0	\$0
Cheat Lake MS	\$7,900	X	0	+	\$7,900	X	0	=	\$0	\$0
Cheat Lake VFD	\$450	X	0	+	\$450	X	0	=	\$0	\$0
Chestnut Ridge Hospital	\$13,700	X	0	+	\$13,700	X	0	=	\$0	\$0
Chestnut Ridge Research		X	0	+		X	0	=	\$0	\$0
Clay Battelle HS	\$5,200	X	0	+	\$5,200	X	0	=	\$0	\$0
Clinton District VFD		X	0	+		X	0	=	\$0	\$0
Cool Spring VFD	\$550	X	0	+	\$550	X	0	=	\$0	\$0
Cooper's Rock State Forest Supt. House	\$100	X	0	+	\$100	X	0	=	\$0	\$0
Covenant Christian School		X	0	+		X	0	=	\$0	\$0
Crooked Run #4		X	0	+		X	0	=	\$0	\$0
D.I.B. Anderson Farmhouse		X	0	+		X	0	=	\$0	\$0
Daybrook ES	\$1,400	X	0	+	\$1,400	X	0	=	\$0	\$0

Dents Run Covered Bridge		X	0	+		X	0	=	\$0	\$0
Dering Building		X	0	+		X	0	=	\$0	\$0
Dorsey Preschool	\$3,450	X	0	+	\$3,450	X	0	=	\$0	\$0
Downtown Morgantown Historic District		X	0	+		X	0	=	\$0	\$0
Easton ES	\$1,800	X	0	+	\$1,800	X	0	=	\$0	\$0
Easton Roller Mill	\$0	X	0	+	\$0	X	0	=	\$0	\$0
Elizabeth Moore Hall	\$2,100	X	0	+	\$2,100	X	0	=	\$0	\$0
Ford House	\$5	X	0	+	\$5	X	0	=	\$0	\$0
Fort Martin Power Plant		X	0	+		X	0	=	\$0	\$0
Fourth Ward School		X	0	+		X	0	=	\$0	\$0
GE Specialty Chemicals		X	0	+		X	0	=	\$0	\$0
Granville VFD and Police and Town Hall	\$6,868	X	0	+	\$6,868	X	0	=	\$0	\$0
Greenmont Historic District		X	0	+		X	0	=	\$0	\$0
Hackney House	\$400	X	0	+	\$400	X	0	=	\$0	\$0
Hamilton Farm Petroglyphs		X	0	+		X	0	=	\$0	\$0
Harmony Grove Meeting House	\$5	X	0	+	\$5	X	0	=	\$0	\$0
Harner Homestead		X	0	+		X	0	=	\$0	\$0
Hartman Run Bridge		X	0	+		X	0	=	\$0	\$0
Harvey Run #1		X	0	+		X	0	=	\$0	\$0
HealthSouth Mountain view	\$27,000	X	0	+	\$27,000	X	0	=	\$0	\$0
Henry Clay Furnace		X	0	+		X	0	=	\$0	\$0
Hildebrand Lock and Dam	\$200,000	X	0	+	\$200,000	X	0	=	\$0	\$0
Jakes Run Preschool	\$300	X	0	+	\$300	X	0	=	\$0	\$0
Judge Frank Cox House	\$2,200	X	0	+	\$2,200	X	0	=	\$0	\$0
Kencaid, Arnett, and Flour Bldg.	\$680	X	0	+	\$680	X	0	=	\$0	\$0



Mountainview ES	\$8,750	X	0	+	\$8,750	X	0	=	\$0	\$0
MUB WTP	\$3,429	X	0	+	\$3,429	X	0	=	\$0	\$0
MUB WWTP	\$3,198	X	0	+	\$3,198	X	0	=	\$0	\$0
Mylan		X	0	+		X	0	=	\$0	\$0
Mylan Park ES		X	0	+		X	0	=	\$0	\$0
National Energy Technology Center		X	0	+		X	0	=	\$0	\$0
NIOSH/OSHA		X	0	+		X	0	=	\$0	\$0
North ES	\$8,750	X	0	+	\$8,750	X	0	=	\$0	\$0
Oglebay Hall	\$6,500	X	0	+	\$6,500	X	0	=	\$0	\$0
Old Morgantown PO	\$27	X	0	+	\$27	X	0	=	\$0	\$0
Old Stone House		X	0	+		X	0	=	\$0	\$0
Old Watson Homestead		X	0	+		X	0	=	\$0	\$0
Opekiska Lock and Dam	\$200,000	X	0	+	\$200,000	X	0	=	\$0	\$0
PRT Stations		X	0	+		X	0	=	\$0	\$0
Purinton House	\$650	X	0	+	\$650	X	0	=	\$0	\$0
Railroads		X	0	+		X	0	=	\$0	\$0
Residential		X	0	+		X	0	=	\$0	\$0
Ridgedale ES	\$3,600	X	0	+	\$3,600	X	0	=	\$0	\$0
River Rd. VFD		X	0	+		X	0	=	\$0	\$0
Roads		X	0	+		X	0	=	\$0	\$0
Rogers House	\$10	X	0	+	\$10	X	0	=	\$0	\$0
Scotts Run VFD		X	0	+		X	0	=	\$0	\$0
Second Ward Negro School	\$13	X	0	+	\$13	X	0	=	\$0	\$0
Seneca Glass Company Bldg.	\$2,700	X	0	+	\$2,700	X	0	=	\$0	\$0
Skyview ES		X	0	+		X	0	=	\$0	\$0
South MS	\$11,000	X	0	+	\$11,000	X	0	=	\$0	\$0
South Park Historic Dist.		X	0	+		X	0	=	\$0	\$0
St. Francis Central Catholic	\$135,000	X	0	+	\$135,000	X	0	=	\$0	\$0
St. Mary's Orthodox Church	\$135	X	0	+	\$135	X	0	=	\$0	\$0



### Hazard: Drought (Monongalia County)

Name/Description of Asset	Structure Loss					Contents Loss				
	Structure Replacement Value (\$)	X	Percent Damage (%)	=	Loss to Structure (\$)	Replacement Value of Contents (\$)	X	Percent Damage (%)	=	Loss to Contents (\$)
Alexander Wade House		X	0%	=	\$0		X	0%	=	\$0
Alliance Christian School		X	0%	=	\$0		X	0%	=	\$0
Blacksville No. 2 Mine	192,000.00	X	0%	=	\$0		X	0%	=	\$0
Blacksville VFD		X	0%	=	\$0		X	0%	=	\$0
Bridges		X	0%	=	\$0		X	0%	=	\$0
Brookhaven ES	5,545,753.00	X	0%	=	\$0	1,367,360.00	X	0%	=	\$0
Brookhaven VFD	550,000.00	X	0%	=	\$0	3,000,000.00	X	0%	=	\$0
Brown Building	1,250,000.00	X	0%	=	\$0	200,000.00	X	0%	=	\$0
Camp Rhododendron		X	0%	=	\$0		X	0%	=	\$0
Chancery Hill Historic District		X	0%	=	\$0		X	0%	=	\$0
Cheat Lake ES	8,245,707.00	X	0%	=	\$0	1,632,219.00	X	0%	=	\$0
Cheat Lake MS	5,868,412.00	X	0%	=	\$0	1,720,593.00	X	0%	=	\$0
Cheat Lake VFD	500,000.00	X	0%	=	\$0	1,500,000.00	X	0%	=	\$0
Chestnut Ridge Hospital	9,135,000.00	X	0%	=	\$0	5,000,000.00	X	0%	=	\$0
Chestnut Ridge Research		X	0%	=	\$0		X	0%	=	\$0
Clay Battelle HS	7,255,832.00	X	0%	=	\$0	1,687,065.00	X	0%	=	\$0
Clinton District VFD		X	0%	=	\$0		X	0%	=	\$0
Cool Spring VFD	548,500.00	X	0%	=	\$0	750,000.00	X	0%	=	\$0
Cooper's Rock State Forest Supt. House	180,000.00	X	0%	=	\$0	20,000.00	X	0%	=	\$0
Covenant Christian School		X	0%	=	\$0		X	0%	=	\$0
Crooked Run #4		X	0%	=	\$0		X	0%	=	\$0
D.I.B. Anderson Farmhouse	264,000.00	X	0%	=	\$0	50,000.00	X	0%	=	\$0
Daybrook ES	117,362.00	X	0%	=	\$0	371,267.00	X	0%	=	\$0

Dents Run Covered Bridge		X	0%	=	\$0		X	0%	=	\$0
Dering Building		X	0%	=	\$0		X	0%	=	\$0
Dorsey Preschool	468,000.00	X	0%	=	\$0	125,275.00	X	0%	=	\$0
Downtown Morgantown Historic District		X	0%	=	\$0		X	0%	=	\$0
Easton ES	1,214,218.00	X	0%	=	\$0	477,708.00	X	0%	=	\$0
Easton Roller Mill	2,000,000.00	X	0%	=	\$0	30,000.00	X	0%	=	\$0
Elizabeth Moore Hall	7,140,119.00	X	0%	=	\$0	7,140,119.00	X	0%	=	\$0
Ford House	78,000.00	X	0%	=	\$0	10,000.00	X	0%	=	\$0
Fort Martin Power Plant		X	0%	=	\$0		X	0%	=	\$0
Fourth Ward School		X	0%	=	\$0		X	0%	=	\$0
GE Specialty Chemicals		X	0%	=	\$0		X	0%	=	\$0
Granville VFD and Police and Town Hall	250,000.00	X	0%	=	\$0	250,000.00	X	0%	=	\$0
Greenmont Historic District		X	0%	=	\$0		X	0%	=	\$0
Hackney House	150,000.00	X	0%	=	\$0	500,000.00	X	0%	=	\$0
Hamilton Farm Petroglyphs		X	0%	=	\$0		X	0%	=	\$0
Harmony Grove Meeting House	105,600.00	X	0%	=	\$0	30,000.00	X	0%	=	\$0
Harner Homestead		X	0%	=	\$0		X	0%	=	\$0
Hartman Run Bridge	4,000,000.00	X	0%	=	\$0		X	0%	=	\$0
Harvey Run #1	5,243,333.00	X	0%	=	\$0		X	0%	=	\$0
HealthSouth Mountain view	11,000,000.00	X	0%	=	\$0	4,500,000.00	X	0%	=	\$0
Henry Clay Furnace	50,000.00	X	0%	=	\$0		X	0%	=	\$0
Hildebrand Lock and Dam	50,000,000.00	X	0%	=	\$0		X	0%	=	\$0
Jakes Run Preschool	1,041,249.00	X	0%	=	\$0	133,484.00	X	0%	=	\$0
Judge Frank Cox House	4,000,000.00	X	0%	=	\$0	100,000.00	X	0%	=	\$0
Kencaid, Arnett, and Flour Bldg.	1,500,000.00	X	0%	=	\$0	250,000.00	X	0%	=	\$0

Kern's Fort	25,000.00	X	0%	=	\$0	10,000.00	X	0%	=	\$0
Lazzelle Union ES	508,501.00	X	0%	=	\$0	49,023.00	X	0%	=	\$0
Lynch Chapel UM Church		X	0%	=	\$0		X	0%	=	\$0
Maranatha Christian Academy		X	0%	=	\$0		X	0%	=	\$0
Mason-Dixon ES	4,649,610.00	X	0%	=	\$0	917,612.00	X	0%	=	\$0
MEC Power Plant	50,000,000.00	X	0%	=	\$0	250,000,000.00	X	0%	=	\$0
MECCA	1,800,000.00	X	0%	=	\$0	1,800,000.00	X	0%	=	\$0
Men's Hall		X	0%	=	\$0		X	0%	=	\$0
Metropolitan Theater	13,755,000.00	X	0%	=	\$0	500,000.00	X	0%	=	\$0
Monongalia County Courthouse	16,332,230.00	X	0%	=	\$0	3,000,000.00	X	0%	=	\$0
Monongalia County Sheriff	16,332,230.00	X	0%	=	\$0	2,773,000.00	X	0%	=	\$0
Monongalia General Hospital	52,000,000.00	X	0%	=	\$0	60,000,000.00	X	0%	=	\$0
Monongalia Schools Transportation	1,250,000.00	X	0%	=	\$0	500,000.00	X	0%	=	\$0
Monongalia Technical Education Center		X	0%	=	\$0		X	0%	=	\$0
Morgantown HS	23,660,349.00	X	0%	=	\$0	5,163,707.00	X	0%	=	\$0
Morgantown Learning Academy		X	0%	=	\$0		X	0%	=	\$0
Morgantown Lock and Dam	40,000,000.00	X	0%	=	\$0		X	0%	=	\$0
Morgantown Municipal Airport	3,479,424.00	X	0%	=	\$0	243,464.00	X	0%	=	\$0
Morgantown Municipal Building		X	0%	=	\$0		X	0%	=	\$0
Morgantown PD	7,557,680.00	X	0%	=	\$0	393,120,000.00	X	0%	=	\$0
Morgantown Public Library		X	0%	=	\$0		X	0%	=	\$0
Morgantown VFD		X	0%	=	\$0		X	0%	=	\$0
Morgantown Wharf Warehouse Historic Dist.		X	0%	=	\$0		X	0%	=	\$0

Mountainview ES	8,770,058.00	X	0%	=	\$0	1,837,634.00	X	0%	=	\$0
MUB WTP	8,380,850.00	X	0%	=	\$0	21,124,750.00	X	0%	=	\$0
MUB WWTP	4,894,200.00	X	0%	=	\$0	40,147,392.00	X	0%	=	\$0
Mylan		X	0%	=	\$0		X	0%	=	\$0
Mylan Park ES		X	0%	=	\$0		X	0%	=	\$0
National Energy Technology Center		X	0%	=	\$0		X	0%	=	\$0
NIOSH/OSHA		X	0%	=	\$0		X	0%	=	\$0
North ES	6,285,965.00	X	0%	=	\$0	1,760,025.00	X	0%	=	\$0
Oglebay Hall	14,468,426.00	X	0%	=	\$0	14,468,426.00	X	0%	=	\$0
Old Morgantown PO	1,500,000.00	X	0%	=	\$0	38,000.00	X	0%	=	\$0
Old Stone House		X	0%	=	\$0		X	0%	=	\$0
Old Watson Homestead		X	0%	=	\$0		X	0%	=	\$0
Opekiska Lock and Dam	35,000,000.00	X	0%	=	\$0		X	0%	=	\$0
PRT Stations		X	0%	=	\$0		X	0%	=	\$0
Purinton House	2,670,600.00	X	0%	=	\$0	267,600.00	X	0%	=	\$0
Railroads	27,514,750.00	X	0%	=	\$0		X	0%	=	\$0
Residential	3,651,920,821.00	X	0%	=	\$0		X	0%	=	\$0
Ridgedale ES	3,532,104.00	X	0%	=	\$0	77,845.00	X	0%	=	\$0
River Rd. VFD		XX	0%	=	\$0		X	0%	=	\$0
Roads	61,677,200.00	X	0%	=	\$0		X	0%	=	\$0
Rogers House	532,000.00	X	0%	=	\$0	20,000.00	X	0%	=	\$0
Scotts Run VFD		X	0%	=	\$0		X	0%	=	\$0
Second Ward Negro School	400,000.00	X	0%	=	\$0	20,000.00	X	0%	=	\$0
Seneca Glass Company Bldg.	2,500,000.00	X	0%	=	\$0	2,000,000.00	X	0%	=	\$0
Skyview ES		X	0%	=	\$0		X	0%	=	\$0
South MS	11,805,779.00	X	0%	=	\$0	2,738,758.00	X	0%	=	\$0
South Park Historic Dist.		X	0%	=	\$0		X	0%	=	\$0
St. Francis Central Catholic	2,200,000.00	X	0%	=	\$0	2,200,000.00	X	0%	=	\$0
St. Mary's Orthodox Church	1,000,000.00	X	0%	=	\$0	3,000,000.00	X	0%	=	\$0

Stalnaker Hall	31,145,563.00	X	0%	=	\$0	31,145,563.00	X	0%	=	\$0
Star City PD	1,950,000.00	X	0%	=	\$0	120,000.00	X	0%	=	\$0
Star City VFD	2,000,000.00	X	0%	=	\$0	7,000,000.00	X	0%	=	\$0
Stewart Hall	7,681,000.00	X	0%	=	\$0	7,681,000.00	X	0%	=	\$0
Suncrest MS	8,534,947.00	X	0%	=	\$0	1,504,600.00	X	0%	=	\$0
Suncrest PS		X	0%	=	\$0		X	0%	=	\$0
Swanson Plating	8,000,000.00	X	0%	=	\$0	20,000,000.00	X	0%	=	\$0
Trinity Christian School		X	0%	=	\$0		X	0%	=	\$0
Triune-Halleck VFD	250,000.00	X	0%	=	\$0	350,000.00	X	0%	=	\$0
University HS	13,464,860.00	X	0%	=	\$0	3,355,504.00	X	0%	=	\$0
Upper Deckers #4		X	0%	=	\$0		X	0%	=	\$0
Vance Farmhouse	138,600.00	X	0%	=	\$0	100,000.00	X	0%	=	\$0
Wadestown VFD	500,000.00	X	0%	=	\$0	500,000.00	X	0%	=	\$0
Waitman T. Willey House	800,000.00	X	0%	=	\$0	250,000.00	X	0%	=	\$0
Walters House	442,750.00	X	0%	=	\$0	200,000.00	X	0%	=	\$0
West Virginia University	1,867,156,000.00	X	0%	=	\$0	500,000,000.00	X	0%	=	\$0
Westover City Hall		X	0%	=	\$0		X	0%	=	\$0
Westover PD		X	0%	=	\$0		X	0%	=	\$0
Westover VFD	150,000.00	X	0%	=	\$0	1,500,000.00	X	0%	=	\$0
Westwood MS	8,519,979.00	X	0%	=	\$0	1,942,446.00	X	0%	=	\$0
Women's Christian Temperance Union Comm. Bldg.	730,000.00	X	0%	=	\$0	200,000.00	X	0%	=	\$0
Woodburn ES	2,203,093.00	X	0%	=	\$0	645,921.00	X	0%	=	\$0
Woodburn Hall	11,144,200.00	X	0%	=	\$0	5,000,000.00	X	0%	=	\$0
WV State Police	500,000.00	X	0%	=	\$0	500,000.00	X	0%	=	\$0
WVU Hospital (Ruby Memorial)	55,100,000.00	X	0%	=	\$0	100,000,000.00	X	0%	=	\$0
					\$0					\$0

**Hazard: Drought (Monongalia County)**

Name/Description of Asset	Structure Use and Function Loss									Structure + Contents + Function Loss
	Average Daily Operating Budget (\$)	X	Functional Downtime (# of days)	+	Displacement Cost per Day (\$)	X	Displacement Time (Days)	=	Structure Use & Function Loss (\$)	
Alexander Wade House		X	0	+		X	0	=	\$0	\$0
Alliance Christian School		X	0	+		X	0	=	\$0	\$0
Blacksville No. 2 Mine		X	0	+		X	0	=	\$0	\$0
Blacksville VFD		X	0	+		X	0	=	\$0	\$0
Bridges		X	0	+		X	0	=	\$0	\$0
Brookhaven ES	\$5,900	X	0	+	\$5,900	X	0	=	\$0	\$0
Brookhaven VFD	\$400	X	0	+	\$400	X	0	=	\$0	\$0
Brown Building	\$1,370	X	0	+	\$1,370	X	0	=	\$0	\$0
Camp Rhododendron		X	0	+		X	0	=	\$0	\$0
Chancery Hill Historic District		X	0	+		X	0	=	\$0	\$0
Cheat Lake ES	\$7,600	X	0	+	\$7,600	X	0	=	\$0	\$0
Cheat Lake MS	\$7,900	X	0	+	\$7,900	X	0	=	\$0	\$0
Cheat Lake VFD	\$450	X	0	+	\$450	X	0	=	\$0	\$0
Chestnut Ridge Hospital	\$13,700	X	0	+	\$13,700	X	0	=	\$0	\$0
Chestnut Ridge Research		X	0	+		X	0	=	\$0	\$0
Clay Battelle HS	\$5,200	X	0	+	\$5,200	X	0	=	\$0	\$0
Clinton District VFD		X	0	+		X	0	=	\$0	\$0
Cool Spring VFD	\$550	X	0	+	\$550	X	0	=	\$0	\$0
Cooper's Rock State Forest Supt. House	\$100	X	0	+	\$100	X	0	=	\$0	\$0
Covenant Christian School		X	0	+		X	0	=	\$0	\$0
Crooked Run #4		X	0	+		X	0	=	\$0	\$0
D.I.B. Anderson Farmhouse		X	0	+		X	0	=	\$0	\$0
Daybrook ES	\$1,400	X	0	+	\$1,400	X	0	=	\$0	\$0

Dents Run Covered Bridge		X	0	+		X	0	=	\$0	\$0
Dering Building		X	0	+		X	0	=	\$0	\$0
Dorsey Preschool	\$3,450	X	0	+	\$3,450	X	0	=	\$0	\$0
Downtown Morgantown Historic District		X	0	+		X	0	=	\$0	\$0
Easton ES	\$1,800	X	0	+	\$1,800	X	0	=	\$0	\$0
Easton Roller Mill	\$0	X	0	+	\$0	X	0	=	\$0	\$0
Elizabeth Moore Hall	\$2,100	X	0	+	\$2,100	X	0	=	\$0	\$0
Ford House	\$5	X	0	+	\$5	X	0	=	\$0	\$0
Fort Martin Power Plant		X	0	+		X	0	=	\$0	\$0
Fourth Ward School		X	0	+		X	0	=	\$0	\$0
GE Specialty Chemicals		X	0	+		X	0	=	\$0	\$0
Granville VFD and Police and Town Hall	\$6,868	X	0	+	\$6,868	X	0	=	\$0	\$0
Greenmont Historic District		X	0	+		X	0	=	\$0	\$0
Hackney House	\$400	X	0	+	\$400	X	0	=	\$0	\$0
Hamilton Farm Petroglyphs		X	0	+		X	0	=	\$0	\$0
Harmony Grove Meeting House	\$5	X	0	+	\$5	X	0	=	\$0	\$0
Harner Homestead		X	0	+		X	0	=	\$0	\$0
Hartman Run Bridge		X	0	+		X	0	=	\$0	\$0
Harvey Run #1		X	0	+		X	0	=	\$0	\$0
HealthSouth Mountain view	\$27,000	X	0	+	\$27,000	X	0	=	\$0	\$0
Henry Clay Furnace		X	0	+		X	0	=	\$0	\$0
Hildebrand Lock and Dam	\$200,000	X	0	+	\$200,000	X	0	=	\$0	\$0
Jakes Run Preschool	\$300	X	0	+	\$300	X	0	=	\$0	\$0
Judge Frank Cox House	\$2,200	X	0	+	\$2,200	X	0	=	\$0	\$0
Kencaid, Arnett, and Flour Bldg.	\$680	X	0	+	\$680	X	0	=	\$0	\$0



Mountainview ES	\$8,750	X	0	+	\$8,750	X	0	=	\$0	\$0
MUB WTP	\$3,429	X	0	+	\$3,429	X	0	=	\$0	\$0
MUB WWTP	\$3,198	X	0	+	\$3,198	X	0	=	\$0	\$0
Mylan		X	0	+		X	0	=	\$0	\$0
Mylan Park ES		X	0	+		X	0	=	\$0	\$0
National Energy Technology Center		X	0	+		X	0	=	\$0	\$0
NIOSH/OSHA		X	0	+		X	0	=	\$0	\$0
North ES	\$8,750	X	0	+	\$8,750	X	0	=	\$0	\$0
Oglebay Hall	\$6,500	X	0	+	\$6,500	X	0	=	\$0	\$0
Old Morgantown PO	\$27	X	0	+	\$27	X	0	=	\$0	\$0
Old Stone House		X	0	+		X	0	=	\$0	\$0
Old Watson Homestead		X	0	+		X	0	=	\$0	\$0
Opekiska Lock and Dam	\$200,000	X	0	+	\$200,000	X	0	=	\$0	\$0
PRT Stations		X	0	+		X	0	=	\$0	\$0
Purinton House	\$650	X	0	+	\$650	X	0	=	\$0	\$0
Railroads		X	0	+		X	0	=	\$0	\$0
Residential		X	0	+		X	0	=	\$0	\$0
Ridgedale ES	\$3,600	X	0	+	\$3,600	X	0	=	\$0	\$0
River Rd. VFD		X	0	+		X	0	=	\$0	\$0
Roads		X	0	+		X	0	=	\$0	\$0
Rogers House	\$10	X	0	+	\$10	X	0	=	\$0	\$0
Scotts Run VFD		X	0	+		X	0	=	\$0	\$0
Second Ward Negro School	\$13	X	0	+	\$13	X	0	=	\$0	\$0
Seneca Glass Company Bldg.	\$2,700	X	0	+	\$2,700	X	0	=	\$0	\$0
Skyview ES		X	0	+		X	0	=	\$0	\$0
South MS	\$11,000	X	0	+	\$11,000	X	0	=	\$0	\$0
South Park Historic Dist.		X	0	+		X	0	=	\$0	\$0
St. Francis Central Catholic	\$135,000	X	0	+	\$135,000	X	0	=	\$0	\$0
St. Mary's Orthodox Church	\$135	X	0	+	\$135	X	0	=	\$0	\$0



**Hazard: Dam Failure (Monongalia County)**

Name/Description of Asset	Structure Loss					Contents Loss				
	Structure Replacement Value (\$)	X	Percent Damage (%)	=	Loss to Structure (\$)	Replacement Value of Contents (\$)	X	Percent Damage (%)	=	Loss to Contents (\$)
Alexander Wade House		X	0%	=	\$0		X	0%	=	\$0
Alliance Christian School		X	0%	=	\$0		X	0%	=	\$0
Blacksville No. 2 Mine	192,000.00	X	0%	=	\$0		X	0%	=	\$0
Blacksville VFD		X	0%	=	\$0		X	0%	=	\$0
Bridges		X	0%	=	\$0		X	0%	=	\$0
Brookhaven ES	5,545,753.00	X	0%	=	\$0	1,367,360.00	X	0%	=	\$0
Brookhaven VFD	550,000.00	X	0%	=	\$0	3,000,000.00	X	0%	=	\$0
Brown Building	1,250,000.00	X	0%	=	\$0	200,000.00	X	0%	=	\$0
Camp Rhododendron		X	0%	=	\$0		X	0%	=	\$0
Chancery Hill Historic District		X	0%	=	\$0		X	0%	=	\$0
Cheat Lake ES	8,245,707.00	X	0%	=	\$0	1,632,219.00	X	0%	=	\$0
Cheat Lake MS	5,868,412.00	X	0%	=	\$0	1,720,593.00	X	0%	=	\$0
Cheat Lake VFD	500,000.00	X	0%	=	\$0	1,500,000.00	X	0%	=	\$0
Chestnut Ridge Hospital	9,135,000.00	X	0%	=	\$0	5,000,000.00	X	0%	=	\$0
Chestnut Ridge Research		X	0%	=	\$0		X	0%	=	\$0
Clay Battelle HS	7,255,832.00	X	0%	=	\$0	1,687,065.00	X	0%	=	\$0
Clinton District VFD		X	0%	=	\$0		X	0%	=	\$0
Cool Spring VFD	548,500.00	X	0%	=	\$0	750,000.00	X	0%	=	\$0
Cooper's Rock State Forest Supt. House	180,000.00	X	0%	=	\$0	20,000.00	X	0%	=	\$0
Covenant Christian School		X	0%	=	\$0		X	0%	=	\$0
Crooked Run #4		X	0%	=	\$0		X	0%	=	\$0
D.I.B. Anderson Farmhouse	264,000.00	X	0%	=	\$0	50,000.00	X	0%	=	\$0
Daybrook ES	117,362.00	X	0%	=	\$0	371,267.00	X	0%	=	\$0

Dents Run Covered Bridge		X	0%	=	\$0		X	0%	=	\$0
Dering Building		X	0%	=	\$0		X	0%	=	\$0
Dorsey Preschool	468,000.00	X	0%	=	\$0	125,275.00	X	0%	=	\$0
Downtown Morgantown Historic District		X	0%	=	\$0		X	0%	=	\$0
Easton ES	1,214,218.00	X	0%	=	\$0	477,708.00	X	0%	=	\$0
Easton Roller Mill	2,000,000.00	X	0%	=	\$0	30,000.00	X	0%	=	\$0
Elizabeth Moore Hall	7,140,119.00	X	0%	=	\$0	7,140,119.00	X	0%	=	\$0
Ford House	78,000.00	X	0%	=	\$0	10,000.00	X	0%	=	\$0
Fort Martin Power Plant		X	1%	=	\$0		X	1%	=	\$0
Fourth Ward School		X	0%	=	\$0		X	0%	=	\$0
GE Specialty Chemicals		X	1%	=	\$0		X	1%	=	\$0
Granville VFD and Police and Town Hall	250,000.00	X	1%	=	\$2,500	250,000.00	X	1%	=	\$2,500
Greenmont Historic District		X	0%	=	\$0		X	0%	=	\$0
Hackney House	150,000.00	X	0%	=	\$0	500,000.00	X	0%	=	\$0
Hamilton Farm Petroglyphs		X	0%	=	\$0		X	0%	=	\$0
Harmony Grove Meeting House	105,600.00	X	0%	=	\$0	30,000.00	X	0%	=	\$0
Harner Homestead		X	0%	=	\$0		X	0%	=	\$0
Hartman Run Bridge	4,000,000.00	X	0%	=	\$0		X	0%	=	\$0
Harvey Run #1	5,243,333.00	X	0%	=	\$0		X	0%	=	\$0
HealthSouth Mountain view	11,000,000.00	X	0%	=	\$0	4,500,000.00	X	0%	=	\$0
Henry Clay Furnace	50,000.00	X	0%	=	\$0		X	0%	=	\$0
Hildebrand Lock and Dam	50,000,000.00	X	10%	=	\$5,000,000		X	10%	=	\$0
Jakes Run Preschool	1,041,249.00	X	0%	=	\$0	133,484.00	X	0%	=	\$0
Judge Frank Cox House	4,000,000.00	X	0%	=	\$0	100,000.00	X	0%	=	\$0
Kencaid, Arnett, and Flour Bldg.	1,500,000.00	X	0%	=	\$0	250,000.00	X	0%	=	\$0

Kern's Fort	25,000.00	X	0%	=	\$0	10,000.00	X	0%	=	\$0
Lazzelle Union ES	508,501.00	X	0%	=	\$0	49,023.00	X	0%	=	\$0
Lynch Chapel UM Church		X	0%	=	\$0		X	0%	=	\$0
Maranatha Christian Academy		X	0%	=	\$0		X	0%	=	\$0
Mason-Dixon ES	4,649,610.00	X	0%	=	\$0	917,612.00	X	0%	=	\$0
MEC Power Plant	50,000,000.00	X	0%	=	\$0	250,000,000.00	X	0%	=	\$0
MECCA	1,800,000.00	X	0%	=	\$0	1,800,000.00	X	0%	=	\$0
Men's Hall		X	0%	=	\$0		X	0%	=	\$0
Metropolitan Theater	13,755,000.00	X	0%	=	\$0	500,000.00	X	0%	=	\$0
Monongalia County Courthouse	16,332,230.00	X	0%	=	\$0	3,000,000.00	X	0%	=	\$0
Monongalia County Sheriff	16,332,230.00	X	0%	=	\$0	2,773,000.00	X	0%	=	\$0
Monongalia General Hospital	52,000,000.00	X	0%	=	\$0	60,000,000.00	X	0%	=	\$0
Monongalia Schools Transportation	1,250,000.00	X	0%	=	\$0	500,000.00	X	0%	=	\$0
Monongalia Technical Education Center		X	0%	=	\$0		X	0%	=	\$0
Morgantown HS	23,660,349.00	X	0%	=	\$0	5,163,707.00	X	0%	=	\$0
Morgantown Learning Academy		X	0%	=	\$0		X	0%	=	\$0
Morgantown Lock and Dam	40,000,000.00	X	10%	=	\$4,000,000		X	10%	=	\$0
Morgantown Municipal Airport	3,479,424.00	X	0%	=	\$0	243,464.00	X	0%	=	\$0
Morgantown Municipal Building		X	0%	=	\$0		X	0%	=	\$0
Morgantown PD	7,557,680.00	X	0%	=	\$0	393,120,000.00	X	0%	=	\$0
Morgantown Public Library		X	0%	=	\$0		X	0%	=	\$0
Morgantown VFD		X	0%	=	\$0		X	0%	=	\$0
Morgantown Wharf Warehouse Historic Dist.		X	10%	=	\$0		X	0%	=	\$0

Mountainview ES	8,770,058.00	X	0%	=	\$0	1,837,634.00	X	0%	=	\$0
MUB WTP	8,380,850.00	X	1%	=	\$83,809	21,124,750.00	X	1%	=	\$211,248
MUB WWTP	4,894,200.00	X	1%	=	\$48,942	40,147,392.00	X	1%	=	\$401,474
Mylan		X	0%	=	\$0		X	0%	=	\$0
Mylan Park ES		X	0%	=	\$0		X	0%	=	\$0
National Energy Technology Center		X	0%	=	\$0		X	0%	=	\$0
NIOSH/OSHA		X	0%	=	\$0		X	0%	=	\$0
North ES	6,285,965.00	X	0%	=	\$0	1,760,025.00	X	0%	=	\$0
Oglebay Hall	14,468,426.00	X	0%	=	\$0	14,468,426.00	X	0%	=	\$0
Old Morgantown PO	1,500,000.00	X	0%	=	\$0	38,000.00	X	0%	=	\$0
Old Stone House		X	0%	=	\$0		X	0%	=	\$0
Old Watson Homestead		X	0%	=	\$0		X	0%	=	\$0
Opekiska Lock and Dam	35,000,000.00	X	10%	=	\$3,500,000		X	10%	=	\$0
PRT Stations		X	0%	=	\$0		X	0%	=	\$0
Purinton House	2,670,600.00	X	0%	=	\$0	267,600.00	X	0%	=	\$0
Railroads	27,514,750.00	X	10%	=	\$2,751,475		X	0%	=	\$0
Residential	3,651,920,821.00	X	2%	=	\$73,038,416		X	2%	=	\$0
Ridgedale ES	3,532,104.00	X	0%	=	\$0	77,845.00	X	0%	=	\$0
River Rd. VFD		XX	1%	=	\$0		X	1%	=	\$0
Roads	61,677,200.00	X	1%	=	\$616,772		X	0%	=	\$0
Rogers House	532,000.00	X	0%	=	\$0	20,000.00	X	0%	=	\$0
Scotts Run VFD		X	0%	=	\$0		X	0%	=	\$0
Second Ward Negro School	400,000.00	X	0%	=	\$0	20,000.00	X	0%	=	\$0
Seneca Glass Company Bldg.	2,500,000.00	X	1%	=	\$25,000	2,000,000.00	X	1%	=	\$20,000
Skyview ES		X	0%	=	\$0		X	0%	=	\$0
South MS	11,805,779.00	X	0%	=	\$0	2,738,758.00	X	0%	=	\$0
South Park Historic Dist.		X	0%	=	\$0		X	0%	=	\$0
St. Francis Central Catholic	2,200,000.00	X	0%	=	\$0	2,200,000.00	X	0%	=	\$0
St. Mary's Orthodox Church	1,000,000.00	X	0%	=	\$0	3,000,000.00	X	0%	=	\$0

Stalnaker Hall	31,145,563.00	X	0%	=	\$0	31,145,563.00	X	0%	=	\$0
Star City PD	1,950,000.00	X	0%	=	\$0	120,000.00	X	0%	=	\$0
Star City VFD	2,000,000.00	X	0%	=	\$0	7,000,000.00	X	0%	=	\$0
Stewart Hall	7,681,000.00	X	0%	=	\$0	7,681,000.00	X	0%	=	\$0
Suncrest MS	8,534,947.00	X	0%	=	\$0	1,504,600.00	X	0%	=	\$0
Suncrest PS		X	0%	=	\$0		X	0%	=	\$0
Swanson Plating	8,000,000.00	X	0%	=	\$0	20,000,000.00	X	0%	=	\$0
Trinity Christian School		X	0%	=	\$0		X	0%	=	\$0
Triune-Halleck VFD	250,000.00	X	0%	=	\$0	350,000.00	X	0%	=	\$0
University HS	13,464,860.00	X	0%	=	\$0	3,355,504.00	X	0%	=	\$0
Upper Deckers #4		X	0%	=	\$0		X	0%	=	\$0
Vance Farmhouse	138,600.00	X	0%	=	\$0	100,000.00	X	0%	=	\$0
Wadestown VFD	500,000.00	X	0%	=	\$0	500,000.00	X	0%	=	\$0
Waitman T. Willey House	800,000.00	X	0%	=	\$0	250,000.00	X	0%	=	\$0
Walters House	442,750.00	X	0%	=	\$0	200,000.00	X	0%	=	\$0
West Virginia University	1,867,156,000.00	X	1%	=	\$18,671,560	500,000,000.00	X	1%	=	\$5,000,000
Westover City Hall		X	0%	=	\$0		X	0%	=	\$0
Westover PD		X	0%	=	\$0		X	0%	=	\$0
Westover VFD	150,000.00	X	0%	=	\$0	1,500,000.00	X	0%	=	\$0
Westwood MS	8,519,979.00	X	0%	=	\$0	1,942,446.00	X	0%	=	\$0
Women's Christian Temperance Union Comm. Bldg.	730,000.00	X	0%	=	\$0	200,000.00	X	0%	=	\$0
Woodburn ES	2,203,093.00	X	0%	=	\$0	645,921.00	X	0%	=	\$0
Woodburn Hall	11,144,200.00	X	0%	=	\$0	5,000,000.00	X	0%	=	\$0
WV State Police	500,000.00	X	0%	=	\$0	500,000.00	X	0%	=	\$0
WVU Hospital (Ruby Memorial)	55,100,000.00	X	0%	=	\$0	100,000,000.00	X	0%	=	\$0
					\$107,738,474					\$5,635,221

**Hazard: Dam Failure (Monongalia County)**

Name/Description of Asset	Structure Use and Function Loss									Structure + Contents + Function Loss
	Average Daily Operating Budget (\$)	X	Functional Downtime (# of days)	+	Displacement Cost per Day (\$)	X	Displacement Time (Days)	=	Structure Use & Function Loss (\$)	
Alexander Wade House		X	0	+		X	0	=	\$0	\$0
Alliance Christian School		X	0	+		X	0	=	\$0	\$0
Blacksville No. 2 Mine		X	0	+		X	0	=	\$0	\$0
Blacksville VFD		X	0	+		X	0	=	\$0	\$0
Bridges		X	0	+		X	0	=	\$0	\$0
Brookhaven ES	\$5,900	X	0	+	\$5,900	X	0	=	\$0	\$0
Brookhaven VFD	\$400	X	0	+	\$400	X	0	=	\$0	\$0
Brown Building	\$1,370	X	0	+	\$1,370	X	0	=	\$0	\$0
Camp Rhododendron		X	0	+		X	0	=	\$0	\$0
Chancery Hill Historic District		X	0	+		X	0	=	\$0	\$0
Cheat Lake ES	\$7,600	X	0	+	\$7,600	X	0	=	\$0	\$0
Cheat Lake MS	\$7,900	X	0	+	\$7,900	X	0	=	\$0	\$0
Cheat Lake VFD	\$450	X	0	+	\$450	X	0	=	\$0	\$0
Chestnut Ridge Hospital	\$13,700	X	0	+	\$13,700	X	0	=	\$0	\$0
Chestnut Ridge Research		X	0	+		X	0	=	\$0	\$0
Clay Battelle HS	\$5,200	X	0	+	\$5,200	X	0	=	\$0	\$0
Clinton District VFD		X	0	+		X	0	=	\$0	\$0
Cool Spring VFD	\$550	X	0	+	\$550	X	0	=	\$0	\$0
Cooper's Rock State Forest Supt. House	\$100	X	0	+	\$100	X	0	=	\$0	\$0
Covenant Christian School		X	0	+		X	0	=	\$0	\$0
Crooked Run #4		X	0	+		X	0	=	\$0	\$0
D.I.B. Anderson Farmhouse		X	0	+		X	0	=	\$0	\$0
Daybrook ES	\$1,400	X	0	+	\$1,400	X	0	=	\$0	\$0

Dents Run Covered Bridge		X	0	+		X	0	=	\$0	\$0
Dering Building		X	0	+		X	0	=	\$0	\$0
Dorsey Preschool	\$3,450	X	0	+	\$3,450	X	0	=	\$0	\$0
Downtown Morgantown Historic District		X	0	+		X	0	=	\$0	\$0
Easton ES	\$1,800	X	0	+	\$1,800	X	0	=	\$0	\$0
Easton Roller Mill	\$0	X	0	+	\$0	X	0	=	\$0	\$0
Elizabeth Moore Hall	\$2,100	X	0	+	\$2,100	X	0	=	\$0	\$0
Ford House	\$5	X	0	+	\$5	X	0	=	\$0	\$0
Fort Martin Power Plant		X	0	+		X	0	=	\$0	\$0
Fourth Ward School		X	0	+		X	0	=	\$0	\$0
GE Specialty Chemicals		X	0	+		X	0	=	\$0	\$0
Granville VFD and Police and Town Hall	\$6,868	X	0	+	\$6,868	X	0	=	\$0	\$5,000
Greenmont Historic District		X	0	+		X	0	=	\$0	\$0
Hackney House	\$400	X	0	+	\$400	X	0	=	\$0	\$0
Hamilton Farm Petroglyphs		X	0	+		X	0	=	\$0	\$0
Harmony Grove Meeting House	\$5	X	0	+	\$5	X	0	=	\$0	\$0
Harner Homestead		X	0	+		X	0	=	\$0	\$0
Hartman Run Bridge		X	0	+		X	0	=	\$0	\$0
Harvey Run #1		X	0	+		X	0	=	\$0	\$0
HealthSouth Mountain view	\$27,000	X	0	+	\$27,000	X	0	=	\$0	\$0
Henry Clay Furnace		X	0	+		X	0	=	\$0	\$0
Hildebrand Lock and Dam	\$200,000	X	10	+	\$200,000	X	0	=	\$2,000,000	\$7,000,000
Jakes Run Preschool	\$300	X	0	+	\$300	X	0	=	\$0	\$0
Judge Frank Cox House	\$2,200	X	0	+	\$2,200	X	0	=	\$0	\$0
Kencaid, Arnett, and Flour Bldg.	\$680	X	0	+	\$680	X	0	=	\$0	\$0

Kern's Fort	\$6	X	0	+	\$6	X	0	=	\$0	\$0
Lazzelle Union ES	\$1,350	X	0	+	\$1,350	X	0	=	\$0	\$0
Lynch Chapel UM Church		X	0	+		X	0	=	\$0	\$0
Maranatha Christian Academy		X	0	+		X	0	=	\$0	\$0
Mason-Dixon ES	\$5,000	X	0	+	\$5,000	X	0	=	\$0	\$0
MEC Power Plant	\$685,000	X	0	+	\$685,000	X	0	=	\$0	\$0
MECCA		X	0	+		X	0	=	\$0	\$0
Men's Hall		X	0	+		X	0	=	\$0	\$0
Metropolitan Theater	\$10,000	X	0	+	\$10,000	X	0	=	\$0	\$0
Monongalia County Courthouse	\$90,411	X	0	+	\$90,411	X	0	=	\$0	\$0
Monongalia County Sheriff	\$10,098	X	0	+	\$10,098	X	0	=	\$0	\$0
Monongalia General Hospital	\$110,000	X	0	+	\$110,000	X	0	=	\$0	\$0
Monongalia Schools Transportation	\$11,780,822	X	0	+	\$11,780,822	X	0	=	\$0	\$0
Monongalia Technical Education Center		X	0	+		X	0	=	\$0	\$0
Morgantown HS	\$22,100	X	0	+	\$22,100	X	0	=	\$0	\$0
Morgantown Learning Academy		X	0	+		X	0	=	\$0	\$0
Morgantown Lock and Dam	\$200,000	X	10	+	\$200,000	X	0	=	\$2,000,000	\$6,000,000
Morgantown Municipal Airport	\$7,756	X	0	+	\$7,756	X	0	=	\$0	\$0
Morgantown Municipal Building		X	0	+		X	0	=	\$0	\$0
Morgantown PD	\$30,466,000	X	0	+	\$30,466,000	X	0	=	\$0	\$0
Morgantown Public Library		X	0	+		X	0	=	\$0	\$0
Morgantown VFD		X	0	+		X	0	=	\$0	\$0
Morgantown Wharf Warehouse Historic Dist.		X	0	+		X	0	=	\$0	\$0

Mountainview ES	\$8,750	X	0	+	\$8,750	X	0	=	\$0	\$0
MUB WTP	\$3,429	X	0	+	\$3,429	X	0	=	\$0	\$295,056
MUB WWTP	\$3,198	X	0	+	\$3,198	X	0	=	\$0	\$450,416
Mylan		X	0	+		X	0	=	\$0	\$0
Mylan Park ES		X	0	+		X	0	=	\$0	\$0
National Energy Technology Center		X	0	+		X	0	=	\$0	\$0
NIOSH/OSHA		X	0	+		X	0	=	\$0	\$0
North ES	\$8,750	X	0	+	\$8,750	X	0	=	\$0	\$0
Oglebay Hall	\$6,500	X	0	+	\$6,500	X	0	=	\$0	\$0
Old Morgantown PO	\$27	X	0	+	\$27	X	0	=	\$0	\$0
Old Stone House		X	0	+		X	0	=	\$0	\$0
Old Watson Homestead		X	0	+		X	0	=	\$0	\$0
Opekiska Lock and Dam	\$200,000	X	10	+	\$200,000	X	0	=	\$2,000,000	\$5,500,000
PRT Stations		X	0	+		X	0	=	\$0	\$0
Purinton House	\$650	X	0	+	\$650	X	0	=	\$0	\$0
Railroads		X	0	+		X	0	=	\$0	\$2,751,475
Residential		X	0	+		X	0	=	\$0	\$73,038,416
Ridgedale ES	\$3,600	X	0	+	\$3,600	X	0	=	\$0	\$0
River Rd. VFD		X	0	+		X	0	=	\$0	\$0
Roads		X	0	+		X	0	=	\$0	\$616,772
Rogers House	\$10	X	0	+	\$10	X	0	=	\$0	\$0
Scotts Run VFD		X	0	+		X	0	=	\$0	\$0
Second Ward Negro School	\$13	X	0	+	\$13	X	0	=	\$0	\$0
Seneca Glass Company Bldg.	\$2,700	X	0	+	\$2,700	X	0	=	\$0	\$45,000
Skyview ES		X	0	+		X	0	=	\$0	\$0
South MS	\$11,000	X	0	+	\$11,000	X	0	=	\$0	\$0
South Park Historic Dist.		X	0	+		X	0	=	\$0	\$0
St. Francis Central Catholic	\$135,000	X	0	+	\$135,000	X	0	=	\$0	\$0
St. Mary's Orthodox Church	\$135	X	0	+	\$135	X	0	=	\$0	\$0

Stalnaker Hall	\$9,800	X	0	+	\$9,800	X	0	=	\$0	\$0
Star City PD	\$320	X	0	+	\$320	X	0	=	\$0	\$0
Star City VFD	\$192	X	0	+	\$192	X	0	=	\$0	\$0
Stewart Hall	\$4,300	X	0	+	\$4,300	X	0	=	\$0	\$0
Suncrest MS	\$5,450	X	0	+	\$5,450	X	0	=	\$0	\$0
Suncrest PS		X	0	+		X	0	=	\$0	\$0
Swanson Plating	\$54,000	X	0	+	\$54,000	X	0	=	\$0	\$0
Trinity Christian School		X	0	+		X	0	=	\$0	\$0
Triune-Halleck VFD	\$150	X	0	+	\$150	X	0	=	\$0	\$0
University HS	\$17,700	X	0	+	\$17,700	X	0	=	\$0	\$0
Upper Deckers #4		X	0	+		X	0	=	\$0	\$0
Vance Farmhouse	\$50	X	0	+	\$50	X	0	=	\$0	\$0
Wadestown VFD	\$340	X	0	+	\$340	X	0	=	\$0	\$0
Waitman T. Willey House	\$25	X	0	+	\$25	X	0	=	\$0	\$0
Walters House	\$20	X	0	+	\$20	X	0	=	\$0	\$0
West Virginia University	\$13,200,000	X	0	+	\$13,200,000	X	0	=	\$0	\$23,671,560
Westover City Hall		X	0	+		X	0	=	\$0	\$0
Westover PD		X	0	+		X	0	=	\$0	\$0
Westover VFD	\$250	X	0	+	\$250	X	0	=	\$0	\$0
Westwood MS	\$6,700	X	0	+	\$6,700	X	0	=	\$0	\$0
Women's Christian Temperance Union Comm. Bldg.	\$138	X	0	+	\$138	X	0	=	\$0	\$0
Woodburn ES	\$2,750	X	0	+	\$2,750	X	0	=	\$0	\$0
Woodburn Hall	\$13,500	X	0	+	\$13,500	X	0	=	\$0	\$0
WV State Police	\$1,300	X	0	+	\$1,300	X	0	=	\$0	\$0
WVU Hospital (Ruby Memorial)	\$273,000	X	0	+	\$273,000	X	0	=	\$0	\$0
									\$6,000,000	\$119,373,695

# **PRESTON COUNTY**

**Hazard: Dam Failure**

Type of Structure (Occupancy Class)	Number of Structures			Value of Structures			Number of People		
	# in Community or State	# in Hazard Area	% in Hazard Area	\$ in Community or State	\$ in Hazard Area	% in Hazard Area	# in Community or State	# in Hazard Area	% in Hazard Area
<i>Residential</i>	15,097	2,319	15%	\$1,324,006,900	\$198,601,035	15%	33,520	5,028	15%
<i>Commercial</i>	509	78	15%	\$127,250,000	\$19,087,500	15%	3,970	596	15%
<i>Industrial</i>	64	10	16%	\$128,000,000	\$20,480,000	16%	501	80	16%
<i>Agricultural</i>	1,048	161	15%	\$13,931,064	\$2,089,660	15%	1,533	230	15%
<i>Religious/Non-Profit</i>	118	18	15%	\$17,700,000	\$2,655,000	15%	5,900	885	15%
<i>Government</i>	50	0	0%	\$75,000,000	\$0	0%	2,294	0	0%
<i>Education</i>	12	0	0%	\$62,000,000	\$0	0%	4,826	0	0%
<i>Utilities</i>	30	5	17%	\$45,000,000	\$7,650,000	17%	201	34	17%
<b>Total</b>	<b>16,928</b>	<b>2,591</b>	<b>15%</b>	<b>\$1,792,887,964</b>	<b>\$250,563,195</b>	<b>14%</b>	<b>52,745</b>	<b>6,853</b>	<b>13%</b>

- |   | Yes | No |
|---|-----|----|
| 1. Do you know where your greatest damages may occur in your hazard areas?  | X   |    |
| 2. Do you know whether your critical facilities will be operational after a hazard event?   | X   |    |
| 3. Is there enough data to determine which assets are subject to the greatest potential damages?  | X   |    |
| 4. Is there enough data to determine whether significant elements of the community are vulnerable to potential hazards?   | X   |    |
| 5. Is there enough data to determine whether certain areas of historic, environmental, political, or cultural significance are vulnerable to potential hazards? | X   |    |
| 6. Is there concern about a particular hazard because of its severity, repetitiveness, or likelihood of occurrence?   | X   |    |
| 7. Is additional data needed to justify the expenditure of community or state funds for mitigation initiatives?   |     | X  |

**Hazard: Drought**

Type of Structure (Occupancy Class)	Number of Structures			Value of Structures			Number of People		
	# in Community or State	# in Hazard Area	% in Hazard Area	\$ in Community or State	\$ in Hazard Area	% in Hazard Area	# in Community or State	# in Hazard Area	% in Hazard Area
<i>Residential</i>	15,097	0	0%	\$1,324,006,900	\$0	0%	33,520	0	0%
<i>Commercial</i>	509	0	0%	\$127,250,000	\$0	0%	3,970	0	0%
<i>Industrial</i>	64	0	0%	\$128,000,000	\$0	0%	501	0	0%
<i>Agricultural</i>	1,048	1,048	100%	\$13,931,064	\$13,931,064	100%	1,533	1,533	100%
<i>Religious/Non-Profit</i>	118	0	0%	\$17,700,000	\$0	0%	5,900	0	0%
<i>Government</i>	50	0	0%	\$75,000,000	\$0	0%	2,294	0	0%
<i>Education</i>	12	0	0%	\$62,000,000	\$0	0%	4,826	0	0%
<i>Utilities</i>	30	10	33%	\$45,000,000	\$14,850,000	33%	201	66	33%
<b>Total</b>	<b>16,928</b>	<b>1,058</b>	<b>6%</b>	<b>\$1,792,887,964</b>	<b>\$28,781,064</b>	<b>2%</b>	<b>52,745</b>	<b>1,599</b>	<b>3%</b>

	Yes	No
1. Do you know where your greatest damages may occur in your hazard areas?	<input checked="" type="checkbox"/>	
2. Do you know whether your critical facilities will be operational after a hazard event?	<input checked="" type="checkbox"/>	
3. Is there enough data to determine which assets are subject to the greatest potential damages?	<input checked="" type="checkbox"/>	
4. Is there enough data to determine whether significant elements of the community are vulnerable to potential hazards?	<input checked="" type="checkbox"/>	
5. Is there enough data to determine whether certain areas of historic, environmental, political, or cultural significance are vulnerable to potential hazards?	<input checked="" type="checkbox"/>	
6. Is there concern about a particular hazard because of its severity, repetitiveness, or likelihood of occurrence?	<input checked="" type="checkbox"/>	
7. Is additional data needed to justify the expenditure of community or state funds for mitigation initiatives?		<input checked="" type="checkbox"/>

**Hazard: Earthquake**

Type of Structure (Occupancy Class)	Number of Structures			Value of Structures			Number of People		
	# in Community or State	# in Hazard Area	% in Hazard Area	\$ in Community or State	\$ in Hazard Area	% in Hazard Area	# in Community or State	# in Hazard Area	% in Hazard Area
<i>Residential</i>	15,097	15,097	100%	\$1,324,006,900	\$0	0%	33,520	33,520	100%
<i>Commercial</i>	509	509	100%	\$127,250,000	\$0	0%	3,970	3,940	100%
<i>Industrial</i>	64	64	100%	\$128,000,000	\$0	0%	501	501	100%
<i>Agricultural</i>	1,048	1,048	100%	\$13,931,064	\$0	0%	1,533	1,533	100%
<i>Religious/Non-Profit</i>	118	118	100%	\$17,700,000	\$0	0%	5,900	5,900	100%
<i>Government</i>	50	50	100%	\$75,000,000	\$0	0%	2,294	2,294	100%
<i>Education</i>	12	12	100%	\$62,000,000	\$0	0%	4,826	4,826	100%
<i>Utilities</i>	30	30	100%	\$45,000,000	\$0	0%	201	201	100%
<b>Total</b>	<b>16,928</b>	<b>16,928</b>	<b>100%</b>	<b>\$1,792,887,964</b>	<b>\$0</b>	<b>0%</b>	<b>52,745</b>	<b>52,715</b>	<b>100%</b>

	<b>Yes</b>	<b>No</b>
1. Do you know where your greatest damages may occur in your hazard areas?	<b>X</b>	
2. Do you know whether your critical facilities will be operational after a hazard event?	<b>X</b>	
3. Is there enough data to determine which assets are subject to the greatest potential damages?	<b>X</b>	
4. Is there enough data to determine whether significant elements of the community are vulnerable to potential hazards?	<b>X</b>	
5. Is there enough data to determine whether certain areas of historic, environmental, political, or cultural significance are vulnerable to potential hazards?	<b>X</b>	
6. Is there concern about a particular hazard because of its severity, repetitiveness, or likelihood of occurrence?	<b>X</b>	
7. Is additional data needed to justify the expenditure of community or state funds for mitigation initiatives?		<b>X</b>

**Hazard: Flooding**

Type of Structure (Occupancy Class)	Number of Structures			Value of Structures			Number of People		
	# in Community or State	# in Hazard Area	% in Hazard Area	\$ in Community or State	\$ in Hazard Area	% in Hazard Area	# in Community or State	# in Hazard Area	% in Hazard Area
<i>Residential</i>	15,097	3,019	20%	\$1,324,006,900	\$264,801,380	20%	33,520	6,704	20%
<i>Commercial</i>	509	102	20%	\$127,250,000	\$25,450,000	20%	3,970	794	20%
<i>Industrial</i>	64	13	20%	\$128,000,000	\$25,600,000	20%	501	100	20%
<i>Agricultural</i>	1,048	210	20%	\$13,931,064	\$2,786,213	20%	1,533	307	20%
<i>Religious/Non-Profit</i>	118	24	20%	\$17,700,000	\$3,540,000	20%	5,900	1,180	20%
<i>Government</i>	50	0	0%	\$75,000,000	\$0	0%	2,294	0	0%
<i>Education</i>	12	0	0%	\$62,000,000	\$0	0%	4,826	0	0%
<i>Utilities</i>	30	0	0%	\$45,000,000	\$0	0%	201	0	0%
<b>Total</b>	<b>16,928</b>	<b>3,367</b>	<b>20%</b>	<b>\$1,792,887,964</b>	<b>\$322,177,593</b>	<b>18%</b>	<b>52,745</b>	<b>9,085</b>	<b>17%</b>

	Yes	No
1. Do you know where your greatest damages may occur in your hazard areas?	X	
2. Do you know whether your critical facilities will be operational after a hazard event?	X	
3. Is there enough data to determine which assets are subject to the greatest potential damages?	X	
4. Is there enough data to determine whether significant elements of the community are vulnerable to potential hazards?	X	
5. Is there enough data to determine whether certain areas of historic, environmental, political, or cultural significance are vulnerable to potential hazards?	X	
6. Is there concern about a particular hazard because of its severity, repetitiveness, or likelihood of occurrence?	X	
7. Is additional data needed to justify the expenditure of community or state funds for mitigation initiatives?		X

**Hazard: Hailstorm**

Type of Structure (Occupancy Class)	Number of Structures			Value of Structures			Number of People		
	# in Community or State	# in Hazard Area	% in Hazard Area	\$ in Community or State	\$ in Hazard Area	% in Hazard Area	# in Community or State	# in Hazard Area	% in Hazard Area
<i>Residential</i>	15,097	15,097	100%	\$1,324,006,900	\$132,401	0%	33,520	33,520	100%
<i>Commercial</i>	509	509	100%	\$127,250,000	\$12,725	0%	3,970	3,940	100%
<i>Industrial</i>	64	64	100%	\$128,000,000	\$12,800	0%	501	501	100%
<i>Agricultural</i>	1,048	1,048	100%	\$13,931,064	\$1,393	0%	1,533	1,533	100%
<i>Religious/Non-Profit</i>	118	118	100%	\$17,700,000	\$1,770	0%	5,900	5,900	100%
<i>Government</i>	50	50	100%	\$75,000,000	\$7,500	0%	2,294	2,294	100%
<i>Education</i>	12	12	100%	\$62,000,000	\$6,200	0%	4,826	4,826	100%
<i>Utilities</i>	30	30	100%	\$45,000,000	\$4,500	0%	201	201	100%
<b>Total</b>	<b>16,928</b>	<b>16,928</b>	<b>100%</b>	<b>\$1,792,887,964</b>	<b>\$179,289</b>	<b>0%</b>	<b>52,745</b>	<b>52,715</b>	<b>100%</b>

	Yes	No
1. Do you know where your greatest damages may occur in your hazard areas?	X	
2. Do you know whether your critical facilities will be operational after a hazard event?	X	
3. Is there enough data to determine which assets are subject to the greatest potential damages?	X	
4. Is there enough data to determine whether significant elements of the community are vulnerable to potential hazards?	X	
5. Is there enough data to determine whether certain areas of historic, environmental, political, or cultural significance are vulnerable to potential hazards?	X	
6. Is there concern about a particular hazard because of its severity, repetitiveness, or likelihood of occurrence?	X	
7. Is additional data needed to justify the expenditure of community or state funds for mitigation initiatives?		X

### Hazard: Land Subsidence

Type of Structure (Occupancy Class)	Number of Structures			Value of Structures			Number of People		
	# in Community or State	# in Hazard Area	% in Hazard Area	\$ in Community or State	\$ in Hazard Area	% in Hazard Area	# in Community or State	# in Hazard Area	% in Hazard Area
<i>Residential</i>	15,097	2,500	17%	\$1,324,006,900	\$225,081,173	17%	33,520	5,698	17%
<i>Commercial</i>	509	150	29%	\$127,250,000	\$36,902,500	29%	3,970	1,151	29%
<i>Industrial</i>	64	20	31%	\$128,000,000	\$39,680,000	31%	501	155	31%
<i>Agricultural</i>	1,048	220	21%	\$13,931,064	\$2,925,523	21%	1,533	322	21%
<i>Religious/Non-Profit</i>	118	20	17%	\$17,700,000	\$3,009,000	17%	5,900	1,003	17%
<i>Government</i>	50	0	0%	\$75,000,000	\$0	0%	2,294	0	0%
<i>Education</i>	12	0	0%	\$62,000,000	\$0	0%	4,826	0	0%
<i>Utilities</i>	30	30	100%	\$45,000,000	\$45,000,000	100%	201	201	100%
<b>Total</b>	<b>16,928</b>	<b>2,940</b>	<b>17%</b>	<b>\$1,792,887,964</b>	<b>\$352,598,196</b>	<b>20%</b>	<b>52,745</b>	<b>8,531</b>	<b>16%</b>

	Yes	No
1. Do you know where your greatest damages may occur in your hazard areas?	X	
2. Do you know whether your critical facilities will be operational after a hazard event?	X	
3. Is there enough data to determine which assets are subject to the greatest potential damages?	X	
4. Is there enough data to determine whether significant elements of the community are vulnerable to potential hazards?	X	
5. Is there enough data to determine whether certain areas of historic, environmental, political, or cultural significance are vulnerable to potential hazards?	X	
6. Is there concern about a particular hazard because of its severity, repetitiveness, or likelihood of occurrence?	X	
7. Is additional data needed to justify the expenditure of community or state funds for mitigation initiatives?		X

**Hazard: Thunderstorm**

Type of Structure (Occupancy Class)	Number of Structures			Value of Structures			Number of People		
	# in Community or State	# in Hazard Area	% in Hazard Area	\$ in Community or State	\$ in Hazard Area	% in Hazard Area	# in Community or State	# in Hazard Area	% in Hazard Area
<i>Residential</i>	15,097	15,097	100%	\$1,324,006,900	\$13,240,069	1%	33,520	33,520	100%
<i>Commercial</i>	509	509	100%	\$127,250,000	\$1,272,500	1%	3,970	3,940	100%
<i>Industrial</i>	64	64	100%	\$128,000,000	\$1,280,000	1%	501	501	100%
<i>Agricultural</i>	1,048	1,048	100%	\$13,931,064	\$139,311	1%	1,533	1,533	100%
<i>Religious/Non-Profit</i>	118	118	100%	\$17,700,000	\$177,000	1%	5,900	5,900	100%
<i>Government</i>	50	50	100%	\$75,000,000	\$750,000	1%	2,294	2,294	100%
<i>Education</i>	12	12	100%	\$62,000,000	\$620,000	1%	4,826	4,826	100%
<i>Utilities</i>	30	30	100%	\$45,000,000	\$450,000	1%	201	201	100%
<b>Total</b>	<b>16,928</b>	<b>16,928</b>	<b>100%</b>	<b>\$1,792,887,964</b>	<b>\$17,928,880</b>	<b>1%</b>	<b>52,745</b>	<b>52,715</b>	<b>100%</b>

	<b>Yes</b>	<b>No</b>
1. Do you know where your greatest damages may occur in your hazard areas?	<b>X</b>	
2. Do you know whether your critical facilities will be operational after a hazard event?	<b>X</b>	
3. Is there enough data to determine which assets are subject to the greatest potential damages?	<b>X</b>	
4. Is there enough data to determine whether significant elements of the community are vulnerable to potential hazards?	<b>X</b>	
5. Is there enough data to determine whether certain areas of historic, environmental, political, or cultural significance are vulnerable to potential hazards?	<b>X</b>	
6. Is there concern about a particular hazard because of its severity, repetitiveness, or likelihood of occurrence?	<b>X</b>	
7. Is additional data needed to justify the expenditure of community or state funds for mitigation initiatives?		<b>X</b>

**Hazard: Wildfire**

Type of Structure (Occupancy Class)	Number of Structures			Value of Structures			Number of People		
	# in Community or State	# in Hazard Area	% in Hazard Area	\$ in Community or State	\$ in Hazard Area	% in Hazard Area	# in Community or State	# in Hazard Area	% in Hazard Area
<i>Residential</i>	15,097	10,750	71%	\$1,324,006,900	\$940,044,899	71%	33,520	23,799	71%
<i>Commercial</i>	509	100	20%	\$127,250,000	\$25,450,000	20%	3,970	794	20%
<i>Industrial</i>	64	20	31%	\$128,000,000	\$39,680,000	31%	501	155	31%
<i>Agricultural</i>	1,048	1,048	100%	\$13,931,064	\$13,931,064	100%	1,533	1,533	100%
<i>Religious/Non-Profit</i>	118	95	81%	\$17,700,000	\$14,337,000	81%	5,900	4,779	81%
<i>Government</i>	50	0	0%	\$75,000,000	\$0	0%	2,294	0	0%
<i>Education</i>	12	3	25%	\$62,000,000	\$15,500,000	25%	4,826	1,207	25%
<i>Utilities</i>	30	15	50%	\$45,000,000	\$22,500,000	50%	201	101	50%
<b>Total</b>	<b>16,928</b>	<b>12,031</b>	<b>71%</b>	<b>\$1,792,887,964</b>	<b>\$1,071,442,963</b>	<b>60%</b>	<b>52,745</b>	<b>32,368</b>	<b>61%</b>

	Yes	No
1. Do you know where your greatest damages may occur in your hazard areas?	<input checked="" type="checkbox"/>	
2. Do you know whether your critical facilities will be operational after a hazard event?	<input checked="" type="checkbox"/>	
3. Is there enough data to determine which assets are subject to the greatest potential damages?	<input checked="" type="checkbox"/>	
4. Is there enough data to determine whether significant elements of the community are vulnerable to potential hazards?	<input checked="" type="checkbox"/>	
5. Is there enough data to determine whether certain areas of historic, environmental, political, or cultural significance are vulnerable to potential hazards?	<input checked="" type="checkbox"/>	
6. Is there concern about a particular hazard because of its severity, repetitiveness, or likelihood of occurrence?	<input checked="" type="checkbox"/>	
7. Is additional data needed to justify the expenditure of community or state funds for mitigation initiatives?		<input checked="" type="checkbox"/>

**Hazard: Wind**

Type of Structure (Occupancy Class)	Number of Structures			Value of Structures			Number of People		
	# in Community or State	# in Hazard Area	% in Hazard Area	\$ in Community or State	\$ in Hazard Area	% in Hazard Area	# in Community or State	# in Hazard Area	% in Hazard Area
<i>Residential</i>	15,097	15,097	100%	\$1,324,006,900	\$26,480,138	2%	33,520	33,520	100%
<i>Commercial</i>	509	509	100%	\$127,250,000	\$2,545,000	2%	3,970	3,940	100%
<i>Industrial</i>	64	64	100%	\$128,000,000	\$2,560,000	2%	501	501	100%
<i>Agricultural</i>	1,048	1,048	100%	\$13,931,064	\$278,621	2%	1,533	1,533	100%
<i>Religious/Non-Profit</i>	118	118	100%	\$17,700,000	\$354,000	2%	5,900	5,900	100%
<i>Government</i>	50	50	100%	\$75,000,000	\$1,500,000	2%	2,294	2,294	100%
<i>Education</i>	12	12	100%	\$62,000,000	\$1,240,000	2%	4,826	4,826	100%
<i>Utilities</i>	30	30	100%	\$45,000,000	\$900,000	2%	201	201	100%
<b>Total</b>	<b>16,928</b>	<b>16,928</b>	<b>100%</b>	<b>\$1,792,887,964</b>	<b>\$35,857,759</b>	<b>2%</b>	<b>52,745</b>	<b>52,715</b>	<b>100%</b>

- |   | Yes | No |
|---|-----|----|
| 1. Do you know where your greatest damages may occur in your hazard areas?  | X   |    |
| 2. Do you know whether your critical facilities will be operational after a hazard event?   | X   |    |
| 3. Is there enough data to determine which assets are subject to the greatest potential damages?  | X   |    |
| 4. Is there enough data to determine whether significant elements of the community are vulnerable to potential hazards?   | X   |    |
| 5. Is there enough data to determine whether certain areas of historic, environmental, political, or cultural significance are vulnerable to potential hazards? | X   |    |
| 6. Is there concern about a particular hazard because of its severity, repetitiveness, or likelihood of occurrence?   | X   |    |
| 7. Is additional data needed to justify the expenditure of community or state funds for mitigation initiatives?   |     | X  |

**Hazard: Winter Storm**

Type of Structure (Occupancy Class)	Number of Structures			Value of Structures			Number of People		
	# in Community or State	# in Hazard Area	% in Hazard Area	\$ in Community or State	\$ in Hazard Area	% in Hazard Area	# in Community or State	# in Hazard Area	% in Hazard Area
<i>Residential</i>	15,097	15,097	100%	\$1,324,006,900	\$19,860,104	2%	33,520	33,520	100%
<i>Commercial</i>	509	509	100%	\$127,250,000	\$1,908,750	2%	3,970	3,940	100%
<i>Industrial</i>	64	64	100%	\$128,000,000	\$1,920,000	2%	501	501	100%
<i>Agricultural</i>	1,048	1,048	100%	\$13,931,064	\$208,966	2%	1,533	1,533	100%
<i>Religious/Non-Profit</i>	118	118	100%	\$17,700,000	\$265,500	2%	5,900	5,900	100%
<i>Government</i>	50	50	100%	\$75,000,000	\$1,125,000	2%	2,294	2,294	100%
<i>Education</i>	12	12	100%	\$62,000,000	\$930,000	2%	4,826	4,826	100%
<i>Utilities</i>	30	30	100%	\$45,000,000	\$675,000	2%	201	201	100%
<b>Total</b>	<b>16,928</b>	<b>16,928</b>	<b>100%</b>	<b>\$1,792,887,964</b>	<b>\$26,893,319</b>	<b>2%</b>	<b>52,745</b>	<b>52,715</b>	<b>100%</b>

- |   | Yes | No |
|---|-----|----|
| 1. Do you know where your greatest damages may occur in your hazard areas?  | X   |    |
| 2. Do you know whether your critical facilities will be operational after a hazard event?   | X   |    |
| 3. Is there enough data to determine which assets are subject to the greatest potential damages?  | X   |    |
| 4. Is there enough data to determine whether significant elements of the community are vulnerable to potential hazards?   | X   |    |
| 5. Is there enough data to determine whether certain areas of historic, environmental, political, or cultural significance are vulnerable to potential hazards? | X   |    |
| 6. Is there concern about a particular hazard because of its severity, repetitiveness, or likelihood of occurrence?   | X   |    |
| 7. Is additional data needed to justify the expenditure of community or state funds for mitigation initiatives?   |     | X  |

**Hazard: Wildfires**

<b>Structure Loss (Task A.1.)</b>					
Name/Description of Structure	Structure Replacement Value (Step 3) (\$)	X	Percent Damage (Step 4) (%)	=	Loss to Structure (\$)
Kingwood Public Library	\$517,500.00	X	0	=	\$0.00
Terra Alta Public Library	\$400,000.00	X	0	=	\$0.00
Albright VFD	248500	X	0	=	\$0.00
Aurora VFD	\$400,000.00	X	0	=	\$0.00
Bruceton-Brandon VFD	\$480,000.00	X	0	=	\$0.00
Fellowsville VFD	\$350,000.00	X	0	=	\$0.00
Kingwood VFD	\$450,000.00	X	0	=	\$0.00
Masontown VFD	\$450,000.00	X	0	=	\$0.00
Mount Grove VFD		X	0	=	\$0.00
Newburg VFD		X	0	=	\$0.00
Reedsville VFD	\$350,000.00	X	0	=	\$0.00
Rowlesburg VFD		X	0	=	\$0.00
Terra Alta VFD	\$160,000.00	X	0	=	\$0.00
Tunnelton VFD		X	0	=	\$0.00
Mountaineer Ambulance Service Inc.		X	0	=	\$0.00
Terra Alta Ambulance Squad Inc.		X	0	=	\$0.00
Tunnelton Community Ambulance Service		X	0	=	\$0.00
Aurora Elementary School	\$3,585,900.00	X	0	=	\$0.00
Bruceton School	\$3,472,200.00	X	0	=	\$0.00
Central Preston Middle School	\$260,400.00	X	0	=	\$0.00
Fellowsville Elementary School	\$126,000.00	X	0	=	\$0.00
Kingwood Elementary School	\$115,200.00	X	0	=	\$0.00
Preston High School	\$2,110,050.00	X	0	=	\$0.00
Rowlesburg School	\$6,384,000.00	X	0	=	\$0.00
South Preston Middle School	\$114,300.00	X	0	=	\$0.00
Terra Alta / East Preston School	\$822,600.00	X	0	=	\$0.00

<b>Contents Loss (Task A.2.)</b>				
Replacement Value of Contents (Step 3) (\$)	X	Percent Damage (step 4) (%)	=	Loss to Contents (\$)
\$300,000.00	X	0.00	=	\$0.00
\$100,000.00	X	0.00	=	\$0.00
\$952,000.00	X	0.00	=	\$0.00
\$150,000.00	X	0.00	=	\$0.00
\$639,000.00	X	0.00	=	\$0.00
\$400,000.00	X	0.00	=	\$0.00
\$1,000,000.00	X	0.00	=	\$0.00
\$750,000.00	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
\$650,000.00	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
\$750,000.00	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
\$1,195,300.00	X	0.00	=	\$0.00
\$1,157,400.00	X	0.00	=	\$0.00
\$86,800.00	X	0.00	=	\$0.00
\$42,000.00	X	0.00	=	\$0.00
\$38,400.00	X	0.00	=	\$0.00
\$703,350.00	X	0.00	=	\$0.00
\$2,128,000.00	X	0.00	=	\$0.00
\$38,100.00	X	0.00	=	\$0.00
\$274,250.00	X	0.00	=	\$0.00

Name/Description of Structure	Structure Replacement Value (Step 3) (\$)	X	Percent Damage (Step 4) (%)	=	Loss to Structure (\$)
Tunnelton - Denver Elementary School	\$1,529,100.00	X	0	=	\$0.00
Valley Elementary School	\$3,160,200.00	X	0	=	\$0.00
West Preston Middle School	\$882,000.00	X	0	=	\$0.00
Integrity Christian School		X	0	=	\$0.00
West Virginia Paving, Inc.		X	0	=	\$0.00
Grimm Lumber, Inc.		X	0	=	\$0.00
Coaltrain Corporation		X	0	=	\$0.00
Mary Ruth Corporation	\$300,000.00	X	0	=	\$0.00
Pretzell Excavating Co.,	\$200,000.00	X	0	=	\$0.00
Sharon Coal Company		X	0	=	\$0.00
Fibair - Division of Hollinee		X	0	=	\$0.00
Pioneer Press of West Virginia	\$420,000.00	X	0	=	\$0.00
Coastal Coal - Sub Coastal Corporation	\$850,000.00	X	0	=	\$0.00
Masontown Block Corporation	\$250,000.00	X	0	=	\$0.00
Preston Publications, Inc.	\$100,000.00	X	0	=	\$0.00
Arrowhead Machine Works	\$883,200.00	X	0	=	\$0.00
Coastal Lumber Company - Eglon	\$800,000.00	X	0	=	\$0.00
Jennmar Corporation	\$3,937,600.00	X	0	=	\$0.00
Preston Machine Enterprises	\$500,000.00	X	0	=	\$0.00
Hazelton Milling Company	\$1,035,000.00	X	0	=	\$0.00
Custom Inflatables, Inc.	\$345,000.00	X	0	=	\$0.00
Interstate Hardwoods		X	0	=	\$0.00
Coastal Lumber Company - Bruceeton Mills	\$1,000,000.00	X	0	=	\$0.00
Cheat River Wood Products, Inc.		X	0	=	\$0.00
C & T Lumber	\$10,000.00	X	0	=	\$0.00
4D Logging	\$150,000.00	X	0	=	\$0.00
D & C, L.L.C.	\$550,000.00	X	0	=	\$0.00
Allegheny Wood Products, Inc. - Kingwood		X	0	=	\$0.00

Replacement Value of Contents (Step 3) (\$)	X	Percent Damage (step 4) (%)	=	Loss to Contents (\$)
\$509,700.00	X	0.00	=	\$0.00
\$1,053,400.00	X	0.00	=	\$0.00
\$294,000.00	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
\$150,000.00	X	0.00	=	\$0.00
\$100,000.00	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
\$900,000.00	X	0.00	=	\$0.00
\$1,000,000.00	X	0.00	=	\$0.00
\$750,000.00	X	0.00	=	\$0.00
\$360,000.00	X	0.00	=	\$0.00
\$1,000,000.00	X	0.00	=	\$0.00
\$750,000.00	X	0.00	=	\$0.00
\$3,937,600.00	X	0.00	=	\$0.00
\$1,000,000.00	X	0.00	=	\$0.00
\$1,035,000.00	X	0.00	=	\$0.00
\$125,000.00	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
\$2,000,000.00	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
\$75,000.00	X	0.00	=	\$0.00
\$200,000.00	X	0.00	=	\$0.00
\$70,000.00	X	0.00	=	\$0.00
	X	0.00	=	\$0.00



Name/Description of Structure	Structure Replacement Value (Step 3) (\$)	X	Percent Damage (Step 4) (%)	=	Loss to Structure (\$)
Colonel Thomas Brown House		X	0	=	\$0.00
James S. Lakin House		X	0	=	\$0.00
Terra Alta Bank	\$500,000.00	X	0	=	\$0.00
Tunnelton Railroad Depot		X	0	=	\$0.00
McKee Sky Ranch Airport (private)		X	0	=	\$0.00
Titus Field Airport (private)	\$211,200.00	X	0	=	\$0.00
Moore Field	\$184,800.00	X	0	=	\$0.00
Camp Dawson	\$67,427,784.00	X	0	=	\$0.00
Valley Point	\$313,600.00	X	0	=	\$0.00
Railroad	\$19,794,400.00	X	0	=	\$0.00
Roadways	\$4,149,130,000.00	X	0	=	\$0.00
Hamed Memorial Medical Clinic	\$716,800.00	X	0	=	\$0.00
Davis Clinic		X	0	=	\$0.00
Harriman Memorial Clinic		X	0	=	\$0.00
Preston Memorial Hospital	\$6,720,000.00	X	0	=	\$0.00
Cheat River Bridge No. 92	\$1,024,000.00	X	0	=	\$0.00
WV Route 7 Bridge	\$1,849,600.00	X	0	=	\$0.00
Co. Rt. 73/5 and Laurel Run Bridge	\$825,600.00	X	0	=	\$0.00
Interstate 68 Bridge	\$825,600.00	X	0	=	\$0.00
Co. Rt. 73/5 and Laurel Run Bridge	\$793,600.00	X	0	=	\$0.00
Interstate 68 Bridge	\$793,600.00	X	0	=	\$0.00
Cheat River Bridge	\$1,008,000.00	X	0	=	\$0.00
Cheat River Bridge	\$979,200.00	X	0	=	\$0.00
Saltlick Creek Bridge	\$1,043,200.00	X	0	=	\$0.00
Preston County Courthouse	\$2,329,565.00	X	0	=	\$0.00
U.S. Postal Office - Kingwood		X	0	=	\$0.00
U.S. Postal Office - Arthurdale	\$168,960.00	X	0	=	\$0.00
U.S. Postal Office - Reedsville	\$271,920.00	X	0	=	\$0.00
U.S. Postal Office - Bretz	\$123,200.00	X	0	=	\$0.00

Replacement Value of Contents (Step 3) (\$)	X	Percent Damage (step 4) (%)	=	Loss to Contents (\$)
	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
\$50,000.00	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
\$211,200.00	X	0.00	=	\$0.00
\$184,800.00	X	0.00	=	\$0.00
\$722,000.00	X	0.00	=	\$0.00
\$400,000.00	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
\$850,000.00	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
\$7,000,000.00	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
\$731,442.00	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
\$168,960.00	X	0.00	=	\$0.00
\$20,000.00	X	0.00	=	\$0.00
\$123,200.00	X	0.00	=	\$0.00

Name/Description of Structure	Structure Replacement Value (Step 3) (\$)	X	Percent Damage (Step 4) (%)	=	Loss to Structure (\$)
U.S. Postal Office - Terra Alta	\$30,000.00	X	0	=	\$0.00
U.S. Postal Office - Tunnelton	132000	X	0	=	\$0.00
U.S. Postal Office-Newburg	\$220,000.00	X	0	=	\$0.00
U.S. Postal Office - Masontown	\$211,200.00	X	0	=	\$0.00
U.S. Postal Office - Bruceton Mills	\$193,600.00	X	0	=	\$0.00
U.S. Postal Office- Rowlesburg	\$176,000.00	X	0	=	\$0.00
U.S. Postal Office - Aurora	\$140,800.00	X	0	=	\$0.00
U.S. Postal Office - Eglon	\$105,600.00	X	0	=	\$0.00
Town Hall - Albright	\$55,000.00	X	0	=	\$0.00
Town Hall - Brandonsville		X	0	=	\$0.00
Town Hall - Bruceton Mills		X	0	=	\$0.00
City Hall - Kingwood	\$500,000.00	X	0	=	\$0.00
Town Hall - Masontown	\$35,000.00	X	0	=	\$0.00
Town Hall - Newburg		X	0	=	\$0.00
Town Hall - Rowlesburg	\$25,755.00	X	0	=	\$0.00
Town Hall-Tara Alta	\$400,000.00	X	0	=	\$0.00
State Police - Kingwood	\$100,000.00	X	0	=	\$0.00
Water Plant - Albright		X	0	=	\$0.00
Preston Co. PSD # 1		X	0	=	\$0.00
Arthurdale Water Association		X	0	=	\$0.00
Water Plant - Brandonville		X	0	=	\$0.00
Water Plant - Kingwood	\$1,200,000.00	X	0	=	\$0.00
Water Plant - Masontown	\$150,000.00	X	0	=	\$0.00
Water Plant - Rowlesburg	\$82,417.00	X	0	=	\$0.00
Water Plant - Terra Alta	\$834,000.00	X	0	=	\$0.00
Sewer Plant - Albright	\$125,000.00	X	0	=	\$0.00
Sewer Plant - Brandonville		X	0	=	\$0.00
Sewer Plant - Kingwood	\$1,150,000.00	X	0	=	\$0.00
Sewer Plant - Masontown	\$1,052,500.00	X	0	=	\$0.00
Sewer Plant - Newburg		X	0	=	\$0.00

Replacement Value of Contents (Step 3) (\$)	X	Percent Damage (step 4) (%)	=	Loss to Contents (\$)
\$30,000.00	X	0.00	=	\$0.00
\$30,000.00	X	0.00	=	\$0.00
\$220,000.00	X	0.00	=	\$0.00
\$15,000.00	X	0.00	=	\$0.00
\$193,600.00	X	0.00	=	\$0.00
\$176,000.00	X	0.00	=	\$0.00
\$10,000.00	X	0.00	=	\$0.00
\$8,000.00	X	0.00	=	\$0.00
\$15,000.00	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
\$1,200,000.00	X	0.00	=	\$0.00
\$10,000.00	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
\$2,000.00	X	0.00	=	\$0.00
\$20,000.00	X	0.00	=	\$0.00
\$100,000.00	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
\$1,500,000.00	X	0.00	=	\$0.00
\$50,000.00	X	0.00	=	\$0.00
\$82,417.00	X	0.00	=	\$0.00
\$100,000.00	X	0.00	=	\$0.00
\$5,000.00	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
\$2,400,000.00	X	0.00	=	\$0.00
\$1,000,000.00	X	0.00	=	\$0.00
	X	0.00	=	\$0.00

Name/Description of Structure	Structure Replacement Value (Step 3) (\$)	X	Percent Damage (Step 4) (%)	=	Loss to Structure (\$)
Sewer Plant - Rowlesburg	\$10,000.00	X	0	=	\$0.00
Sewer Plant - Terra Alta		X	0	=	\$0.00
Hopemont Hospital	\$25,000,000.00	X	0	=	\$0.00
Valley Fuels	\$1,500.00	X	0	=	\$0.00
Peak Communications	\$70,000.00	X	0	=	\$0.00
Metal Creations	\$75,000.00	X	0	=	\$0.00
Greer Limestone Company	\$20,000,000.00	X	0	=	\$0.00
BB&T Masontown	200000	X	0	=	\$0.00
BB&T Kingwood	\$500,000.00	X	0	=	\$0.00
BB&T Brucetonmills	200000	X	0	=	\$0.00
Austin Powder Company	\$125,000.00	X	0	=	\$0.00
Kingwood Pharmacy	340000	X	0	=	\$0.00
AT&T Earth Station	\$5,733,300.00	X	0	=	\$0.00
Windy Mill Manor		X	0	=	\$0.00
Albright Power Plant		X	0	=	\$0.00
					\$0.00

Replacement Value of Contents (Step 3) (\$)	X	Percent Damage (step 4) (%)	=	Loss to Contents (\$)
\$20,000.00	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
\$300,000.00	X	0.00	=	\$0.00
\$30,000.00	X	0.00	=	\$0.00
\$50,000.00	X	0.00	=	\$0.00
\$50,000.00	X	0.00	=	\$0.00
\$8,000,000.00	X	0.00	=	\$0.00
\$200,000.00	X	0.00	=	\$0.00
\$500,000.00	X	0.00	=	\$0.00
\$200,000.00	X	0.00	=	\$0.00
\$165,000.00	X	0.00	=	\$0.00
\$300,000.00	X	0.00	=	\$0.00
\$4,299,975.00	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
				\$0.00

Structure Use and Function Loss (Task A.3.)										
Name/Description of Structure	Average Daily Operating Budget (Step 3) (\$)	X	Functional Downtime (Step 4) (# of days)	+	Displacement Cost per Day (Step 3) (\$)	X	Displacement Time (Step 4) (\$)	=	Structure Use & Function Loss (\$)	Structure Loss + Content Loss + Function Loss (\$)
Kingwood Public Library	\$410.00	X	0	+	\$410.00	X	0	=	\$0.00	\$0.00
Terra Alta Public Library	\$142.47	X	0	+	\$142.47	X	0	=	\$0.00	\$0.00
Albright VFD	\$150.00	X	0	+	\$150.00	X	0	=	\$0.00	\$0.00
Aurora VFD		X	0	+		X	0	=	\$0.00	\$0.00
Bruceton-Brandon VFD	\$330.00	X	0	+	\$330.00	X	0	=	\$0.00	\$0.00
Fellowsville VFD	\$274.00	X	0	+	\$274.00	X	0	=	\$0.00	\$0.00
Kingwood VFD	\$110.00	X	0	+	\$110.00	X	0	=	\$0.00	\$0.00
Masontown VFD	\$1,200.00	X	0	+	\$1,200.00	X	0	=	\$0.00	\$0.00
Mount Grove VFD		X	0	+		X	0	=	\$0.00	\$0.00
Newburg VFD		X	0	+		X	0	=	\$0.00	\$0.00
Reedsville VFD	\$275.00	X	0	+	\$275.00	X	0	=	\$0.00	\$0.00
Rowlesburg VFD		X	0	+		X	0	=	\$0.00	\$0.00
Terra Alta VFD	\$137.00	X	0	+	\$137.00	X	0	=	\$0.00	\$0.00
Tunnelton VFD		X	0	+		X	0	=	\$0.00	\$0.00
Mountaineer Ambulance Service Inc.		X	0	+		X	0	=	\$0.00	\$0.00
Terra Alta Ambulance Squad Inc.		X	0	+		X	0	=	\$0.00	\$0.00
Tunnelton Community Ambulance Service		X	0	+		X	0	=	\$0.00	\$0.00
Aurora Elementary School	\$2,507.00	X	0	+	\$2,507.00	X	0	=	\$0.00	\$0.00
Bruceton School	\$6,493.00	X	0	+	\$6,493.00	X	0	=	\$0.00	\$0.00
Central Preston Middle School	\$4,562.00	X	0	+	\$4,562.00	X	0	=	\$0.00	\$0.00
Fellowsville Elementary School	\$2,603.00	X	0	+	\$2,603.00	X	0	=	\$0.00	\$0.00
Kingwood Elementary School	\$9,356.16	X	0	+	\$9,356.16	X	0	=	\$0.00	\$0.00
Preston High School	\$23,000.00	X	0	+	\$23,000.00	X	0	=	\$0.00	\$0.00
Rowlesburg School	\$2,849.32	X	0	+	\$2,849.32	X	0	=	\$0.00	\$0.00
South Preston Middle School	\$2,972.60	X	0	+	\$2,972.60	X	0	=	\$0.00	\$0.00

Name/Description of Structure	Average Daily Operating Budget (Step 3) (\$)	X	Functional Downtime (Step 4) (# of days)	+	Displacement Cost per Day (Step 3) (\$)	X	Displacement Time (Step 4) (\$)	=	Structure Use & Function Loss (\$)	Structure Loss + Content Loss + Function Loss (\$)
Terra Alta / East Preston School	\$7,534.25	X	0	+	\$7,534.25	X	0	=	\$0.00	\$0.00
Tunnelton - Denver Elementary School	\$3,260.27	X	0	+	\$3,260.27	X	0	=	\$0.00	\$0.00
Valley Elementary School	\$6,561.64	X	0	+	\$6,561.64	X	0	=	\$0.00	\$0.00
West Preston Middle School	\$2,986.30	X	0	+	\$2,986.30	X	0	=	\$0.00	\$0.00
Integrity Christian School		X	0	+		X	0	=	\$0.00	\$0.00
West Virginia Paving, Inc.		X	0	+		X	0	=	\$0.00	\$0.00
Grimm Lumber, Inc.		X	0	+		X	0	=	\$0.00	\$0.00
Coaltrain Corporation		X	0	+		X	0	=	\$0.00	\$0.00
Mary Ruth Corporation	\$685.00	X	0	+	\$685.00	X	0	=	\$0.00	\$0.00
Pretzell Excavating Co.,	\$1,370.00	X	0	+	\$1,370.00	X	0	=	\$0.00	\$0.00
Sharon Coal Company		X	0	+		X	0	=	\$0.00	\$0.00
Fibair - Division of Hollinee		X	0	+		X	0	=	\$0.00	\$0.00
Pioneer Press of West Virginia	\$2,055.00	X	0	+	\$2,055.00	X	0	=	\$0.00	\$0.00
Coastal Coal - Sub Coastal Corporation		X	0	+		X	0	=	\$0.00	\$0.00
Masontown Block Corporation	\$1,370.00	X	0	+	\$1,370.00	X	0	=	\$0.00	\$0.00
Preston Publications, Inc.	\$1,918.00	X	0	+	\$1,918.00	X	0	=	\$0.00	\$0.00
Arrowhead Machine Works	\$548.00	X	0	+	\$548.00	X	0	=	\$0.00	\$0.00
Coastal Lumber Company - Eglon	\$2,131.00	X	0	+	\$2,131.00	X	0	=	\$0.00	\$0.00
Jennmar Corporation	\$274.00	X	0	+	\$274.00	X	0	=	\$0.00	\$0.00
Preston Machine Enterprises	\$2,740.00	X	0	+	\$2,740.00	X	0	=	\$0.00	\$0.00
Hazelton Milling Company	\$220.00	X	0	+	\$220.00	X	0	=	\$0.00	\$0.00
Custom Inflatables, Inc.	\$342.00	X	0	+	\$342.00	X	0	=	\$0.00	\$0.00
Interstate Hardwoods		X	0	+		X	0	=	\$0.00	\$0.00
Coastal Lumber Company - Bruceton Mills	\$4,262.00	X	0	+	\$4,262.00	X	0	=	\$0.00	\$0.00
Cheat River Wood Products, Inc.		X	0	+		X	0	=	\$0.00	\$0.00
C & T Lumber	\$822.00	X	0	+	\$822.00	X	0	=	\$0.00	\$0.00
4D Logging	\$1,370.00	X	0	+	\$1,370.00	X	0	=	\$0.00	\$0.00
D & C, L.L.C.	\$274.00	X	0	+	\$274.00	X	0	=	\$0.00	\$0.00

Name/Description of Structure	Average Daily Operating Budget (Step 3) (\$)	X	Functional Downtime (Step 4) (# of days)	+	Displacement Cost per Day (Step 3) (\$)	X	Displacement Time (Step 4) (\$)	=	Structure Use & Function Loss (\$)	Structure Loss + Content Loss + Function Loss (\$)
Allegheny Wood Products, Inc. - Kingwood		X	0	+		X	0	=	\$0.00	\$0.00
Allegheny Wood Products, Inc. - Hazelton		X	0	+		X	0	=	\$0.00	\$0.00
Birdscreek Repair	\$83.00	X	0	+	\$83.00	X	0	=	\$0.00	\$0.00
DK Equipment Company		X	0	+		X	0	=	\$0.00	\$0.00
Cranesville Stone, Inc.	\$4,110.00	X	0	+	\$4,110.00	X	0	=	\$0.00	\$0.00
Headline Books	\$125.00	X	0	+	\$125.00	X	0	=	\$0.00	\$0.00
GEC, Inc.		X	0	+		X	0	=	\$0.00	\$0.00
Owens Industrial Commercial	\$1,096.00	X	0	+	\$1,096.00	X	0	=	\$0.00	\$0.00
Affordable Signs Unlimited		X	0	+		X	0	=	\$0.00	\$0.00
AI Corporation	\$1,000.00	X	0	+	\$1,000.00	X	0	=	\$0.00	\$0.00
Triple D Logging	\$685.00	X	0	+	\$685.00	X	0	=	\$0.00	\$0.00
Ad America		X	0	+		X	0	=	\$0.00	\$0.00
Matthews Bronze Corporation	\$109,589.00	X	0	+	\$109,589.00	X	0	=	\$0.00	\$0.00
ALJEZ Inc.		X	0	+		X	0	=	\$0.00	\$0.00
Taz Hardwoods	\$13,972.00	X	0	+	\$13,972.00	X	0	=	\$0.00	\$0.00
Shatters Printing		X	0	+		X	0	=	\$0.00	\$0.00
Phillips Precast Concrete Inc.	\$1,096.00	X	0	+	\$1,096.00	X	0	=	\$0.00	\$0.00
Press - Ex Printing	\$137.00	X	0	+	\$137.00	X	0	=	\$0.00	\$0.00
Hayes, Harry B. Lumber Company	\$500.00	X	0	+	\$500.00	X	0	=	\$0.00	\$0.00
Martin Marietta Aggregates		X	0	+		X	0	=	\$0.00	\$0.00
Virginia Furnace		X	0	+		X	0	=	\$0.00	\$0.00
Arthurdale Historic District		X	0	+		X	0	=	\$0.00	\$0.00
"Gaymont" (Brookside Inn)	\$137.00	X	0	+	\$137.00	X	0	=	\$0.00	\$0.00
Red Horse Tavern		X	0	+		X	0	=	\$0.00	\$0.00
Hagans Homestead		X	0	+		X	0	=	\$0.00	\$0.00
Elkins Coal and Coke Company Historic District		X	0	+		X	0	=	\$0.00	\$0.00
Reckart Mill		X	0	+		X	0	=	\$0.00	\$0.00
Kingwood Historic District		X	0	+		X	0	=	\$0.00	\$0.00
James Clark McGrew House		X	0	+		X	0	=	\$0.00	\$0.00

Name/Description of Structure	Average Daily Operating Budget (Step 3) (\$)	X	Functional Downtime (Step 4) (# of days)	+	Displacement Cost per Day (Step 3) (\$)	X	Displacement Time (Step 4) (\$)	=	Structure Use & Function Loss (\$)	Structure Loss + Content Loss + Function Loss (\$)
Ralph Snyder Decagonal Barn		X	0	+		X	0	=	\$0.00	\$0.00
Fairfax Stone Site		X	0	+		X	0	=	\$0.00	\$0.00
Colonel Thomas Brown House		X	0	+		X	0	=	\$0.00	\$0.00
James S. Lakin House		X	0	+		X	0	=	\$0.00	\$0.00
Terra Alta Bank		X	0	+		X	0	=	\$0.00	\$0.00
Tunnelton Railroad Depot		X	0	+		X	0	=	\$0.00	\$0.00
McKee Sky Ranch Airport (private)		X	0	+		X	0	=	\$0.00	\$0.00
Titus Field Airport (private)		X	0	+		X	0	=	\$0.00	\$0.00
Moore Field		X	0	+		X	0	=	\$0.00	\$0.00
Camp Dawson	\$1,507.00	X	0	+	\$1,507.00	X	0	=	\$0.00	\$0.00
Valley Point		X	0	+		X	0	=	\$0.00	\$0.00
Railroad		X	0	+		X	0	=	\$0.00	\$0.00
Roadways		X	0	+		X	0	=	\$0.00	\$0.00
Hamed Memorial Medical Clinic	\$1,800.00	X	0	+	\$1,800.00	X	0	=	\$0.00	\$0.00
Davis Clinic		X	0	+		X	0	=	\$0.00	\$0.00
Harriman Memorial Clinic		X	0	+		X	0	=	\$0.00	\$0.00
Preston Memorial Hospital		X	0	+		X	0	=	\$0.00	\$0.00
Cheat River Bridge No. 92		X	0	+		X	0	=	\$0.00	\$0.00
WV Route 7 Bridge		X	0	+		X	0	=	\$0.00	\$0.00
Co. Rt. 73/5 and Laurel Run Bridge		X	0	+		X	0	=	\$0.00	\$0.00
Interstate 68 Bridge		X	0	+		X	0	=	\$0.00	\$0.00
Co. Rt. 73/5 and Laurel Run Bridge		X	0	+		X	0	=	\$0.00	\$0.00
Interstate 68 Bridge		X	0	+		X	0	=	\$0.00	\$0.00
Cheat River Bridge		X	0	+		X	0	=	\$0.00	\$0.00
Cheat River Bridge		X	0	+		X	0	=	\$0.00	\$0.00
Saltlick Creek Bridge		X	0	+		X	0	=	\$0.00	\$0.00
Preston County Courthouse	\$11,829.00	X	0	+	\$11,829.00	X	0	=	\$0.00	\$0.00
U.S. Postal Office - Kingwood		X	0	+		X	0	=	\$0.00	\$0.00

Name/Description of Structure	Average Daily Operating Budget (Step 3) (\$)	X	Functional Downtime (Step 4) (# of days)	+	Displacement Cost per Day (Step 3) (\$)	X	Displacement Time (Step 4) (\$)	=	Structure Use & Function Loss (\$)	Structure Loss + Content Loss + Function Loss (\$)
U.S. Postal Office - Arthurdale	\$47.00	X	0	+	\$47.00	X	0	=	\$0.00	\$0.00
U.S. Postal Office - Reedsville	\$320.00	X	0	+	\$320.00	X	0	=	\$0.00	\$0.00
U.S. Postal Office - Bretz	\$52.00	X	0	+	\$52.00	X	0	=	\$0.00	\$0.00
U.S. Postal Office - Terra Alta		X	0	+		X	0	=	\$0.00	\$0.00
U.S. Postal Office - Tunnelton	\$1,054.00	X	0	+	\$1,054.00	X	0	=	\$0.00	\$0.00
U.S. Postal Office-Newburg	\$55.00	X	0	+	\$55.00	X	0	=	\$0.00	\$0.00
U.S. Postal Office - Masontown	\$49.00	X	0	+	\$49.00	X	0	=	\$0.00	\$0.00
U.S. Postal Office - Bruceton Mills	\$1,273.00	X	0	+	\$1,273.00	X	0	=	\$0.00	\$0.00
U.S. Postal Office- Rowlesburg	\$52.00	X	0	+	\$52.00	X	0	=	\$0.00	\$0.00
U.S. Postal Office - Aurora	\$49.00	X	0	+	\$49.00	X	0	=	\$0.00	\$0.00
U.S. Postal Office - Eglon	\$186.00	X	0	+	\$186.00	X	0	=	\$0.00	\$0.00
Town Hall - Albright	\$116.00	X	0	+	\$116.00	X	0	=	\$0.00	\$0.00
Town Hall - Brandonsville		X	0	+		X	0	=	\$0.00	\$0.00
Town Hall - Bruceton Mills		X	0	+		X	0	=	\$0.00	\$0.00
City Hall - Kingwood	\$3,328.00	X	0	+	\$3,328.00	X	0	=	\$0.00	\$0.00
Town Hall - Masontown	\$342.47	X	0	+	\$342.47	X	0	=	\$0.00	\$0.00
Town Hall - Newburg		X	0	+		X	0	=	\$0.00	\$0.00
Town Hall - Rowlesburg	\$313.22	X	0	+	\$313.22	X	0	=	\$0.00	\$0.00
Town Hall-Tara Alta	\$479.45	X	0	+	\$479.45	X	0	=	\$0.00	\$0.00
State Police - Kingwood	\$767.00	X	0	+	\$767.00	X	0	=	\$0.00	\$0.00
Water Plant - Albright		X	0	+		X	0	=	\$0.00	\$0.00
Preston Co. PSD # 1		X	0	+		X	0	=	\$0.00	\$0.00
Arthurdale Water Association		X	0	+		X	0	=	\$0.00	\$0.00
Water Plant - Brandonville		X	0	+		X	0	=	\$0.00	\$0.00
Water Plant - Kingwood	\$605.00	X	0	+	\$605.00	X	0	=	\$0.00	\$0.00
Water Plant - Masontown	\$342.00	X	0	+	\$342.00	X	0	=	\$0.00	\$0.00
Water Plant - Rowlesburg	\$104.00	X	0	+	\$104.00	X	0	=	\$0.00	\$0.00
Water Plant - Terra Alta	\$616.00	X	0	+	\$616.00	X	0	=	\$0.00	\$0.00

Name/Description of Structure	Average Daily Operating Budget (Step 3) (\$)	X	Functional Downtime (Step 4) (# of days)	+	Displacement Cost per Day (Step 3) (\$)	X	Displacement Time (Step 4) (\$)	=	Structure Use & Function Loss (\$)	Structure Loss + Content Loss + Function Loss (\$)
Sewer Plant - Albright	\$107.00	X	0	+	\$107.00	X	0	=	\$0.00	\$0.00
Sewer Plant - Brandonville		X	0	+		X	0	=	\$0.00	\$0.00
Sewer Plant - Kingwood	\$1,369.00	X	0	+	\$1,369.00	X	0	=	\$0.00	\$0.00
Sewer Plant - Masontown	\$328.00	X	0	+	\$328.00	X	0	=	\$0.00	\$0.00
Sewer Plant - Newburg		X	0	+		X	0	=	\$0.00	\$0.00
Sewer Plant - Rowlesburg	\$55.00	X	0	+	\$55.00	X	0	=	\$0.00	\$0.00
Sewer Plant - Terra Alta		X	0	+		X	0	=	\$0.00	\$0.00
Hopemont Hospital	\$19,178.08	X	0	+	\$19,178.08	X	0	=	\$0.00	\$0.00
Valley Fuels	\$5,479.00	X	0	+	\$5,479.00	X	0	=	\$0.00	\$0.00
Peak Communications	\$164.00	X	0	+	\$164.00	X	0	=	\$0.00	\$0.00
Metal Creations	\$81.00	X	0	+	\$81.00	X	0	=	\$0.00	\$0.00
Greer Limestone Company	\$80,000.00	X	0	+	\$80,000.00	X	0	=	\$0.00	\$0.00
BB&T Masontown		X	0	+		X	0	=	\$0.00	\$0.00
BB&T Kingwood		X	0	+		X	0	=	\$0.00	\$0.00
BB&T Brucetonmills		X	0	+		X	0	=	\$0.00	\$0.00
Austin Powder Company		X	0	+		X	0	=	\$0.00	\$0.00
Kingwood Pharmacy		X	0	+		X	0	=	\$0.00	\$0.00
AT&T Earth Station		X	0	+		X	0	=	\$0.00	\$0.00
Windy Mill Manor		X	0	+		X	0	=	\$0.00	\$0.00
Albright Power Plant		X	0	+		X	0	=	\$0.00	\$0.00
									<b>\$0.00</b>	<b>\$0.00</b>

**Hazard: Severe Winter Storm - Sleet**

<b>Structure Loss (Task A.1.)</b>					
Name/Description of Structure	Structure Replacement Value (Step 3) (\$)	X	Percent Damage (Step 4) (%)	=	Loss to Structure (\$)
Kingwood Public Library	\$517,500.00	X	1.00	=	\$5,200.00
Terra Alta Public Library	\$400,000.00	X	1.00	=	\$4,000.00
Albright VFD	248500	X	0.50	=	\$1,200.00
Aurora VFD	\$400,000.00	X	0.50	=	\$2,000.00
Bruceton-Brandon VFD	\$480,000.00	X	0.50	=	\$2,400.00
Fellowsville VFD	\$350,000.00	X	0.50	=	\$1,800.00
Kingwood VFD	\$450,000.00	X	0.50	=	\$2,300.00
Masontown VFD	\$450,000.00	X	0.50	=	\$2,300.00
Mount Grove VFD		X	0.50	=	\$0.00
Newburg VFD		X	0.50	=	\$0.00
Reedsville VFD	\$350,000.00	X	0.50	=	\$1,800.00
Rowlesburg VFD		X	0.50	=	\$0.00
Terra Alta VFD	\$160,000.00	X	0.50	=	\$800.00
Tunnelton VFD		X	0.50	=	\$0.00
Mountaineer Ambulance Service Inc.		X	1.00	=	\$0.00
Terra Alta Ambulance Squad Inc.		X	1.00	=	\$0.00
Tunnelton Community Ambulance Service		X	1.00	=	\$0.00
Aurora Elementary School	\$3,585,900.00	X	2.00	=	\$71,700.00
Bruceton School	\$3,472,200.00	X	2.00	=	\$69,400.00
Central Preston Middle School	\$260,400.00	X	2.00	=	\$5,200.00
Fellowsville Elementary School	\$126,000.00	X	2.00	=	\$2,500.00
Kingwood Elementary School	\$115,200.00	X	2.00	=	\$2,300.00
Preston High School	\$2,110,050.00	X	2.00	=	\$42,200.00
Rowlesburg School	\$6,384,000.00	X	2.00	=	\$127,700.00
South Preston Middle School	\$114,300.00	X	2.00	=	\$2,300.00
Terra Alta / East Preston School	\$822,600.00	X	2.00	=	\$16,500.00

<b>Contents Loss (Task A.2.)</b>				
Replacement Value of Contents (Step 3) (\$)	X	Percent Damage (step 4) (%)	=	Loss to Contents (\$)
\$300,000.00	X	0.50	=	\$1,500.00
\$100,000.00	X	0.50	=	\$500.00
\$952,000.00	X	0.25	=	\$2,400.00
\$150,000.00	X	0.25	=	\$400.00
\$639,000.00	X	0.25	=	\$1,600.00
\$400,000.00	X	0.25	=	\$1,000.00
\$1,000,000.00	X	0.25	=	\$2,500.00
\$750,000.00	X	0.25	=	\$1,900.00
	X	0.25	=	\$0.00
	X	0.25	=	\$0.00
\$650,000.00	X	0.25	=	\$1,600.00
	X	0.25	=	\$0.00
\$750,000.00	X	0.25	=	\$1,900.00
	X	0.25	=	\$0.00
	X	0.50	=	\$0.00
	X	0.50	=	\$0.00
	X	0.50	=	\$0.00
\$1,195,300.00	X	1.00	=	\$12,000.00
\$1,157,400.00	X	1.00	=	\$11,600.00
\$86,800.00	X	1.00	=	\$900.00
\$42,000.00	X	1.00	=	\$400.00
\$38,400.00	X	1.00	=	\$400.00
\$703,350.00	X	1.00	=	\$7,000.00
\$2,128,000.00	X	1.00	=	\$21,300.00
\$38,100.00	X	1.00	=	\$400.00
\$274,250.00	X	1.00	=	\$2,700.00

Name/Description of Structure	Structure Replacement Value (Step 3) (\$)	X	Percent Damage (Step 4) (%)	=	Loss to Structure (\$)
Tunnelton - Denver Elementary School	\$1,529,100.00	X	2.00	=	\$30,600.00
Valley Elementary School	\$3,160,200.00	X	2.00	=	\$63,200.00
West Preston Middle School	\$882,000.00	X	2.00	=	\$17,600.00
Integrity Christian School		X	2.00	=	\$0.00
West Virginia Paving, Inc.		X	0.50	=	\$0.00
Grimm Lumber, Inc.		X	0.50	=	\$0.00
Coaltrain Corporation		X	0.50	=	\$0.00
Mary Ruth Corporation	\$300,000.00	X	1.00	=	\$3,000.00
Pretzell Excavating Co.,	\$200,000.00	X	1.00	=	\$2,000.00
Sharon Coal Company		X	1.00	=	\$0.00
Fibair - Division of Hollinee		X	1.00	=	\$0.00
Pioneer Press of West Virginia	\$420,000.00	X	1.00	=	\$4,200.00
Coastal Coal - Sub Coastal Corporation	\$850,000.00	X	1.00	=	\$8,500.00
Masontown Block Corporation	\$250,000.00	X	1.00	=	\$2,500.00
Preston Publications, Inc.	\$100,000.00	X	1.00	=	\$1,000.00
Arrowhead Machine Works	\$883,200.00	X	1.00	=	\$8,800.00
Coastal Lumber Company - Eglon	\$800,000.00	X	1.00	=	\$8,000.00
Jennmar Corporation	\$3,937,600.00	X	1.00	=	\$39,400.00
Preston Machine Enterprises	\$500,000.00	X	1.00	=	\$5,000.00
Hazelton Milling Company	\$1,035,000.00	X	1.00	=	\$10,400.00
Custom Inflatables, Inc.	\$345,000.00	X	1.00	=	\$3,500.00
Interstate Hardwoods		X	0.50	=	\$0.00
Coastal Lumber Company - Bruceeton Mills	\$1,000,000.00	X	1.00	=	\$10,000.00
Cheat River Wood Products, Inc.		X	0.75	=	\$0.00
C & T Lumber	\$10,000.00	X	1.00	=	\$100.00
4D Logging	\$150,000.00	X	1.00	=	\$1,500.00
D & C, L.L.C.	\$550,000.00	X	1.00	=	\$5,500.00
Allegheny Wood Products, Inc. - Kingwood		X	1.00	=	\$0.00

Replacement Value of Contents (Step 3) (\$)	X	Percent Damage (step 4) (%)	=	Loss to Contents (\$)
\$509,700.00	X	1.00	=	\$5,100.00
\$1,053,400.00	X	1.00	=	\$10,500.00
\$294,000.00	X	1.00	=	\$2,900.00
	X	1.00	=	\$0.00
	X	0.25	=	\$0.00
	X	0.25	=	\$0.00
	X	0.25	=	\$0.00
\$150,000.00	X	0.50	=	\$800.00
\$100,000.00	X	0.50	=	\$500.00
	X	0.50	=	\$0.00
	X	0.50	=	\$0.00
\$900,000.00	X	0.50	=	\$4,500.00
\$1,000,000.00	X	0.50	=	\$5,000.00
\$750,000.00	X	0.50	=	\$3,800.00
\$360,000.00	X	0.50	=	\$1,800.00
\$1,000,000.00	X	0.50	=	\$5,000.00
\$750,000.00	X	0.50	=	\$3,800.00
\$3,937,600.00	X	0.50	=	\$19,700.00
\$1,000,000.00	X	0.50	=	\$5,000.00
\$1,035,000.00	X	0.50	=	\$5,200.00
\$125,000.00	X	0.50	=	\$600.00
	X	0.25	=	\$0.00
\$2,000,000.00	X	0.50	=	\$10,000.00
	X	0.38	=	\$0.00
\$75,000.00	X	0.50	=	\$400.00
\$200,000.00	X	0.50	=	\$1,000.00
\$70,000.00	X	0.50	=	\$400.00
	X	0.50	=	\$0.00



Name/Description of Structure	Structure Replacement Value (Step 3) (\$)	X	Percent Damage (Step 4) (%)	=	Loss to Structure (\$)
Colonel Thomas Brown House		X	1.00	=	\$0.00
James S. Lakin House		X	1.00	=	\$0.00
Terra Alta Bank	\$500,000.00	X	0.25	=	\$1,300.00
Tunnelton Railroad Depot		X	1.00	=	\$0.00
McKee Sky Ranch Airport (private)		X	1.00	=	\$0.00
Titus Field Airport (private)	\$211,200.00	X	1.00	=	\$2,100.00
Moore Field	\$184,800.00	X	1.00	=	\$1,800.00
Camp Dawson	\$67,427,784.00	X	1.00	=	\$674,300.00
Valley Point	\$313,600.00	X	1.00	=	\$3,100.00
Railroad	\$19,794,400.00	X	1.00	=	\$197,900.00
Roadways	\$4,149,130,000.00	X	0.75	=	\$31,118,500.00
Hamed Memorial Medical Clinic	\$716,800.00	X	1.00	=	\$7,200.00
Davis Clinic		X	1.00	=	\$0.00
Harriman Memorial Clinic		X	1.00	=	\$0.00
Preston Memorial Hospital	\$6,720,000.00	X	1.00	=	\$67,200.00
Cheat River Bridge No. 92	\$1,024,000.00	X	1.00	=	\$10,200.00
WV Route 7 Bridge	\$1,849,600.00	X	1.00	=	\$18,500.00
Co. Rt. 73/5 and Laurel Run Bridge	\$825,600.00	X	1.00	=	\$8,300.00
Interstate 68 Bridge	\$825,600.00	X	1.00	=	\$8,300.00
Co. Rt. 73/5 and Laurel Run Bridge	\$793,600.00	X	1.00	=	\$7,900.00
Interstate 68 Bridge	\$793,600.00	X	1.00	=	\$7,900.00
Cheat River Bridge	\$1,008,000.00	X	1.00	=	\$10,100.00
Cheat River Bridge	\$979,200.00	X	1.00	=	\$9,800.00
Saltlick Creek Bridge	\$1,043,200.00	X	1.00	=	\$10,400.00
Preston County Courthouse	\$2,329,565.00	X	1.00	=	\$23,300.00
U.S. Postal Office - Kingwood		X	1.00	=	\$0.00
U.S. Postal Office - Arthurdale	\$168,960.00	X	1.00	=	\$1,700.00
U.S. Postal Office - Reedsville	\$271,920.00	X	1.00	=	\$2,700.00
U.S. Postal Office - Bretz	\$123,200.00	X	1.00	=	\$1,200.00

Replacement Value of Contents (Step 3) (\$)	X	Percent Damage (step 4) (%)	=	Loss to Contents (\$)
	X	0.50	=	\$0.00
	X	0.50	=	\$0.00
\$50,000.00	X	0.13	=	\$100.00
	X	0.50	=	\$0.00
	X	0.50	=	\$0.00
\$211,200.00	X	0.50	=	\$1,100.00
\$184,800.00	X	0.50	=	\$900.00
\$722,000.00	X	0.50	=	\$3,600.00
\$400,000.00	X	0.50	=	\$2,000.00
	X	0.50	=	\$0.00
	X	0.38	=	\$0.00
\$850,000.00	X	0.50	=	\$4,300.00
	X	0.50	=	\$0.00
	X	0.50	=	\$0.00
\$7,000,000.00	X	0.50	=	\$35,000.00
	X	0.50	=	\$0.00
	X	0.50	=	\$0.00
	X	0.50	=	\$0.00
	X	0.50	=	\$0.00
	X	0.50	=	\$0.00
\$731,442.00	X	0.50	=	\$3,700.00
	X	0.50	=	\$0.00
\$168,960.00	X	0.50	=	\$800.00
\$20,000.00	X	0.50	=	\$100.00
\$123,200.00	X	0.50	=	\$600.00

Name/Description of Structure	Structure Replacement Value (Step 3) (\$)	X	Percent Damage (Step 4) (%)	=	Loss to Structure (\$)
U.S. Postal Office - Terra Alta	\$30,000.00	X	1.00	=	\$300.00
U.S. Postal Office - Tunnelton	132000	X	1.00	=	\$1,300.00
U.S. Postal Office-Newburg	\$220,000.00	X	1.00	=	\$2,200.00
U.S. Postal Office - Masontown	\$211,200.00	X	1.00	=	\$2,100.00
U.S. Postal Office - Bruceton Mills	\$193,600.00	X	1.00	=	\$1,900.00
U.S. Postal Office- Rowlesburg	\$176,000.00	X	1.00	=	\$1,800.00
U.S. Postal Office - Aurora	\$140,800.00	X	1.00	=	\$1,400.00
U.S. Postal Office - Eglon	\$105,600.00	X	1.00	=	\$1,100.00
Town Hall - Albright	\$55,000.00	X	0.50	=	\$300.00
Town Hall - Brandonsville		X	0.50	=	\$0.00
Town Hall - Bruceton Mills		X	0.50	=	\$0.00
City Hall - Kingwood	\$500,000.00	X	1.00	=	\$5,000.00
Town Hall - Masontown	\$35,000.00	X	0.50	=	\$200.00
Town Hall - Newburg		X	0.50	=	\$0.00
Town Hall - Rowlesburg	\$25,755.00	X	0.50	=	\$100.00
Town Hall-Tara Alta	\$400,000.00	X	1.00	=	\$4,000.00
State Police - Kingwood	\$100,000.00	X	1.00	=	\$1,000.00
Water Plant - Albright		X	0.50	=	\$0.00
Preston Co. PSD # 1		X	0.50	=	\$0.00
Arthurdale Water Association		X	0.50	=	\$0.00
Water Plant - Brandonville		X	0.50	=	\$0.00
Water Plant - Kingwood	\$1,200,000.00	X	1.00	=	\$12,000.00
Water Plant - Masontown	\$150,000.00	X	0.50	=	\$800.00
Water Plant - Rowlesburg	\$82,417.00	X	0.50	=	\$400.00
Water Plant - Terra Alta	\$834,000.00	X	1.00	=	\$8,300.00
Sewer Plant - Albright	\$125,000.00	X	1.00	=	\$1,300.00
Sewer Plant - Brandonville		X	0.50	=	\$0.00
Sewer Plant - Kingwood	\$1,150,000.00	X	1.00	=	\$11,500.00
Sewer Plant - Masontown	\$1,052,500.00	X	1.00	=	\$10,500.00
Sewer Plant - Newburg		X	0.50	=	\$0.00

Replacement Value of Contents (Step 3) (\$)	X	Percent Damage (step 4) (%)	=	Loss to Contents (\$)
\$30,000.00	X	0.50	=	\$200.00
\$30,000.00	X	0.50	=	\$200.00
\$220,000.00	X	0.50	=	\$1,100.00
\$15,000.00	X	0.50	=	\$100.00
\$193,600.00	X	0.50	=	\$1,000.00
\$176,000.00	X	0.50	=	\$900.00
\$10,000.00	X	0.50	=	\$100.00
\$8,000.00	X	0.50	=	\$0.00
\$15,000.00	X	0.25	=	\$0.00
	X	0.25	=	\$0.00
	X	0.25	=	\$0.00
\$1,200,000.00	X	0.50	=	\$6,000.00
\$10,000.00	X	0.25	=	\$0.00
	X	0.25	=	\$0.00
\$2,000.00	X	0.25	=	\$0.00
\$20,000.00	X	0.50	=	\$100.00
\$100,000.00	X	0.50	=	\$500.00
	X	0.25	=	\$0.00
	X	0.25	=	\$0.00
	X	0.25	=	\$0.00
\$1,500,000.00	X	0.50	=	\$7,500.00
\$50,000.00	X	0.25	=	\$100.00
\$82,417.00	X	0.25	=	\$200.00
\$100,000.00	X	0.50	=	\$500.00
\$5,000.00	X	0.50	=	\$0.00
	X	0.25	=	\$0.00
\$2,400,000.00	X	0.50	=	\$12,000.00
\$1,000,000.00	X	0.50	=	\$5,000.00
	X	0.25	=	\$0.00

Name/Description of Structure	Structure Replacement Value (Step 3) (\$)	X	Percent Damage (Step 4) (%)	=	Loss to Structure (\$)
Sewer Plant - Rowlesburg	\$10,000.00	X	0.50	=	\$100.00
Sewer Plant - Terra Alta		X	0.50	=	\$0.00
Hopemont Hospital	\$25,000,000.00	X	1.00	=	\$250,000.00
Valley Fuels	\$1,500.00	X	0.50	=	\$0.00
Peak Communications	\$70,000.00	X	1.00	=	\$700.00
Metal Creations	\$75,000.00	X	1.00	=	\$800.00
Greer Limestone Company	\$20,000,000.00	X	1.00	=	\$200,000.00
BB&T Masontown	200000	X	1.00	=	\$2,000.00
BB&T Kingwood	\$500,000.00	X	1.00	=	\$5,000.00
BB&T Brucetonmills	200000	X	1.00	=	\$2,000.00
Austin Powder Company	\$125,000.00	X	1.00	=	\$1,300.00
Kingwood Pharmacy	340000	X	1.00	=	\$3,400.00
AT&T Earth Station	\$5,733,300.00	X	1.00	=	\$57,300.00
Windy Mill Manor		X	1.00	=	\$0.00
Albright Power Plant		X	1.00	=	\$0.00
					<b>\$33,406,900.00</b>

Replacement Value of Contents (Step 3) (\$)	X	Percent Damage (step 4) (%)	=	Loss to Contents (\$)
\$20,000.00	X	0.25	=	\$100.00
	X	0.25	=	\$0.00
\$300,000.00	X	0.50	=	\$1,500.00
\$30,000.00	X	0.25	=	\$100.00
\$50,000.00	X	0.50	=	\$300.00
\$50,000.00	X	0.50	=	\$300.00
\$8,000,000.00	X	0.50	=	\$40,000.00
\$200,000.00	X	0.50	=	\$1,000.00
\$500,000.00	X	0.50	=	\$2,500.00
\$200,000.00	X	0.50	=	\$1,000.00
\$165,000.00	X	0.50	=	\$800.00
\$300,000.00	X	0.50	=	\$1,500.00
\$4,299,975.00	X	0.50	=	\$21,500.00
	X	0.50	=	\$0.00
	X	0.50	=	\$0.00
				<b>\$357,500.00</b>

Structure Use and Function Loss (Task A.3.)										
Name/Description of Structure	Average Daily Operating Budget (Step 3) (\$)	X	Functional Downtime (Step 4) (# of days)	+	Displacement Cost per Day (Step 3) (\$)	X	Displacement Time (Step 4) (\$)	=	Structure Use & Function Loss (\$)	Structure Loss + Content Loss + Function Loss (\$)
Kingwood Public Library	\$410.00	X	1	+	\$410.00	X	0	=	\$410.00	\$7,110.00
Terra Alta Public Library	\$142.47	X	1	+	\$142.47	X	0	=	\$142.47	\$4,642.47
Albright VFD	\$150.00	X	0	+	\$150.00	X	0	=	\$0.00	\$3,600.00
Aurora VFD		X	0	+		X	0	=	\$0.00	\$2,400.00
Bruceton-Brandon VFD	\$330.00	X	0	+	\$330.00	X	0	=	\$0.00	\$4,000.00
Fellowsville VFD	\$274.00	X	0	+	\$274.00	X	0	=	\$0.00	\$2,800.00
Kingwood VFD	\$110.00	X	0	+	\$110.00	X	0	=	\$0.00	\$4,800.00
Masontown VFD	\$1,200.00	X	0	+	\$1,200.00	X	0	=	\$0.00	\$4,200.00
Mount Grove VFD		X	0	+		X	0	=	\$0.00	\$0.00
Newburg VFD		X	0	+		X	0	=	\$0.00	\$0.00
Reedsville VFD	\$275.00	X	0	+	\$275.00	X	0	=	\$0.00	\$3,400.00
Rowlesburg VFD		X	0	+		X	0	=	\$0.00	\$0.00
Terra Alta VFD	\$137.00	X	0	+	\$137.00	X	0	=	\$0.00	\$2,700.00
Tunnelton VFD		X	0	+		X	0	=	\$0.00	\$0.00
Mountaineer Ambulance Service Inc.		X	0	+		X	0	=	\$0.00	\$0.00
Terra Alta Ambulance Squad Inc.		X	0	+		X	0	=	\$0.00	\$0.00
Tunnelton Community Ambulance Service		X	0	+		X	0	=	\$0.00	\$0.00
Aurora Elementary School	\$2,507.00	X	0	+	\$2,507.00	X	0	=	\$0.00	\$83,700.00
Bruceton School	\$6,493.00	X	0	+	\$6,493.00	X	0	=	\$0.00	\$81,000.00
Central Preston Middle School	\$4,562.00	X	1	+	\$4,562.00	X	0	=	\$4,562.00	\$10,662.00
Fellowsville Elementary School	\$2,603.00	X	1	+	\$2,603.00	X	0	=	\$2,603.00	\$5,503.00
Kingwood Elementary School	\$9,356.16	X	1	+	\$9,356.16	X	0	=	\$9,356.16	\$12,056.16
Preston High School	\$23,000.00	X	1	+	\$23,000.00	X	0	=	\$23,000.00	\$72,200.00
Rowlesburg School	\$2,849.32	X	1	+	\$2,849.32	X	0	=	\$2,849.32	\$151,849.32
South Preston Middle School	\$2,972.60	X	1	+	\$2,972.60	X	0	=	\$2,972.60	\$5,672.60

Name/Description of Structure	Average Daily Operating Budget (Step 3) (\$)	X	Functional Downtime (Step 4) (# of days)	+	Displacement Cost per Day (Step 3) (\$)	X	Displacement Time (Step 4) (\$)	=	Structure Use & Function Loss (\$)	Structure Loss + Content Loss + Function Loss (\$)
Terra Alta / East Preston School	\$7,534.25	X	1	+	\$7,534.25	X	0	=	\$7,534.25	\$26,734.25
Tunnelton - Denver Elementary School	\$3,260.27	X	1	+	\$3,260.27	X	0	=	\$3,260.27	\$38,960.27
Valley Elementary School	\$6,561.64	X	1	+	\$6,561.64	X	0	=	\$6,561.64	\$80,261.64
West Preston Middle School	\$2,986.30	X	1	+	\$2,986.30	X	0	=	\$2,986.30	\$23,486.30
Integrity Christian School		X	1	+		X	0	=	\$0.00	\$0.00
West Virginia Paving, Inc.		X	1	+		X	0	=	\$0.00	\$0.00
Grimm Lumber, Inc.		X	1	+		X	0	=	\$0.00	\$0.00
Coaltrain Corporation		X	1	+		X	0	=	\$0.00	\$0.00
Mary Ruth Corporation	\$685.00	X	1	+	\$685.00	X	0	=	\$685.00	\$4,485.00
Pretzell Excavating Co.,	\$1,370.00	X	1	+	\$1,370.00	X	0	=	\$1,370.00	\$3,870.00
Sharon Coal Company		X	1	+		X	0	=	\$0.00	\$0.00
Fibair - Division of Hollinee		X	1	+		X	0	=	\$0.00	\$0.00
Pioneer Press of West Virginia	\$2,055.00	X	1	+	\$2,055.00	X	0	=	\$2,055.00	\$10,755.00
Coastal Coal - Sub Coastal Corporation		X	1	+		X	0	=	\$0.00	\$13,500.00
Masontown Block Corporation	\$1,370.00	X	1	+	\$1,370.00	X	0	=	\$1,370.00	\$7,670.00
Preston Publications, Inc.	\$1,918.00	X	1	+	\$1,918.00	X	0	=	\$1,918.00	\$4,718.00
Arrowhead Machine Works	\$548.00	X	1	+	\$548.00	X	0	=	\$548.00	\$14,348.00
Coastal Lumber Company - Eglon	\$2,131.00	X	1	+	\$2,131.00	X	0	=	\$2,131.00	\$13,931.00
Jennmar Corporation	\$274.00	X	1	+	\$274.00	X	0	=	\$274.00	\$59,374.00
Preston Machine Enterprises	\$2,740.00	X	1	+	\$2,740.00	X	0	=	\$2,740.00	\$12,740.00
Hazelton Milling Company	\$220.00	X	1	+	\$220.00	X	0	=	\$220.00	\$15,820.00
Custom Inflatables, Inc.	\$342.00	X	1	+	\$342.00	X	0	=	\$342.00	\$4,442.00
Interstate Hardwoods		X	1	+		X	0	=	\$0.00	\$0.00
Coastal Lumber Company - Bruceton Mills	\$4,262.00	X	1	+	\$4,262.00	X	0	=	\$4,262.00	\$24,262.00
Cheat River Wood Products, Inc.		X	1	+		X	0	=	\$0.00	\$0.00
C & T Lumber	\$822.00	X	1	+	\$822.00	X	0	=	\$822.00	\$1,322.00
4D Logging	\$1,370.00	X	1	+	\$1,370.00	X	0	=	\$1,370.00	\$3,870.00
D & C, L.L.C.	\$274.00	X	1	+	\$274.00	X	0	=	\$274.00	\$6,174.00

Name/Description of Structure	Average Daily Operating Budget (Step 3) (\$)	X	Functional Downtime (Step 4) (# of days)	+	Displacement Cost per Day (Step 3) (\$)	X	Displacement Time (Step 4) (\$)	=	Structure Use & Function Loss (\$)	Structure Loss + Content Loss + Function Loss (\$)
Allegheny Wood Products, Inc. Kingwood		X	1	+		X	0	=	\$0.00	\$0.00
Allegheny Wood Products, Inc. Hazelton		X	1	+		X	0	=	\$0.00	\$0.00
Birds Creek Repair	\$83.00	X	1	+	\$83.00	X	0	=	\$83.00	\$1,783.00
DK Equipment Company		X	1	+		X	0	=	\$0.00	\$0.00
Cranesville Stone, Inc.	\$4,110.00	X	1	+	\$4,110.00	X	0	=	\$4,110.00	\$11,110.00
Headline Books	\$125.00	X	1	+	\$125.00	X	0	=	\$125.00	\$1,425.00
GEC, Inc.		X	1	+		X	0	=	\$0.00	\$0.00
Owens Industrial Commercial	\$1,096.00	X	1	+	\$1,096.00	X	0	=	\$1,096.00	\$21,396.00
Affordable Signs Unlimited		X	1	+		X	0	=	\$0.00	\$0.00
AI Corporation	\$1,000.00	X	1	+	\$1,000.00	X	0	=	\$1,000.00	\$1,800.00
Triple D Logging	\$685.00	X	1	+	\$685.00	X	0	=	\$685.00	\$1,485.00
Ad America		X	1	+		X	0	=	\$0.00	\$0.00
Matthews Bronze Corporation	\$109,589.00	X	1	+	\$109,589.00	X	0	=	\$109,589.00	\$137,089.00
ALJEZ Inc.		X	1	+		X	0	=	\$0.00	\$0.00
Taz Hardwoods	\$13,972.00	X	1	+	\$13,972.00	X	0	=	\$13,972.00	\$20,472.00
Shatters Printing		X	1	+		X	0	=	\$0.00	\$1,400.00
Phillips Precast Concrete Inc.	\$1,096.00	X	1	+	\$1,096.00	X	0	=	\$1,096.00	\$1,996.00
Press - Ex Printing	\$137.00	X	1	+	\$137.00	X	0	=	\$137.00	\$237.00
Hayes, Harry B. Lumber Company	\$500.00	X	1	+	\$500.00	X	0	=	\$500.00	\$600.00
Martin Marietta Aggregates		X	1	+		X	0	=	\$0.00	\$5,000.00
Virginia Furnace		X	1	+		X	0	=	\$0.00	\$0.00
Arthurdale Historic District		X	1	+		X	0	=	\$0.00	\$0.00
"Gaymont" (Brookside Inn)	\$137.00	X	1	+	\$137.00	X	0	=	\$137.00	\$2,637.00
Red Horse Tavern		X	1	+		X	0	=	\$0.00	\$0.00
Hagans Homestead		X	1	+		X	0	=	\$0.00	\$0.00
Elkins Coal and Coke Company Historic District		X	1	+		X	0	=	\$0.00	\$0.00
Reckart Mill		X	1	+		X	0	=	\$0.00	\$0.00
Kingwood Historic District		X	1	+		X	0	=	\$0.00	\$0.00
James Clark McGrew House		X	1	+		X	0	=	\$0.00	\$0.00

Name/Description of Structure	Average Daily Operating Budget (Step 3) (\$)	X	Functional Downtime (Step 4) (# of days)	+	Displacement Cost per Day (Step 3) (\$)	X	Displacement Time (Step 4) (\$)	=	Structure Use & Function Loss (\$)	Structure Loss + Content Loss + Function Loss (\$)
Ralph Snyder Decagonal Barn		X	1	+		X	0	=	\$0.00	\$0.00
Fairfax Stone Site		X	1	+		X	0	=	\$0.00	\$0.00
Colonel Thomas Brown House		X	1	+		X	0	=	\$0.00	\$0.00
James S. Lakin House		X	1	+		X	0	=	\$0.00	\$0.00
Terra Alta Bank		X	1	+		X	0	=	\$0.00	\$1,400.00
Tunnelton Railroad Depot		X	1	+		X	0	=	\$0.00	\$0.00
McKee Sky Ranch Airport (private)		X	1	+		X	0	=	\$0.00	\$0.00
Titus Field Airport (private)		X	1	+		X	0	=	\$0.00	\$3,200.00
Moore Field		X	1	+		X	0	=	\$0.00	\$2,700.00
Camp Dawson	\$1,507.00	X	1	+	\$1,507.00	X	0	=	\$1,507.00	\$679,407.00
Valley Point		X	1	+		X	0	=	\$0.00	\$5,100.00
Railroad		X	1	+		X	0	=	\$0.00	\$197,900.00
Roadways		X	1	+		X	0	=	\$0.00	\$31,118,500.00
Hamed Memorial Medical Clinic	\$1,800.00	X	0	+	\$1,800.00	X	0	=	\$0.00	\$11,500.00
Davis Clinic		X	0	+		X	0	=	\$0.00	\$0.00
Harriman Memorial Clinic		X	0	+		X	0	=	\$0.00	\$0.00
Preston Memorial Hospital		X	0	+		X	0	=	\$0.00	\$102,200.00
Cheat River Bridge No. 92		X	1	+		X	0	=	\$0.00	\$10,200.00
WV Route 7 Bridge		X	1	+		X	0	=	\$0.00	\$18,500.00
Co. Rt. 73/5 and Laurel Run Bridge		X	1	+		X	0	=	\$0.00	\$8,300.00
Interstate 68 Bridge		X	1	+		X	0	=	\$0.00	\$8,300.00
Co. Rt. 73/5 and Laurel Run Bridge		X	1	+		X	0	=	\$0.00	\$7,900.00
Interstate 68 Bridge		X	1	+		X	0	=	\$0.00	\$7,900.00
Cheat River Bridge		X	1	+		X	0	=	\$0.00	\$10,100.00
Cheat River Bridge		X	1	+		X	0	=	\$0.00	\$9,800.00
Saltlick Creek Bridge		X	1	+		X	0	=	\$0.00	\$10,400.00
Preston County Courthouse	\$11,829.00	X	0	+	\$11,829.00	X	0	=	\$0.00	\$27,000.00
U.S. Postal Office - Kingwood		X	0	+		X	0	=	\$0.00	\$0.00

Name/Description of Structure	Average Daily Operating Budget (Step 3) (\$)	X	Functional Downtime (Step 4) (# of days)	+	Displacement Cost per Day (Step 3) (\$)	X	Displacement Time (Step 4) (\$)	=	Structure Use & Function Loss (\$)	Structure Loss + Content Loss + Function Loss (\$)
U.S. Postal Office - Arthurdale	\$47.00	X	0	+	\$47.00	X	0	=	\$0.00	\$2,500.00
U.S. Postal Office - Reedsville	\$320.00	X	0	+	\$320.00	X	0	=	\$0.00	\$2,800.00
U.S. Postal Office - Bretz	\$52.00	X	0	+	\$52.00	X	0	=	\$0.00	\$1,800.00
U.S. Postal Office - Terra Alta		X	0	+		X	0	=	\$0.00	\$500.00
U.S. Postal Office - Tunnelton	\$1,054.00	X	0	+	\$1,054.00	X	0	=	\$0.00	\$1,500.00
U.S. Postal Office-Newburg	\$55.00	X	0	+	\$55.00	X	0	=	\$0.00	\$3,300.00
U.S. Postal Office - Masontown	\$49.00	X	0	+	\$49.00	X	0	=	\$0.00	\$2,200.00
U.S. Postal Office - Bruceton Mills	\$1,273.00	X	0	+	\$1,273.00	X	0	=	\$0.00	\$2,900.00
U.S. Postal Office- Rowlesburg	\$52.00	X	0	+	\$52.00	X	0	=	\$0.00	\$2,700.00
U.S. Postal Office - Aurora	\$49.00	X	0	+	\$49.00	X	0	=	\$0.00	\$1,500.00
U.S. Postal Office - Eglon	\$186.00	X	0	+	\$186.00	X	0	=	\$0.00	\$1,100.00
Town Hall - Albright	\$116.00	X	0	+	\$116.00	X	0	=	\$0.00	\$300.00
Town Hall - Brandonsville		X	0	+		X	0	=	\$0.00	\$0.00
Town Hall - Bruceton Mills		X	0	+		X	0	=	\$0.00	\$0.00
City Hall - Kingwood	\$3,328.00	X	0	+	\$3,328.00	X	0	=	\$0.00	\$11,000.00
Town Hall - Masontown	\$342.47	X	0	+	\$342.47	X	0	=	\$0.00	\$200.00
Town Hall - Newburg		X	0	+		X	0	=	\$0.00	\$0.00
Town Hall - Rowlesburg	\$313.22	X	0	+	\$313.22	X	0	=	\$0.00	\$100.00
Town Hall-Tara Alta	\$479.45	X	0	+	\$479.45	X	0	=	\$0.00	\$4,100.00
State Police - Kingwood	\$767.00	X	0	+	\$767.00	X	0	=	\$0.00	\$1,500.00
Water Plant - Albright		X	0	+		X	0	=	\$0.00	\$0.00
Preston Co. PSD # 1		X	0	+		X	0	=	\$0.00	\$0.00
Arthurdale Water Association		X	0	+		X	0	=	\$0.00	\$0.00
Water Plant - Brandonville		X	0	+		X	0	=	\$0.00	\$0.00
Water Plant - Kingwood	\$605.00	X	0	+	\$605.00	X	0	=	\$0.00	\$19,500.00
Water Plant - Masontown	\$342.00	X	0	+	\$342.00	X	0	=	\$0.00	\$900.00
Water Plant - Rowlesburg	\$104.00	X	0	+	\$104.00	X	0	=	\$0.00	\$600.00
Water Plant - Terra Alta	\$616.00	X	0	+	\$616.00	X	0	=	\$0.00	\$8,800.00

Name/Description of Structure	Average Daily Operating Budget (Step 3) (\$)	X	Functional Downtime (Step 4) (# of days)	+	Displacement Cost per Day (Step 3) (\$)	X	Displacement Time (Step 4) (\$)	=	Structure Use & Function Loss (\$)	Structure Loss + Content Loss + Function Loss (\$)
Sewer Plant - Albright	\$107.00	X	0	+	\$107.00	X	0	=	\$0.00	\$1,300.00
Sewer Plant - Brandonville		X	0	+		X	0	=	\$0.00	\$0.00
Sewer Plant - Kingwood	\$1,369.00	X	0	+	\$1,369.00	X	0	=	\$0.00	\$23,500.00
Sewer Plant - Masontown	\$328.00	X	0	+	\$328.00	X	0	=	\$0.00	\$15,500.00
Sewer Plant - Newburg		X	0	+		X	0	=	\$0.00	\$0.00
Sewer Plant - Rowlesburg	\$55.00	X	0	+	\$55.00	X	0	=	\$0.00	\$200.00
Sewer Plant - Terra Alta		X	0	+		X	0	=	\$0.00	\$0.00
Hopemont Hospital	\$19,178.08	X	0	+	\$19,178.08	X	0	=	\$0.00	\$251,500.00
Valley Fuels	\$5,479.00	X	1	+	\$5,479.00	X	0	=	\$5,479.00	\$5,579.00
Peak Communications	\$164.00	X	1	+	\$164.00	X	0	=	\$164.00	\$1,164.00
Metal Creations	\$81.00	X	1	+	\$81.00	X	0	=	\$81.00	\$1,181.00
Greer Limestone Company	\$80,000.00	X	1	+	\$80,000.00	X	0	=	\$80,000.00	\$320,000.00
BB&T Masontown		X	1	+		X	0	=	\$0.00	\$3,000.00
BB&T Kingwood		X	1	+		X	0	=	\$0.00	\$7,500.00
BB&T Brucetonmills		X	1	+		X	0	=	\$0.00	\$3,000.00
Austin Powder Company		X	1	+		X	0	=	\$0.00	\$2,100.00
Kingwood Pharmacy		X	1	+		X	0	=	\$0.00	\$4,900.00
AT&T Earth Station		X	1	+		X	0	=	\$0.00	\$78,800.00
Windy Mill Manor		X	1	+		X	0	=	\$0.00	\$0.00
Albright Power Plant		X	0	+		X	0	=	\$0.00	\$0.00
									<b>\$306,400.00</b>	<b>\$34,070,800.00</b>

## ESTIMATE LOSSES

Hazard: Severe Wind/Tornado

Structure Loss (Task A.1.)					
Name/Description of Structure	Structure Replacement Value (Step 3) (\$)	X	Percent Damage (Step 4) (%)	=	Loss to Structure (\$)
Kingwood Public Library	\$517,500.00	X	1.00	=	\$5,200.00
Terra Alta Public Library	\$400,000.00	X	1.00	=	\$4,000.00
Albright VFD	248500	X	2.00	=	\$5,000.00
Aurora VFD	\$400,000.00	X	2.00	=	\$8,000.00
Bruceton-Brandon VFD	\$480,000.00	X	2.00	=	\$9,600.00
Fellowsville VFD	\$350,000.00	X	2.00	=	\$7,000.00
Kingwood VFD	\$450,000.00	X	2.00	=	\$9,000.00
Masontown VFD	\$450,000.00	X	2.00	=	\$9,000.00
Mount Grove VFD		X	2.00	=	\$0.00
Newburg VFD		X	2.00	=	\$0.00
Reedsville VFD	\$350,000.00	X	2.00	=	\$7,000.00
Rowlesburg VFD		X	2.00	=	\$0.00
Terra Alta VFD	\$160,000.00	X	2.00	=	\$3,200.00
Tunnelton VFD		X	2.00	=	\$0.00
Mountaineer Ambulance Service Inc.		X	2.00	=	\$0.00
Terra Alta Ambulance Squad Inc.		X	2.00	=	\$0.00
Tunnelton Community Ambulance Service		X	2.00	=	\$0.00
Aurora Elementary School	\$3,585,900.00	X	2.00	=	\$71,700.00
Bruceton School	\$3,472,200.00	X	2.00	=	\$69,400.00
Central Preston Middle School	\$260,400.00	X	2.00	=	\$5,200.00
Fellowsville Elementary School	\$126,000.00	X	2.00	=	\$2,500.00
Kingwood Elementary School	\$115,200.00	X	2.00	=	\$2,300.00
Preston High School	\$2,110,050.00	X	2.00	=	\$42,200.00
Rowlesburg School	\$6,384,000.00	X	2.00	=	\$127,700.00
South Preston Middle School	\$114,300.00	X	2.00	=	\$2,300.00

Contents Loss (Task A.2.)				
Replacement Value of Contents (Step 3) (\$)	X	Percent Damage (step 4) (%)	=	Loss to Contents (\$)
\$300,000.00	X	0.50	=	\$1,500.00
\$100,000.00	X	0.50	=	\$500.00
\$952,000.00	X	1.00	=	\$9,500.00
\$150,000.00	X	1.00	=	\$1,500.00
\$639,000.00	X	1.00	=	\$6,400.00
\$400,000.00	X	1.00	=	\$4,000.00
\$1,000,000.00	X	1.00	=	\$10,000.00
\$750,000.00	X	1.00	=	\$7,500.00
	X	1.00	=	\$0.00
	X	1.00	=	\$0.00
\$650,000.00	X	1.00	=	\$6,500.00
	X	1.00	=	\$0.00
\$750,000.00	X	1.00	=	\$7,500.00
	X	1.00	=	\$0.00
	X	1.00	=	\$0.00
	X	1.00	=	\$0.00
\$1,195,300.00	X	1.00	=	\$12,000.00
\$1,157,400.00	X	1.00	=	\$11,600.00
\$86,800.00	X	1.00	=	\$900.00
\$42,000.00	X	1.00	=	\$400.00
\$38,400.00	X	1.00	=	\$400.00
\$703,350.00	X	1.00	=	\$7,000.00
\$2,128,000.00	X	1.00	=	\$21,300.00
\$38,100.00	X	1.00	=	\$400.00

Name/Description of Structure	Structure Replacement Value (Step 3) (\$)	X	Percent Damage (Step 4) (%)	=	Loss to Structure (\$)
Terra Alta / East Preston School	\$822,600.00	X	2.00	=	\$16,500.00
Tunnelton - Denver Elementary School	\$1,529,100.00	X	2.00	=	\$30,600.00
Valley Elementary School	\$3,160,200.00	X	2.00	=	\$63,200.00
West Preston Middle School	\$882,000.00	X	2.00	=	\$17,600.00
Integrity Christian School		X	2.00	=	\$0.00
West Virginia Paving, Inc.		X	1.00	=	\$0.00
Grimm Lumber, Inc.		X	1.00	=	\$0.00
Coaltrain Corporation		X	1.00	=	\$0.00
Mary Ruth Corporation	\$300,000.00	X	1.00	=	\$3,000.00
Pretzell Excavating Co.,	\$200,000.00	X	1.00	=	\$2,000.00
Sharon Coal Company		X	2.00	=	\$0.00
Fibair - Division of Hollinee		X	2.00	=	\$0.00
Pioneer Press of West Virginia	\$420,000.00	X	2.00	=	\$8,400.00
Coastal Coal - Sub Coastal Corporation	\$850,000.00	X	1.00	=	\$8,500.00
Masontown Block Corporation	\$250,000.00	X	1.00	=	\$2,500.00
Preston Publications, Inc.	\$100,000.00	X	2.00	=	\$2,000.00
Arrowhead Machine Works	\$883,200.00	X	1.00	=	\$8,800.00
Coastal Lumber Company - Eglon	\$800,000.00	X	2.00	=	\$16,000.00
Jennmar Corporation	\$3,937,600.00	X	2.00	=	\$78,800.00
Preston Machine Enterprises	\$500,000.00	X	1.00	=	\$5,000.00
Hazelton Milling Company	\$1,035,000.00	X	2.00	=	\$20,700.00
Custom Inflatables, Inc.	\$345,000.00	X	2.00	=	\$6,900.00
Interstate Hardwoods		X	1.00	=	\$0.00
Coastal Lumber Company - Bruceeton Mills	\$1,000,000.00	X	1.00	=	\$10,000.00
Cheat River Wood Products, Inc.		X	1.00	=	\$0.00
C & T Lumber	\$10,000.00	X	2.00	=	\$200.00
4D Logging	\$150,000.00	X	2.00	=	\$3,000.00
D & C, L.L.C.	\$550,000.00	X	1.00	=	\$5,500.00

Replacement Value of Contents (Step 3) (\$)	X	Percent Damage (step 4) (%)	=	Loss to Contents (\$)
\$274,250.00	X	1.00	=	\$2,700.00
\$509,700.00	X	1.00	=	\$5,100.00
\$1,053,400.00	X	1.00	=	\$10,500.00
\$294,000.00	X	1.00	=	\$2,900.00
	X	1.00	=	\$0.00
	X	0.50	=	\$0.00
	X	0.50	=	\$0.00
	X	0.50	=	\$0.00
\$150,000.00	X	0.50	=	\$800.00
\$100,000.00	X	0.50	=	\$500.00
	X	1.00	=	\$0.00
	X	1.00	=	\$0.00
\$900,000.00	X	1.00	=	\$9,000.00
\$1,000,000.00	X	0.50	=	\$5,000.00
\$750,000.00	X	0.50	=	\$3,800.00
\$360,000.00	X	1.00	=	\$3,600.00
\$1,000,000.00	X	0.50	=	\$5,000.00
\$750,000.00	X	1.00	=	\$7,500.00
\$3,937,600.00	X	1.00	=	\$39,400.00
\$1,000,000.00	X	0.50	=	\$5,000.00
\$1,035,000.00	X	1.00	=	\$10,400.00
\$125,000.00	X	1.00	=	\$1,300.00
	X	0.50	=	\$0.00
\$2,000,000.00	X	0.50	=	\$10,000.00
	X	0.50	=	\$0.00
\$75,000.00	X	1.00	=	\$800.00
\$200,000.00	X	1.00	=	\$2,000.00
\$70,000.00	X	0.50	=	\$400.00

Name/Description of Structure	Structure Replacement Value (Step 3) (\$)	X	Percent Damage (Step 4) (%)	=	Loss to Structure (\$)
Allegheny Wood Products, Inc. - Kingwood		X	1.00	=	\$0.00
Allegheny Wood Products, Inc. - Hazelton		X	1.00	=	\$0.00
Birdscreek Repair	\$165,000.00	X	1.00	=	\$1,700.00
DK Equipment Company		X	1.00	=	\$0.00
Cranesville Stone, Inc.	\$200,000.00	X	1.00	=	\$2,000.00
Headline Books	\$69,000.00	X	2.00	=	\$1,400.00
GEC, Inc.		X	2.00	=	\$0.00
Owens Industrial Commercial	\$1,725,000.00	X	1.00	=	\$17,300.00
Affordable Signs Unlimited		X	2.00	=	\$0.00
AI Corporation	\$250,000.00	X	1.00	=	\$2,500.00
Triple D Logging	\$40,000.00	X	2.00	=	\$800.00
Ad America		X	1.00	=	\$0.00
Matthews Bronze Corporation	\$1,000,000.00	X	1.00	=	\$10,000.00
ALJEZ Inc.		X	1.00	=	\$0.00
Taz Hardwoods	\$1,350,000.00	X	2.00	=	\$27,000.00
Shatters Printing	\$217,500.00	X	2.00	=	\$4,400.00
Phillips Precast Concrete Inc.	\$276,000.00	X	1.00	=	\$2,800.00
Press - Ex Printing	\$16,000.00	X	2.00	=	\$300.00
Hayes, Harry B. Lumber Company	\$30,000.00	X	2.00	=	\$600.00
Martin Marietta Aggregates	\$1,000,000.00	X	1.00	=	\$10,000.00
Virginia Furnace		X	1.00	=	\$0.00
Arthurdale Historic District		X	2.00	=	\$0.00
"Gaymont" (Brookside Inn)	\$900,000.00	X	2.00	=	\$18,000.00
Red Horse Tavern		X	2.00	=	\$0.00
Hagans Homestead		X	2.00	=	\$0.00
Elkins Coal and Coke Company Historic District		X	2.00	=	\$0.00
Reckart Mill		X	2.00	=	\$0.00
Kingwood Historic District		X	1.00	=	\$0.00
James Clark McGrew House		X	2.00	=	\$0.00

Replacement Value of Contents (Step 3) (\$)	X	Percent Damage (step 4) (%)	=	Loss to Contents (\$)
	X	0.50	=	\$0.00
	X	0.50	=	\$0.00
\$8,000.00	X	0.50	=	\$0.00
	X	0.50	=	\$0.00
\$1,000,000.00	X	0.50	=	\$5,000.00
\$125,000.00	X	1.00	=	\$1,300.00
	X	1.00	=	\$0.00
\$600,000.00	X	0.50	=	\$3,000.00
	X	1.00	=	\$0.00
\$187,500.00	X	0.50	=	\$900.00
\$75,000.00	X	1.00	=	\$800.00
	X	0.50	=	\$0.00
\$20,000,000.00	X	0.50	=	\$100,000.00
	X	0.50	=	\$0.00
\$2,500,000.00	X	1.00	=	\$25,000.00
\$750,000.00	X	1.00	=	\$7,500.00
\$150,000.00	X	0.50	=	\$800.00
\$40,000.00	X	1.00	=	\$400.00
	X	1.00	=	\$200.00
\$2,000,000.00	X	0.50	=	\$10,000.00
	X	0.50	=	\$0.00
	X	1.00	=	\$0.00
\$150,000.00	X	1.00	=	\$1,500.00
	X	1.00	=	\$0.00
	X	1.00	=	\$0.00
	X	1.00	=	\$0.00
	X	0.50	=	\$0.00
	X	1.00	=	\$0.00

Name/Description of Structure	Structure Replacement Value (Step 3) (\$)	X	Percent Damage (Step 4) (%)	=	Loss to Structure (\$)
Ralph Snyder Decagonal Barn		X	2.00	=	\$0.00
Fairfax Stone Site		X	1.00	=	\$0.00
Colonel Thomas Brown House		X	2.00	=	\$0.00
James S. Lakin House		X	2.00	=	\$0.00
Terra Alta Bank	\$500,000.00	X	1.00	=	\$5,000.00
Tunnelton Railroad Depot		X	1.00	=	\$0.00
McKee Sky Ranch Airport (private)		X	2.00	=	\$0.00
Titus Field Airport (private)	\$211,200.00	X	2.00	=	\$4,200.00
Moore Field	\$184,800.00	X	2.00	=	\$3,700.00
Camp Dawson	\$67,427,784.00	X	2.00	=	\$1,348,600.00
Valley Point	\$313,600.00	X	1.00	=	\$3,100.00
Railroad	\$19,794,400.00	X	0.50	=	\$99,000.00
Roadways	\$4,149,130,000.00	X	0.50	=	\$20,745,700.00
Hamed Memorial Medical Clinic	\$716,800.00	X	1.00	=	\$7,200.00
Davis Clinic		X	1.00	=	\$0.00
Harriman Memorial Clinic		X	1.00	=	\$0.00
Preston Memorial Hospital	\$6,720,000.00	X	1.00	=	\$67,200.00
Cheat River Bridge No. 92	\$1,024,000.00	X	0.50	=	\$5,100.00
WV Route 7 Bridge	\$1,849,600.00	X	0.50	=	\$9,200.00
Co. Rt. 73/5 and Laurel Run Bridge	\$825,600.00	X	0.50	=	\$4,100.00
Interstate 68 Bridge	\$825,600.00	X	0.50	=	\$4,100.00
Co. Rt. 73/5 and Laurel Run Bridge	\$793,600.00	X	0.50	=	\$4,000.00
Interstate 68 Bridge	\$793,600.00	X	0.50	=	\$4,000.00
Cheat River Bridge	\$1,008,000.00	X	0.50	=	\$5,000.00
Cheat River Bridge	\$979,200.00	X	0.50	=	\$4,900.00
Saltlick Creek Bridge	\$1,043,200.00	X	0.50	=	\$5,200.00
Preston County Courthouse	\$2,329,565.00	X	1.00	=	\$23,300.00
U.S. Postal Office - Kingwood		X	1.00	=	\$0.00
U.S. Postal Office - Arthurdale	\$168,960.00	X	1.00	=	\$1,700.00

Replacement Value of Contents (Step 3) (\$)	X	Percent Damage (step 4) (%)	=	Loss to Contents (\$)
	X	1.00	=	\$0.00
	X	0.50	=	\$0.00
	X	1.00	=	\$0.00
	X	1.00	=	\$0.00
\$50,000.00	X	0.50	=	\$300.00
	X	0.50	=	\$0.00
	X	1.00	=	\$0.00
\$211,200.00	X	1.00	=	\$2,100.00
\$184,800.00	X	1.00	=	\$1,800.00
\$722,000.00	X	1.00	=	\$7,200.00
\$400,000.00	X	0.50	=	\$2,000.00
	X	0.25	=	\$0.00
	X	0.25	=	\$0.00
\$850,000.00	X	0.50	=	\$4,300.00
	X	0.50	=	\$0.00
	X	0.50	=	\$0.00
\$7,000,000.00	X	0.50	=	\$35,000.00
	X	0.25	=	\$0.00
	X	0.25	=	\$0.00
	X	0.25	=	\$0.00
	X	0.25	=	\$0.00
	X	0.25	=	\$0.00
	X	0.25	=	\$0.00
\$731,442.00	X	0.50	=	\$3,700.00
	X	0.50	=	\$0.00
\$168,960.00	X	0.50	=	\$800.00

Name/Description of Structure	Structure Replacement Value (Step 3) (\$)	X	Percent Damage (Step 4) (%)	=	Loss to Structure (\$)
U.S. Postal Office - Reedsville	\$271,920.00	X	1.00	=	\$2,700.00
U.S. Postal Office - Bretz	\$123,200.00	X	1.00	=	\$1,200.00
U.S. Postal Office - Terra Alta	\$30,000.00	X	1.00	=	\$300.00
U.S. Postal Office - Tunnelton	132000	X	1.00	=	\$1,300.00
U.S. Postal Office-Newburg	\$220,000.00	X	1.00	=	\$2,200.00
U.S. Postal Office - Masontown	\$211,200.00	X	1.00	=	\$2,100.00
U.S. Postal Office - Bruceton Mills	\$193,600.00	X	1.00	=	\$1,900.00
U.S. Postal Office- Rowlesburg	\$176,000.00	X	1.00	=	\$1,800.00
U.S. Postal Office - Aurora	\$140,800.00	X	1.00	=	\$1,400.00
U.S. Postal Office - Eglon	\$105,600.00	X	1.00	=	\$1,100.00
Town Hall - Albright	\$55,000.00	X	1.00	=	\$600.00
Town Hall - Brandonsville		X	1.00	=	\$0.00
Town Hall - Bruceton Mills		X	1.00	=	\$0.00
City Hall - Kingwood	\$500,000.00	X	1.00	=	\$5,000.00
Town Hall - Masontown	\$35,000.00	X	1.00	=	\$400.00
Town Hall - Newburg		X	1.00	=	\$0.00
Town Hall - Rowlesburg	\$25,755.00	X	1.00	=	\$300.00
Town Hall-Tara Alta	\$400,000.00	X	1.00	=	\$4,000.00
State Police - Kingwood	\$100,000.00	X	1.00	=	\$1,000.00
Water Plant - Albright		X	1.00	=	\$0.00
Preston Co. PSD # 1		X	1.00	=	\$0.00
Arthurdale Water Association		X	1.00	=	\$0.00
Water Plant - Brandonville		X	1.00	=	\$0.00
Water Plant - Kingwood	\$1,200,000.00	X	1.00	=	\$12,000.00
Water Plant - Masontown	\$150,000.00	X	1.00	=	\$1,500.00
Water Plant - Rowlesburg	\$82,417.00	X	1.00	=	\$800.00
Water Plant - Terra Alta	\$834,000.00	X	1.00	=	\$8,300.00
Sewer Plant - Albright	\$125,000.00	X	1.00	=	\$1,300.00
Sewer Plant - Brandonville		X	1.00	=	\$0.00
Sewer Plant - Kingwood	\$1,150,000.00	X	1.00	=	\$11,500.00

Replacement Value of Contents (Step 3) (\$)	X	Percent Damage (step 4) (%)	=	Loss to Contents (\$)
\$20,000.00	X	0.50	=	\$100.00
\$123,200.00	X	0.50	=	\$600.00
\$30,000.00	X	0.50	=	\$200.00
\$30,000.00	X	0.50	=	\$200.00
\$220,000.00	X	0.50	=	\$1,100.00
\$15,000.00	X	0.50	=	\$100.00
\$193,600.00	X	0.50	=	\$1,000.00
\$176,000.00	X	0.50	=	\$900.00
\$10,000.00	X	0.50	=	\$100.00
\$8,000.00	X	0.50	=	\$0.00
\$15,000.00	X	0.50	=	\$100.00
	X	0.50	=	\$0.00
	X	0.50	=	\$0.00
\$1,200,000.00	X	0.50	=	\$6,000.00
\$10,000.00	X	0.50	=	\$100.00
	X	0.50	=	\$0.00
\$2,000.00	X	0.50	=	\$0.00
\$20,000.00	X	0.50	=	\$100.00
\$100,000.00	X	0.50	=	\$500.00
	X	0.50	=	\$0.00
	X	0.50	=	\$0.00
	X	0.50	=	\$0.00
\$1,500,000.00	X	0.50	=	\$7,500.00
\$50,000.00	X	0.50	=	\$300.00
\$82,417.00	X	0.50	=	\$400.00
\$100,000.00	X	0.50	=	\$500.00
\$5,000.00	X	0.50	=	\$0.00
	X	0.50	=	\$0.00
\$2,400,000.00	X	0.50	=	\$12,000.00

Name/Description of Structure	Structure Replacement Value (Step 3) (\$)	X	Percent Damage (Step 4) (%)	=	Loss to Structure (\$)
Sewer Plant - Masontown	\$1,052,500.00	X	1.00	=	\$10,500.00
Sewer Plant - Newburg		X	1.00	=	\$0.00
Sewer Plant - Rowlesburg	\$10,000.00	X	1.00	=	\$100.00
Sewer Plant - Terra Alta		X	1.00	=	\$0.00
Hopemont Hospital	\$25,000,000.00	X	1.00	=	\$250,000.00
Valley Fuels	\$1,500.00	X	1.00	=	\$0.00
Peak Communications	\$70,000.00	X	2.00	=	\$1,400.00
Metal Creations	\$75,000.00	X	1.00	=	\$800.00
Greer Limestone Company	\$20,000,000.00	X	1.00	=	\$200,000.00
BB&T Masontown	200000	X	1.00	=	\$2,000.00
BB&T Kingwood	\$500,000.00	X	1.00	=	\$5,000.00
BB&T Brucetonmills	200000	X	1.00	=	\$2,000.00
Austin Powder Company	\$125,000.00	X	1.00	=	\$1,300.00
Kingwood Pharmacy	340000	X	1.00	=	\$3,400.00
AT&T Earth Station	\$5,733,300.00	X	1.00	=	\$57,300.00
Windy Mill Manor		X	1.00	=	\$0.00
Albright Power Plant		X	1.00	=	\$0.00
					<b>\$23,749,100.00</b>

Replacement Value of Contents (Step 3) (\$)	X	Percent Damage (step 4) (%)	=	Loss to Contents (\$)
\$1,000,000.00	X	0.50	=	\$5,000.00
	X	0.50	=	\$0.00
\$20,000.00	X	0.50	=	\$100.00
	X	0.50	=	\$0.00
\$300,000.00	X	0.50	=	\$1,500.00
\$30,000.00	X	0.50	=	\$200.00
\$50,000.00	X	1.00	=	\$500.00
\$50,000.00	X	0.50	=	\$300.00
\$8,000,000.00	X	0.50	=	\$40,000.00
\$200,000.00	X	0.50	=	\$1,000.00
\$500,000.00	X	0.50	=	\$2,500.00
\$200,000.00	X	0.50	=	\$1,000.00
\$165,000.00	X	0.50	=	\$800.00
\$300,000.00	X	0.50	=	\$1,500.00
\$4,299,975.00	X	0.50	=	\$21,500.00
	X	0.50	=	\$0.00
	X	0.50	=	\$0.00
				<b>\$555,900.00</b>

Structure Use and Function Loss (Task A.3.)										
Name/Description of Structure	Average Daily Operating Budget (Step 3) (\$)	X	Functional Downtime (Step 4) (# of days)	+	Displacement Cost per Day (Step 3) (\$)	X	Displacement Time (Step 4) (\$)	=	Structure Use & Function Loss (\$)	Structure Loss + Content Loss + Function Loss (\$)
Kingwood Public Library	\$410.00	X	1	+	\$410.00	X	0	=	\$410.00	\$7,110.00
Terra Alta Public Library	\$142.47	X	1	+	\$142.47	X	0	=	\$142.47	\$4,642.47
Albright VFD	\$150.00	X	1	+	\$150.00	X	0	=	\$150.00	\$14,650.00
Aurora VFD		X	1	+		X	0	=	\$0.00	\$9,500.00
Bruceton-Brandon VFD	\$330.00	X	1	+	\$330.00	X	0	=	\$330.00	\$16,330.00
Fellowsville VFD	\$274.00	X	1	+	\$274.00	X	0	=	\$274.00	\$11,274.00
Kingwood VFD	\$110.00	X	1	+	\$110.00	X	0	=	\$110.00	\$19,110.00
Masontown VFD	\$1,200.00	X	1	+	\$1,200.00	X	0	=	\$1,200.00	\$17,700.00
Mount Grove VFD		X	1	+		X	0	=	\$0.00	\$0.00
Newburg VFD		X	1	+		X	0	=	\$0.00	\$0.00
Reedsville VFD	\$275.00	X	1	+	\$275.00	X	0	=	\$275.00	\$13,775.00
Rowlesburg VFD		X	1	+		X	0	=	\$0.00	\$0.00
Terra Alta VFD	\$137.00	X	1	+	\$137.00	X	0	=	\$137.00	\$10,837.00
Tunnelton VFD		X	1	+		X	0	=	\$0.00	\$0.00
Mountaineer Ambulance Service Inc.		X	1	+		X	0	=	\$0.00	\$0.00
Terra Alta Ambulance Squad Inc.		X	1	+		X	0	=	\$0.00	\$0.00
Tunnelton Community Ambulance Service		X	1	+		X	0	=	\$0.00	\$0.00
Aurora Elementary School	\$2,507.00	X	1	+	\$2,507.00	X	0	=	\$2,507.00	\$86,207.00
Bruceton School	\$6,493.00	X	1	+	\$6,493.00	X	0	=	\$6,493.00	\$87,493.00
Central Preston Middle School	\$4,562.00	X	1	+	\$4,562.00	X	0	=	\$4,562.00	\$10,662.00
Fellowsville Elementary School	\$2,603.00	X	1	+	\$2,603.00	X	0	=	\$2,603.00	\$5,503.00
Kingwood Elementary School	\$9,356.16	X	1	+	\$9,356.16	X	0	=	\$9,356.16	\$12,056.16
Preston High School	\$23,000.00	X	1	+	\$23,000.00	X	0	=	\$23,000.00	\$72,200.00
Rowlesburg School	\$2,849.32	X	1	+	\$2,849.32	X	0	=	\$2,849.32	\$151,849.32
South Preston Middle School	\$2,972.60	X	1	+	\$2,972.60	X	0	=	\$2,972.60	\$5,672.60

Name/Description of Structure	Average Daily Operating Budget (Step 3) (\$)	X	Functional Downtime (Step 4) (# of days)	+	Displacement Cost per Day (Step 3) (\$)	X	Displacement Time (Step 4) (\$)	=	Structure Use & Function Loss (\$)	Structure Loss + Content Loss + Function Loss (\$)
Terra Alta / East Preston School	\$7,534.25	X	1	+	\$7,534.25	X	0	=	\$7,534.25	\$26,734.25
Tunnelton - Denver Elementary School	\$3,260.27	X	1	+	\$3,260.27	X	0	=	\$3,260.27	\$38,960.27
Valley Elementary School	\$6,561.64	X	1	+	\$6,561.64	X	0	=	\$6,561.64	\$80,261.64
West Preston Middle School	\$2,986.30	X	1	+	\$2,986.30	X	0	=	\$2,986.30	\$23,486.30
Integrity Christian School		X	1	+		X	0	=	\$0.00	\$0.00
West Virginia Paving, Inc.		X	1	+		X	0	=	\$0.00	\$0.00
Grimm Lumber, Inc.		X	1	+		X	0	=	\$0.00	\$0.00
Coaltrain Corporation		X	1	+		X	0	=	\$0.00	\$0.00
Mary Ruth Corporation	\$685.00	X	1	+	\$685.00	X	0	=	\$685.00	\$4,485.00
Pretzell Excavating Co.,	\$1,370.00	X	1	+	\$1,370.00	X	0	=	\$1,370.00	\$3,870.00
Sharon Coal Company		X	1	+		X	0	=	\$0.00	\$0.00
Fibair - Division of Hollinee		X	1	+		X	0	=	\$0.00	\$0.00
Pioneer Press of West Virginia	\$2,055.00	X	1	+	\$2,055.00	X	0	=	\$2,055.00	\$19,455.00
Coastal Coal - Sub Coastal Corporation		X	1	+		X	0	=	\$0.00	\$13,500.00
Masontown Block Corporation	\$1,370.00	X	1	+	\$1,370.00	X	0	=	\$1,370.00	\$7,670.00
Preston Publications, Inc.	\$1,918.00	X	1	+	\$1,918.00	X	0	=	\$1,918.00	\$7,518.00
Arrowhead Machine Works	\$548.00	X	1	+	\$548.00	X	0	=	\$548.00	\$14,348.00
Coastal Lumber Company - Eglon	\$2,131.00	X	1	+	\$2,131.00	X	0	=	\$2,131.00	\$25,631.00
Jenmar Corporation	\$274.00	X	1	+	\$274.00	X	0	=	\$274.00	\$118,474.00
Preston Machine Enterprises	\$2,740.00	X	1	+	\$2,740.00	X	0	=	\$2,740.00	\$12,740.00
Hazelton Milling Company	\$220.00	X	1	+	\$220.00	X	0	=	\$220.00	\$31,320.00
Custom Inflatables, Inc.	\$342.00	X	1	+	\$342.00	X	0	=	\$342.00	\$8,542.00
Interstate Hardwoods		X	1	+		X	0	=	\$0.00	\$0.00
Coastal Lumber Company - Bruceton Mills	\$4,262.00	X	1	+	\$4,262.00	X	0	=	\$4,262.00	\$24,262.00
Cheat River Wood Products, Inc.		X	1	+		X	0	=	\$0.00	\$0.00
C & T Lumber	\$822.00	X	1	+	\$822.00	X	0	=	\$822.00	\$1,822.00
4D Logging	\$1,370.00	X	1	+	\$1,370.00	X	0	=	\$1,370.00	\$6,370.00

Name/Description of Structure	Average Daily Operating Budget (Step 3) (\$)	X	Functional Downtime (Step 4) (# of days)	+	Displacement Cost per Day (Step 3) (\$)	X	Displacement Time (Step 4) (\$)	=	Structure Use & Function Loss (\$)	Structure Loss + Content Loss + Function Loss (\$)
D & C, L.L.C.	\$274.00	X	1	+	\$274.00	X	0	=	\$274.00	\$6,174.00
Allegheny Wood Products, Inc. - Kingwood		X	1	+		X	0	=	\$0.00	\$0.00
Allegheny Wood Products, Inc. - Hazelton		X	1	+		X	0	=	\$0.00	\$0.00
Birdscreek Repair	\$83.00	X	1	+	\$83.00	X	0	=	\$83.00	\$1,783.00
DK Equipment Company		X	1	+		X	0	=	\$0.00	\$0.00
Cranesville Stone, Inc.	\$4,110.00	X	1	+	\$4,110.00	X	0	=	\$4,110.00	\$11,110.00
Headline Books	\$125.00	X	1	+	\$125.00	X	0	=	\$125.00	\$2,825.00
GEC, Inc.		X	1	+		X	0	=	\$0.00	\$0.00
Owens Industrial Commercial	\$1,096.00	X	1	+	\$1,096.00	X	0	=	\$1,096.00	\$21,396.00
Affordable Signs Unlimited		X	1	+		X	0	=	\$0.00	\$0.00
AI Corporation	\$1,000.00	X	1	+	\$1,000.00	X	0	=	\$1,000.00	\$4,400.00
Triple D Logging	\$685.00	X	1	+	\$685.00	X	0	=	\$685.00	\$2,285.00
Ad America		X	1	+		X	0	=	\$0.00	\$0.00
Matthews Bronze Corporation	\$109,589.00	X	1	+	\$109,589.00	X	0	=	\$109,589.00	\$219,589.00
ALJEZ Inc.		X	1	+		X	0	=	\$0.00	\$0.00
Taz Hardwoods	\$13,972.00	X	1	+	\$13,972.00	X	0	=	\$13,972.00	\$65,972.00
Shatters Printing		X	1	+		X	0	=	\$0.00	\$11,900.00
Phillips Precast Concrete Inc.	\$1,096.00	X	1	+	\$1,096.00	X	0	=	\$1,096.00	\$4,696.00
Press - Ex Printing	\$137.00	X	1	+	\$137.00	X	0	=	\$137.00	\$837.00
Hayes, Harry B. Lumber Company	\$500.00	X	1	+	\$500.00	X	0	=	\$500.00	\$1,300.00
Martin Marietta Aggregates		X	1	+		X	0	=	\$0.00	\$20,000.00
Virginia Furnace		X	1	+		X	0	=	\$0.00	\$0.00
Arthurdale Historic District		X	1	+		X	0	=	\$0.00	\$0.00
"Gaymont" (Brookside Inn)	\$137.00	X	1	+	\$137.00	X	0	=	\$137.00	\$19,637.00
Red Horse Tavern		X	1	+		X	0	=	\$0.00	\$0.00
Hagans Homestead		X	1	+		X	0	=	\$0.00	\$0.00
Elkins Coal and Coke Company Historic District		X	1	+		X	0	=	\$0.00	\$0.00
Reckart Mill		X	1	+		X	0	=	\$0.00	\$0.00

Name/Description of Structure	Average Daily Operating Budget (Step 3) (\$)	X	Functional Downtime (Step 4) (# of days)	+	Displacement Cost per Day (Step 3) (\$)	X	Displacement Time (Step 4) (\$)	=	Structure Use & Function Loss (\$)	Structure Loss + Content Loss + Function Loss (\$)
Kingwood Historic District		X	1	+		X	0	=	\$0.00	\$0.00
James Clark McGrew House		X	1	+		X	0	=	\$0.00	\$0.00
Ralph Snyder Decagonal Barn		X	1	+		X	0	=	\$0.00	\$0.00
Fairfax Stone Site		X	1	+		X	0	=	\$0.00	\$0.00
Colonel Thomas Brown House		X	1	+		X	0	=	\$0.00	\$0.00
James S. Lakin House		X	1	+		X	0	=	\$0.00	\$0.00
Terra Alta Bank		X	1	+		X	0	=	\$0.00	\$5,300.00
Tunnelton Railroad Depot		X	1	+		X	0	=	\$0.00	\$0.00
McKee Sky Ranch Airport (private)		X	1	+		X	0	=	\$0.00	\$0.00
Titus Field Airport (private)		X	1	+		X	0	=	\$0.00	\$6,300.00
Moore Field		X	1	+		X	0	=	\$0.00	\$5,500.00
Camp Dawson	\$1,507.00	X	1	+	\$1,507.00	X	0	=	\$1,507.00	\$1,357,307.00
Valley Point		X	1	+		X	0	=	\$0.00	\$5,100.00
Railroad		X	1	+		X	0	=	\$0.00	\$99,000.00
Roadways		X	1	+		X	0	=	\$0.00	\$20,745,700.00
Hamed Memorial Medical Clinic	\$1,800.00	X	1	+	\$1,800.00	X	0	=	\$1,800.00	\$13,300.00
Davis Clinic		X	1	+		X	0	=	\$0.00	\$0.00
Harriman Memorial Clinic		X	1	+		X	0	=	\$0.00	\$0.00
Preston Memorial Hospital		X	1	+		X	0	=	\$0.00	\$102,200.00
Cheat River Bridge No. 92		X	1	+		X	0	=	\$0.00	\$5,100.00
WV Route 7 Bridge		X	1	+		X	0	=	\$0.00	\$9,200.00
Co. Rt. 73/5 and Laurel Run Bridge		X	1	+		X	0	=	\$0.00	\$4,100.00
Interstate 68 Bridge		X	1	+		X	0	=	\$0.00	\$4,100.00
Co. Rt. 73/5 and Laurel Run Bridge		X	1	+		X	0	=	\$0.00	\$4,000.00
Interstate 68 Bridge		X	1	+		X	0	=	\$0.00	\$4,000.00
Cheat River Bridge		X	1	+		X	0	=	\$0.00	\$5,000.00
Cheat River Bridge		X	1	+		X	0	=	\$0.00	\$4,900.00
Sattlick Creek Bridge		X	1	+		X	0	=	\$0.00	\$5,200.00

Name/Description of Structure	Average Daily Operating Budget (Step 3) (\$)	X	Functional Downtime (Step 4) (# of days)	+	Displacement Cost per Day (Step 3) (\$)	X	Displacement Time (Step 4) (\$)	=	Structure Use & Function Loss (\$)	Structure Loss + Content Loss + Function Loss (\$)
Preston County Courthouse	\$11,829.00	X	1	+	\$11,829.00	X	0	=	\$11,829.00	\$38,829.00
U.S. Postal Office - Kingwood		X	1	+		X	0	=	\$0.00	\$0.00
U.S. Postal Office - Arthurdale	\$47.00	X	1	+	\$47.00	X	0	=	\$47.00	\$2,547.00
U.S. Postal Office - Reedsville	\$320.00	X	1	+	\$320.00	X	0	=	\$320.00	\$3,120.00
U.S. Postal Office - Bretz	\$52.00	X	1	+	\$52.00	X	0	=	\$52.00	\$1,852.00
U.S. Postal Office - Terra Alta		X	1	+		X	0	=	\$0.00	\$500.00
U.S. Postal Office - Tunnelton	\$1,054.00	X	1	+	\$1,054.00	X	0	=	\$1,054.00	\$2,554.00
U.S. Postal Office-Newburg	\$55.00	X	1	+	\$55.00	X	0	=	\$55.00	\$3,355.00
U.S. Postal Office - Masontown	\$49.00	X	1	+	\$49.00	X	0	=	\$49.00	\$2,249.00
U.S. Postal Office - Bruceton Mills	\$1,273.00	X	1	+	\$1,273.00	X	0	=	\$1,273.00	\$4,173.00
U.S. Postal Office-Rowlesburg	\$52.00	X	1	+	\$52.00	X	0	=	\$52.00	\$2,752.00
U.S. Postal Office - Aurora	\$49.00	X	1	+	\$49.00	X	0	=	\$49.00	\$1,549.00
U.S. Postal Office - Eglon	\$186.00	X	1	+	\$186.00	X	0	=	\$186.00	\$1,286.00
Town Hall - Albright	\$116.00	X	1	+	\$116.00	X	0	=	\$116.00	\$816.00
Town Hall - Brandonville		X	1	+		X	0	=	\$0.00	\$0.00
Town Hall - Bruceton Mills		X	1	+		X	0	=	\$0.00	\$0.00
City Hall - Kingwood	\$3,328.00	X	1	+	\$3,328.00	X	0	=	\$3,328.00	\$14,328.00
Town Hall - Masontown	\$342.47	X	1	+	\$342.47	X	0	=	\$342.47	\$842.47
Town Hall - Newburg		X	1	+		X	0	=	\$0.00	\$0.00
Town Hall - Rowlesburg	\$313.22	X	1	+	\$313.22	X	0	=	\$313.22	\$613.22
Town Hall-Tara Alta	\$479.45	X	1	+	\$479.45	X	0	=	\$479.45	\$4,579.45
State Police - Kingwood	\$767.00	X	1	+	\$767.00	X	0	=	\$767.00	\$2,267.00
Water Plant - Albright		X	1	+		X	0	=	\$0.00	\$0.00
Preston Co. PSD # 1		X	1	+		X	0	=	\$0.00	\$0.00
Arthurdale Water Association		X	1	+		X	0	=	\$0.00	\$0.00
Water Plant - Brandonville		X	1	+		X	0	=	\$0.00	\$0.00
Water Plant - Kingwood	\$605.00	X	1	+	\$605.00	X	0	=	\$605.00	\$20,105.00

Name/Description of Structure	Average Daily Operating Budget (Step 3) (\$)	X	Functional Downtime (Step 4) (# of days)	+	Displacement Cost per Day (Step 3) (\$)	X	Displacement Time (Step 4) (\$)	=	Structure Use & Function Loss (\$)	Structure Loss + Content Loss + Function Loss (\$)
Water Plant - Masontown	\$342.00	X	1	+	\$342.00	X	0	=	\$342.00	\$2,142.00
Water Plant - Rowlesburg	\$104.00	X	1	+	\$104.00	X	0	=	\$104.00	\$1,304.00
Water Plant - Terra Alta	\$616.00	X	1	+	\$616.00	X	0	=	\$616.00	\$9,416.00
Sewer Plant - Albright	\$107.00	X	1	+	\$107.00	X	0	=	\$107.00	\$1,407.00
Sewer Plant - Brandonville		X	1	+		X	0	=	\$0.00	\$0.00
Sewer Plant - Kingwood	\$1,369.00	X	1	+	\$1,369.00	X	0	=	\$1,369.00	\$24,869.00
Sewer Plant - Masontown	\$328.00	X	1	+	\$328.00	X	0	=	\$328.00	\$15,828.00
Sewer Plant - Newburg		X	1	+		X	0	=	\$0.00	\$0.00
Sewer Plant - Rowlesburg	\$55.00	X	1	+	\$55.00	X	0	=	\$55.00	\$255.00
Sewer Plant - Terra Alta		X	1	+		X	0	=	\$0.00	\$0.00
Hopemont Hospital	\$19,178.08	X	1	+	\$19,178.08	X	0	=	\$19,178.08	\$270,678.08
Valley Fuels	\$5,479.00	X	1	+	\$5,479.00	X	0	=	\$5,479.00	\$5,679.00
Peak Communications	\$164.00	X	1	+	\$164.00	X	0	=	\$164.00	\$2,064.00
Metal Creations	\$81.00	X	1	+	\$81.00	X	0	=	\$81.00	\$1,181.00
Greer Limestone Company	\$80,000.00	X	1	+	\$80,000.00	X	0	=	\$80,000.00	\$320,000.00
BB&T Masontown		X	1	+		X	0	=	\$0.00	\$3,000.00
BB&T Kingwood		X	1	+		X	0	=	\$0.00	\$7,500.00
BB&T Brucetonmills		X	1	+		X	0	=	\$0.00	\$3,000.00
Austin Powder Company		X	1	+		X	0	=	\$0.00	\$2,100.00
Kingwood Pharmacy		X	1	+		X	0	=	\$0.00	\$4,900.00
AT&T Earth Station		X	1	+		X	0	=	\$0.00	\$78,800.00
Windy Mill Manor		X	1	+		X	0	=	\$0.00	\$0.00
Albright Power Plant		X	1	+		X	0	=	\$0.00	\$0.00
<b>Total Loss to Structure Use &amp; Function</b>									<b>\$362,700.00</b>	<b>\$24,667,700.00</b>

**Hazard: Severe Thunderstorm**

<b>Structure Loss (Task A.1.)</b>					
Name/Description of Structure	Structure Replacement Value (Step 3) (\$)	X	Percent Damage (Step 4) (%)	=	Loss to Structure (\$)
Kingwood Public Library	\$517,500.00	X	0.25	=	\$1,300.00
Terra Alta Public Library	\$400,000.00	X	0.25	=	FALSE
Albright VFD	248500	X	0.50	=	\$1,200.00
Aurora VFD	\$400,000.00	X	0.50	=	\$2,000.00
Bruceton-Brandon VFD	\$480,000.00	X	0.50	=	\$2,400.00
Fellowsville VFD	\$350,000.00	X	0.25	=	\$900.00
Kingwood VFD	\$450,000.00	X	0.50	=	\$2,300.00
Masontown VFD	\$450,000.00	X	0.25	=	\$1,100.00
Mount Grove VFD		X	0.50	=	\$0.00
Newburg VFD		X	0.50	=	\$0.00
Reedsville VFD	\$350,000.00	X	0.50	=	\$1,800.00
Rowlesburg VFD		X	0.50	=	\$0.00
Terra Alta VFD	\$160,000.00	X	0.50	=	\$800.00
Tunnelton VFD		X	0.50	=	\$0.00
Mountaineer Ambulance Service Inc.		X	0.25	=	\$0.00
Terra Alta Ambulance Squad Inc.		X	0.25	=	\$0.00
Tunnelton Community Ambulance Service		X	0.25	=	\$0.00
Aurora Elementary School	\$3,585,900.00	X	0.25	=	\$9,000.00
Bruceton School	\$3,472,200.00	X	0.25	=	\$8,700.00
Central Preston Middle School	\$260,400.00	X	0.25	=	\$700.00
Fellowsville Elementary School	\$126,000.00	X	0.25	=	\$300.00
Kingwood Elementary School	\$115,200.00	X	0.25	=	\$300.00
Preston High School	\$2,110,050.00	X	0.25	=	\$5,300.00
Rowlesburg School	\$6,384,000.00	X	0.25	=	\$16,000.00
South Preston Middle School	\$114,300.00	X	0.25	=	\$300.00
Terra Alta / East Preston School	\$822,600.00	X	0.25	=	\$2,100.00

<b>Contents Loss (Task A.2.)</b>				
Replacement Value of Contents (Step 3) (\$)	X	Percent Damage (step 4) (%)	=	Loss to Contents (\$)
\$300,000.00	X	0.13	=	\$400.00
\$100,000.00	X	0.13	=	\$100.00
\$952,000.00	X	0.25	=	\$2,400.00
\$150,000.00	X	0.25	=	\$400.00
\$639,000.00	X	0.25	=	\$1,600.00
\$400,000.00	X	0.13	=	\$500.00
\$1,000,000.00	X	0.25	=	\$2,500.00
\$750,000.00	X	0.13	=	\$900.00
	X	0.25	=	\$0.00
	X	0.25	=	\$0.00
\$650,000.00	X	0.25	=	\$1,600.00
	X	0.25	=	\$0.00
\$750,000.00	X	0.25	=	\$1,900.00
	X	0.25	=	\$0.00
	X	0.13	=	\$0.00
	X	0.13	=	\$0.00
	X	0.13	=	\$0.00
\$1,195,300.00	X	0.13	=	\$1,500.00
\$1,157,400.00	X	0.13	=	\$1,400.00
\$86,800.00	X	0.13	=	\$100.00
\$42,000.00	X	0.13	=	\$100.00
\$38,400.00	X	0.13	=	\$0.00
\$703,350.00	X	0.13	=	\$900.00
\$2,128,000.00	X	0.13	=	\$2,700.00
\$38,100.00	X	0.13	=	\$0.00
\$274,250.00	X	0.13	=	\$300.00

Name/Description of Structure	Structure Replacement Value (Step 3) (\$)	X	Percent Damage (Step 4) (%)	=	Loss to Structure (\$)
Tunnelton - Denver Elementary School	\$1,529,100.00	X	0.25	=	\$3,800.00
Valley Elementary School	\$3,160,200.00	X	0.25	=	\$7,900.00
West Preston Middle School	\$882,000.00	X	0.25	=	\$2,200.00
Integrity Christian School		X	0.25	=	\$0.00
West Virginia Paving, Inc.		X	0.25	=	\$0.00
Grimm Lumber, Inc.		X	0.50	=	\$0.00
Coaltrain Corporation		X	0.25	=	\$0.00
Mary Ruth Corporation	\$300,000.00	X	0.25	=	\$800.00
Pretzell Excavating Co.,	\$200,000.00	X	0.25	=	\$500.00
Sharon Coal Company		X	0.25	=	\$0.00
Fibair - Division of Hollinee		X	0.50	=	\$0.00
Pioneer Press of West Virginia	\$420,000.00	X	0.25	=	\$1,100.00
Coastal Coal - Sub Coastal Corporation	\$850,000.00	X	0.50	=	\$4,300.00
Masontown Block Corporation	\$250,000.00	X	0.25	=	\$600.00
Preston Publications, Inc.	\$100,000.00	X	0.25	=	\$300.00
Arrowhead Machine Works	\$883,200.00	X	0.25	=	\$2,200.00
Coastal Lumber Company - Eglon	\$800,000.00	X	0.25	=	\$2,000.00
Jennmar Corporation	\$3,937,600.00	X	0.25	=	\$9,800.00
Preston Machine Enterprises	\$500,000.00	X	0.25	=	\$1,300.00
Hazelton Milling Company	\$1,035,000.00	X	0.50	=	\$5,200.00
Custom Inflatables, Inc.	\$345,000.00	X	0.50	=	\$1,700.00
Interstate Hardwoods		X	0.25	=	\$0.00
Coastal Lumber Company - Bruceeton Mills	\$1,000,000.00	X	0.25	=	\$2,500.00
Cheat River Wood Products, Inc.		X	0.25	=	\$0.00
C & T Lumber	\$10,000.00	X	0.25	=	\$0.00
4D Logging	\$150,000.00	X	0.25	=	\$400.00
D & C, L.L.C.	\$550,000.00	X	0.25	=	\$1,400.00
Allegheny Wood Products, Inc. - Kingwood		X	0.25	=	\$0.00

Replacement Value of Contents (Step 3) (\$)	X	Percent Damage (step 4) (%)	=	Loss to Contents (\$)
\$509,700.00	X	0.13	=	\$600.00
\$1,053,400.00	X	0.13	=	\$1,300.00
\$294,000.00	X	0.13	=	\$400.00
	X	0.13	=	\$0.00
	X	0.13	=	\$0.00
	X	0.25	=	\$0.00
	X	0.13	=	\$0.00
\$150,000.00	X	0.13	=	\$200.00
\$100,000.00	X	0.13	=	\$100.00
	X	0.13	=	\$0.00
	X	0.25	=	\$0.00
\$900,000.00	X	0.13	=	\$1,100.00
\$1,000,000.00	X	0.25	=	\$2,500.00
\$750,000.00	X	0.13	=	\$900.00
\$360,000.00	X	0.13	=	\$500.00
\$1,000,000.00	X	0.13	=	\$1,300.00
\$750,000.00	X	0.13	=	\$900.00
\$3,937,600.00	X	0.13	=	\$4,900.00
\$1,000,000.00	X	0.13	=	\$1,300.00
\$1,035,000.00	X	0.25	=	\$2,600.00
\$125,000.00	X	0.25	=	\$300.00
	X	0.13	=	\$0.00
\$2,000,000.00	X	0.13	=	\$2,500.00
	X	0.13	=	\$0.00
\$75,000.00	X	0.13	=	\$100.00
\$200,000.00	X	0.13	=	\$300.00
\$70,000.00	X	0.13	=	\$100.00
	X	0.13	=	\$0.00



Name/Description of Structure	Structure Replacement Value (Step 3) (\$)	X	Percent Damage (Step 4) (%)	=	Loss to Structure (\$)
Colonel Thomas Brown House		X	0.25	=	\$0.00
James S. Lakin House		X	0.25	=	\$0.00
Terra Alta Bank	\$500,000.00	X	0.25	=	\$1,300.00
Tunnelton Railroad Depot		X	0.25	=	\$0.00
McKee Sky Ranch Airport (private)		X	0.25	=	\$0.00
Titus Field Airport (private)	\$211,200.00	X	0.25	=	\$500.00
Moore Field	\$184,800.00	X	0.25	=	\$500.00
Camp Dawson	\$67,427,784.00	X	0.25	=	\$168,600.00
Valley Point	\$313,600.00	X	0.25	=	\$800.00
Railroad	\$19,794,400.00	X	0.00	=	\$0.00
Roadways	\$4,149,130,000.00	X	0.00	=	\$0.00
Hamed Memorial Medical Clinic	\$716,800.00	X	0.25	=	\$1,800.00
Davis Clinic		X	0.25	=	\$0.00
Harriman Memorial Clinic		X	0.25	=	\$0.00
Preston Memorial Hospital	\$6,720,000.00	X	0.25	=	\$16,800.00
Cheat River Bridge No. 92	\$1,024,000.00	X	0.25	=	\$2,600.00
WV Route 7 Bridge	\$1,849,600.00	X	0.25	=	\$4,600.00
Co. Rt. 73/5 and Laurel Run Bridge	\$825,600.00	X	0.25	=	\$2,100.00
Interstate 68 Bridge	\$825,600.00	X	0.25	=	\$2,100.00
Co. Rt. 73/5 and Laurel Run Bridge	\$793,600.00	X	0.25	=	\$2,000.00
Interstate 68 Bridge	\$793,600.00	X	0.25	=	\$2,000.00
Cheat River Bridge	\$1,008,000.00	X	0.25	=	\$2,500.00
Cheat River Bridge	\$979,200.00	X	0.25	=	\$2,400.00
Saltlick Creek Bridge	\$1,043,200.00	X	0.25	=	\$2,600.00
Preston County Courthouse	\$2,329,565.00	X	0.25	=	\$5,800.00
U.S. Postal Office - Kingwood		X	0.25	=	\$0.00
U.S. Postal Office - Arthurdale	\$168,960.00	X	0.25	=	\$400.00
U.S. Postal Office - Reedsville	\$271,920.00	X	0.25	=	\$700.00
U.S. Postal Office - Bretz	\$123,200.00	X	0.25	=	\$300.00

Replacement Value of Contents (Step 3) (\$)	X	Percent Damage (step 4) (%)	=	Loss to Contents (\$)
	X	0.13	=	\$0.00
	X	0.13	=	\$0.00
\$50,000.00	X	0.13	=	\$100.00
	X	0.13	=	\$0.00
	X	0.13	=	\$0.00
\$211,200.00	X	0.13	=	\$300.00
\$184,800.00	X	0.13	=	\$200.00
\$722,000.00	X	0.13	=	\$900.00
\$400,000.00	X	0.13	=	\$500.00
	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
\$850,000.00	X	0.13	=	\$1,100.00
	X	0.13	=	\$0.00
	X	0.13	=	\$0.00
\$7,000,000.00	X	0.13	=	\$8,800.00
	X	0.13	=	\$0.00
	X	0.13	=	\$0.00
	X	0.13	=	\$0.00
	X	0.13	=	\$0.00
	X	0.13	=	\$0.00
\$731,442.00	X	0.13	=	\$900.00
	X	0.13	=	\$0.00
\$168,960.00	X	0.13	=	\$200.00
\$20,000.00	X	0.13	=	\$0.00
\$123,200.00	X	0.13	=	\$200.00

Name/Description of Structure	Structure Replacement Value (Step 3) (\$)	X	Percent Damage (Step 4) (%)	=	Loss to Structure (\$)
U.S. Postal Office - Terra Alta	\$30,000.00	X	0.25	=	\$100.00
U.S. Postal Office - Tunnelton	132000	X	0.25	=	\$300.00
U.S. Postal Office-Newburg	\$220,000.00	X	0.25	=	\$600.00
U.S. Postal Office - Masontown	\$211,200.00	X	0.25	=	\$500.00
U.S. Postal Office - Bruceton Mills	\$193,600.00	X	0.25	=	\$500.00
U.S. Postal Office- Rowlesburg	\$176,000.00	X	0.25	=	\$400.00
U.S. Postal Office - Aurora	\$140,800.00	X	0.25	=	\$400.00
U.S. Postal Office - Eglon	\$105,600.00	X	0.25	=	\$300.00
Town Hall - Albright	\$55,000.00	X	0.25	=	\$100.00
Town Hall - Brandonsville		X	0.25	=	\$0.00
Town Hall - Bruceton Mills		X	0.25	=	\$0.00
City Hall - Kingwood	\$500,000.00	X	0.25	=	\$1,300.00
Town Hall - Masontown	\$35,000.00	X	0.25	=	\$100.00
Town Hall - Newburg		X	0.25	=	\$0.00
Town Hall - Rowlesburg	\$25,755.00	X	0.25	=	\$100.00
Town Hall-Tara Alta	\$400,000.00	X	0.25	=	\$1,000.00
State Police - Kingwood	\$100,000.00	X	0.25	=	\$300.00
Water Plant - Albright		X	0.25	=	\$0.00
Preston Co. PSD # 1		X	0.25	=	\$0.00
Arthurdale Water Association		X	0.25	=	\$0.00
Water Plant - Brandonville		X	0.25	=	\$0.00
Water Plant - Kingwood	\$1,200,000.00	X	0.25	=	\$3,000.00
Water Plant - Masontown	\$150,000.00	X	0.25	=	\$400.00
Water Plant - Rowlesburg	\$82,417.00	X	0.25	=	\$200.00
Water Plant - Terra Alta	\$834,000.00	X	0.25	=	\$2,100.00
Sewer Plant - Albright	\$125,000.00	X	0.25	=	\$300.00
Sewer Plant - Brandonville		X	0.25	=	\$0.00
Sewer Plant - Kingwood	\$1,150,000.00	X	0.25	=	\$2,900.00
Sewer Plant - Masontown	\$1,052,500.00	X	0.25	=	\$2,600.00
Sewer Plant - Newburg		X	0.25	=	\$0.00

Replacement Value of Contents (Step 3) (\$)	X	Percent Damage (step 4) (%)	=	Loss to Contents (\$)
\$30,000.00	X	0.13	=	\$0.00
\$30,000.00	X	0.13	=	\$0.00
\$220,000.00	X	0.13	=	\$300.00
\$15,000.00	X	0.13	=	\$0.00
\$193,600.00	X	0.13	=	\$200.00
\$176,000.00	X	0.13	=	\$200.00
\$10,000.00	X	0.13	=	\$0.00
\$8,000.00	X	0.13	=	\$0.00
\$15,000.00	X	0.13	=	\$0.00
	X	0.13	=	\$0.00
	X	0.13	=	\$0.00
\$1,200,000.00	X	0.13	=	\$1,500.00
\$10,000.00	X	0.13	=	\$0.00
	X	0.13	=	\$0.00
\$2,000.00	X	0.13	=	\$0.00
\$20,000.00	X	0.13	=	\$0.00
\$100,000.00	X	0.13	=	\$100.00
	X	0.13	=	\$0.00
	X	0.13	=	\$0.00
	X	0.13	=	\$0.00
\$1,500,000.00	X	0.13	=	\$1,900.00
\$50,000.00	X	0.13	=	\$100.00
\$82,417.00	X	0.13	=	\$100.00
\$100,000.00	X	0.13	=	\$100.00
\$5,000.00	X	0.13	=	\$0.00
	X	0.13	=	\$0.00
\$2,400,000.00	X	0.13	=	\$3,000.00
\$1,000,000.00	X	0.13	=	\$1,300.00
	X	0.13	=	\$0.00

Name/Description of Structure	Structure Replacement Value (Step 3) (\$)	X	Percent Damage (Step 4) (%)	=	Loss to Structure (\$)
Sewer Plant - Rowlesburg	\$10,000.00	X	0.25	=	\$0.00
Sewer Plant - Terra Alta		X	0.25	=	\$0.00
Hopemont Hospital	\$25,000,000.00	X	0.25	=	\$62,500.00
Valley Fuels	\$1,500.00	X	0.25	=	\$0.00
Peak Communications	\$70,000.00	X	0.25	=	\$200.00
Metal Creations	\$75,000.00	X	0.25	=	\$200.00
Greer Limestone Company	\$20,000,000.00	X	0.25	=	\$50,000.00
BB&T Masontown	200000	X	0.25	=	\$500.00
BB&T Kingwood	\$500,000.00	X	0.25	=	\$1,300.00
BB&T Brucetonmills	200000	X	0.25	=	\$500.00
Austin Powder Company	\$125,000.00	X	0.25	=	\$300.00
Kingwood Pharmacy	340000	X	0.25	=	\$900.00
AT&T Earth Station	\$5,733,300.00	X	0.25	=	\$14,300.00
Windy Mill Manor		X	0.25	=	\$0.00
Albright Power Plant		X	0.25	=	\$0.00
					<b>\$491,900.00</b>

Replacement Value of Contents (Step 3) (\$)	X	Percent Damage (step 4) (%)	=	Loss to Contents (\$)
\$20,000.00	X	0.13	=	\$0.00
	X	0.13	=	\$0.00
\$300,000.00	X	0.13	=	\$400.00
\$30,000.00	X	0.13	=	\$0.00
\$50,000.00	X	0.13	=	\$100.00
\$50,000.00	X	0.13	=	\$100.00
\$8,000,000.00	X	0.13	=	\$10,000.00
\$200,000.00	X	0.13	=	\$300.00
\$500,000.00	X	0.13	=	\$600.00
\$200,000.00	X	0.13	=	\$300.00
\$165,000.00	X	0.13	=	\$200.00
\$300,000.00	X	0.13	=	\$400.00
\$4,299,975.00	X	0.13	=	\$5,400.00
	X	0.13	=	\$0.00
	X	0.13	=	\$0.00
				<b>\$115,900.00</b>

Structure Use and Function Loss (Task A.3.)										
Name/Description of Structure	Average Daily Operating Budget (Step 3) (\$)	X	Functional Downtime (Step 4) (# of days)	+	Displacement Cost per Day (Step 3) (\$)	X	Displacement Time (Step 4) (\$)	=	Structure Use & Function Loss (\$)	Structure Loss + Content Loss + Function Loss (\$)
Kingwood Public Library	\$410.00	X	0	+	\$410.00	X	0	=	\$0.00	\$1,700.00
Terra Alta Public Library	\$142.47	X	0	+	\$142.47	X	0	=	\$0.00	\$100.00
Albright VFD	\$150.00	X	0	+	\$150.00	X	0	=	\$0.00	\$3,600.00
Aurora VFD		X	0	+		X	0	=	\$0.00	\$2,400.00
Bruce-ton-Brandon VFD	\$330.00	X	0	+	\$330.00	X	0	=	\$0.00	\$4,000.00
Fellowsville VFD	\$274.00	X	0	+	\$274.00	X	0	=	\$0.00	\$1,400.00
Kingwood VFD	\$110.00	X	0	+	\$110.00	X	0	=	\$0.00	\$4,800.00
Masontown VFD	\$1,200.00	X	0	+	\$1,200.00	X	0	=	\$0.00	\$2,000.00
Mount Grove VFD		X	0	+		X	0	=	\$0.00	\$0.00
Newburg VFD		X	0	+		X	0	=	\$0.00	\$0.00
Reedsville VFD	\$275.00	X	0	+	\$275.00	X	0	=	\$0.00	\$3,400.00
Rowlesburg VFD		X	0	+		X	0	=	\$0.00	\$0.00
Terra Alta VFD	\$137.00	X	0	+	\$137.00	X	0	=	\$0.00	\$2,700.00
Tunnelton VFD		X	0	+		X	0	=	\$0.00	\$0.00
Mountaineer Ambulance Service Inc.		X	0	+		X	0	=	\$0.00	\$0.00
Terra Alta Ambulance Squad Inc.		X	0	+		X	0	=	\$0.00	\$0.00
Tunnelton Community Ambulance Service		X	0	+		X	0	=	\$0.00	\$0.00
Aurora Elementary School	\$2,507.00	X	0	+	\$2,507.00	X	0	=	\$0.00	\$10,500.00
Bruce-ton School	\$6,493.00	X	0	+	\$6,493.00	X	0	=	\$0.00	\$10,100.00
Central Preston Middle School	\$4,562.00	X	0	+	\$4,562.00	X	0	=	\$0.00	\$800.00
Fellowsville Elementary School	\$2,603.00	X	0	+	\$2,603.00	X	0	=	\$0.00	\$400.00
Kingwood Elementary School	\$9,356.16	X	0	+	\$9,356.16	X	0	=	\$0.00	\$300.00
Preston High School	\$23,000.00	X	0	+	\$23,000.00	X	0	=	\$0.00	\$6,200.00
Rowlesburg School	\$2,849.32	X	0	+	\$2,849.32	X	0	=	\$0.00	\$18,700.00
South Preston Middle School	\$2,972.60	X	0	+	\$2,972.60	X	0	=	\$0.00	\$300.00

Name/Description of Structure	Average Daily Operating Budget (Step 3) (\$)	X	Functional Downtime (Step 4) (# of days)	+	Displacement Cost per Day (Step 3) (\$)	X	Displacement Time (Step 4) (\$)	=	Structure Use & Function Loss (\$)	Structure Loss + Content Loss + Function Loss (\$)
Terra Alta / East Preston School	\$7,534.25	X	0	+	\$7,534.25	X	0	=	\$0.00	\$2,400.00
Tunnelton - Denver Elementary School	\$3,260.27	X	0	+	\$3,260.27	X	0	=	\$0.00	\$4,400.00
Valley Elementary School	\$6,561.64	X	0	+	\$6,561.64	X	0	=	\$0.00	\$9,200.00
West Preston Middle School	\$2,986.30	X	0	+	\$2,986.30	X	0	=	\$0.00	\$2,600.00
Integrity Christian School		X	0	+		X	0	=	\$0.00	\$0.00
West Virginia Paving, Inc.		X	0	+		X	0	=	\$0.00	\$0.00
Grimm Lumber, Inc.		X	0	+		X	0	=	\$0.00	\$0.00
Coaltrain Corporation		X	0	+		X	0	=	\$0.00	\$0.00
Mary Ruth Corporation	\$685.00	X	0	+	\$685.00	X	0	=	\$0.00	\$1,000.00
Pretzell Excavating Co.,	\$1,370.00	X	0	+	\$1,370.00	X	0	=	\$0.00	\$600.00
Sharon Coal Company		X	0	+		X	0	=	\$0.00	\$0.00
Fibair - Division of Hollinee		X	0	+		X	0	=	\$0.00	\$0.00
Pioneer Press of West Virginia	\$2,055.00	X	0	+	\$2,055.00	X	0	=	\$0.00	\$2,200.00
Coastal Coal - Sub Coastal Corporation		X	0	+		X	0	=	\$0.00	\$6,800.00
Masontown Block Corporation	\$1,370.00	X	0	+	\$1,370.00	X	0	=	\$0.00	\$1,500.00
Preston Publications, Inc.	\$1,918.00	X	0	+	\$1,918.00	X	0	=	\$0.00	\$800.00
Arrowhead Machine Works	\$548.00	X	0	+	\$548.00	X	0	=	\$0.00	\$3,500.00
Coastal Lumber Company - Eglon	\$2,131.00	X	0	+	\$2,131.00	X	0	=	\$0.00	\$2,900.00
Jenmar Corporation	\$274.00	X	0	+	\$274.00	X	0	=	\$0.00	\$14,700.00
Preston Machine Enterprises	\$2,740.00	X	0	+	\$2,740.00	X	0	=	\$0.00	\$2,600.00
Hazelton Milling Company	\$220.00	X	0	+	\$220.00	X	0	=	\$0.00	\$7,800.00
Custom Inflatables, Inc.	\$342.00	X	0	+	\$342.00	X	0	=	\$0.00	\$2,000.00
Interstate Hardwoods		X	0	+		X	0	=	\$0.00	\$0.00
Coastal Lumber Company - Bruceton Mills	\$4,262.00	X	0	+	\$4,262.00	X	0	=	\$0.00	\$5,000.00
Cheat River Wood Products, Inc.		X	0	+		X	0	=	\$0.00	\$0.00
C & T Lumber	\$822.00	X	0	+	\$822.00	X	0	=	\$0.00	\$100.00
4D Logging	\$1,370.00	X	0	+	\$1,370.00	X	0	=	\$0.00	\$700.00

Name/Description of Structure	Average Daily Operating Budget (Step 3) (\$)	X	Functional Downtime (Step 4) (# of days)	+	Displacement Cost per Day (Step 3) (\$)	X	Displacement Time (Step 4) (\$)	=	Structure Use & Function Loss (\$)	Structure Loss + Content Loss + Function Loss (\$)
D & C, L.L.C.	\$274.00	X	0	+	\$274.00	X	0	=	\$0.00	\$1,500.00
Allegheny Wood Products, Inc. - Kingwood		X	0	+		X	0	=	\$0.00	\$0.00
Allegheny Wood Products, Inc. - Hazelton		X	0	+		X	0	=	\$0.00	\$0.00
Birdscreek Repair	\$83.00	X	0	+	\$83.00	X	0	=	\$0.00	\$400.00
DK Equipment Company		X	0	+		X	0	=	\$0.00	\$0.00
Cranesville Stone, Inc.	\$4,110.00	X	0	+	\$4,110.00	X	0	=	\$0.00	\$1,800.00
Headline Books	\$125.00	X	0	+	\$125.00	X	0	=	\$0.00	\$400.00
GEC, Inc.		X	0	+		X	0	=	\$0.00	\$0.00
Owens Industrial Commercial	\$1,096.00	X	0	+	\$1,096.00	X	0	=	\$0.00	\$5,100.00
Affordable Signs Unlimited		X	0	+		X	0	=	\$0.00	\$0.00
AI Corporation	\$1,000.00	X	0	+	\$1,000.00	X	0	=	\$0.00	\$1,800.00
Triple D Logging	\$685.00	X	0	+	\$685.00	X	0	=	\$0.00	\$200.00
Ad America		X	0	+		X	0	=	\$0.00	\$0.00
Matthews Bronze Corporation	\$109,589.00	X	0	+	\$109,589.00	X	0	=	\$0.00	\$27,500.00
ALJEZ Inc.		X	0	+		X	0	=	\$0.00	\$0.00
Taz Hardwoods	\$13,972.00	X	0	+	\$13,972.00	X	0	=	\$0.00	\$6,500.00
Shatters Printing		X	0	+		X	0	=	\$0.00	\$1,400.00
Phillips Precast Concrete Inc.	\$1,096.00	X	0	+	\$1,096.00	X	0	=	\$0.00	\$900.00
Press - Ex Printing	\$137.00	X	0	+	\$137.00	X	0	=	\$0.00	\$100.00
Hayes, Harry B. Lumber Company	\$500.00	X	0	+	\$500.00	X	0	=	\$0.00	\$100.00
Martin Marietta Aggregates		X	0	+		X	0	=	\$0.00	\$5,000.00
Virginia Furnace		X	0	+		X	0	=	\$0.00	\$0.00
Arthurdale Historic District		X	0	+		X	0	=	\$0.00	\$0.00
"Gaymont" (Brookside Inn)	\$137.00	X	0	+	\$137.00	X	0	=	\$0.00	\$2,500.00
Red Horse Tavern		X	0	+		X	0	=	\$0.00	\$0.00
Hagans Homestead		X	0	+		X	0	=	\$0.00	\$0.00
Elkins Coal and Coke Company Historic District		X	0	+		X	0	=	\$0.00	\$0.00
Reckart Mill		X	0	+		X	0	=	\$0.00	\$0.00

Name/Description of Structure	Average Daily Operating Budget (Step 3) (\$)	X	Functional Downtime (Step 4) (# of days)	+	Displacement Cost per Day (Step 3) (\$)	X	Displacement Time (Step 4) (\$)	=	Structure Use & Function Loss (\$)	Structure Loss + Content Loss + Function Loss (\$)
Kingwood Historic District		X	0	+		X	0	=	\$0.00	\$0.00
James Clark McGrew House		X	0	+		X	0	=	\$0.00	\$0.00
Ralph Snyder Decagonal Barn		X	0	+		X	0	=	\$0.00	\$0.00
Fairfax Stone Site		X	0	+		X	0	=	\$0.00	\$0.00
Colonel Thomas Brown House		X	0	+		X	0	=	\$0.00	\$0.00
James S. Lakin House		X	0	+		X	0	=	\$0.00	\$0.00
Terra Alta Bank		X	0	+		X	0	=	\$0.00	\$1,400.00
Tunnelton Railroad Depot		X	0	+		X	0	=	\$0.00	\$0.00
McKee Sky Ranch Airport (private)		X	0	+		X	0	=	\$0.00	\$0.00
Titus Field Airport (private)		X	0	+		X	0	=	\$0.00	\$800.00
Moore Field		X	0	+		X	0	=	\$0.00	\$700.00
Camp Dawson	\$1,507.00	X	0	+	\$1,507.00	X	0	=	\$0.00	\$169,500.00
Valley Point		X	0	+		X	0	=	\$0.00	\$1,300.00
Railroad		X	0	+		X	0	=	\$0.00	\$0.00
Roadways		X	0	+		X	0	=	\$0.00	\$0.00
Hamed Memorial Medical Clinic	\$1,800.00	X	0	+	\$1,800.00	X	0	=	\$0.00	\$2,900.00
Davis Clinic		X	0	+		X	0	=	\$0.00	\$0.00
Harriman Memorial Clinic		X	0	+		X	0	=	\$0.00	\$0.00
Preston Memorial Hospital		X	0	+		X	0	=	\$0.00	\$25,600.00
Cheat River Bridge No. 92		X	0	+		X	0	=	\$0.00	\$2,600.00
WV Route 7 Bridge		X	0	+		X	0	=	\$0.00	\$4,600.00
Co. Rt. 73/5 and Laurel Run Bridge		X	0	+		X	0	=	\$0.00	\$2,100.00
Interstate 68 Bridge		X	0	+		X	0	=	\$0.00	\$2,100.00
Co. Rt. 73/5 and Laurel Run Bridge		X	0	+		X	0	=	\$0.00	\$2,000.00
Interstate 68 Bridge		X	0	+		X	0	=	\$0.00	\$2,000.00
Cheat River Bridge		X	0	+		X	0	=	\$0.00	\$2,500.00
Cheat River Bridge		X	0	+		X	0	=	\$0.00	\$2,400.00
Sattlick Creek Bridge		X	0	+		X	0	=	\$0.00	\$2,600.00

Name/Description of Structure	Average Daily Operating Budget (Step 3) (\$)	X	Functional Downtime (Step 4) (# of days)	+	Displacement Cost per Day (Step 3) (\$)	X	Displacement Time (Step 4) (\$)	=	Structure Use & Function Loss (\$)	Structure Loss + Content Loss + Function Loss (\$)
Preston County Courthouse	\$11,829.00	X	0	+	\$11,829.00	X	0	=	\$0.00	\$6,700.00
U.S. Postal Office - Kingwood		X	0	+		X	0	=	\$0.00	\$0.00
U.S. Postal Office - Arthurdale	\$47.00	X	0	+	\$47.00	X	0	=	\$0.00	\$600.00
U.S. Postal Office - Reedsville	\$320.00	X	0	+	\$320.00	X	0	=	\$0.00	\$700.00
U.S. Postal Office - Bretz	\$52.00	X	0	+	\$52.00	X	0	=	\$0.00	\$500.00
U.S. Postal Office - Terra Alta		X	0	+		X	0	=	\$0.00	\$100.00
U.S. Postal Office - Tunnelton	\$1,054.00	X	0	+	\$1,054.00	X	0	=	\$0.00	\$300.00
U.S. Postal Office-Newburg	\$55.00	X	0	+	\$55.00	X	0	=	\$0.00	\$900.00
U.S. Postal Office - Masontown	\$49.00	X	0	+	\$49.00	X	0	=	\$0.00	\$500.00
U.S. Postal Office - Bruceton Mills	\$1,273.00	X	0	+	\$1,273.00	X	0	=	\$0.00	\$700.00
U.S. Postal Office-Rowlesburg	\$52.00	X	0	+	\$52.00	X	0	=	\$0.00	\$600.00
U.S. Postal Office - Aurora	\$49.00	X	0	+	\$49.00	X	0	=	\$0.00	\$400.00
U.S. Postal Office - Eglon	\$186.00	X	0	+	\$186.00	X	0	=	\$0.00	\$300.00
Town Hall - Albright	\$116.00	X	0	+	\$116.00	X	0	=	\$0.00	\$100.00
Town Hall - Brandonville		X	0	+		X	0	=	\$0.00	\$0.00
Town Hall - Bruceton Mills		X	0	+		X	0	=	\$0.00	\$0.00
City Hall - Kingwood	\$3,328.00	X	0	+	\$3,328.00	X	0	=	\$0.00	\$2,800.00
Town Hall - Masontown	\$342.47	X	0	+	\$342.47	X	0	=	\$0.00	\$100.00
Town Hall - Newburg		X	0	+		X	0	=	\$0.00	\$0.00
Town Hall - Rowlesburg	\$313.22	X	0	+	\$313.22	X	0	=	\$0.00	\$100.00
Town Hall-Tara Alta	\$479.45	X	0	+	\$479.45	X	0	=	\$0.00	\$1,000.00
State Police - Kingwood	\$767.00	X	0	+	\$767.00	X	0	=	\$0.00	\$400.00
Water Plant - Albright		X	0	+		X	0	=	\$0.00	\$0.00
Preston Co. PSD # 1		X	0	+		X	0	=	\$0.00	\$0.00
Arthurdale Water Association		X	0	+		X	0	=	\$0.00	\$0.00
Water Plant - Brandonville		X	0	+		X	0	=	\$0.00	\$0.00
Water Plant - Kingwood	\$605.00	X	0	+	\$605.00	X	0	=	\$0.00	\$4,900.00

Name/Description of Structure	Average Daily Operating Budget (Step 3) (\$)	X	Functional Downtime (Step 4) (# of days)	+	Displacement Cost per Day (Step 3) (\$)	X	Displacement Time (Step 4) (\$)	=	Structure Use & Function Loss (\$)	Structure Loss + Content Loss + Function Loss (\$)
Water Plant - Masontown	\$342.00	X	0	+	\$342.00	X	0	=	\$0.00	\$500.00
Water Plant - Rowlesburg	\$104.00	X	0	+	\$104.00	X	0	=	\$0.00	\$300.00
Water Plant - Terra Alta	\$616.00	X	0	+	\$616.00	X	0	=	\$0.00	\$2,200.00
Sewer Plant - Albright	\$107.00	X	0	+	\$107.00	X	0	=	\$0.00	\$300.00
Sewer Plant - Brandonville		X	0	+		X	0	=	\$0.00	\$0.00
Sewer Plant - Kingwood	\$1,369.00	X	0	+	\$1,369.00	X	0	=	\$0.00	\$5,900.00
Sewer Plant - Masontown	\$328.00	X	0	+	\$328.00	X	0	=	\$0.00	\$3,900.00
Sewer Plant - Newburg		X	0	+		X	0	=	\$0.00	\$0.00
Sewer Plant - Rowlesburg	\$55.00	X	0	+	\$55.00	X	0	=	\$0.00	\$0.00
Sewer Plant - Terra Alta		X	0	+		X	0	=	\$0.00	\$0.00
Hopemont Hospital	\$19,178.08	X	0	+	\$19,178.08	X	0	=	\$0.00	\$62,900.00
Valley Fuels	\$5,479.00	X	0	+	\$5,479.00	X	0	=	\$0.00	\$0.00
Peak Communications	\$164.00	X	0	+	\$164.00	X	0	=	\$0.00	\$300.00
Metal Creations	\$81.00	X	0	+	\$81.00	X	0	=	\$0.00	\$300.00
Greer Limestone Company	\$80,000.00	X	0	+	\$80,000.00	X	0	=	\$0.00	\$60,000.00
BB&T Masontown		X	0	+		X	0	=	\$0.00	\$800.00
BB&T Kingwood		X	0	+		X	0	=	\$0.00	\$1,900.00
BB&T Brucetonmills		X	0	+		X	0	=	\$0.00	\$800.00
Austin Powder Company		X	0	+		X	0	=	\$0.00	\$500.00
Kingwood Pharmacy		X	0	+		X	0	=	\$0.00	\$1,300.00
AT&T Earth Station		X	0	+		X	0	=	\$0.00	\$19,700.00
Windy Mill Manor		X	0	+		X	0	=	\$0.00	\$0.00
Albright Power Plant		X	0	+		X	0	=	\$0.00	\$0.00
									<b>\$0.00</b>	<b>\$607,800.00</b>

**Hazard: Landslide**

<b>Structure Loss (Task A.1.)</b>					
Name/Description of Structure	Structure Replacement Value (Step 3) (\$)	X	Percent Damage (Step 4) (%)	=	Loss to Structure (\$)
Kingwood Public Library	\$517,500.00	X	0.25	=	\$1,300.00
Terra Alta Public Library	\$400,000.00	X	0.25	=	\$1,000.00
Albright VFD	248500	X	0.25	=	\$600.00
Aurora VFD	\$400,000.00	X	0.25	=	\$1,000.00
Bruceton-Brandon VFD	\$480,000.00	X	0.25	=	\$1,200.00
Fellowsville VFD	\$350,000.00	X	0.50	=	\$1,800.00
Kingwood VFD	\$450,000.00	X	0.25	=	\$1,100.00
Masontown VFD	\$450,000.00	X	0.50	=	\$2,300.00
Mount Grove VFD		X	0.25	=	\$0.00
Newburg VFD		X	0.50	=	\$0.00
Reedsville VFD	\$350,000.00	X	0.25	=	\$900.00
Rowlesburg VFD		X	0.25	=	\$0.00
Terra Alta VFD	\$160,000.00	X	0.75	=	\$1,200.00
Tunnelton VFD		X	0.25	=	\$0.00
Mountaineer Ambulance Service Inc.		X	0.50	=	\$0.00
Terra Alta Ambulance Squad Inc.		X	0.75	=	\$0.00
Tunnelton Community Ambulance Service		X	0.25	=	\$0.00
Aurora Elementary School	\$3,585,900.00	X	0.75	=	\$26,900.00
Bruceton School	\$3,472,200.00	X	0.75	=	\$26,000.00
Central Preston Middle School	\$260,400.00	X	0.25	=	\$700.00
Fellowsville Elementary School	\$126,000.00	X	0.50	=	\$600.00
Kingwood Elementary School	\$115,200.00	X	0.25	=	\$300.00
Preston High School	\$2,110,050.00	X	0.50	=	\$10,600.00
Rowlesburg School	\$6,384,000.00	X	0.25	=	\$16,000.00
South Preston Middle School	\$114,300.00	X	0.25	=	\$300.00
Terra Alta / East Preston School	\$822,600.00	X	0.75	=	\$6,200.00

<b>Contents Loss (Task A.2.)</b>				
Replacement Value of Contents (Step 3) (\$)	X	Percent Damage (step 4) (%)	=	Loss to Contents (\$)
\$300,000.00	X	0.13	=	\$400.00
\$100,000.00	X	0.13	=	\$100.00
\$952,000.00	X	0.13	=	\$1,200.00
\$150,000.00	X	0.13	=	\$200.00
\$639,000.00	X	0.13	=	\$800.00
\$400,000.00	X	0.25	=	\$1,000.00
\$1,000,000.00	X	0.13	=	\$1,300.00
\$750,000.00	X	0.25	=	\$1,900.00
	X	0.13	=	\$0.00
	X	0.25	=	\$0.00
\$650,000.00	X	0.13	=	\$800.00
	X	0.13	=	\$0.00
\$750,000.00	X	0.38	=	\$2,800.00
	X	0.13	=	\$0.00
	X	0.25	=	\$0.00
	X	0.38	=	\$0.00
	X	0.13	=	\$0.00
\$1,195,300.00	X	0.38	=	\$4,500.00
\$1,157,400.00	X	0.38	=	\$4,300.00
\$86,800.00	X	0.13	=	\$100.00
\$42,000.00	X	0.25	=	\$100.00
\$38,400.00	X	0.13	=	\$0.00
\$703,350.00	X	0.25	=	\$1,800.00
\$2,128,000.00	X	0.13	=	\$2,700.00
\$38,100.00	X	0.13	=	\$0.00
\$274,250.00	X	0.38	=	\$1,000.00

Name/Description of Structure	Structure Replacement Value (Step 3) (\$)	X	Percent Damage (Step 4) (%)	=	Loss to Structure (\$)
Tunnelton - Denver Elementary School	\$1,529,100.00	X	0.50	=	\$7,600.00
Valley Elementary School	\$3,160,200.00	X	0.25	=	\$7,900.00
West Preston Middle School	\$882,000.00	X	0.25	=	\$2,200.00
Integrity Christian School		X	0.50	=	\$0.00
West Virginia Paving, Inc.		X	0.25	=	\$0.00
Grimm Lumber, Inc.		X	0.25	=	\$0.00
Coaltrain Corporation		X	0.50	=	\$0.00
Mary Ruth Corporation	\$300,000.00	X	0.25	=	\$800.00
Pretzell Excavating Co.,	\$200,000.00	X	0.75	=	\$1,500.00
Sharon Coal Company		X	0.25	=	\$0.00
Fibair - Division of Hollinee		X	0.75	=	\$0.00
Pioneer Press of West Virginia	\$420,000.00	X	0.75	=	\$3,200.00
Coastal Coal - Sub Coastal Corporation	\$850,000.00	X	0.50	=	\$4,300.00
Masontown Block Corporation	\$250,000.00	X	0.25	=	\$600.00
Preston Publications, Inc.	\$100,000.00	X	0.25	=	\$300.00
Arrowhead Machine Works	\$883,200.00	X	0.75	=	\$6,600.00
Coastal Lumber Company - Eglon	\$800,000.00	X	0.25	=	\$2,000.00
Jennmar Corporation	\$3,937,600.00	X	0.50	=	\$19,700.00
Preston Machine Enterprises	\$500,000.00	X	0.25	=	\$1,300.00
Hazelton Milling Company	\$1,035,000.00	X	0.75	=	\$7,800.00
Custom Inflatables, Inc.	\$345,000.00	X	0.75	=	\$2,600.00
Interstate Hardwoods		X	0.25	=	\$0.00
Coastal Lumber Company - Bruceeton Mills	\$1,000,000.00	X	0.25	=	\$2,500.00
Cheat River Wood Products, Inc.		X	0.75	=	\$0.00
C & T Lumber	\$10,000.00	X	0.25	=	\$0.00
4D Logging	\$150,000.00	X	0.50	=	\$800.00
D & C, L.L.C.	\$550,000.00	X	0.50	=	\$2,800.00
Allegheny Wood Products, Inc. - Kingwood		X	0.25	=	\$0.00

Replacement Value of Contents (Step 3) (\$)	X	Percent Damage (step 4) (%)	=	Loss to Contents (\$)
\$509,700.00	X	0.25	=	\$1,300.00
\$1,053,400.00	X	0.13	=	\$1,300.00
\$294,000.00	X	0.13	=	\$400.00
	X	0.25	=	\$0.00
	X	0.13	=	\$0.00
	X	0.13	=	\$0.00
	X	0.25	=	\$0.00
\$150,000.00	X	0.13	=	\$200.00
\$100,000.00	X	0.38	=	\$400.00
	X	0.13	=	\$0.00
	X	0.38	=	\$0.00
\$900,000.00	X	0.38	=	\$3,400.00
\$1,000,000.00	X	0.25	=	\$2,500.00
\$750,000.00	X	0.13	=	\$900.00
\$360,000.00	X	0.13	=	\$500.00
\$1,000,000.00	X	0.38	=	\$3,800.00
\$750,000.00	X	0.13	=	\$900.00
\$3,937,600.00	X	0.25	=	\$9,800.00
\$1,000,000.00	X	0.13	=	\$1,300.00
\$1,035,000.00	X	0.38	=	\$3,900.00
\$125,000.00	X	0.38	=	\$500.00
	X	0.13	=	\$0.00
\$2,000,000.00	X	0.13	=	\$2,500.00
	X	0.38	=	\$0.00
\$75,000.00	X	0.13	=	\$100.00
\$200,000.00	X	0.25	=	\$500.00
\$70,000.00	X	0.25	=	\$200.00
	X	0.13	=	\$0.00

Name/Description of Structure	Structure Replacement Value (Step 3) (\$)	X	Percent Damage (Step 4) (%)	=	Loss to Structure (\$)
Allegheny Wood Products, Inc. - Hazelton		X	0.75	=	\$0.00
Birdscreek Repair	\$165,000.00	X	0.25	=	\$400.00
DK Equipment Company		X	0.25	=	\$0.00
Cranesville Stone, Inc.	\$200,000.00	X	0.25	=	\$500.00
Headline Books	\$69,000.00	X	0.50	=	\$300.00
GEC, Inc.		X	0.25	=	\$0.00
Owens Industrial Commercial	\$1,725,000.00	X	0.25	=	\$4,300.00
Affordable Signs Unlimited		X	0.25	=	\$0.00
AI Corporation	\$250,000.00	X	0.50	=	\$1,300.00
Triple D Logging	\$40,000.00	X	0.50	=	\$200.00
Ad America		X	0.25	=	\$0.00
Matthews Bronze Corporation	\$1,000,000.00	X	0.25	=	\$2,500.00
ALJEZ Inc.		X	0.25	=	\$0.00
Taz Hardwoods	\$1,350,000.00	X	0.25	=	\$3,400.00
Shatters Printing	\$217,500.00	X	0.75	=	\$1,600.00
Phillips Precast Concrete Inc.	\$276,000.00	X	0.25	=	\$700.00
Press - Ex Printing	\$16,000.00	X	0.25	=	\$0.00
Hayes, Harry B. Lumber Company	\$30,000.00	X	0.25	=	\$100.00
Martin Marietta Aggregates	\$1,000,000.00	X	0.50	=	\$5,000.00
Virginia Furnace		X	0.50	=	\$0.00
Arthurdale Historic District		X	0.25	=	\$0.00
"Gaymont" (Brookside Inn)	\$900,000.00	X	0.25	=	\$2,300.00
Red Horse Tavern		X	0.25	=	\$0.00
Hagans Homestead		X	0.25	=	\$0.00
Elkins Coal and Coke Company Historic District		X	0.25	=	\$0.00
Reckart Mill		X	0.25	=	\$0.00
Kingwood Historic District		X	0.25	=	\$0.00
James Clark McGrew House		X	0.50	=	\$0.00
Ralph Snyder Decagonal Barn		X	0.25	=	\$0.00
Fairfax Stone Site		X	0.75	=	\$0.00

Replacement Value of Contents (Step 3) (\$)	X	Percent Damage (step 4) (%)	=	Loss to Contents (\$)
	X	0.38	=	\$0.00
\$8,000.00	X	0.13	=	\$0.00
	X	0.13	=	\$0.00
\$1,000,000.00	X	0.13	=	\$1,300.00
\$125,000.00	X	0.25	=	\$300.00
	X	0.13	=	\$0.00
\$600,000.00	X	0.13	=	\$800.00
	X	0.13	=	\$0.00
\$187,500.00	X	0.25	=	\$500.00
\$75,000.00	X	0.25	=	\$200.00
	X	0.13	=	\$0.00
\$20,000,000.00	X	0.13	=	\$25,000.00
	X	0.13	=	\$0.00
\$2,500,000.00	X	0.13	=	\$3,100.00
\$750,000.00	X	0.38	=	\$2,800.00
\$150,000.00	X	0.13	=	\$200.00
\$40,000.00	X	0.13	=	\$100.00
	X	0.13	=	\$0.00
\$22,500.00	X	0.13	=	\$0.00
\$2,000,000.00	X	0.25	=	\$5,000.00
	X	0.25	=	\$0.00
	X	0.13	=	\$0.00
\$150,000.00	X	0.13	=	\$200.00
	X	0.13	=	\$0.00
	X	0.13	=	\$0.00
	X	0.13	=	\$0.00
	X	0.25	=	\$0.00
	X	0.13	=	\$0.00
	X	0.38	=	\$0.00

Name/Description of Structure	Structure Replacement Value (Step 3) (\$)	X	Percent Damage (Step 4) (%)	=	Loss to Structure (\$)
Colonel Thomas Brown House		X	0.25	=	\$0.00
James S. Lakin House		X	0.50	=	\$0.00
Terra Alta Bank	\$500,000.00	X	0.50	=	\$2,500.00
Tunnelton Railroad Depot		X	0.25	=	\$0.00
McKee Sky Ranch Airport (private)		X	0.50	=	\$0.00
Titus Field Airport (private)	\$211,200.00	X	0.50	=	\$1,100.00
Moore Field	\$184,800.00	X	0.50	=	\$900.00
Camp Dawson	\$67,427,784.00	X	0.50	=	\$337,100.00
Valley Point	\$313,600.00	X	0.75	=	\$2,400.00
Railroad	\$19,794,400.00	X	0.50	=	\$99,000.00
Roadways	\$4,149,130,000.00	X	0.50	=	\$20,745,700.00
Hamed Memorial Medical Clinic	\$716,800.00	X	0.50	=	\$3,600.00
Davis Clinic		X	0.75	=	\$0.00
Harriman Memorial Clinic		X	0.25	=	\$0.00
Preston Memorial Hospital	\$6,720,000.00	X	0.25	=	\$16,800.00
Cheat River Bridge No. 92	\$1,024,000.00	X	0.25	=	\$2,600.00
WV Route 7 Bridge	\$1,849,600.00	X	0.25	=	\$4,600.00
Co. Rt. 73/5 and Laurel Run Bridge	\$825,600.00	X	0.50	=	\$4,100.00
Interstate 68 Bridge	\$825,600.00	X	0.50	=	\$4,100.00
Co. Rt. 73/5 and Laurel Run Bridge	\$793,600.00	X	0.50	=	\$4,000.00
Interstate 68 Bridge	\$793,600.00	X	0.50	=	\$4,000.00
Cheat River Bridge	\$1,008,000.00	X	0.25	=	\$2,500.00
Cheat River Bridge	\$979,200.00	X	0.25	=	\$2,400.00
Saltlick Creek Bridge	\$1,043,200.00	X	0.25	=	\$2,600.00
Preston County Courthouse	\$2,329,565.00	X	0.25	=	\$5,800.00
U.S. Postal Office - Kingwood		X	0.25	=	\$0.00
U.S. Postal Office - Arthurdale	\$168,960.00	X	0.25	=	\$400.00
U.S. Postal Office - Reedsville	\$271,920.00	X	0.50	=	\$1,400.00
U.S. Postal Office - Bretz	\$123,200.00	X	0.25	=	\$300.00

Replacement Value of Contents (Step 3) (\$)	X	Percent Damage (step 4) (%)	=	Loss to Contents (\$)
	X	0.13	=	\$0.00
	X	0.25	=	\$0.00
\$50,000.00	X	0.25	=	\$100.00
	X	0.13	=	\$0.00
	X	0.25	=	\$0.00
\$211,200.00	X	0.25	=	\$500.00
\$184,800.00	X	0.25	=	\$500.00
\$722,000.00	X	0.25	=	\$1,800.00
\$400,000.00	X	0.38	=	\$1,500.00
	X	0.25	=	\$0.00
	X	0.25	=	\$0.00
\$850,000.00	X	0.25	=	\$2,100.00
	X	0.38	=	\$0.00
	X	0.13	=	\$0.00
\$7,000,000.00	X	0.13	=	\$8,800.00
	X	0.13	=	\$0.00
	X	0.13	=	\$0.00
	X	0.25	=	\$0.00
	X	0.25	=	\$0.00
	X	0.13	=	\$0.00
	X	0.13	=	\$0.00
	X	0.13	=	\$0.00
\$731,442.00	X	0.13	=	\$900.00
	X	0.13	=	\$0.00
\$168,960.00	X	0.13	=	\$200.00
\$20,000.00	X	0.25	=	\$100.00
\$123,200.00	X	0.13	=	\$200.00

Name/Description of Structure	Structure Replacement Value (Step 3) (\$)	X	Percent Damage (Step 4) (%)	=	Loss to Structure (\$)
U.S. Postal Office - Terra Alta	\$30,000.00	X	0.75	=	\$200.00
U.S. Postal Office - Tunnelton	132000	X	0.50	=	\$700.00
U.S. Postal Office-Newburg	\$220,000.00	X	0.50	=	\$1,100.00
U.S. Postal Office - Masontown	\$211,200.00	X	0.25	=	\$500.00
U.S. Postal Office - Bruceton Mills	\$193,600.00	X	0.25	=	\$500.00
U.S. Postal Office- Rowlesburg	\$176,000.00	X	0.25	=	\$400.00
U.S. Postal Office - Aurora	\$140,800.00	X	0.75	=	\$1,100.00
U.S. Postal Office - Eglon	\$105,600.00	X	0.25	=	\$300.00
Town Hall - Albright	\$55,000.00	X	0.75	=	\$400.00
Town Hall - Brandonsville		X	0.25	=	\$0.00
Town Hall - Bruceton Mills		X	0.50	=	\$0.00
City Hall - Kingwood	\$500,000.00	X	0.50	=	\$2,500.00
Town Hall - Masontown	\$35,000.00	X	0.25	=	\$100.00
Town Hall - Newburg		X	0.50	=	\$0.00
Town Hall - Rowlesburg	\$25,755.00	X	0.25	=	\$100.00
Town Hall-Tara Alta	\$400,000.00	X	0.25	=	\$1,000.00
State Police - Kingwood	\$100,000.00	X	0.25	=	\$300.00
Water Plant - Albright		X	0.25	=	\$0.00
Preston Co. PSD # 1		X	0.25	=	\$0.00
Arthurdale Water Association		X	0.25	=	\$0.00
Water Plant - Brandonville		X	0.25	=	\$0.00
Water Plant - Kingwood	\$1,200,000.00	X	0.25	=	\$3,000.00
Water Plant - Masontown	\$150,000.00	X	0.25	=	\$400.00
Water Plant - Rowlesburg	\$82,417.00	X	0.25	=	\$200.00
Water Plant - Terra Alta	\$834,000.00	X	0.25	=	\$2,100.00
Sewer Plant - Albright	\$125,000.00	X	0.25	=	\$300.00
Sewer Plant - Brandonville		X	0.25	=	\$0.00
Sewer Plant - Kingwood	\$1,150,000.00	X	0.25	=	\$2,900.00
Sewer Plant - Masontown	\$1,052,500.00	X	0.25	=	\$2,600.00
Sewer Plant - Newburg		X	0.25	=	\$0.00

Replacement Value of Contents (Step 3) (\$)	X	Percent Damage (step 4) (%)	=	Loss to Contents (\$)
\$30,000.00	X	0.38	=	\$100.00
\$30,000.00	X	0.25	=	\$100.00
\$220,000.00	X	0.25	=	\$600.00
\$15,000.00	X	0.13	=	\$0.00
\$193,600.00	X	0.13	=	\$200.00
\$176,000.00	X	0.13	=	\$200.00
\$10,000.00	X	0.38	=	\$0.00
\$8,000.00	X	0.13	=	\$0.00
\$15,000.00	X	0.38	=	\$100.00
	X	0.13	=	\$0.00
	X	0.25	=	\$0.00
\$1,200,000.00	X	0.25	=	\$3,000.00
\$10,000.00	X	0.13	=	\$0.00
	X	0.25	=	\$0.00
\$2,000.00	X	0.13	=	\$0.00
\$20,000.00	X	0.13	=	\$0.00
\$100,000.00	X	0.13	=	\$100.00
	X	0.13	=	\$0.00
	X	0.13	=	\$0.00
	X	0.13	=	\$0.00
\$1,500,000.00	X	0.13	=	\$1,900.00
\$50,000.00	X	0.13	=	\$100.00
\$82,417.00	X	0.13	=	\$100.00
\$100,000.00	X	0.13	=	\$100.00
\$5,000.00	X	0.13	=	\$0.00
	X	0.13	=	\$0.00
\$2,400,000.00	X	0.13	=	\$3,000.00
\$1,000,000.00	X	0.13	=	\$1,300.00
	X	0.13	=	\$0.00

Name/Description of Structure	Structure Replacement Value (Step 3) (\$)	X	Percent Damage (Step 4) (%)	=	Loss to Structure (\$)
Sewer Plant - Rowlesburg	\$10,000.00	X	0.25	=	\$0.00
Sewer Plant - Terra Alta		X	0.25	=	\$0.00
Hopemont Hospital	\$25,000,000.00	X	0.10	=	\$25,000.00
Valley Fuels	\$1,500.00	X	0.10	=	\$0.00
Peak Communications	\$70,000.00	X	0.10	=	\$100.00
Metal Creations	\$75,000.00	X	0.10	=	\$100.00
Greer Limestone Company	\$20,000,000.00	X	0.10	=	\$20,000.00
BB&T Masontown	200000	X	0.10	=	\$200.00
BB&T Kingwood	\$500,000.00	X	0.10	=	\$500.00
BB&T Brucetonmills	200000	X	0.10	=	\$200.00
Austin Powder Company	\$125,000.00	X	0.10	=	\$100.00
Kingwood Pharmacy	340000	X	0.10	=	\$300.00
AT&T Earth Station	\$5,733,300.00	X	0.10	=	\$5,700.00
Windy Mill Manor		X	0.25	=	\$0.00
Albright Power Plant		X	0.10	=	\$0.00
<b>Total Loss to Structure</b>					<b>\$21,517,900.00</b>

Replacement Value of Contents (Step 3) (\$)	X	Percent Damage (step 4) (%)	=	Loss to Contents (\$)
\$20,000.00	X	0.13	=	\$0.00
	X	0.13	=	\$0.00
\$300,000.00	X	0.05	=	\$200.00
\$30,000.00	X	0.05	=	\$0.00
\$50,000.00	X	0.05	=	\$0.00
\$50,000.00	X	0.05	=	\$0.00
\$8,000,000.00	X	0.05	=	\$4,000.00
\$200,000.00	X	0.05	=	\$100.00
\$500,000.00	X	0.05	=	\$300.00
\$200,000.00	X	0.05	=	\$100.00
\$165,000.00	X	0.05	=	\$100.00
\$300,000.00	X	0.05	=	\$200.00
\$4,299,975.00	X	0.05	=	\$2,100.00
	X	0.13	=	\$0.00
	X	0.05	=	\$0.00
<b>Total Loss to Contents</b>				<b>\$133,600.00</b>

Structure Use and Function Loss (Task A.3.)										
Name/Description of Structure	Average Daily Operating Budget (Step 3) (\$)	X	Functional Downtime (Step 4) (# of days)	+	Displacement Cost per Day (Step 3) (\$)	X	Displacement Time (Step 4) (\$)	=	Structure Use & Function Loss (\$)	Structure Loss + Content Loss + Function Loss (\$)
Kingwood Public Library	\$410.00	X	0	+	\$410.00	X	0	=	\$0.00	\$1,700.00
Terra Alta Public Library	\$142.47	X	0	+	\$142.47	X	0	=	\$0.00	\$1,100.00
Albright VFD	\$150.00	X	0	+	\$150.00	X	0	=	\$0.00	\$1,800.00
Aurora VFD		X	0	+		X	0	=	\$0.00	\$1,200.00
Bruceton-Brandon VFD	\$330.00	X	0	+	\$330.00	X	0	=	\$0.00	\$2,000.00
Fellowsville VFD	\$274.00	X	0	+	\$274.00	X	0	=	\$0.00	\$2,800.00
Kingwood VFD	\$110.00	X	0	+	\$110.00	X	0	=	\$0.00	\$2,400.00
Masontown VFD	\$1,200.00	X	0	+	\$1,200.00	X	0	=	\$0.00	\$4,200.00
Mount Grove VFD		X	0	+		X	0	=	\$0.00	\$0.00
Newburg VFD		X	0	+		X	0	=	\$0.00	\$0.00
Reedsville VFD	\$275.00	X	0	+	\$275.00	X	0	=	\$0.00	\$1,700.00
Rowlesburg VFD		X	0	+		X	0	=	\$0.00	\$0.00
Terra Alta VFD	\$137.00	X	0	+	\$137.00	X	0	=	\$0.00	\$4,000.00
Tunnelton VFD		X	0	+		X	0	=	\$0.00	\$0.00
Mountaineer Ambulance Service Inc.		X	0	+		X	0	=	\$0.00	\$0.00
Terra Alta Ambulance Squad Inc.		X	0	+		X	0	=	\$0.00	\$0.00
Tunnelton Community Ambulance Service		X	0	+		X	0	=	\$0.00	\$0.00
Aurora Elementary School	\$2,507.00	X	0	+	\$2,507.00	X	0	=	\$0.00	\$31,400.00
Bruceton School	\$6,493.00	X	0	+	\$6,493.00	X	0	=	\$0.00	\$30,300.00
Central Preston Middle School	\$4,562.00	X	0	+	\$4,562.00	X	0	=	\$0.00	\$800.00
Fellowsville Elementary School	\$2,603.00	X	0	+	\$2,603.00	X	0	=	\$0.00	\$700.00
Kingwood Elementary School	\$9,356.16	X	0	+	\$9,356.16	X	0	=	\$0.00	\$300.00
Preston High School	\$23,000.00	X	0	+	\$23,000.00	X	0	=	\$0.00	\$12,400.00
Rowlesburg School	\$2,849.32	X	0	+	\$2,849.32	X	0	=	\$0.00	\$18,700.00
South Preston Middle School	\$2,972.60	X	0	+	\$2,972.60	X	0	=	\$0.00	\$300.00

Name/Description of Structure	Average Daily Operating Budget (Step 3) (\$)	X	Functional Downtime (Step 4) (# of days)	+	Displacement Cost per Day (Step 3) (\$)	X	Displacement Time (Step 4) (\$)	=	Structure Use & Function Loss (\$)	Structure Loss + Content Loss + Function Loss (\$)
Terra Alta / East Preston School	\$7,534.25	X	0	+	\$7,534.25	X	0	=	\$0.00	\$7,200.00
Tunnelton - Denver Elementary School	\$3,260.27	X	0	+	\$3,260.27	X	0	=	\$0.00	\$8,900.00
Valley Elementary School	\$6,561.64	X	0	+	\$6,561.64	X	0	=	\$0.00	\$9,200.00
West Preston Middle School	\$2,986.30	X	0	+	\$2,986.30	X	0	=	\$0.00	\$2,600.00
Integrity Christian School		X	0	+		X	0	=	\$0.00	\$0.00
West Virginia Paving, Inc.		X	0	+		X	0	=	\$0.00	\$0.00
Grimm Lumber, Inc.		X	0	+		X	0	=	\$0.00	\$0.00
Coaltrain Corporation		X	0	+		X	0	=	\$0.00	\$0.00
Mary Ruth Corporation	\$685.00	X	0	+	\$685.00	X	0	=	\$0.00	\$1,000.00
Pretzell Excavating Co.,	\$1,370.00	X	0	+	\$1,370.00	X	0	=	\$0.00	\$1,900.00
Sharon Coal Company		X	0	+		X	0	=	\$0.00	\$0.00
Fibair - Division of Hollinee		X	0	+		X	0	=	\$0.00	\$0.00
Pioneer Press of West Virginia	\$2,055.00	X	0	+	\$2,055.00	X	0	=	\$0.00	\$6,600.00
Coastal Coal - Sub Coastal Corporation		X	0	+		X	0	=	\$0.00	\$6,800.00
Masontown Block Corporation	\$1,370.00	X	0	+	\$1,370.00	X	0	=	\$0.00	\$1,500.00
Preston Publications, Inc.	\$1,918.00	X	0	+	\$1,918.00	X	0	=	\$0.00	\$800.00
Arrowhead Machine Works	\$548.00	X	0	+	\$548.00	X	0	=	\$0.00	\$10,400.00
Coastal Lumber Company - Eglon	\$2,131.00	X	0	+	\$2,131.00	X	0	=	\$0.00	\$2,900.00
Jennmar Corporation	\$274.00	X	0	+	\$274.00	X	0	=	\$0.00	\$29,500.00
Preston Machine Enterprises	\$2,740.00	X	0	+	\$2,740.00	X	0	=	\$0.00	\$2,600.00
Hazelton Milling Company	\$220.00	X	0	+	\$220.00	X	0	=	\$0.00	\$11,700.00
Custom Inflatables, Inc.	\$342.00	X	0	+	\$342.00	X	0	=	\$0.00	\$3,100.00
Interstate Hardwoods		X	0	+		X	0	=	\$0.00	\$0.00
Coastal Lumber Company - Bruceton Mills	\$4,262.00	X	0	+	\$4,262.00	X	0	=	\$0.00	\$5,000.00
Cheat River Wood Products, Inc.		X	0	+		X	0	=	\$0.00	\$0.00
C & T Lumber	\$822.00	X	0	+	\$822.00	X	0	=	\$0.00	\$100.00
4D Logging	\$1,370.00	X	0	+	\$1,370.00	X	0	=	\$0.00	\$1,300.00
D & C, L.L.C.	\$274.00	X	0	+	\$274.00	X	0	=	\$0.00	\$3,000.00

Name/Description of Structure	Average Daily Operating Budget (Step 3) (\$)	X	Functional Downtime (Step 4) (# of days)	+	Displacement Cost per Day (Step 3) (\$)	X	Displacement Time (Step 4) (\$)	=	Structure Use & Function Loss (\$)	Structure Loss + Content Loss + Function Loss (\$)
Allegheny Wood Products, Inc. - Kingwood		X	0	+		X	0	=	\$0.00	\$0.00
Allegheny Wood Products, Inc. - Hazelton		X	0	+		X	0	=	\$0.00	\$0.00
Birdscreek Repair	\$83.00	X	0	+	\$83.00	X	0	=	\$0.00	\$400.00
DK Equipment Company		X	0	+		X	0	=	\$0.00	\$0.00
Cranesville Stone, Inc.	\$4,110.00	X	0	+	\$4,110.00	X	0	=	\$0.00	\$1,800.00
Headline Books	\$125.00	X	0	+	\$125.00	X	0	=	\$0.00	\$600.00
GEC, Inc.		X	0	+		X	0	=	\$0.00	\$0.00
Owens Industrial Commercial	\$1,096.00	X	0	+	\$1,096.00	X	0	=	\$0.00	\$5,100.00
Affordable Signs Unlimited		X	0	+		X	0	=	\$0.00	\$0.00
AI Corporation	\$1,000.00	X	0	+	\$1,000.00	X	0	=	\$0.00	\$1,800.00
Triple D Logging	\$685.00	X	0	+	\$685.00	X	0	=	\$0.00	\$400.00
Ad America		X	0	+		X	0	=	\$0.00	\$0.00
Matthews Bronze Corporation	\$109,589.00	X	0	+	\$109,589.00	X	0	=	\$0.00	\$27,500.00
ALJEZ Inc.		X	0	+		X	0	=	\$0.00	\$0.00
Taz Hardwoods	\$13,972.00	X	0	+	\$13,972.00	X	0	=	\$0.00	\$6,500.00
Shatters Printing		X	0	+		X	0	=	\$0.00	\$4,400.00
Phillips Precast Concrete Inc.	\$1,096.00	X	0	+	\$1,096.00	X	0	=	\$0.00	\$900.00
Press - Ex Printing	\$137.00	X	0	+	\$137.00	X	0	=	\$0.00	\$100.00
Hayes, Harry B. Lumber Company	\$500.00	X	0	+	\$500.00	X	0	=	\$0.00	\$100.00
Martin Marietta Aggregates		X	0	+		X	0	=	\$0.00	\$10,000.00
Virginia Furnace		X	0	+		X	0	=	\$0.00	\$0.00
Arthurdale Historic District		X	0	+		X	0	=	\$0.00	\$0.00
"Gaymont" (Brookside Inn)	\$137.00	X	0	+	\$137.00	X	0	=	\$0.00	\$2,500.00
Red Horse Tavern		X	0	+		X	0	=	\$0.00	\$0.00
Hagans Homestead		X	0	+		X	0	=	\$0.00	\$0.00
Elkins Coal and Coke Company Historic District		X	0	+		X	0	=	\$0.00	\$0.00
Reckart Mill		X	0	+		X	0	=	\$0.00	\$0.00
Kingwood Historic District		X	0	+		X	0	=	\$0.00	\$0.00
James Clark McGrew House		X	0	+		X	0	=	\$0.00	\$0.00

Name/Description of Structure	Average Daily Operating Budget (Step 3) (\$)	X	Functional Downtime (Step 4) (# of days)	+	Displacement Cost per Day (Step 3) (\$)	X	Displacement Time (Step 4) (\$)	=	Structure Use & Function Loss (\$)	Structure Loss + Content Loss + Function Loss (\$)
Ralph Snyder Decagonal Barn		X	0	+		X	0	=	\$0.00	\$0.00
Fairfax Stone Site		X	0	+		X	0	=	\$0.00	\$0.00
Colonel Thomas Brown House		X	0	+		X	0	=	\$0.00	\$0.00
James S. Lakin House		X	0	+		X	0	=	\$0.00	\$0.00
Terra Alta Bank		X	0	+		X	0	=	\$0.00	\$2,600.00
Tunnelton Railroad Depot		X	0	+		X	0	=	\$0.00	\$0.00
McKee Sky Ranch Airport (private)		X	0	+		X	0	=	\$0.00	\$0.00
Titus Field Airport (private)		X	0	+		X	0	=	\$0.00	\$1,600.00
Moore Field		X	0	+		X	0	=	\$0.00	\$1,400.00
Camp Dawson	\$1,507.00	X	0	+	\$1,507.00	X	0	=	\$0.00	\$338,900.00
Valley Point		X	0	+		X	0	=	\$0.00	\$3,900.00
Railroad		X	0	+		X	0	=	\$0.00	\$99,000.00
Roadways		X	0	+		X	0	=	\$0.00	\$20,745,700.00
Hamed Memorial Medical Clinic	\$1,800.00	X	0	+	\$1,800.00	X	0	=	\$0.00	\$5,700.00
Davis Clinic		X	0	+		X	0	=	\$0.00	\$0.00
Harriman Memorial Clinic		X	0	+		X	0	=	\$0.00	\$0.00
Preston Memorial Hospital		X	0	+		X	0	=	\$0.00	\$25,600.00
Cheat River Bridge No. 92		X	0	+		X	0	=	\$0.00	\$2,600.00
WV Route 7 Bridge		X	0	+		X	0	=	\$0.00	\$4,600.00
Co. Rt. 73/5 and Laurel Run Bridge		X	0	+		X	0	=	\$0.00	\$4,100.00
Interstate 68 Bridge		X	0	+		X	0	=	\$0.00	\$4,100.00
Co. Rt. 73/5 and Laurel Run Bridge		X	0	+		X	0	=	\$0.00	\$4,000.00
Interstate 68 Bridge		X	0	+		X	0	=	\$0.00	\$4,000.00
Cheat River Bridge		X	0	+		X	0	=	\$0.00	\$2,500.00
Cheat River Bridge		X	0	+		X	0	=	\$0.00	\$2,400.00
Saltlick Creek Bridge		X	0	+		X	0	=	\$0.00	\$2,600.00
Preston County Courthouse	\$11,829.00	X	0	+	\$11,829.00	X	0	=	\$0.00	\$6,700.00
U.S. Postal Office - Kingwood		X	0	+		X	0	=	\$0.00	\$0.00

Name/Description of Structure	Average Daily Operating Budget (Step 3) (\$)	X	Functional Downtime (Step 4) (# of days)	+	Displacement Cost per Day (Step 3) (\$)	X	Displacement Time (Step 4) (\$)	=	Structure Use & Function Loss (\$)	Structure Loss + Content Loss + Function Loss (\$)
U.S. Postal Office - Arthurdale	\$47.00	X	0	+	\$47.00	X	0	=	\$0.00	\$600.00
U.S. Postal Office - Reedsville	\$320.00	X	0	+	\$320.00	X	0	=	\$0.00	\$1,500.00
U.S. Postal Office - Bretz	\$52.00	X	0	+	\$52.00	X	0	=	\$0.00	\$500.00
U.S. Postal Office - Terra Alta		X	0	+		X	0	=	\$0.00	\$300.00
U.S. Postal Office - Tunnelton	\$1,054.00	X	0	+	\$1,054.00	X	0	=	\$0.00	\$800.00
U.S. Postal Office-Newburg	\$55.00	X	0	+	\$55.00	X	0	=	\$0.00	\$1,700.00
U.S. Postal Office - Masontown	\$49.00	X	0	+	\$49.00	X	0	=	\$0.00	\$500.00
U.S. Postal Office - Bruceton Mills	\$1,273.00	X	0	+	\$1,273.00	X	0	=	\$0.00	\$700.00
U.S. Postal Office- Rowlesburg	\$52.00	X	0	+	\$52.00	X	0	=	\$0.00	\$600.00
U.S. Postal Office - Aurora	\$49.00	X	0	+	\$49.00	X	0	=	\$0.00	\$1,100.00
U.S. Postal Office - Eglon	\$186.00	X	0	+	\$186.00	X	0	=	\$0.00	\$300.00
Town Hall - Albright	\$116.00	X	0	+	\$116.00	X	0	=	\$0.00	\$500.00
Town Hall - Brandonsville		X	0	+		X	0	=	\$0.00	\$0.00
Town Hall - Bruceton Mills		X	0	+		X	0	=	\$0.00	\$0.00
City Hall - Kingwood	\$3,328.00	X	0	+	\$3,328.00	X	0	=	\$0.00	\$5,500.00
Town Hall - Masontown	\$342.47	X	0	+	\$342.47	X	0	=	\$0.00	\$100.00
Town Hall - Newburg		X	0	+		X	0	=	\$0.00	\$0.00
Town Hall - Rowlesburg	\$313.22	X	0	+	\$313.22	X	0	=	\$0.00	\$100.00
Town Hall-Tara Alta	\$479.45	X	0	+	\$479.45	X	0	=	\$0.00	\$1,000.00
State Police - Kingwood	\$767.00	X	0	+	\$767.00	X	0	=	\$0.00	\$400.00
Water Plant - Albright		X	0	+		X	0	=	\$0.00	\$0.00
Preston Co. PSD # 1		X	0	+		X	0	=	\$0.00	\$0.00
Arthurdale Water Association		X	0	+		X	0	=	\$0.00	\$0.00
Water Plant - Brandonville		X	0	+		X	0	=	\$0.00	\$0.00
Water Plant - Kingwood	\$605.00	X	0	+	\$605.00	X	0	=	\$0.00	\$4,900.00
Water Plant - Masontown	\$342.00	X	0	+	\$342.00	X	0	=	\$0.00	\$500.00
Water Plant - Rowlesburg	\$104.00	X	0	+	\$104.00	X	0	=	\$0.00	\$300.00
Water Plant - Terra Alta	\$616.00	X	0	+	\$616.00	X	0	=	\$0.00	\$2,200.00

Name/Description of Structure	Average Daily Operating Budget (Step 3) (\$)	X	Functional Downtime (Step 4) (# of days)	+	Displacement Cost per Day (Step 3) (\$)	X	Displacement Time (Step 4) (\$)	=	Structure Use & Function Loss (\$)	Structure Loss + Content Loss + Function Loss (\$)
Sewer Plant - Albright	\$107.00	X	0	+	\$107.00	X	0	=	\$0.00	\$300.00
Sewer Plant - Brandonville		X	0	+		X	0	=	\$0.00	\$0.00
Sewer Plant - Kingwood	\$1,369.00	X	0	+	\$1,369.00	X	0	=	\$0.00	\$5,900.00
Sewer Plant - Masontown	\$328.00	X	0	+	\$328.00	X	0	=	\$0.00	\$3,900.00
Sewer Plant - Newburg		X	0	+		X	0	=	\$0.00	\$0.00
Sewer Plant - Rowlesburg	\$55.00	X	0	+	\$55.00	X	0	=	\$0.00	\$0.00
Sewer Plant - Terra Alta		X	0	+		X	0	=	\$0.00	\$0.00
Hopemont Hospital	\$19,178.08	X	0	+	\$19,178.08	X	0	=	\$0.00	\$25,200.00
Valley Fuels	\$5,479.00	X	0	+	\$5,479.00	X	0	=	\$0.00	\$0.00
Peak Communications	\$164.00	X	0	+	\$164.00	X	0	=	\$0.00	\$100.00
Metal Creations	\$81.00	X	0	+	\$81.00	X	0	=	\$0.00	\$100.00
Greer Limestone Company	\$80,000.00	X	0	+	\$80,000.00	X	0	=	\$0.00	\$24,000.00
BB&T Masontown		X	0	+		X	0	=	\$0.00	\$300.00
BB&T Kingwood		X	0	+		X	0	=	\$0.00	\$800.00
BB&T Brucetonmills		X	0	+		X	0	=	\$0.00	\$300.00
Austin Powder Company		X	0	+		X	0	=	\$0.00	\$200.00
Kingwood Pharmacy		X	0	+		X	0	=	\$0.00	\$500.00
AT&T Earth Station		X	0	+		X	0	=	\$0.00	\$7,800.00
Windy Mill Manor		X	0	+		X	0	=	\$0.00	\$0.00
Albright Power Plant		X	0	+		X	0	=	\$0.00	\$0.00
<b>Total Loss to Structure Use &amp; Function</b>									<b>\$0.00</b>	<b>\$21,651,500.00</b>

**Hazard: Hailstorms**

<b>Structure Loss (Task A.1.)</b>					
Name/Description of Structure	Structure Replacement Value (Step 3) (\$)	X	Percent Damage (Step 4) (%)	=	Loss to Structure (\$)
Kingwood Public Library	\$517,500.00	X	0.01	=	\$100.00
Terra Alta Public Library	\$400,000.00	X	0.01	=	\$0.00
Albright VFD	248500	X	0.01	=	\$0.00
Aurora VFD	\$400,000.00	X	0.01	=	\$0.00
Bruceton-Brandon VFD	\$480,000.00	X	0.01	=	\$0.00
Fellowsville VFD	\$350,000.00	X	0.01	=	\$0.00
Kingwood VFD	\$450,000.00	X	0.01	=	\$0.00
Masontown VFD	\$450,000.00	X	0.01	=	\$0.00
Mount Grove VFD		X	0.01	=	\$0.00
Newburg VFD		X	0.01	=	\$0.00
Reedsville VFD	\$350,000.00	X	0.01	=	\$0.00
Rowlesburg VFD		X	0.01	=	\$0.00
Terra Alta VFD	\$160,000.00	X	0.01	=	\$0.00
Tunnelton VFD		X	0.01	=	\$0.00
Mountaineer Ambulance Service Inc.		X	0.01	=	\$0.00
Terra Alta Ambulance Squad Inc.		X	0.01	=	\$0.00
Tunnelton Community Ambulance Service		X	0.01	=	\$0.00
Aurora Elementary School	\$3,585,900.00	X	0.01	=	\$400.00
Bruceton School	\$3,472,200.00	X	0.01	=	\$300.00
Central Preston Middle School	\$260,400.00	X	0.01	=	\$0.00
Fellowsville Elementary School	\$126,000.00	X	0.01	=	\$0.00
Kingwood Elementary School	\$115,200.00	X	0.01	=	\$0.00
Preston High School	\$2,110,050.00	X	0.01	=	\$200.00
Rowlesburg School	\$6,384,000.00	X	0.01	=	\$600.00
South Preston Middle School	\$114,300.00	X	0.01	=	\$0.00
Terra Alta / East Preston School	\$822,600.00	X	0.01	=	\$100.00

<b>Contents Loss (Task A.2.)</b>				
Replacement Value of Contents (Step 3) (\$)	X	Percent Damage (step 4) (%)	=	Loss to Contents (\$)
\$300,000.00	X	0.01	=	\$0.00
\$100,000.00	X	0.01	=	\$0.00
\$952,000.00	X	0.01	=	\$0.00
\$150,000.00	X	0.01	=	\$0.00
\$639,000.00	X	0.01	=	\$0.00
\$400,000.00	X	0.01	=	\$0.00
\$1,000,000.00	X	0.01	=	\$100.00
\$750,000.00	X	0.01	=	\$0.00
	X	0.01	=	\$0.00
	X	0.01	=	\$0.00
\$650,000.00	X	0.01	=	\$0.00
	X	0.01	=	\$0.00
\$750,000.00	X	0.01	=	\$0.00
	X	0.01	=	\$0.00
	X	0.01	=	\$0.00
	X	0.01	=	\$0.00
\$1,195,300.00	X	0.01	=	\$100.00
\$1,157,400.00	X	0.01	=	\$100.00
\$86,800.00	X	0.01	=	\$0.00
\$42,000.00	X	0.01	=	\$0.00
\$38,400.00	X	0.01	=	\$0.00
\$703,350.00	X	0.01	=	\$0.00
\$2,128,000.00	X	0.01	=	\$100.00
\$38,100.00	X	0.01	=	\$0.00
\$274,250.00	X	0.01	=	\$0.00

Name/Description of Structure	Structure Replacement Value (Step 3) (\$)	X	Percent Damage (Step 4) (%)	=	Loss to Structure (\$)
Tunnelton - Denver Elementary School	\$1,529,100.00	X	0.01	=	\$200.00
Valley Elementary School	\$3,160,200.00	X	0.01	=	\$300.00
West Preston Middle School	\$882,000.00	X	0.01	=	\$100.00
Integrity Christian School		X	0.01	=	\$0.00
West Virginia Paving, Inc.		X	0.01	=	\$0.00
Grimm Lumber, Inc.		X	0.01	=	\$0.00
Coaltrain Corporation		X	0.01	=	\$0.00
Mary Ruth Corporation	\$300,000.00	X	0.01	=	\$0.00
Pretzell Excavating Co.,	\$200,000.00	X	0.01	=	\$0.00
Sharon Coal Company		X	0.01	=	\$0.00
Fibair - Division of Hollinee		X	0.01	=	\$0.00
Pioneer Press of West Virginia	\$420,000.00	X	0.01	=	\$0.00
Coastal Coal - Sub Coastal Corporation	\$850,000.00	X	0.01	=	\$100.00
Masontown Block Corporation	\$250,000.00	X	0.01	=	\$0.00
Preston Publications, Inc.	\$100,000.00	X	0.01	=	\$0.00
Arrowhead Machine Works	\$883,200.00	X	0.01	=	\$100.00
Coastal Lumber Company - Eglon	\$800,000.00	X	0.01	=	\$100.00
Jennmar Corporation	\$3,937,600.00	X	0.01	=	\$400.00
Preston Machine Enterprises	\$500,000.00	X	0.01	=	\$100.00
Hazelton Milling Company	\$1,035,000.00	X	0.01	=	\$100.00
Custom Inflatables, Inc.	\$345,000.00	X	0.01	=	\$0.00
Interstate Hardwoods		X	0.01	=	\$0.00
Coastal Lumber Company - Bruceeton Mills	\$1,000,000.00	X	0.01	=	\$100.00
Cheat River Wood Products, Inc.		X	0.01	=	\$0.00
C & T Lumber	\$10,000.00	X	0.01	=	\$0.00
4D Logging	\$150,000.00	X	0.01	=	\$0.00
D & C, L.L.C.	\$550,000.00	X	0.01	=	\$100.00
Allegheny Wood Products, Inc. - Kingwood		X	0.01	=	\$0.00

Replacement Value of Contents (Step 3) (\$)	X	Percent Damage (step 4) (%)	=	Loss to Contents (\$)
\$509,700.00	X	0.01	=	\$0.00
\$1,053,400.00	X	0.01	=	\$100.00
\$294,000.00	X	0.01	=	\$0.00
	X	0.01	=	\$0.00
	X	0.01	=	\$0.00
	X	0.01	=	\$0.00
	X	0.01	=	\$0.00
\$150,000.00	X	0.01	=	\$0.00
\$100,000.00	X	0.01	=	\$0.00
	X	0.01	=	\$0.00
	X	0.01	=	\$0.00
\$900,000.00	X	0.01	=	\$0.00
\$1,000,000.00	X	0.01	=	\$100.00
\$750,000.00	X	0.01	=	\$0.00
\$360,000.00	X	0.01	=	\$0.00
\$1,000,000.00	X	0.01	=	\$100.00
\$750,000.00	X	0.01	=	\$0.00
\$3,937,600.00	X	0.01	=	\$200.00
\$1,000,000.00	X	0.01	=	\$100.00
\$1,035,000.00	X	0.01	=	\$100.00
\$125,000.00	X	0.01	=	\$0.00
	X	0.01	=	\$0.00
\$2,000,000.00	X	0.01	=	\$100.00
	X	0.01	=	\$0.00
\$75,000.00	X	0.01	=	\$0.00
\$200,000.00	X	0.01	=	\$0.00
\$70,000.00	X	0.01	=	\$0.00
	X	0.01	=	\$0.00



Name/Description of Structure	Structure Replacement Value (Step 3) (\$)	X	Percent Damage (Step 4) (%)	=	Loss to Structure (\$)
Colonel Thomas Brown House		X	0.01	=	\$0.00
James S. Lakin House		X	0.01	=	\$0.00
Terra Alta Bank	\$500,000.00	X	0.01	=	\$100.00
Tunnelton Railroad Depot		X	0.01	=	\$0.00
McKee Sky Ranch Airport (private)		X	0.01	=	\$0.00
Titus Field Airport (private)	\$211,200.00	X	0.01	=	\$0.00
Moore Field	\$184,800.00	X	0.01	=	\$0.00
Camp Dawson	\$67,427,784.00	X	0.01	=	\$6,700.00
Valley Point	\$313,600.00	X	0.01	=	\$0.00
Railroad	\$19,794,400.00	X	0.01	=	\$2,000.00
Roadways	\$4,149,130,000.00	X	0.01	=	\$414,900.00
Hamed Memorial Medical Clinic	\$716,800.00	X	0.01	=	\$100.00
Davis Clinic		X	0.01	=	\$0.00
Harriman Memorial Clinic		X	0.01	=	\$0.00
Preston Memorial Hospital	\$6,720,000.00	X	0.01	=	\$700.00
Cheat River Bridge No. 92	\$1,024,000.00	X	0.01	=	\$100.00
WV Route 7 Bridge	\$1,849,600.00	X	0.01	=	\$200.00
Co. Rt. 73/5 and Laurel Run Bridge	\$825,600.00	X	0.01	=	\$100.00
Interstate 68 Bridge	\$825,600.00	X	0.01	=	\$100.00
Co. Rt. 73/5 and Laurel Run Bridge	\$793,600.00	X	0.01	=	\$100.00
Interstate 68 Bridge	\$793,600.00	X	0.01	=	\$100.00
Cheat River Bridge	\$1,008,000.00	X	0.01	=	\$100.00
Cheat River Bridge	\$979,200.00	X	0.01	=	\$100.00
Saltlick Creek Bridge	\$1,043,200.00	X	0.01	=	\$100.00
Preston County Courthouse	\$2,329,565.00	X	0.01	=	\$200.00
U.S. Postal Office - Kingwood		X	0.01	=	\$0.00
U.S. Postal Office - Arthurdale	\$168,960.00	X	0.01	=	\$0.00
U.S. Postal Office - Reedsville	\$271,920.00	X	0.01	=	\$0.00
U.S. Postal Office - Bretz	\$123,200.00	X	0.01	=	\$0.00

Replacement Value of Contents (Step 3) (\$)	X	Percent Damage (step 4) (%)	=	Loss to Contents (\$)
	X	0.01	=	\$0.00
	X	0.01	=	\$0.00
\$50,000.00	X	0.01	=	\$0.00
	X	0.01	=	\$0.00
	X	0.01	=	\$0.00
\$211,200.00	X	0.01	=	\$0.00
\$184,800.00	X	0.01	=	\$0.00
\$722,000.00	X	0.01	=	\$0.00
\$400,000.00	X	0.01	=	\$0.00
	X	0.01	=	\$0.00
	X	0.01	=	\$0.00
\$850,000.00	X	0.01	=	\$0.00
	X	0.01	=	\$0.00
	X	0.01	=	\$0.00
\$7,000,000.00	X	0.01	=	\$400.00
	X	0.01	=	\$0.00
	X	0.01	=	\$0.00
	X	0.01	=	\$0.00
	X	0.01	=	\$0.00
	X	0.01	=	\$0.00
	X	0.01	=	\$0.00
\$731,442.00	X	0.01	=	\$0.00
	X	0.01	=	\$0.00
\$168,960.00	X	0.01	=	\$0.00
\$20,000.00	X	0.01	=	\$0.00
\$123,200.00	X	0.01	=	\$0.00

Name/Description of Structure	Structure Replacement Value (Step 3) (\$)	X	Percent Damage (Step 4) (%)	=	Loss to Structure (\$)
U.S. Postal Office - Terra Alta	\$30,000.00	X	0.01	=	\$0.00
U.S. Postal Office - Tunnelton	132000	X	0.01	=	\$0.00
U.S. Postal Office-Newburg	\$220,000.00	X	0.01	=	\$0.00
U.S. Postal Office - Masontown	\$211,200.00	X	0.01	=	\$0.00
U.S. Postal Office - Bruceton Mills	\$193,600.00	X	0.01	=	\$0.00
U.S. Postal Office- Rowlesburg	\$176,000.00	X	0.01	=	\$0.00
U.S. Postal Office - Aurora	\$140,800.00	X	0.01	=	\$0.00
U.S. Postal Office - Eglon	\$105,600.00	X	0.01	=	\$0.00
Town Hall - Albright	\$55,000.00	X	0.01	=	\$0.00
Town Hall - Brandonsville		X	0.01	=	\$0.00
Town Hall - Bruceton Mills		X	0.01	=	\$0.00
City Hall - Kingwood	\$500,000.00	X	0.01	=	\$100.00
Town Hall - Masontown	\$35,000.00	X	0.01	=	\$0.00
Town Hall - Newburg		X	0.01	=	\$0.00
Town Hall - Rowlesburg	\$25,755.00	X	0.01	=	\$0.00
Town Hall-Tara Alta	\$400,000.00	X	0.01	=	\$0.00
State Police - Kingwood	\$100,000.00	X	0.01	=	\$0.00
Water Plant - Albright		X	0.01	=	\$0.00
Preston Co. PSD # 1		X	0.01	=	\$0.00
Arthurdale Water Association		X	0.01	=	\$0.00
Water Plant - Brandonville		X	0.01	=	\$0.00
Water Plant - Kingwood	\$1,200,000.00	X	0.01	=	\$100.00
Water Plant - Masontown	\$150,000.00	X	0.01	=	\$0.00
Water Plant - Rowlesburg	\$82,417.00	X	0.01	=	\$0.00
Water Plant - Terra Alta	\$834,000.00	X	0.01	=	\$100.00
Sewer Plant - Albright	\$125,000.00	X	0.01	=	\$0.00
Sewer Plant - Brandonville		X	0.01	=	\$0.00
Sewer Plant - Kingwood	\$1,150,000.00	X	0.01	=	\$100.00
Sewer Plant - Masontown	\$1,052,500.00	X	0.01	=	\$100.00
Sewer Plant - Newburg		X	0.01	=	\$0.00

Replacement Value of Contents (Step 3) (\$)	X	Percent Damage (step 4) (%)	=	Loss to Contents (\$)
\$30,000.00	X	0.01	=	\$0.00
\$30,000.00	X	0.01	=	\$0.00
\$220,000.00	X	0.01	=	\$0.00
\$15,000.00	X	0.01	=	\$0.00
\$193,600.00	X	0.01	=	\$0.00
\$176,000.00	X	0.01	=	\$0.00
\$10,000.00	X	0.01	=	\$0.00
\$8,000.00	X	0.01	=	\$0.00
\$15,000.00	X	0.01	=	\$0.00
	X	0.01	=	\$0.00
	X	0.01	=	\$0.00
\$1,200,000.00	X	0.01	=	\$100.00
\$10,000.00	X	0.01	=	\$0.00
	X	0.01	=	\$0.00
\$2,000.00	X	0.01	=	\$0.00
\$20,000.00	X	0.01	=	\$0.00
\$100,000.00	X	0.01	=	\$0.00
	X	0.01	=	\$0.00
	X	0.01	=	\$0.00
	X	0.01	=	\$0.00
\$1,500,000.00	X	0.01	=	\$100.00
\$50,000.00	X	0.01	=	\$0.00
\$82,417.00	X	0.01	=	\$0.00
\$100,000.00	X	0.01	=	\$0.00
\$5,000.00	X	0.01	=	\$0.00
	X	0.01	=	\$0.00
\$2,400,000.00	X	0.01	=	\$100.00
\$1,000,000.00	X	0.01	=	\$100.00
	X	0.01	=	\$0.00

Name/Description of Structure	Structure Replacement Value (Step 3) (\$)	X	Percent Damage (Step 4) (%)	=	Loss to Structure (\$)
Sewer Plant - Rowlesburg	\$10,000.00	X	0.01	=	\$0.00
Sewer Plant - Terra Alta		X	0.01	=	\$0.00
Hopemont Hospital	\$25,000,000.00	X	0.01	=	\$2,500.00
Valley Fuels	\$1,500.00	X	0.01	=	\$0.00
Peak Communications	\$70,000.00	X	0.01	=	\$0.00
Metal Creations	\$75,000.00	X	0.01	=	\$0.00
Greer Limestone Company	\$20,000,000.00	X	0.01	=	\$2,000.00
BB&T Masontown	200000	X	0.01	=	\$0.00
BB&T Kingwood	\$500,000.00	X	0.01	=	\$100.00
BB&T Brucetonmills	200000	X	0.01	=	\$0.00
Austin Powder Company	\$125,000.00	X	0.01	=	\$0.00
Kingwood Pharmacy	340000	X	0.01	=	\$0.00
AT&T Earth Station	\$5,733,300.00	X	0.01	=	\$600.00
Windy Mill Manor		X	0.01	=	\$0.00
Albright Power Plant		X	0.01	=	\$0.00
					<b>\$435,400.00</b>

Replacement Value of Contents (Step 3) (\$)	X	Percent Damage (step 4) (%)	=	Loss to Contents (\$)
\$20,000.00	X	0.01	=	\$0.00
	X	0.01	=	\$0.00
\$300,000.00	X	0.01	=	\$0.00
\$30,000.00	X	0.01	=	\$0.00
\$50,000.00	X	0.01	=	\$0.00
\$50,000.00	X	0.01	=	\$0.00
\$8,000,000.00	X	0.01	=	\$400.00
\$200,000.00	X	0.01	=	\$0.00
\$500,000.00	X	0.01	=	\$0.00
\$200,000.00	X	0.01	=	\$0.00
\$165,000.00	X	0.01	=	\$0.00
\$300,000.00	X	0.01	=	\$0.00
\$4,299,975.00	X	0.01	=	\$200.00
	X	0.01	=	\$0.00
	X	0.01	=	\$0.00
				<b>\$3,900.00</b>

Structure Use and Function Loss (Task A.3.)										
Name/Description of Structure	Average Daily Operating Budget (Step 3) (\$)	X	Functional Downtime (Step 4) (# of days)	+	Displacement Cost per Day (Step 3) (\$)	X	Displacement Time (Step 4) (\$)	=	Structure Use & Function Loss (\$)	Structure Loss + Content Loss + Function Loss (\$)
Kingwood Public Library	\$410.00	X	0	+	\$410.00	X	0	=	\$0.00	\$100.00
Terra Alta Public Library	\$142.47	X	0	+	\$142.47	X	0	=	\$0.00	\$0.00
Albright VFD	\$150.00	X	0	+	\$150.00	X	0	=	\$0.00	\$0.00
Aurora VFD		X	0	+		X	0	=	\$0.00	\$0.00
Bruceton-Brandon VFD	\$330.00	X	0	+	\$330.00	X	0	=	\$0.00	\$0.00
Fellowsville VFD	\$274.00	X	0	+	\$274.00	X	0	=	\$0.00	\$0.00
Kingwood VFD	\$110.00	X	0	+	\$110.00	X	0	=	\$0.00	\$100.00
Masontown VFD	\$1,200.00	X	0	+	\$1,200.00	X	0	=	\$0.00	\$0.00
Mount Grove VFD		X	0	+		X	0	=	\$0.00	\$0.00
Newburg VFD		X	0	+		X	0	=	\$0.00	\$0.00
Reedsville VFD	\$275.00	X	0	+	\$275.00	X	0	=	\$0.00	\$0.00
Rowlesburg VFD		X	0	+		X	0	=	\$0.00	\$0.00
Terra Alta VFD	\$137.00	X	0	+	\$137.00	X	0	=	\$0.00	\$0.00
Tunnelton VFD		X	0	+		X	0	=	\$0.00	\$0.00
Mountaineer Ambulance Service Inc.		X	0	+		X	0	=	\$0.00	\$0.00
Terra Alta Ambulance Squad Inc.		X	0	+		X	0	=	\$0.00	\$0.00
Tunnelton Community Ambulance Service		X	0	+		X	0	=	\$0.00	\$0.00
Aurora Elementary School	\$2,507.00	X	0	+	\$2,507.00	X	0	=	\$0.00	\$500.00
Bruceton School	\$6,493.00	X	0	+	\$6,493.00	X	0	=	\$0.00	\$400.00
Central Preston Middle School	\$4,562.00	X	0	+	\$4,562.00	X	0	=	\$0.00	\$0.00
Fellowsville Elementary School	\$2,603.00	X	0	+	\$2,603.00	X	0	=	\$0.00	\$0.00
Kingwood Elementary School	\$9,356.16	X	0	+	\$9,356.16	X	0	=	\$0.00	\$0.00
Preston High School	\$23,000.00	X	0	+	\$23,000.00	X	0	=	\$0.00	\$200.00
Rowlesburg School	\$2,849.32	X	0	+	\$2,849.32	X	0	=	\$0.00	\$700.00
South Preston Middle School	\$2,972.60	X	0	+	\$2,972.60	X	0	=	\$0.00	\$0.00

Name/Description of Structure	Average Daily Operating Budget (Step 3) (\$)	X	Functional Downtime (Step 4) (# of days)	+	Displacement Cost per Day (Step 3) (\$)	X	Displacement Time (Step 4) (\$)	=	Structure Use & Function Loss (\$)	Structure Loss + Content Loss + Function Loss (\$)
Terra Alta / East Preston School	\$7,534.25	X	0	+	\$7,534.25	X	0	=	\$0.00	\$100.00
Tunnelton - Denver Elementary School	\$3,260.27	X	0	+	\$3,260.27	X	0	=	\$0.00	\$200.00
Valley Elementary School	\$6,561.64	X	0	+	\$6,561.64	X	0	=	\$0.00	\$400.00
West Preston Middle School	\$2,986.30	X	0	+	\$2,986.30	X	0	=	\$0.00	\$100.00
Integrity Christian School		X	0	+		X	0	=	\$0.00	\$0.00
West Virginia Paving, Inc.		X	0	+		X	0	=	\$0.00	\$0.00
Grimm Lumber, Inc.		X	0	+		X	0	=	\$0.00	\$0.00
Coaltrain Corporation		X	0	+		X	0	=	\$0.00	\$0.00
Mary Ruth Corporation	\$685.00	X	0	+	\$685.00	X	0	=	\$0.00	\$0.00
Pretzell Excavating Co.,	\$1,370.00	X	0	+	\$1,370.00	X	0	=	\$0.00	\$0.00
Sharon Coal Company		X	0	+		X	0	=	\$0.00	\$0.00
Fibair - Division of Hollinee		X	0	+		X	0	=	\$0.00	\$0.00
Pioneer Press of West Virginia	\$2,055.00	X	0	+	\$2,055.00	X	0	=	\$0.00	\$0.00
Coastal Coal - Sub Coastal Corporation		X	0	+		X	0	=	\$0.00	\$200.00
Masontown Block Corporation	\$1,370.00	X	0	+	\$1,370.00	X	0	=	\$0.00	\$0.00
Preston Publications, Inc.	\$1,918.00	X	0	+	\$1,918.00	X	0	=	\$0.00	\$0.00
Arrowhead Machine Works	\$548.00	X	0	+	\$548.00	X	0	=	\$0.00	\$200.00
Coastal Lumber Company - Eglon	\$2,131.00	X	0	+	\$2,131.00	X	0	=	\$0.00	\$100.00
Jennmar Corporation	\$274.00	X	0	+	\$274.00	X	0	=	\$0.00	\$600.00
Preston Machine Enterprises	\$2,740.00	X	0	+	\$2,740.00	X	0	=	\$0.00	\$200.00
Hazelton Milling Company	\$220.00	X	0	+	\$220.00	X	0	=	\$0.00	\$200.00
Custom Inflatables, Inc.	\$342.00	X	0	+	\$342.00	X	0	=	\$0.00	\$0.00
Interstate Hardwoods		X	0	+		X	0	=	\$0.00	\$0.00
Coastal Lumber Company - Bruceton Mills	\$4,262.00	X	0	+	\$4,262.00	X	0	=	\$0.00	\$200.00
Cheat River Wood Products, Inc.		X	0	+		X	0	=	\$0.00	\$0.00
C & T Lumber	\$822.00	X	0	+	\$822.00	X	0	=	\$0.00	\$0.00
4D Logging	\$1,370.00	X	0	+	\$1,370.00	X	0	=	\$0.00	\$0.00
D & C, L.L.C.	\$274.00	X	0	+	\$274.00	X	0	=	\$0.00	\$100.00

Name/Description of Structure	Average Daily Operating Budget (Step 3) (\$)	X	Functional Downtime (Step 4) (# of days)	+	Displacement Cost per Day (Step 3) (\$)	X	Displacement Time (Step 4) (\$)	=	Structure Use & Function Loss (\$)	Structure Loss + Content Loss + Function Loss (\$)
Allegheny Wood Products, Inc. Kingwood		X	0	+		X	0	=	\$0.00	\$0.00
Allegheny Wood Products, Inc. Hazelton		X	0	+		X	0	=	\$0.00	\$0.00
Birds Creek Repair	\$83.00	X	0	+	\$83.00	X	0	=	\$0.00	\$0.00
DK Equipment Company		X	0	+		X	0	=	\$0.00	\$0.00
Cranesville Stone, Inc.	\$4,110.00	X	0	+	\$4,110.00	X	0	=	\$0.00	\$100.00
Headline Books	\$125.00	X	0	+	\$125.00	X	0	=	\$0.00	\$0.00
GEC, Inc.		X	0	+		X	0	=	\$0.00	\$0.00
Owens Industrial Commercial	\$1,096.00	X	0	+	\$1,096.00	X	0	=	\$0.00	\$200.00
Affordable Signs Unlimited		X	0	+		X	0	=	\$0.00	\$0.00
AI Corporation	\$1,000.00	X	0	+	\$1,000.00	X	0	=	\$0.00	\$0.00
Triple D Logging	\$685.00	X	0	+	\$685.00	X	0	=	\$0.00	\$0.00
Ad America		X	0	+		X	0	=	\$0.00	\$0.00
Matthews Bronze Corporation	\$109,589.00	X	0	+	\$109,589.00	X	0	=	\$0.00	\$1,100.00
ALJEZ Inc.		X	0	+		X	0	=	\$0.00	\$0.00
Taz Hardwoods	\$13,972.00	X	0	+	\$13,972.00	X	0	=	\$0.00	\$200.00
Shatters Printing		X	0	+		X	0	=	\$0.00	\$0.00
Phillips Precast Concrete Inc.	\$1,096.00	X	0	+	\$1,096.00	X	0	=	\$0.00	\$0.00
Press - Ex Printing	\$137.00	X	0	+	\$137.00	X	0	=	\$0.00	\$0.00
Hayes, Harry B. Lumber Company	\$500.00	X	0	+	\$500.00	X	0	=	\$0.00	\$0.00
Martin Marietta Aggregates		X	0	+		X	0	=	\$0.00	\$200.00
Virginia Furnace		X	0	+		X	0	=	\$0.00	\$0.00
Arthurdale Historic District		X	0	+		X	0	=	\$0.00	\$0.00
"Gaymont" (Brookside Inn)	\$137.00	X	0	+	\$137.00	X	0	=	\$0.00	\$100.00
Red Horse Tavern		X	0	+		X	0	=	\$0.00	\$0.00
Hagans Homestead		X	0	+		X	0	=	\$0.00	\$0.00
Elkins Coal and Coke Company Historic District		X	0	+		X	0	=	\$0.00	\$0.00
Reckart Mill		X	0	+		X	0	=	\$0.00	\$0.00
Kingwood Historic District		X	0	+		X	0	=	\$0.00	\$0.00
James Clark McGrew House		X	0	+		X	0	=	\$0.00	\$0.00

Name/Description of Structure	Average Daily Operating Budget (Step 3) (\$)	X	Functional Downtime (Step 4) (# of days)	+	Displacement Cost per Day (Step 3) (\$)	X	Displacement Time (Step 4) (\$)	=	Structure Use & Function Loss (\$)	Structure Loss + Content Loss + Function Loss (\$)
Ralph Snyder Decagonal Barn		X	0	+		X	0	=	\$0.00	\$0.00
Fairfax Stone Site		X	0	+		X	0	=	\$0.00	\$0.00
Colonel Thomas Brown House		X	0	+		X	0	=	\$0.00	\$0.00
James S. Lakin House		X	0	+		X	0	=	\$0.00	\$0.00
Terra Alta Bank		X	0	+		X	0	=	\$0.00	\$100.00
Tunnelton Railroad Depot		X	0	+		X	0	=	\$0.00	\$0.00
McKee Sky Ranch Airport (private)		X	0	+		X	0	=	\$0.00	\$0.00
Titus Field Airport (private)		X	0	+		X	0	=	\$0.00	\$0.00
Moore Field		X	0	+		X	0	=	\$0.00	\$0.00
Camp Dawson	\$1,507.00	X	0	+	\$1,507.00	X	0	=	\$0.00	\$6,700.00
Valley Point		X	0	+		X	0	=	\$0.00	\$0.00
Railroad		X	0	+		X	0	=	\$0.00	\$2,000.00
Roadways		X	0	+		X	0	=	\$0.00	\$414,900.00
Hamed Memorial Medical Clinic	\$1,800.00	X	0	+	\$1,800.00	X	0	=	\$0.00	\$100.00
Davis Clinic		X	0	+		X	0	=	\$0.00	\$0.00
Harriman Memorial Clinic		X	0	+		X	0	=	\$0.00	\$0.00
Preston Memorial Hospital		X	0	+		X	0	=	\$0.00	\$1,100.00
Cheat River Bridge No. 92		X	0	+		X	0	=	\$0.00	\$100.00
WV Route 7 Bridge		X	0	+		X	0	=	\$0.00	\$200.00
Co. Rt. 73/5 and Laurel Run Bridge		X	0	+		X	0	=	\$0.00	\$100.00
Interstate 68 Bridge		X	0	+		X	0	=	\$0.00	\$100.00
Co. Rt. 73/5 and Laurel Run Bridge		X	0	+		X	0	=	\$0.00	\$100.00
Interstate 68 Bridge		X	0	+		X	0	=	\$0.00	\$100.00
Cheat River Bridge		X	0	+		X	0	=	\$0.00	\$100.00
Cheat River Bridge		X	0	+		X	0	=	\$0.00	\$100.00
Saltlick Creek Bridge		X	0	+		X	0	=	\$0.00	\$100.00
Preston County Courthouse	\$11,829.00	X	0	+	\$11,829.00	X	0	=	\$0.00	\$200.00
U.S. Postal Office - Kingwood		X	0	+		X	0	=	\$0.00	\$0.00

Name/Description of Structure	Average Daily Operating Budget (Step 3) (\$)	X	Functional Downtime (Step 4) (# of days)	+	Displacement Cost per Day (Step 3) (\$)	X	Displacement Time (Step 4) (\$)	=	Structure Use & Function Loss (\$)	Structure Loss + Content Loss + Function Loss (\$)
U.S. Postal Office - Arthurdale	\$47.00	X	0	+	\$47.00	X	0	=	\$0.00	\$0.00
U.S. Postal Office - Reedsville	\$320.00	X	0	+	\$320.00	X	0	=	\$0.00	\$0.00
U.S. Postal Office - Bretz	\$52.00	X	0	+	\$52.00	X	0	=	\$0.00	\$0.00
U.S. Postal Office - Terra Alta		X	0	+		X	0	=	\$0.00	\$0.00
U.S. Postal Office - Tunnelton	\$1,054.00	X	0	+	\$1,054.00	X	0	=	\$0.00	\$0.00
U.S. Postal Office-Newburg	\$55.00	X	0	+	\$55.00	X	0	=	\$0.00	\$0.00
U.S. Postal Office - Masontown	\$49.00	X	0	+	\$49.00	X	0	=	\$0.00	\$0.00
U.S. Postal Office - Bruceton Mills	\$1,273.00	X	0	+	\$1,273.00	X	0	=	\$0.00	\$0.00
U.S. Postal Office-Rowlesburg	\$52.00	X	0	+	\$52.00	X	0	=	\$0.00	\$0.00
U.S. Postal Office - Aurora	\$49.00	X	0	+	\$49.00	X	0	=	\$0.00	\$0.00
U.S. Postal Office - Eglon	\$186.00	X	0	+	\$186.00	X	0	=	\$0.00	\$0.00
Town Hall - Albright	\$116.00	X	0	+	\$116.00	X	0	=	\$0.00	\$0.00
Town Hall - Brandonsville		X	0	+		X	0	=	\$0.00	\$0.00
Town Hall - Bruceton Mills		X	0	+		X	0	=	\$0.00	\$0.00
City Hall - Kingwood	\$3,328.00	X	0	+	\$3,328.00	X	0	=	\$0.00	\$200.00
Town Hall - Masontown	\$342.47	X	0	+	\$342.47	X	0	=	\$0.00	\$0.00
Town Hall - Newburg		X	0	+		X	0	=	\$0.00	\$0.00
Town Hall - Rowlesburg	\$313.22	X	0	+	\$313.22	X	0	=	\$0.00	\$0.00
Town Hall-Tara Alta	\$479.45	X	0	+	\$479.45	X	0	=	\$0.00	\$0.00
State Police - Kingwood	\$767.00	X	0	+	\$767.00	X	0	=	\$0.00	\$0.00
Water Plant - Albright		X	0	+		X	0	=	\$0.00	\$0.00
Preston Co. PSD # 1		X	0	+		X	0	=	\$0.00	\$0.00
Arthurdale Water Association		X	0	+		X	0	=	\$0.00	\$0.00
Water Plant - Brandonville		X	0	+		X	0	=	\$0.00	\$0.00
Water Plant - Kingwood	\$605.00	X	0	+	\$605.00	X	0	=	\$0.00	\$200.00
Water Plant - Masontown	\$342.00	X	0	+	\$342.00	X	0	=	\$0.00	\$0.00
Water Plant - Rowlesburg	\$104.00	X	0	+	\$104.00	X	0	=	\$0.00	\$0.00
Water Plant - Terra Alta	\$616.00	X	0	+	\$616.00	X	0	=	\$0.00	\$100.00

Name/Description of Structure	Average Daily Operating Budget (Step 3) (\$)	X	Functional Downtime (Step 4) (# of days)	+	Displacement Cost per Day (Step 3) (\$)	X	Displacement Time (Step 4) (\$)	=	Structure Use & Function Loss (\$)	Structure Loss + Content Loss + Function Loss (\$)
Sewer Plant - Albright	\$107.00	X	0	+	\$107.00	X	0	=	\$0.00	\$0.00
Sewer Plant - Brandonville		X	0	+		X	0	=	\$0.00	\$0.00
Sewer Plant - Kingwood	\$1,369.00	X	0	+	\$1,369.00	X	0	=	\$0.00	\$200.00
Sewer Plant - Masontown	\$328.00	X	0	+	\$328.00	X	0	=	\$0.00	\$200.00
Sewer Plant - Newburg		X	0	+		X	0	=	\$0.00	\$0.00
Sewer Plant - Rowlesburg	\$55.00	X	0	+	\$55.00	X	0	=	\$0.00	\$0.00
Sewer Plant - Terra Alta		X	0	+		X	0	=	\$0.00	\$0.00
Hopemont Hospital	\$19,178.08	X	0	+	\$19,178.08	X	0	=	\$0.00	\$2,500.00
Valley Fuels	\$5,479.00	X	0	+	\$5,479.00	X	0	=	\$0.00	\$0.00
Peak Communications	\$164.00	X	0	+	\$164.00	X	0	=	\$0.00	\$0.00
Metal Creations	\$81.00	X	0	+	\$81.00	X	0	=	\$0.00	\$0.00
Greer Limestone Company	\$80,000.00	X	0	+	\$80,000.00	X	0	=	\$0.00	\$2,400.00
BB&T Masontown		X	0	+		X	0	=	\$0.00	\$0.00
BB&T Kingwood		X	0	+		X	0	=	\$0.00	\$100.00
BB&T Brucetonmills		X	0	+		X	0	=	\$0.00	\$0.00
Austin Powder Company		X	0	+		X	0	=	\$0.00	\$0.00
Kingwood Pharmacy		X	0	+		X	0	=	\$0.00	\$0.00
AT&T Earth Station		X	0	+		X	0	=	\$0.00	\$800.00
Windy Mill Manor		X	0	+		X	0	=	\$0.00	\$0.00
Albright Power Plant		X	0	+		X	0	=	\$0.00	\$0.00
									<b>\$0.00</b>	<b>\$439,300.00</b>

**Hazard: Flooding**

<b>Structure Loss (Task A.1.)</b>					
Name/Description of Structure	Structure Replacement Value (Step 3) (\$)	X	Percent Damage (Step 4) (%)	=	Loss to Structure (\$)
Kingwood Public Library	\$517,500.00	X	0.00	=	\$0.00
Terra Alta Public Library	\$400,000.00	X	0.00	=	\$0.00
Albright VFD	248500	X	2.00	=	\$5,000.00
Aurora VFD	\$400,000.00	X	1.00	=	\$4,000.00
Bruceton-Brandon VFD	\$480,000.00	X	2.00	=	\$9,600.00
Fellowsville VFD	\$350,000.00	X	0.50	=	\$1,800.00
Kingwood VFD	\$450,000.00	X	0.00	=	\$0.00
Masontown VFD	\$450,000.00	X	0.00	=	\$0.00
Mount Grove VFD		X	0.00	=	\$0.00
Newburg VFD		X	0.00	=	\$0.00
Reedsville VFD	\$350,000.00	X	0.00	=	\$0.00
Rowlesburg VFD		X	2.00	=	\$0.00
Terra Alta VFD	\$160,000.00	X	0.00	=	\$0.00
Tunnelton VFD		X	0.00	=	\$0.00
Mountaineer Ambulance Service Inc.		X	1.00	=	\$0.00
Terra Alta Ambulance Squad Inc.		X	0.50	=	\$0.00
Tunnelton Community Ambulance Service		X	0.00	=	\$0.00
Aurora Elementary School	\$3,585,900.00	X	0.50	=	\$17,900.00
Bruceton School	\$3,472,200.00	X	2.00	=	\$69,400.00
Central Preston Middle School	\$260,400.00	X	0.00	=	\$0.00
Fellowsville Elementary School	\$126,000.00	X	0.00	=	\$0.00
Kingwood Elementary School	\$115,200.00	X	0.00	=	\$0.00
Preston High School	\$2,110,050.00	X	0.00	=	\$0.00
Rowlesburg School	\$6,384,000.00	X	4.00	=	\$255,400.00
South Preston Middle School	\$114,300.00	X	0.00	=	\$0.00
Terra Alta / East Preston School	\$822,600.00	X	0.00	=	\$0.00
Tunnelton - Denver Elementary School	\$1,529,100.00	X	1.00	=	\$15,300.00

<b>Contents Loss (Task A.2.)</b>				
Replacement Value of Contents (Step 3) (\$)	X	Percent Damage (step 4) (%)	=	Loss to Contents (\$)
\$300,000.00	X	0.00	=	\$0.00
\$100,000.00	X	0.00	=	\$0.00
\$952,000.00	X	1.00	=	\$9,500.00
\$150,000.00	X	0.50	=	\$800.00
\$639,000.00	X	1.00	=	\$6,400.00
\$400,000.00	X	0.25	=	\$1,000.00
\$1,000,000.00	X	0.00	=	\$0.00
\$750,000.00	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
\$650,000.00	X	0.00	=	\$0.00
	X	1.00	=	\$0.00
\$750,000.00	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
	X	0.50	=	\$0.00
	X	0.25	=	\$0.00
	X	0.00	=	\$0.00
\$1,195,300.00	X	0.25	=	\$3,000.00
\$1,157,400.00	X	1.00	=	\$11,600.00
\$86,800.00	X	0.00	=	\$0.00
\$42,000.00	X	0.00	=	\$0.00
\$38,400.00	X	0.00	=	\$0.00
\$703,350.00	X	0.00	=	\$0.00
\$2,128,000.00	X	2.00	=	\$42,600.00
\$38,100.00	X	0.00	=	\$0.00
\$274,250.00	X	0.00	=	\$0.00
\$509,700.00	X	0.50	=	\$2,500.00

Name/Description of Structure	Structure Replacement Value (Step 3) (\$)	X	Percent Damage (Step 4) (%)	=	Loss to Structure (\$)
Valley Elementary School	\$3,160,200.00	X	0.50	=	\$15,800.00
West Preston Middle School	\$882,000.00	X	0.50	=	\$4,400.00
Integrity Christian School		X	0.00	=	\$0.00
West Virginia Paving, Inc.		X	0.00	=	\$0.00
Grimm Lumber, Inc.		X	0.50	=	\$0.00
Coaltrain Corporation		X	0.00	=	\$0.00
Mary Ruth Corporation	\$300,000.00	X	0.00	=	\$0.00
Pretzell Excavating Co.,	\$200,000.00	X	0.50	=	\$1,000.00
Sharon Coal Company		X	0.50	=	\$0.00
Fibair - Division of Hollinee		X	0.00	=	\$0.00
Pioneer Press of West Virginia	\$420,000.00	X	0.00	=	\$0.00
Coastal Coal - Sub Coastal Corporation	\$850,000.00	X	0.00	=	\$0.00
Masontown Block Corporation	\$250,000.00	X	0.00	=	\$0.00
Preston Publications, Inc.	\$100,000.00	X	0.00	=	\$0.00
Arrowhead Machine Works	\$883,200.00	X	0.00	=	\$0.00
Coastal Lumber Company - Eglon	\$800,000.00	X	0.50	=	\$4,000.00
Jennmar Corporation	\$3,937,600.00	X	0.00	=	\$0.00
Preston Machine Enterprises	\$500,000.00	X	0.00	=	\$0.00
Hazelton Milling Company	\$1,035,000.00	X	1.00	=	\$10,400.00
Custom Inflatables, Inc.	\$345,000.00	X	0.00	=	\$0.00
Interstate Hardwoods		X	0.50	=	\$0.00
Coastal Lumber Company - Bruceton Mills	\$1,000,000.00	X	2.00	=	\$20,000.00
Cheat River Wood Products, Inc.		X	1.00	=	\$0.00
C & T Lumber	\$10,000.00	X	0.50	=	\$100.00
4D Logging	\$150,000.00	X	0.50	=	\$800.00
D & C, L.L.C.	\$550,000.00	X	0.00	=	\$0.00
Allegheny Wood Products, Inc. - Kingwood		X	0.00	=	\$0.00
Allegheny Wood Products, Inc. - Hazelton		X	1.00	=	\$0.00

Replacement Value of Contents (Step 3) (\$)	X	Percent Damage (step 4) (%)	=	Loss to Contents (\$)
\$1,053,400.00	X	0.25	=	\$2,600.00
\$294,000.00	X	0.25	=	\$700.00
	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
	X	0.25	=	\$0.00
	X	0.00	=	\$0.00
\$150,000.00	X	0.00	=	\$0.00
\$100,000.00	X	0.25	=	\$300.00
	X	0.25	=	\$0.00
	X	0.00	=	\$0.00
\$900,000.00	X	0.00	=	\$0.00
\$1,000,000.00	X	0.00	=	\$0.00
\$750,000.00	X	0.00	=	\$0.00
\$360,000.00	X	0.00	=	\$0.00
\$1,000,000.00	X	0.00	=	\$0.00
\$750,000.00	X	0.25	=	\$1,900.00
\$3,937,600.00	X	0.00	=	\$0.00
\$1,000,000.00	X	0.00	=	\$0.00
\$1,035,000.00	X	0.50	=	\$5,200.00
\$125,000.00	X	0.00	=	\$0.00
	X	0.25	=	\$0.00
\$2,000,000.00	X	1.00	=	\$20,000.00
	X	0.50	=	\$0.00
\$75,000.00	X	0.25	=	\$200.00
\$200,000.00	X	0.25	=	\$500.00
\$70,000.00	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
	X	0.50	=	\$0.00

Name/Description of Structure	Structure Replacement Value (Step 3) (\$)	X	Percent Damage (Step 4) (%)	=	Loss to Structure (\$)
Birdsreek Repair	\$165,000.00	X	0.00	=	\$0.00
DK Equipment Company		X	0.00	=	\$0.00
Cranesville Stone, Inc.	\$200,000.00	X	0.00	=	\$0.00
Headline Books	\$69,000.00	X	0.00	=	\$0.00
GEC, Inc.		X	0.00	=	\$0.00
Owens Industrial Commercial	\$1,725,000.00	X	0.00	=	\$0.00
Affordable Signs Unlimited		X	0.50	=	\$0.00
AI Corporation	\$250,000.00	X	0.00	=	\$0.00
Triple D Logging	\$40,000.00	X	1.00	=	\$400.00
Ad America		X	0.00	=	\$0.00
Matthews Bronze Corporation	\$1,000,000.00	X	0.00	=	\$0.00
ALJEZ Inc.		X	0.00	=	\$0.00
Taz Hardwoods	\$1,350,000.00	X	1.00	=	\$13,500.00
Shatters Printing	\$217,500.00	X	0.00	=	\$0.00
Phillips Precast Concrete Inc.	\$276,000.00	X	0.00	=	\$0.00
Press - Ex Printing	\$16,000.00	X	0.00	=	\$0.00
Hayes, Harry B. Lumber Company	\$30,000.00	X	0.00	=	\$0.00
Martin Marietta Aggregates	\$1,000,000.00	X	0.00	=	\$0.00
Virginia Furnace		X	0.00	=	\$0.00
Arthurdale Historic District		X	0.50	=	\$0.00
"Gaymont" (Brookside Inn)	\$900,000.00	X	0.00	=	\$0.00
Red Horse Tavern		X	0.00	=	\$0.00
Hagans Homestead		X	0.00	=	\$0.00
Elkins Coal and Coke Company Historic District		X	0.50	=	\$0.00
Reckart Mill		X	1.00	=	\$0.00
Kingwood Historic District		X	0.00	=	\$0.00
James Clark McGrew House		X	0.00	=	\$0.00
Ralph Snyder Decagonal Barn		X	0.00	=	\$0.00
Fairfax Stone Site		X	0.00	=	\$0.00
Colonel Thomas Brown House		X	0.00	=	\$0.00
James S. Lakin House		X	0.50	=	\$0.00

Replacement Value of Contents (Step 3) (\$)	X	Percent Damage (step 4) (%)	=	Loss to Contents (\$)
\$8,000.00	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
\$1,000,000.00	X	0.00	=	\$0.00
\$125,000.00	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
\$600,000.00	X	0.00	=	\$0.00
	X	0.25	=	\$0.00
\$187,500.00	X	0.00	=	\$0.00
\$75,000.00	X	0.50	=	\$400.00
	X	0.00	=	\$0.00
\$20,000,000.00	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
\$2,500,000.00	X	0.50	=	\$12,500.00
\$750,000.00	X	0.00	=	\$0.00
\$150,000.00	X	0.00	=	\$0.00
\$40,000.00	X	0.00	=	\$0.00
\$22,500.00	X	0.00	=	\$0.00
\$2,000,000.00	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
	X	0.25	=	\$0.00
\$150,000.00	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
	X	0.50	=	\$0.00
	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
	X	0.25	=	\$0.00

Name/Description of Structure	Structure Replacement Value (Step 3) (\$)	X	Percent Damage (Step 4) (%)	=	Loss to Structure (\$)
Terra Alta Bank	\$500,000.00	X	1.00	=	\$5,000.00
Tunnelton Railroad Depot		X	1.00	=	\$0.00
McKee Sky Ranch Airport (private)		X	0.00	=	\$0.00
Titus Field Airport (private)	\$211,200.00	X	0.00	=	\$0.00
Moore Field	\$184,800.00	X	0.00	=	\$0.00
Camp Dawson	\$67,427,784.00	X	1.00	=	\$674,300.00
Valley Point	\$313,600.00	X	0.00	=	\$0.00
Railroad	\$19,794,400.00	X	1.00	=	\$197,900.00
Roadways	\$4,149,130,000.00	X	1.00	=	\$41,491,300.00
Hamed Memorial Medical Clinic	\$716,800.00	X	0.00	=	\$0.00
Davis Clinic		X	0.00	=	\$0.00
Harriman Memorial Clinic		X	0.00	=	\$0.00
Preston Memorial Hospital	\$6,720,000.00	X	0.00	=	\$0.00
Cheat River Bridge No. 92	\$1,024,000.00	X	1.00	=	\$10,200.00
WV Route 7 Bridge	\$1,849,600.00	X	1.00	=	\$18,500.00
Co. Rt. 73/5 and Laurel Run Bridge	\$825,600.00	X	1.00	=	\$8,300.00
Interstate 68 Bridge	\$825,600.00	X	1.00	=	\$8,300.00
Co. Rt. 73/5 and Laurel Run Bridge	\$793,600.00	X	1.00	=	\$7,900.00
Interstate 68 Bridge	\$793,600.00	X	0.50	=	\$4,000.00
Cheat River Bridge	\$1,008,000.00	X	1.00	=	\$10,100.00
Cheat River Bridge	\$979,200.00	X	1.00	=	\$9,800.00
Saltlick Creek Bridge	\$1,043,200.00	X	1.00	=	\$10,400.00
Preston County Courthouse	\$2,329,565.00	X	0.00	=	\$0.00
U.S. Postal Office - Kingwood		X	0.00	=	\$0.00
U.S. Postal Office - Arthurdale	\$168,960.00	X	1.00	=	\$1,700.00
U.S. Postal Office - Reedsville	\$271,920.00	X	0.00	=	\$0.00
U.S. Postal Office - Bretz	\$123,200.00	X	0.00	=	\$0.00
U.S. Postal Office - Terra Alta	\$30,000.00	X	0.00	=	\$0.00
U.S. Postal Office - Tunnelton	132000	X	0.00	=	\$0.00
U.S. Postal Office-Newburg	\$220,000.00	X	1.00	=	\$2,200.00

Replacement Value of Contents (Step 3) (\$)	X	Percent Damage (step 4) (%)	=	Loss to Contents (\$)
\$50,000.00	X	0.50	=	\$300.00
	X	0.50	=	\$0.00
	X	0.00	=	\$0.00
\$211,200.00	X	0.00	=	\$0.00
\$184,800.00	X	0.00	=	\$0.00
\$722,000.00	X	0.50	=	\$3,600.00
\$400,000.00	X	0.00	=	\$0.00
	X	0.50	=	\$0.00
	X	0.50	=	\$0.00
\$850,000.00	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
\$7,000,000.00	X	0.00	=	\$0.00
	X	0.50	=	\$0.00
	X	0.50	=	\$0.00
	X	0.50	=	\$0.00
	X	0.50	=	\$0.00
	X	0.50	=	\$0.00
	X	0.50	=	\$0.00
	X	0.50	=	\$0.00
\$731,442.00	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
\$168,960.00	X	0.50	=	\$800.00
\$20,000.00	X	0.00	=	\$0.00
\$123,200.00	X	0.00	=	\$0.00
\$30,000.00	X	0.00	=	\$0.00
\$30,000.00	X	0.00	=	\$0.00
\$220,000.00	X	0.50	=	\$1,100.00

Name/Description of Structure	Structure Replacement Value (Step 3) (\$)	X	Percent Damage (Step 4) (%)	=	Loss to Structure (\$)
U.S. Postal Office - Masontown	\$211,200.00	X	0.00	=	\$0.00
U.S. Postal Office - Bruceton Mills	\$193,600.00	X	2.00	=	\$3,900.00
U.S. Postal Office- Rowlesburg	\$176,000.00	X	1.00	=	\$1,800.00
U.S. Postal Office - Aurora	\$140,800.00	X	0.00	=	\$0.00
U.S. Postal Office - Eglon	\$105,600.00	X	0.00	=	\$0.00
Town Hall - Albright	\$55,000.00	X	1.00	=	\$600.00
Town Hall - Brandonsville		X	1.00	=	\$0.00
Town Hall - Bruceton Mills		X	1.00	=	\$0.00
City Hall - Kingwood	\$500,000.00	X	0.00	=	\$0.00
Town Hall - Masontown	\$35,000.00	X	0.00	=	\$0.00
Town Hall - Newburg		X	0.00	=	\$0.00
Town Hall - Rowlesburg	\$25,755.00	X	1.00	=	\$300.00
Town Hall-Tara Alta	\$400,000.00	X	0.00	=	\$0.00
State Police - Kingwood	\$100,000.00	X	0.00	=	\$0.00
Water Plant - Albright		X	2.00	=	\$0.00
Preston Co. PSD # 1		X	1.00	=	\$0.00
Arthurdale Water Association		X	1.00	=	\$0.00
Water Plant - Brandonville		X	1.00	=	\$0.00
Water Plant - Kingwood	\$1,200,000.00	X	1.00	=	\$12,000.00
Water Plant - Masontown	\$150,000.00	X	1.00	=	\$1,500.00
Water Plant - Rowlesburg	\$82,417.00	X	1.00	=	\$800.00
Water Plant - Terra Alta	\$834,000.00	X	1.00	=	\$8,300.00
Sewer Plant - Albright	\$125,000.00	X	1.00	=	\$1,300.00
Sewer Plant - Brandonville		X	1.00	=	\$0.00
Sewer Plant - Kingwood	\$1,150,000.00	X	1.00	=	\$11,500.00
Sewer Plant - Masontown	\$1,052,500.00	X	1.00	=	\$10,500.00
Sewer Plant - Newburg		X	1.00	=	\$0.00
Sewer Plant - Rowlesburg	\$10,000.00	X	1.00	=	\$100.00
Sewer Plant - Terra Alta		X	1.00	=	\$0.00
Hopemont Hospital	\$25,000,000.00	X	0.00	=	\$0.00
Valley Fuels	\$1,500.00	X	0.00	=	\$0.00

Replacement Value of Contents (Step 3) (\$)	X	Percent Damage (step 4) (%)	=	Loss to Contents (\$)
\$15,000.00	X	0.00	=	\$0.00
\$193,600.00	X	1.00	=	\$1,900.00
\$176,000.00	X	0.50	=	\$900.00
\$10,000.00	X	0.00	=	\$0.00
\$8,000.00	X	0.00	=	\$0.00
\$15,000.00	X	0.50	=	\$100.00
	X	0.50	=	\$0.00
	X	0.50	=	\$0.00
\$1,200,000.00	X	0.00	=	\$0.00
\$10,000.00	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
\$2,000.00	X	0.50	=	\$0.00
\$20,000.00	X	0.00	=	\$0.00
\$100,000.00	X	0.00	=	\$0.00
	X	1.00	=	\$0.00
	X	0.50	=	\$0.00
	X	0.50	=	\$0.00
\$1,500,000.00	X	0.50	=	\$7,500.00
\$50,000.00	X	0.50	=	\$300.00
\$82,417.00	X	0.50	=	\$400.00
\$100,000.00	X	0.50	=	\$500.00
\$5,000.00	X	0.50	=	\$0.00
	X	0.50	=	\$0.00
\$2,400,000.00	X	0.50	=	\$12,000.00
\$1,000,000.00	X	0.50	=	\$5,000.00
	X	0.50	=	\$0.00
\$20,000.00	X	0.50	=	\$100.00
	X	0.50	=	\$0.00
\$300,000.00	X	0.00	=	\$0.00
\$30,000.00	X	0.00	=	\$0.00

Name/Description of Structure	Structure Replacement Value (Step 3) (\$)	X	Percent Damage (Step 4) (%)	=	Loss to Structure (\$)
Peak Communications	\$70,000.00	X	0.00	=	\$0.00
Metal Creations	\$75,000.00	X	0.00	=	\$0.00
Greer Limestone Company	\$20,000,000.00	X	0.00	=	\$0.00
BB&T Masontown	200000	X	0.00	=	\$0.00
BB&T Kingwood	\$500,000.00	X	0.00	=	\$0.00
BB&T Brucetonmills	200000	X	1.00	=	\$2,000.00
Austin Powder Company	\$125,000.00	X	0.00	=	\$0.00
Kingwood Pharmacy	340000	X	0.00	=	\$0.00
AT&T Earth Station	\$5,733,300.00	X	0.00	=	\$0.00
Windy Mill Manor		X	0.00	=	\$0.00
Albright Power Plant		X	1.00	=	\$0.00
					<b>\$42,963,300.00</b>

Replacement Value of Contents (Step 3) (\$)	X	Percent Damage (step 4) (%)	=	Loss to Contents (\$)
\$50,000.00	X	0.00	=	\$0.00
\$50,000.00	X	0.00	=	\$0.00
\$8,000,000.00	X	0.00	=	\$0.00
\$200,000.00	X	0.00	=	\$0.00
\$500,000.00	X	0.00	=	\$0.00
\$200,000.00	X	0.50	=	\$1,000.00
\$165,000.00	X	0.00	=	\$0.00
\$300,000.00	X	0.00	=	\$0.00
\$4,299,975.00	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
	X	0.50	=	\$0.00
				<b>\$157,200.00</b>

Structure Use and Function Loss (Task A.3.)										
Name/Description of Structure	Average Daily Operating Budget (Step 3) (\$)	X	Functional Downtime (Step 4) (# of days)	+	Displacement Cost per Day (Step 3) (\$)	X	Displacement Time (Step 4) (\$)	=	Structure Use & Function Loss (\$)	Structure Loss + Content Loss + Function Loss (\$)
Kingwood Public Library	\$410.00	X	0	+	\$410.00	X	0	=	\$0.00	\$0.00
Terra Alta Public Library	\$142.47	X	0	+	\$142.47	X	0	=	\$0.00	\$0.00
Albright VFD	\$150.00	X	1	+	\$150.00	X	0	=	\$150.00	\$14,650.00
Aurora VFD		X	0	+		X	0	=	\$0.00	\$4,800.00
Bruce-ton-Brandon VFD	\$330.00	X	1	+	\$330.00	X	0	=	\$330.00	\$16,330.00
Fellowsville VFD	\$274.00	X	0	+	\$274.00	X	0	=	\$0.00	\$2,800.00
Kingwood VFD	\$110.00	X	0	+	\$110.00	X	0	=	\$0.00	\$0.00
Masontown VFD	\$1,200.00	X	0	+	\$1,200.00	X	0	=	\$0.00	\$0.00
Mount Grove VFD		X	0	+		X	0	=	\$0.00	\$0.00
Newburg VFD		X	0	+		X	0	=	\$0.00	\$0.00
Reedsville VFD	\$275.00	X	0	+	\$275.00	X	0	=	\$0.00	\$0.00
Rowlesburg VFD		X	1	+		X	0	=	\$0.00	\$0.00
Terra Alta VFD	\$137.00	X	0	+	\$137.00	X	0	=	\$0.00	\$0.00
Tunnelton VFD		X	0	+		X	0	=	\$0.00	\$0.00
Mountaineer Ambulance Service Inc.		X	0	+		X	0	=	\$0.00	\$0.00
Terra Alta Ambulance Squad Inc.		X	0	+		X	0	=	\$0.00	\$0.00
Tunnelton Community Ambulance Service		X	0	+		X	0	=	\$0.00	\$0.00
Aurora Elementary School	\$2,507.00	X	1	+	\$2,507.00	X	0	=	\$2,507.00	\$23,407.00
Bruce-ton School	\$6,493.00	X	1	+	\$6,493.00	X	0	=	\$6,493.00	\$87,493.00
Central Preston Middle School	\$4,562.00	X	1	+	\$4,562.00	X	0	=	\$4,562.00	\$4,562.00
Fellowsville Elementary School	\$2,603.00	X	1	+	\$2,603.00	X	0	=	\$2,603.00	\$2,603.00
Kingwood Elementary School	\$9,356.16	X	1	+	\$9,356.16	X	0	=	\$9,356.16	\$9,356.16
Preston High School	\$23,000.00	X	1	+	\$23,000.00	X	0	=	\$23,000.00	\$23,000.00
Rowlesburg School	\$2,849.32	X	1	+	\$2,849.32	X	0	=	\$2,849.32	\$300,849.32
South Preston Middle School	\$2,972.60	X	1	+	\$2,972.60	X	0	=	\$2,972.60	\$2,972.60

Name/Description of Structure	Average Daily Operating Budget (Step 3) (\$)	X	Functional Downtime (Step 4) (# of days)	+	Displacement Cost per Day (Step 3) (\$)	X	Displacement Time (Step 4) (\$)	=	Structure Use & Function Loss (\$)	Structure Loss + Content Loss + Function Loss (\$)
Terra Alta / East Preston School	\$7,534.25	X	1	+	\$7,534.25	X	0	=	\$7,534.25	\$7,534.25
Tunnelton - Denver Elementary School	\$3,260.27	X	1	+	\$3,260.27	X	0	=	\$3,260.27	\$21,060.27
Valley Elementary School	\$6,561.64	X	1	+	\$6,561.64	X	0	=	\$6,561.64	\$24,961.64
West Preston Middle School	\$2,986.30	X	1	+	\$2,986.30	X	0	=	\$2,986.30	\$8,086.30
Integrity Christian School		X	1	+		X	0	=	\$0.00	\$0.00
West Virginia Paving, Inc.		X	0	+		X	0	=	\$0.00	\$0.00
Grimm Lumber, Inc.		X	0	+		X	0	=	\$0.00	\$0.00
Coaltrain Corporation		X	0	+		X	0	=	\$0.00	\$0.00
Mary Ruth Corporation	\$685.00	X	0	+	\$685.00	X	0	=	\$0.00	\$0.00
Pretzell Excavating Co.,	\$1,370.00	X	0	+	\$1,370.00	X	0	=	\$0.00	\$1,300.00
Sharon Coal Company		X	0	+		X	0	=	\$0.00	\$0.00
Fibair - Division of Hollinee		X	0	+		X	0	=	\$0.00	\$0.00
Pioneer Press of West Virginia	\$2,055.00	X	0	+	\$2,055.00	X	0	=	\$0.00	\$0.00
Coastal Coal - Sub Coastal Corporation		X	0	+		X	0	=	\$0.00	\$0.00
Masontown Block Corporation	\$1,370.00	X	0	+	\$1,370.00	X	0	=	\$0.00	\$0.00
Preston Publications, Inc.	\$1,918.00	X	0	+	\$1,918.00	X	0	=	\$0.00	\$0.00
Arrowhead Machine Works	\$548.00	X	0	+	\$548.00	X	0	=	\$0.00	\$0.00
Coastal Lumber Company - Eglon	\$2,131.00	X	0	+	\$2,131.00	X	0	=	\$0.00	\$5,900.00
Jenmar Corporation	\$274.00	X	0	+	\$274.00	X	0	=	\$0.00	\$0.00
Preston Machine Enterprises	\$2,740.00	X	0	+	\$2,740.00	X	0	=	\$0.00	\$0.00
Hazleton Milling Company	\$220.00	X	0	+	\$220.00	X	0	=	\$0.00	\$15,600.00
Custom Inflatables, Inc.	\$342.00	X	0	+	\$342.00	X	0	=	\$0.00	\$0.00
Interstate Hardwoods		X	0	+		X	0	=	\$0.00	\$0.00
Coastal Lumber Company - Bruceton Mills	\$4,262.00	X	1	+	\$4,262.00	X	0	=	\$4,262.00	\$44,262.00
Cheat River Wood Products, Inc.		X	1	+		X	0	=	\$0.00	\$0.00
C & T Lumber	\$822.00	X	1	+	\$822.00	X	0	=	\$822.00	\$1,122.00
4D Logging	\$1,370.00	X	1	+	\$1,370.00	X	0	=	\$1,370.00	\$2,670.00

Name/Description of Structure	Average Daily Operating Budget (Step 3) (\$)	X	Functional Downtime (Step 4) (# of days)	+	Displacement Cost per Day (Step 3) (\$)	X	Displacement Time (Step 4) (\$)	=	Structure Use & Function Loss (\$)	Structure Loss + Content Loss + Function Loss (\$)
D & C, L.L.C.	\$274.00	X	0	+	\$274.00	X	0	=	\$0.00	\$0.00
Allegheny Wood Products, Inc. - Kingwood		X	1	+		X	0	=	\$0.00	\$0.00
Allegheny Wood Products, Inc. - Hazelton		X	1	+		X	0	=	\$0.00	\$0.00
Birdscreek Repair	\$83.00	X	0	+	\$83.00	X	0	=	\$0.00	\$0.00
DK Equipment Company		X	0	+		X	0	=	\$0.00	\$0.00
Cranesville Stone, Inc.	\$4,110.00	X	0	+	\$4,110.00	X	0	=	\$0.00	\$0.00
Headline Books	\$125.00	X	0	+	\$125.00	X	0	=	\$0.00	\$0.00
GEC, Inc.		X	0	+		X	0	=	\$0.00	\$0.00
Owens Industrial Commercial	\$1,096.00	X	0	+	\$1,096.00	X	0	=	\$0.00	\$0.00
Affordable Signs Unlimited		X	0	+		X	0	=	\$0.00	\$0.00
AI Corporation	\$1,000.00	X	0	+	\$1,000.00	X	0	=	\$0.00	\$0.00
Triple D Logging	\$685.00	X	0	+	\$685.00	X	0	=	\$0.00	\$800.00
Ad America		X	0	+		X	0	=	\$0.00	\$0.00
Matthews Bronze Corporation	\$109,589.00	X	0	+	\$109,589.00	X	0	=	\$0.00	\$0.00
ALJEZ Inc.		X	0	+		X	0	=	\$0.00	\$0.00
Taz Hardwoods	\$13,972.00	X	0	+	\$13,972.00	X	0	=	\$0.00	\$26,000.00
Shatters Printing		X	0	+		X	0	=	\$0.00	\$0.00
Phillips Precast Concrete Inc.	\$1,096.00	X	0	+	\$1,096.00	X	0	=	\$0.00	\$0.00
Press - Ex Printing	\$137.00	X	0	+	\$137.00	X	0	=	\$0.00	\$0.00
Hayes, Harry B. Lumber Company	\$500.00	X	0	+	\$500.00	X	0	=	\$0.00	\$0.00
Martin Marietta Aggregates		X	0	+		X	0	=	\$0.00	\$0.00
Virginia Furnace		X	0	+		X	0	=	\$0.00	\$0.00
Arthurdale Historic District		X	0	+		X	0	=	\$0.00	\$0.00
"Gaymont" (Brookside Inn)	\$137.00	X	0	+	\$137.00	X	0	=	\$0.00	\$0.00
Red Horse Tavern		X	0	+		X	0	=	\$0.00	\$0.00
Hagans Homestead		X	0	+		X	0	=	\$0.00	\$0.00
Elkins Coal and Coke Company Historic District		X	0	+		X	0	=	\$0.00	\$0.00
Reckart Mill		X	0	+		X	0	=	\$0.00	\$0.00

Name/Description of Structure	Average Daily Operating Budget (Step 3) (\$)	X	Functional Downtime (Step 4) (# of days)	+	Displacement Cost per Day (Step 3) (\$)	X	Displacement Time (Step 4) (\$)	=	Structure Use & Function Loss (\$)	Structure Loss + Content Loss + Function Loss (\$)
Kingwood Historic District		X	0	+		X	0	=	\$0.00	\$0.00
James Clark McGrew House		X	0	+		X	0	=	\$0.00	\$0.00
Ralph Snyder Decagonal Barn		X	0	+		X	0	=	\$0.00	\$0.00
Fairfax Stone Site		X	0	+		X	0	=	\$0.00	\$0.00
Colonel Thomas Brown House		X	0	+		X	0	=	\$0.00	\$0.00
James S. Lakin House		X	0	+		X	0	=	\$0.00	\$0.00
Terra Alta Bank		X	0	+		X	0	=	\$0.00	\$5,300.00
Tunnelton Railroad Depot		X	0	+		X	0	=	\$0.00	\$0.00
McKee Sky Ranch Airport (private)		X	0	+		X	0	=	\$0.00	\$0.00
Titus Field Airport (private)		X	0	+		X	0	=	\$0.00	\$0.00
Moore Field		X	0	+		X	0	=	\$0.00	\$0.00
Camp Dawson	\$1,507.00	X	1	+	\$1,507.00	X	0	=	\$1,507.00	\$679,407.00
Valley Point		X	0	+		X	0	=	\$0.00	\$0.00
Railroad		X	0	+		X	0	=	\$0.00	\$197,900.00
Roadways		X	1	+		X	0	=	\$0.00	\$41,491,300.00
Hamed Memorial Medical Clinic	\$1,800.00	X	0	+	\$1,800.00	X	0	=	\$0.00	\$0.00
Davis Clinic		X	0	+		X	0	=	\$0.00	\$0.00
Harriman Memorial Clinic		X	0	+		X	0	=	\$0.00	\$0.00
Preston Memorial Hospital		X	0	+		X	0	=	\$0.00	\$0.00
Cheat River Bridge No. 92		X	0	+		X	0	=	\$0.00	\$10,200.00
WV Route 7 Bridge		X	0	+		X	0	=	\$0.00	\$18,500.00
Co. Rt. 73/5 and Laurel Run Bridge		X	0	+		X	0	=	\$0.00	\$8,300.00
Interstate 68 Bridge		X	0	+		X	0	=	\$0.00	\$8,300.00
Co. Rt. 73/5 and Laurel Run Bridge		X	0	+		X	0	=	\$0.00	\$7,900.00
Interstate 68 Bridge		X	0	+		X	0	=	\$0.00	\$4,000.00
Cheat River Bridge		X	0	+		X	0	=	\$0.00	\$10,100.00
Cheat River Bridge		X	0	+		X	0	=	\$0.00	\$9,800.00
Sattlick Creek Bridge		X	0	+		X	0	=	\$0.00	\$10,400.00

Name/Description of Structure	Average Daily Operating Budget (Step 3) (\$)	X	Functional Downtime (Step 4) (# of days)	+	Displacement Cost per Day (Step 3) (\$)	X	Displacement Time (Step 4) (\$)	=	Structure Use & Function Loss (\$)	Structure Loss + Content Loss + Function Loss (\$)
Preston County Courthouse	\$11,829.00	X	0	+	\$11,829.00	X	0	=	\$0.00	\$0.00
U.S. Postal Office - Kingwood		X	0	+		X	0	=	\$0.00	\$0.00
U.S. Postal Office - Arthurdale	\$47.00	X	1	+	\$47.00	X	0	=	\$47.00	\$2,547.00
U.S. Postal Office - Reedsville	\$320.00	X	0	+	\$320.00	X	0	=	\$0.00	\$0.00
U.S. Postal Office - Bretz	\$52.00	X	0	+	\$52.00	X	0	=	\$0.00	\$0.00
U.S. Postal Office - Terra Alta		X	0	+		X	0	=	\$0.00	\$0.00
U.S. Postal Office - Tunnelton	\$1,054.00	X	0	+	\$1,054.00	X	0	=	\$0.00	\$0.00
U.S. Postal Office-Newburg	\$55.00	X	0	+	\$55.00	X	0	=	\$0.00	\$3,300.00
U.S. Postal Office - Masontown	\$49.00	X	0	+	\$49.00	X	0	=	\$0.00	\$0.00
U.S. Postal Office - Bruceton Mills	\$1,273.00	X	1	+	\$1,273.00	X	0	=	\$1,273.00	\$7,073.00
U.S. Postal Office-Rowlesburg	\$52.00	X	1	+	\$52.00	X	0	=	\$52.00	\$2,752.00
U.S. Postal Office - Aurora	\$49.00	X	1	+	\$49.00	X	0	=	\$49.00	\$49.00
U.S. Postal Office - Eglon	\$186.00	X	0	+	\$186.00	X	0	=	\$0.00	\$0.00
Town Hall - Albright	\$116.00	X	1	+	\$116.00	X	0	=	\$116.00	\$816.00
Town Hall - Brandonville		X	1	+		X	0	=	\$0.00	\$0.00
Town Hall - Bruceton Mills		X	1	+		X	0	=	\$0.00	\$0.00
City Hall - Kingwood	\$3,328.00	X	0	+	\$3,328.00	X	0	=	\$0.00	\$0.00
Town Hall - Masontown	\$342.47	X	0	+	\$342.47	X	0	=	\$0.00	\$0.00
Town Hall - Newburg		X	0	+		X	0	=	\$0.00	\$0.00
Town Hall - Rowlesburg	\$313.22	X	1	+	\$313.22	X	0	=	\$313.22	\$613.22
Town Hall-Tara Alta	\$479.45	X	0	+	\$479.45	X	0	=	\$0.00	\$0.00
State Police - Kingwood	\$767.00	X	0	+	\$767.00	X	0	=	\$0.00	\$0.00
Water Plant - Albright		X	1	+		X	0	=	\$0.00	\$0.00
Preston Co. PSD # 1		X	1	+		X	0	=	\$0.00	\$0.00
Arthurdale Water Association		X	1	+		X	0	=	\$0.00	\$0.00
Water Plant - Brandonville		X	1	+		X	0	=	\$0.00	\$0.00
Water Plant - Kingwood	\$605.00	X	1	+	\$605.00	X	0	=	\$605.00	\$20,105.00

Name/Description of Structure	Average Daily Operating Budget (Step 3) (\$)	X	Functional Downtime (Step 4) (# of days)	+	Displacement Cost per Day (Step 3) (\$)	X	Displacement Time (Step 4) (\$)	=	Structure Use & Function Loss (\$)	Structure Loss + Content Loss + Function Loss (\$)
Water Plant - Masontown	\$342.00	X	1	+	\$342.00	X	0	=	\$342.00	\$2,142.00
Water Plant - Rowlesburg	\$104.00	X	1	+	\$104.00	X	0	=	\$104.00	\$1,304.00
Water Plant - Terra Alta	\$616.00	X	1	+	\$616.00	X	0	=	\$616.00	\$9,416.00
Sewer Plant - Albright	\$107.00	X	1	+	\$107.00	X	0	=	\$107.00	\$1,407.00
Sewer Plant - Brandonville		X	1	+		X	0	=	\$0.00	\$0.00
Sewer Plant - Kingwood	\$1,369.00	X	1	+	\$1,369.00	X	0	=	\$1,369.00	\$24,869.00
Sewer Plant - Masontown	\$328.00	X	1	+	\$328.00	X	0	=	\$328.00	\$15,828.00
Sewer Plant - Newburg		X	1	+		X	0	=	\$0.00	\$0.00
Sewer Plant - Rowlesburg	\$55.00	X	1	+	\$55.00	X	0	=	\$55.00	\$255.00
Sewer Plant - Terra Alta		X	1	+		X	0	=	\$0.00	\$0.00
Hopemont Hospital	\$19,178.08	X	0	+	\$19,178.08	X	0	=	\$0.00	\$0.00
Valley Fuels	\$5,479.00	X	0	+	\$5,479.00	X	0	=	\$0.00	\$0.00
Peak Communications	\$164.00	X	0	+	\$164.00	X	0	=	\$0.00	\$0.00
Metal Creations	\$81.00	X	0	+	\$81.00	X	0	=	\$0.00	\$0.00
Greer Limestone Company	\$80,000.00	X	0	+	\$80,000.00	X	0	=	\$0.00	\$0.00
BB&T Masontown		X	0	+		X	0	=	\$0.00	\$0.00
BB&T Kingwood		X	0	+		X	0	=	\$0.00	\$0.00
BB&T Brucetonmills		X	1	+		X	0	=	\$0.00	\$3,000.00
Austin Powder Company		X	0	+		X	0	=	\$0.00	\$0.00
Kingwood Pharmacy		X	0	+		X	0	=	\$0.00	\$0.00
AT&T Earth Station		X	0	+		X	0	=	\$0.00	\$0.00
Windy Mill Manor		X	0	+		X	0	=	\$0.00	\$0.00
Albright Power Plant		X	1	+		X	0	=	\$0.00	\$0.00
									<b>\$88,500.00</b>	<b>\$43,209,000.00</b>

**Hazard: Earthquake**

<b>Structure Loss (Task A.1.)</b>					
Name/Description of Structure	Structure Replacement Value (Step 3) (\$)	X	Percent Damage (Step 4) (%)	=	Loss to Structure (\$)
Kingwood Public Library	\$517,500.00	X	0.00	=	\$0.00
Terra Alta Public Library	\$400,000.00	X	0.00	=	\$0.00
Albright VFD	248500	X	0.00	=	\$0.00
Aurora VFD	\$400,000.00	X	0.00	=	\$0.00
Bruceton-Brandon VFD	\$480,000.00	X	0.00	=	\$0.00
Fellowsville VFD	\$350,000.00	X	0.00	=	\$0.00
Kingwood VFD	\$450,000.00	X	0.00	=	\$0.00
Masontown VFD	\$450,000.00	X	0.00	=	\$0.00
Mount Grove VFD		X	0.00	=	\$0.00
Newburg VFD		X	0.00	=	\$0.00
Reedsville VFD	\$350,000.00	X	0.00	=	\$0.00
Rowlesburg VFD		X	0.00	=	\$0.00
Terra Alta VFD	\$160,000.00	X	0.00	=	\$0.00
Tunnelton VFD		X	0.00	=	\$0.00
Mountaineer Ambulance Service Inc.		X	0.00	=	\$0.00
Terra Alta Ambulance Squad Inc.		X	0.00	=	\$0.00
Tunnelton Community Ambulance Service		X	0.00	=	\$0.00
Aurora Elementary School	\$3,585,900.00	X	0.00	=	\$0.00
Bruceton School	\$3,472,200.00	X	0.00	=	\$0.00
Central Preston Middle School	\$260,400.00	X	0.00	=	\$0.00
Fellowsville Elementary School	\$126,000.00	X	0.00	=	\$0.00
Kingwood Elementary School	\$115,200.00	X	0.00	=	\$0.00
Preston High School	\$2,110,050.00	X	0.00	=	\$0.00
Rowlesburg School	\$6,384,000.00	X	0.00	=	\$0.00
South Preston Middle School	\$114,300.00	X	0.00	=	\$0.00
Terra Alta / East Preston School	\$822,600.00	X	0.00	=	\$0.00

<b>Contents Loss (Task A.2.)</b>				
Replacement Value of Contents (Step 3) (\$)	X	Percent Damage (step 4) (%)	=	Loss to Contents (\$)
\$300,000.00	X	0.00	=	\$0.00
\$100,000.00	X	0.00	=	\$0.00
\$952,000.00	X	0.00	=	\$0.00
\$150,000.00	X	0.00	=	\$0.00
\$639,000.00	X	0.00	=	\$0.00
\$400,000.00	X	0.00	=	\$0.00
\$1,000,000.00	X	0.00	=	\$0.00
\$750,000.00	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
\$650,000.00	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
\$750,000.00	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
\$1,195,300.00	X	0.00	=	\$0.00
\$1,157,400.00	X	0.00	=	\$0.00
\$86,800.00	X	0.00	=	\$0.00
\$42,000.00	X	0.00	=	\$0.00
\$38,400.00	X	0.00	=	\$0.00
\$703,350.00	X	0.00	=	\$0.00
\$2,128,000.00	X	0.00	=	\$0.00
\$38,100.00	X	0.00	=	\$0.00
\$274,250.00	X	0.00	=	\$0.00

Name/Description of Structure	Structure Replacement Value (Step 3) (\$)	X	Percent Damage (Step 4) (%)	=	Loss to Structure (\$)
Tunnelton - Denver Elementary School	\$1,529,100.00	X	0.00	=	\$0.00
Valley Elementary School	\$3,160,200.00	X	0.00	=	\$0.00
West Preston Middle School	\$882,000.00	X	0.00	=	\$0.00
Integrity Christian School		X	0.00	=	\$0.00
West Virginia Paving, Inc.		X	0.00	=	\$0.00
Grimm Lumber, Inc.		X	0.00	=	\$0.00
Coaltrain Corporation		X	0.00	=	\$0.00
Mary Ruth Corporation	\$300,000.00	X	0.00	=	\$0.00
Pretzell Excavating Co.,	\$200,000.00	X	0.00	=	\$0.00
Sharon Coal Company		X	0.00	=	\$0.00
Fibair - Division of Hollinee		X	0.00	=	\$0.00
Pioneer Press of West Virginia	\$420,000.00	X	0.00	=	\$0.00
Coastal Coal - Sub Coastal Corporation	\$850,000.00	X	0.00	=	\$0.00
Masontown Block Corporation	\$250,000.00	X	0.00	=	\$0.00
Preston Publications, Inc.	\$100,000.00	X	0.00	=	\$0.00
Arrowhead Machine Works	\$883,200.00	X	0.00	=	\$0.00
Coastal Lumber Company - Eglon	\$800,000.00	X	0.00	=	\$0.00
Jennmar Corporation	\$3,937,600.00	X	0.00	=	\$0.00
Preston Machine Enterprises	\$500,000.00	X	0.00	=	\$0.00
Hazelton Milling Company	\$1,035,000.00	X	0.00	=	\$0.00
Custom Inflatables, Inc.	\$345,000.00	X	0.00	=	\$0.00
Interstate Hardwoods		X	0.00	=	\$0.00
Coastal Lumber Company - Bruceeton Mills	\$1,000,000.00	X	0.00	=	\$0.00
Cheat River Wood Products, Inc.		X	0.00	=	\$0.00
C & T Lumber	\$10,000.00	X	0.00	=	\$0.00
4D Logging	\$150,000.00	X	0.00	=	\$0.00
D & C, L.L.C.	\$550,000.00	X	0.00	=	\$0.00
Allegheny Wood Products, Inc. - Kingwood		X	0.00	=	\$0.00

Replacement Value of Contents (Step 3) (\$)	X	Percent Damage (step 4) (%)	=	Loss to Contents (\$)
\$509,700.00	X	0.00	=	\$0.00
\$1,053,400.00	X	0.00	=	\$0.00
\$294,000.00	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
\$150,000.00	X	0.00	=	\$0.00
\$100,000.00	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
\$900,000.00	X	0.00	=	\$0.00
\$1,000,000.00	X	0.00	=	\$0.00
\$750,000.00	X	0.00	=	\$0.00
\$360,000.00	X	0.00	=	\$0.00
\$1,000,000.00	X	0.00	=	\$0.00
\$750,000.00	X	0.00	=	\$0.00
\$3,937,600.00	X	0.00	=	\$0.00
\$1,000,000.00	X	0.00	=	\$0.00
\$1,035,000.00	X	0.00	=	\$0.00
\$125,000.00	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
\$2,000,000.00	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
\$75,000.00	X	0.00	=	\$0.00
\$200,000.00	X	0.00	=	\$0.00
\$70,000.00	X	0.00	=	\$0.00
	X	0.00	=	\$0.00



Name/Description of Structure	Structure Replacement Value (Step 3) (\$)	X	Percent Damage (Step 4) (%)	=	Loss to Structure (\$)
Colonel Thomas Brown House		X	0.00	=	\$0.00
James S. Lakin House		X	0.00	=	\$0.00
Terra Alta Bank	\$500,000.00	X	0.00	=	\$0.00
Tunnelton Railroad Depot		X	0.00	=	\$0.00
McKee Sky Ranch Airport (private)		X	0.00	=	\$0.00
Titus Field Airport (private)	\$211,200.00	X	0.00	=	\$0.00
Moore Field	\$184,800.00	X	0.00	=	\$0.00
Camp Dawson	\$67,427,784.00	X	0.00	=	\$0.00
Valley Point	\$313,600.00	X	0.00	=	\$0.00
Railroad	\$19,794,400.00	X	0.00	=	\$0.00
Roadways	\$4,149,130,000.00	X	0.00	=	\$0.00
Hamed Memorial Medical Clinic	\$716,800.00	X	0.00	=	\$0.00
Davis Clinic		X	0.00	=	\$0.00
Harriman Memorial Clinic		X	0.00	=	\$0.00
Preston Memorial Hospital	\$6,720,000.00	X	0.00	=	\$0.00
Cheat River Bridge No. 92	\$1,024,000.00	X	0.00	=	\$0.00
WV Route 7 Bridge	\$1,849,600.00	X	0.00	=	\$0.00
Co. Rt. 73/5 and Laurel Run Bridge	\$825,600.00	X	0.00	=	\$0.00
Interstate 68 Bridge	\$825,600.00	X	0.00	=	\$0.00
Co. Rt. 73/5 and Laurel Run Bridge	\$793,600.00	X	0.00	=	\$0.00
Interstate 68 Bridge	\$793,600.00	X	0.00	=	\$0.00
Cheat River Bridge	\$1,008,000.00	X	0.00	=	\$0.00
Cheat River Bridge	\$979,200.00	X	0.00	=	\$0.00
Saltlick Creek Bridge	\$1,043,200.00	X	0.00	=	\$0.00
Preston County Courthouse	\$2,329,565.00	X	0.00	=	\$0.00
U.S. Postal Office - Kingwood		X	0.00	=	\$0.00
U.S. Postal Office - Arthurdale	\$168,960.00	X	0.00	=	\$0.00
U.S. Postal Office - Reedsville	\$271,920.00	X	0.00	=	\$0.00
U.S. Postal Office - Bretz	\$123,200.00	X	0.00	=	\$0.00

Replacement Value of Contents (Step 3) (\$)	X	Percent Damage (step 4) (%)	=	Loss to Contents (\$)
	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
\$50,000.00	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
\$211,200.00	X	0.00	=	\$0.00
\$184,800.00	X	0.00	=	\$0.00
\$722,000.00	X	0.00	=	\$0.00
\$400,000.00	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
\$850,000.00	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
\$7,000,000.00	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
\$731,442.00	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
\$168,960.00	X	0.00	=	\$0.00
\$20,000.00	X	0.00	=	\$0.00
\$123,200.00	X	0.00	=	\$0.00

Name/Description of Structure	Structure Replacement Value (Step 3) (\$)	X	Percent Damage (Step 4) (%)	=	Loss to Structure (\$)
U.S. Postal Office - Terra Alta	\$30,000.00	X	0.00	=	\$0.00
U.S. Postal Office - Tunnelton	132000	X	0.00	=	\$0.00
U.S. Postal Office-Newburg	\$220,000.00	X	0.00	=	\$0.00
U.S. Postal Office - Masontown	\$211,200.00	X	0.00	=	\$0.00
U.S. Postal Office - Bruceton Mills	\$193,600.00	X	0.00	=	\$0.00
U.S. Postal Office- Rowlesburg	\$176,000.00	X	0.00	=	\$0.00
U.S. Postal Office - Aurora	\$140,800.00	X	0.00	=	\$0.00
U.S. Postal Office - Eglon	\$105,600.00	X	0.00	=	\$0.00
Town Hall - Albright	\$55,000.00	X	0.00	=	\$0.00
Town Hall - Brandonsville		X	0.00	=	\$0.00
Town Hall - Bruceton Mills		X	0.00	=	\$0.00
City Hall - Kingwood	\$500,000.00	X	0.00	=	\$0.00
Town Hall - Masontown	\$35,000.00	X	0.00	=	\$0.00
Town Hall - Newburg		X	0.00	=	\$0.00
Town Hall - Rowlesburg	\$25,755.00	X	0.00	=	\$0.00
Town Hall-Tara Alta	\$400,000.00	X	0.00	=	\$0.00
State Police - Kingwood	\$100,000.00	X	0.00	=	\$0.00
Water Plant - Albright		X	0.00	=	\$0.00
Preston Co. PSD # 1		X	0.00	=	\$0.00
Arthurdale Water Association		X	0.00	=	\$0.00
Water Plant - Brandonville		X	0.00	=	\$0.00
Water Plant - Kingwood	\$1,200,000.00	X	0.00	=	\$0.00
Water Plant - Masontown	\$150,000.00	X	0.00	=	\$0.00
Water Plant - Rowlesburg	\$82,417.00	X	0.00	=	\$0.00
Water Plant - Terra Alta	\$834,000.00	X	0.00	=	\$0.00
Sewer Plant - Albright	\$125,000.00	X	0.00	=	\$0.00
Sewer Plant - Brandonville		X	0.00	=	\$0.00
Sewer Plant - Kingwood	\$1,150,000.00	X	0.00	=	\$0.00
Sewer Plant - Masontown	\$1,052,500.00	X	0.00	=	\$0.00
Sewer Plant - Newburg		X	0.00	=	\$0.00

Replacement Value of Contents (Step 3) (\$)	X	Percent Damage (step 4) (%)	=	Loss to Contents (\$)
\$30,000.00	X	0.00	=	\$0.00
\$30,000.00	X	0.00	=	\$0.00
\$220,000.00	X	0.00	=	\$0.00
\$15,000.00	X	0.00	=	\$0.00
\$193,600.00	X	0.00	=	\$0.00
\$176,000.00	X	0.00	=	\$0.00
\$10,000.00	X	0.00	=	\$0.00
\$8,000.00	X	0.00	=	\$0.00
\$15,000.00	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
\$1,200,000.00	X	0.00	=	\$0.00
\$10,000.00	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
\$2,000.00	X	0.00	=	\$0.00
\$20,000.00	X	0.00	=	\$0.00
\$100,000.00	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
\$1,500,000.00	X	0.00	=	\$0.00
\$50,000.00	X	0.00	=	\$0.00
\$82,417.00	X	0.00	=	\$0.00
\$100,000.00	X	0.00	=	\$0.00
\$5,000.00	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
\$2,400,000.00	X	0.00	=	\$0.00
\$1,000,000.00	X	0.00	=	\$0.00
	X	0.00	=	\$0.00

Name/Description of Structure	Structure Replacement Value (Step 3) (\$)	X	Percent Damage (Step 4) (%)	=	Loss to Structure (\$)
Sewer Plant - Rowlesburg	\$10,000.00	X	0.00	=	\$0.00
Sewer Plant - Terra Alta		X	0.00	=	\$0.00
Hopemont Hospital	\$25,000,000.00	X	0.00	=	\$0.00
Valley Fuels	\$1,500.00	X	0.00	=	\$0.00
Peak Communications	\$70,000.00	X	0.00	=	\$0.00
Metal Creations	\$75,000.00	X	0.00	=	\$0.00
Greer Limestone Company	\$20,000,000.00	X	0.00	=	\$0.00
BB&T Masontown	200000	X	0.00	=	\$0.00
BB&T Kingwood	\$500,000.00	X	0.00	=	\$0.00
BB&T Brucetonmills	200000	X	0.00	=	\$0.00
Austin Powder Company	\$125,000.00	X	0.00	=	\$0.00
Kingwood Pharmacy	340000	X	0.00	=	\$0.00
AT&T Earth Station	\$5,733,300.00	X	0.00	=	\$0.00
Windy Mill Manor		X	0.00	=	\$0.00
Albright Power Plant		X	0.00	=	\$0.00
					\$0.00

Replacement Value of Contents (Step 3) (\$)	X	Percent Damage (step 4) (%)	=	Loss to Contents (\$)
\$20,000.00	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
\$300,000.00	X	0.00	=	\$0.00
\$30,000.00	X	0.00	=	\$0.00
\$50,000.00	X	0.00	=	\$0.00
\$50,000.00	X	0.00	=	\$0.00
\$8,000,000.00	X	0.00	=	\$0.00
\$200,000.00	X	0.00	=	\$0.00
\$500,000.00	X	0.00	=	\$0.00
\$200,000.00	X	0.00	=	\$0.00
\$165,000.00	X	0.00	=	\$0.00
\$300,000.00	X	0.00	=	\$0.00
\$4,299,975.00	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
				\$0.00

Structure Use and Function Loss (Task A.3.)										
Name/Description of Structure	Average Daily Operating Budget (Step 3) (\$)	X	Functional Downtime (Step 4) (# of days)	+	Displacement Cost per Day (Step 3) (\$)	X	Displacement Time (Step 4) (\$)	=	Structure Use & Function Loss (\$)	Structure Loss + Content Loss + Function Loss (\$)
Kingwood Public Library	\$410.00	X	0	+	\$410.00	X	0	=	\$0.00	\$0.00
Terra Alta Public Library	\$142.47	X	0	+	\$142.47	X	0	=	\$0.00	\$0.00
Albright VFD	\$150.00	X	0	+	\$150.00	X	0	=	\$0.00	\$0.00
Aurora VFD		X	0	+		X	0	=	\$0.00	\$0.00
Bruceton-Brandon VFD	\$330.00	X	0	+	\$330.00	X	0	=	\$0.00	\$0.00
Fellowsville VFD	\$274.00	X	0	+	\$274.00	X	0	=	\$0.00	\$0.00
Kingwood VFD	\$110.00	X	0	+	\$110.00	X	0	=	\$0.00	\$0.00
Masontown VFD	\$1,200.00	X	0	+	\$1,200.00	X	0	=	\$0.00	\$0.00
Mount Grove VFD		X	0	+		X	0	=	\$0.00	\$0.00
Newburg VFD		X	0	+		X	0	=	\$0.00	\$0.00
Reedsville VFD	\$275.00	X	0	+	\$275.00	X	0	=	\$0.00	\$0.00
Rowlesburg VFD		X	0	+		X	0	=	\$0.00	\$0.00
Terra Alta VFD	\$137.00	X	0	+	\$137.00	X	0	=	\$0.00	\$0.00
Tunnelton VFD		X	0	+		X	0	=	\$0.00	\$0.00
Mountaineer Ambulance Service Inc.		X	0	+		X	0	=	\$0.00	\$0.00
Terra Alta Ambulance Squad Inc.		X	0	+		X	0	=	\$0.00	\$0.00
Tunnelton Community Ambulance Service		X	0	+		X	0	=	\$0.00	\$0.00
Aurora Elementary School	\$2,507.00	X	0	+	\$2,507.00	X	0	=	\$0.00	\$0.00
Bruceton School	\$6,493.00	X	0	+	\$6,493.00	X	0	=	\$0.00	\$0.00
Central Preston Middle School	\$4,562.00	X	0	+	\$4,562.00	X	0	=	\$0.00	\$0.00
Fellowsville Elementary School	\$2,603.00	X	0	+	\$2,603.00	X	0	=	\$0.00	\$0.00
Kingwood Elementary School	\$9,356.16	X	0	+	\$9,356.16	X	0	=	\$0.00	\$0.00
Preston High School	\$23,000.00	X	0	+	\$23,000.00	X	0	=	\$0.00	\$0.00
Rowlesburg School	\$2,849.32	X	0	+	\$2,849.32	X	0	=	\$0.00	\$0.00
South Preston Middle School	\$2,972.60	X	0	+	\$2,972.60	X	0	=	\$0.00	\$0.00

Name/Description of Structure	Average Daily Operating Budget (Step 3) (\$)	X	Functional Downtime (Step 4) (# of days)	+	Displacement Cost per Day (Step 3) (\$)	X	Displacement Time (Step 4) (\$)	=	Structure Use & Function Loss (\$)	Structure Loss + Content Loss + Function Loss (\$)
Terra Alta / East Preston School	\$7,534.25	X	0	+	\$7,534.25	X	0	=	\$0.00	\$0.00
Tunnelton - Denver Elementary School	\$3,260.27	X	0	+	\$3,260.27	X	0	=	\$0.00	\$0.00
Valley Elementary School	\$6,561.64	X	0	+	\$6,561.64	X	0	=	\$0.00	\$0.00
West Preston Middle School	\$2,986.30	X	0	+	\$2,986.30	X	0	=	\$0.00	\$0.00
Integrity Christian School		X	0	+		X	0	=	\$0.00	\$0.00
West Virginia Paving, Inc.		X	0	+		X	0	=	\$0.00	\$0.00
Grimm Lumber, Inc.		X	0	+		X	0	=	\$0.00	\$0.00
Coaltrain Corporation		X	0	+		X	0	=	\$0.00	\$0.00
Mary Ruth Corporation	\$685.00	X	0	+	\$685.00	X	0	=	\$0.00	\$0.00
Pretzell Excavating Co.,	\$1,370.00	X	0	+	\$1,370.00	X	0	=	\$0.00	\$0.00
Sharon Coal Company		X	0	+		X	0	=	\$0.00	\$0.00
Fibair - Division of Hollinee		X	0	+		X	0	=	\$0.00	\$0.00
Pioneer Press of West Virginia	\$2,055.00	X	0	+	\$2,055.00	X	0	=	\$0.00	\$0.00
Coastal Coal - Sub Coastal Corporation		X	0	+		X	0	=	\$0.00	\$0.00
Masontown Block Corporation	\$1,370.00	X	0	+	\$1,370.00	X	0	=	\$0.00	\$0.00
Preston Publications, Inc.	\$1,918.00	X	0	+	\$1,918.00	X	0	=	\$0.00	\$0.00
Arrowhead Machine Works	\$548.00	X	0	+	\$548.00	X	0	=	\$0.00	\$0.00
Coastal Lumber Company - Eglon	\$2,131.00	X	0	+	\$2,131.00	X	0	=	\$0.00	\$0.00
Jennmar Corporation	\$274.00	X	0	+	\$274.00	X	0	=	\$0.00	\$0.00
Preston Machine Enterprises	\$2,740.00	X	0	+	\$2,740.00	X	0	=	\$0.00	\$0.00
Hazelton Milling Company	\$220.00	X	0	+	\$220.00	X	0	=	\$0.00	\$0.00
Custom Inflatables, Inc.	\$342.00	X	0	+	\$342.00	X	0	=	\$0.00	\$0.00
Interstate Hardwoods		X	0	+		X	0	=	\$0.00	\$0.00
Coastal Lumber Company - Bruceton Mills	\$4,262.00	X	0	+	\$4,262.00	X	0	=	\$0.00	\$0.00
Cheat River Wood Products, Inc.		X	0	+		X	0	=	\$0.00	\$0.00
C & T Lumber	\$822.00	X	0	+	\$822.00	X	0	=	\$0.00	\$0.00
4D Logging	\$1,370.00	X	0	+	\$1,370.00	X	0	=	\$0.00	\$0.00
D & C, L.L.C.	\$274.00	X	0	+	\$274.00	X	0	=	\$0.00	\$0.00

Name/Description of Structure	Average Daily Operating Budget (Step 3) (\$)	X	Functional Downtime (Step 4) (# of days)	+	Displacement Cost per Day (Step 3) (\$)	X	Displacement Time (Step 4) (\$)	=	Structure Use & Function Loss (\$)	Structure Loss + Content Loss + Function Loss (\$)
Allegheny Wood Products, Inc. Kingwood		X	0	+		X	0	=	\$0.00	\$0.00
Allegheny Wood Products, Inc. Hazelton		X	0	+		X	0	=	\$0.00	\$0.00
Birds Creek Repair	\$83.00	X	0	+	\$83.00	X	0	=	\$0.00	\$0.00
DK Equipment Company		X	0	+		X	0	=	\$0.00	\$0.00
Cranesville Stone, Inc.	\$4,110.00	X	0	+	\$4,110.00	X	0	=	\$0.00	\$0.00
Headline Books	\$125.00	X	0	+	\$125.00	X	0	=	\$0.00	\$0.00
GEC, Inc.		X	0	+		X	0	=	\$0.00	\$0.00
Owens Industrial Commercial	\$1,096.00	X	0	+	\$1,096.00	X	0	=	\$0.00	\$0.00
Affordable Signs Unlimited		X	0	+		X	0	=	\$0.00	\$0.00
AI Corporation	\$1,000.00	X	0	+	\$1,000.00	X	0	=	\$0.00	\$0.00
Triple D Logging	\$685.00	X	0	+	\$685.00	X	0	=	\$0.00	\$0.00
Ad America		X	0	+		X	0	=	\$0.00	\$0.00
Matthews Bronze Corporation	\$109,589.00	X	0	+	\$109,589.00	X	0	=	\$0.00	\$0.00
ALJEZ Inc.		X	0	+		X	0	=	\$0.00	\$0.00
Taz Hardwoods	\$13,972.00	X	0	+	\$13,972.00	X	0	=	\$0.00	\$0.00
Shatters Printing		X	0	+		X	0	=	\$0.00	\$0.00
Phillips Precast Concrete Inc.	\$1,096.00	X	0	+	\$1,096.00	X	0	=	\$0.00	\$0.00
Press - Ex Printing	\$137.00	X	0	+	\$137.00	X	0	=	\$0.00	\$0.00
Hayes, Harry B. Lumber Company	\$500.00	X	0	+	\$500.00	X	0	=	\$0.00	\$0.00
Martin Marietta Aggregates		X	0	+		X	0	=	\$0.00	\$0.00
Virginia Furnace		X	0	+		X	0	=	\$0.00	\$0.00
Arthurdale Historic District		X	0	+		X	0	=	\$0.00	\$0.00
"Gaymont" (Brookside Inn)	\$137.00	X	0	+	\$137.00	X	0	=	\$0.00	\$0.00
Red Horse Tavern		X	0	+		X	0	=	\$0.00	\$0.00
Hagans Homestead		X	0	+		X	0	=	\$0.00	\$0.00
Elkins Coal and Coke Company Historic District		X	0	+		X	0	=	\$0.00	\$0.00
Reckart Mill		X	0	+		X	0	=	\$0.00	\$0.00
Kingwood Historic District		X	0	+		X	0	=	\$0.00	\$0.00
James Clark McGrew House		X	0	+		X	0	=	\$0.00	\$0.00

Name/Description of Structure	Average Daily Operating Budget (Step 3) (\$)	X	Functional Downtime (Step 4) (# of days)	+	Displacement Cost per Day (Step 3) (\$)	X	Displacement Time (Step 4) (\$)	=	Structure Use & Function Loss (\$)	Structure Loss + Content Loss + Function Loss (\$)
Ralph Snyder Decagonal Barn		X	0	+		X	0	=	\$0.00	\$0.00
Fairfax Stone Site		X	0	+		X	0	=	\$0.00	\$0.00
Colonel Thomas Brown House		X	0	+		X	0	=	\$0.00	\$0.00
James S. Lakin House		X	0	+		X	0	=	\$0.00	\$0.00
Terra Alta Bank		X	0	+		X	0	=	\$0.00	\$0.00
Tunnelton Railroad Depot		X	0	+		X	0	=	\$0.00	\$0.00
McKee Sky Ranch Airport (private)		X	0	+		X	0	=	\$0.00	\$0.00
Titus Field Airport (private)		X	0	+		X	0	=	\$0.00	\$0.00
Moore Field		X	0	+		X	0	=	\$0.00	\$0.00
Camp Dawson	\$1,507.00	X	0	+	\$1,507.00	X	0	=	\$0.00	\$0.00
Valley Point		X	0	+		X	0	=	\$0.00	\$0.00
Railroad		X	0	+		X	0	=	\$0.00	\$0.00
Roadways		X	0	+		X	0	=	\$0.00	\$0.00
Hamed Memorial Medical Clinic	\$1,800.00	X	0	+	\$1,800.00	X	0	=	\$0.00	\$0.00
Davis Clinic		X	0	+		X	0	=	\$0.00	\$0.00
Harriman Memorial Clinic		X	0	+		X	0	=	\$0.00	\$0.00
Preston Memorial Hospital		X	0	+		X	0	=	\$0.00	\$0.00
Cheat River Bridge No. 92		X	0	+		X	0	=	\$0.00	\$0.00
WV Route 7 Bridge		X	0	+		X	0	=	\$0.00	\$0.00
Co. Rt. 73/5 and Laurel Run Bridge		X	0	+		X	0	=	\$0.00	\$0.00
Interstate 68 Bridge		X	0	+		X	0	=	\$0.00	\$0.00
Co. Rt. 73/5 and Laurel Run Bridge		X	0	+		X	0	=	\$0.00	\$0.00
Interstate 68 Bridge		X	0	+		X	0	=	\$0.00	\$0.00
Cheat River Bridge		X	0	+		X	0	=	\$0.00	\$0.00
Cheat River Bridge		X	0	+		X	0	=	\$0.00	\$0.00
Saltlick Creek Bridge		X	0	+		X	0	=	\$0.00	\$0.00
Preston County Courthouse	\$11,829.00	X	0	+	\$11,829.00	X	0	=	\$0.00	\$0.00
U.S. Postal Office - Kingwood		X	0	+		X	0	=	\$0.00	\$0.00

Name/Description of Structure	Average Daily Operating Budget (Step 3) (\$)	X	Functional Downtime (Step 4) (# of days)	+	Displacement Cost per Day (Step 3) (\$)	X	Displacement Time (Step 4) (\$)	=	Structure Use & Function Loss (\$)	Structure Loss + Content Loss + Function Loss (\$)
U.S. Postal Office - Arthurdale	\$47.00	X	0	+	\$47.00	X	0	=	\$0.00	\$0.00
U.S. Postal Office - Reedsville	\$320.00	X	0	+	\$320.00	X	0	=	\$0.00	\$0.00
U.S. Postal Office - Bretz	\$52.00	X	0	+	\$52.00	X	0	=	\$0.00	\$0.00
U.S. Postal Office - Terra Alta		X	0	+		X	0	=	\$0.00	\$0.00
U.S. Postal Office - Tunnelton	\$1,054.00	X	0	+	\$1,054.00	X	0	=	\$0.00	\$0.00
U.S. Postal Office-Newburg	\$55.00	X	0	+	\$55.00	X	0	=	\$0.00	\$0.00
U.S. Postal Office - Masontown	\$49.00	X	0	+	\$49.00	X	0	=	\$0.00	\$0.00
U.S. Postal Office - Bruceton Mills	\$1,273.00	X	0	+	\$1,273.00	X	0	=	\$0.00	\$0.00
U.S. Postal Office-Rowlesburg	\$52.00	X	0	+	\$52.00	X	0	=	\$0.00	\$0.00
U.S. Postal Office - Aurora	\$49.00	X	0	+	\$49.00	X	0	=	\$0.00	\$0.00
U.S. Postal Office - Eglon	\$186.00	X	0	+	\$186.00	X	0	=	\$0.00	\$0.00
Town Hall - Albright	\$116.00	X	0	+	\$116.00	X	0	=	\$0.00	\$0.00
Town Hall - Brandonsville		X	0	+		X	0	=	\$0.00	\$0.00
Town Hall - Bruceton Mills		X	0	+		X	0	=	\$0.00	\$0.00
City Hall - Kingwood	\$3,328.00	X	0	+	\$3,328.00	X	0	=	\$0.00	\$0.00
Town Hall - Masontown	\$342.47	X	0	+	\$342.47	X	0	=	\$0.00	\$0.00
Town Hall - Newburg		X	0	+		X	0	=	\$0.00	\$0.00
Town Hall - Rowlesburg	\$313.22	X	0	+	\$313.22	X	0	=	\$0.00	\$0.00
Town Hall-Tara Alta	\$479.45	X	0	+	\$479.45	X	0	=	\$0.00	\$0.00
State Police - Kingwood	\$767.00	X	0	+	\$767.00	X	0	=	\$0.00	\$0.00
Water Plant - Albright		X	0	+		X	0	=	\$0.00	\$0.00
Preston Co. PSD # 1		X	0	+		X	0	=	\$0.00	\$0.00
Arthurdale Water Association		X	0	+		X	0	=	\$0.00	\$0.00
Water Plant - Brandonville		X	0	+		X	0	=	\$0.00	\$0.00
Water Plant - Kingwood	\$605.00	X	0	+	\$605.00	X	0	=	\$0.00	\$0.00
Water Plant - Masontown	\$342.00	X	0	+	\$342.00	X	0	=	\$0.00	\$0.00
Water Plant - Rowlesburg	\$104.00	X	0	+	\$104.00	X	0	=	\$0.00	\$0.00
Water Plant - Terra Alta	\$616.00	X	0	+	\$616.00	X	0	=	\$0.00	\$0.00

Name/Description of Structure	Average Daily Operating Budget (Step 3) (\$)	X	Functional Downtime (Step 4) (# of days)	+	Displacement Cost per Day (Step 3) (\$)	X	Displacement Time (Step 4) (\$)	=	Structure Use & Function Loss (\$)	Structure Loss + Content Loss + Function Loss (\$)
Sewer Plant - Albright	\$107.00	X	0	+	\$107.00	X	0	=	\$0.00	\$0.00
Sewer Plant - Brandonville		X	0	+		X	0	=	\$0.00	\$0.00
Sewer Plant - Kingwood	\$1,369.00	X	0	+	\$1,369.00	X	0	=	\$0.00	\$0.00
Sewer Plant - Masontown	\$328.00	X	0	+	\$328.00	X	0	=	\$0.00	\$0.00
Sewer Plant - Newburg		X	0	+		X	0	=	\$0.00	\$0.00
Sewer Plant - Rowlesburg	\$55.00	X	0	+	\$55.00	X	0	=	\$0.00	\$0.00
Sewer Plant - Terra Alta		X	0	+		X	0	=	\$0.00	\$0.00
Hopemont Hospital	\$19,178.08	X	0	+	\$19,178.08	X	0	=	\$0.00	\$0.00
Valley Fuels	\$5,479.00	X	0	+	\$5,479.00	X	0	=	\$0.00	\$0.00
Peak Communications	\$164.00	X	0	+	\$164.00	X	0	=	\$0.00	\$0.00
Metal Creations	\$81.00	X	0	+	\$81.00	X	0	=	\$0.00	\$0.00
Greer Limestone Company	\$80,000.00	X	0	+	\$80,000.00	X	0	=	\$0.00	\$0.00
BB&T Masontown		X	0	+		X	0	=	\$0.00	\$0.00
BB&T Kingwood		X	0	+		X	0	=	\$0.00	\$0.00
BB&T Brucetonmills		X	0	+		X	0	=	\$0.00	\$0.00
Austin Powder Company		X	0	+		X	0	=	\$0.00	\$0.00
Kingwood Pharmacy		X	0	+		X	0	=	\$0.00	\$0.00
AT&T Earth Station		X	0	+		X	0	=	\$0.00	\$0.00
Windy Mill Manor		X	0	+		X	0	=	\$0.00	\$0.00
Albright Power Plant		X	0	+		X	0	=	\$0.00	\$0.00
									\$0.00	\$0.00

**Hazard: Drought**

<b>Structure Loss (Task A.1.)</b>					
Name/Description of Structure	Structure Replacement Value (Step 3) (\$)	X	Percent Damage (Step 4) (%)	=	Loss to Structure (\$)
Kingwood Public Library	\$517,500.00	X	0.00	=	\$0.00
Terra Alta Public Library	\$400,000.00	X	0.00	=	\$0.00
Albright VFD	248500	X	0.00	=	\$0.00
Aurora VFD	\$400,000.00	X	0.00	=	\$0.00
Bruceton-Brandon VFD	\$480,000.00	X	0.00	=	\$0.00
Fellowsville VFD	\$350,000.00	X	0.00	=	\$0.00
Kingwood VFD	\$450,000.00	X	0.00	=	\$0.00
Masontown VFD	\$450,000.00	X	0.00	=	\$0.00
Mount Grove VFD		X	0.00	=	\$0.00
Newburg VFD		X	0.00	=	\$0.00
Reedsville VFD	\$350,000.00	X	0.00	=	\$0.00
Rowlesburg VFD		X	0.00	=	\$0.00
Terra Alta VFD	\$160,000.00	X	0.00	=	\$0.00
Tunnelton VFD		X	0.00	=	\$0.00
Mountaineer Ambulance Service Inc.		X	0.00	=	\$0.00
Terra Alta Ambulance Squad Inc.		X	0.00	=	\$0.00
Tunnelton Community Ambulance Service		X	0.00	=	\$0.00
Aurora Elementary School	\$3,585,900.00	X	0.00	=	\$0.00
Bruceton School	\$3,472,200.00	X	0.00	=	\$0.00
Central Preston Middle School	\$260,400.00	X	0.00	=	\$0.00
Fellowsville Elementary School	\$126,000.00	X	0.00	=	\$0.00
Kingwood Elementary School	\$115,200.00	X	0.00	=	\$0.00
Preston High School	\$2,110,050.00	X	0.00	=	\$0.00
Rowlesburg School	\$6,384,000.00	X	0.00	=	\$0.00
South Preston Middle School	\$114,300.00	X	0.00	=	\$0.00
Terra Alta / East Preston School	\$822,600.00	X	0.00	=	\$0.00

<b>Contents Loss (Task A.2.)</b>				
Replacement Value of Contents (Step 3) (\$)	X	Percent Damage (step 4) (%)	=	Loss to Contents (\$)
\$300,000.00	X	0.00	=	\$0.00
\$100,000.00	X	0.00	=	\$0.00
\$952,000.00	X	0.00	=	\$0.00
\$150,000.00	X	0.00	=	\$0.00
\$639,000.00	X	0.00	=	\$0.00
\$400,000.00	X	0.00	=	\$0.00
\$1,000,000.00	X	0.00	=	\$0.00
\$750,000.00	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
\$650,000.00	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
\$750,000.00	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
\$1,195,300.00	X	0.00	=	\$0.00
\$1,157,400.00	X	0.00	=	\$0.00
\$86,800.00	X	0.00	=	\$0.00
\$42,000.00	X	0.00	=	\$0.00
\$38,400.00	X	0.00	=	\$0.00
\$703,350.00	X	0.00	=	\$0.00
\$2,128,000.00	X	0.00	=	\$0.00
\$38,100.00	X	0.00	=	\$0.00
\$274,250.00	X	0.00	=	\$0.00

Name/Description of Structure	Structure Replacement Value (Step 3) (\$)	X	Percent Damage (Step 4) (%)	=	Loss to Structure (\$)
Tunnelton - Denver Elementary School	\$1,529,100.00	X	0.00	=	\$0.00
Valley Elementary School	\$3,160,200.00	X	0.00	=	\$0.00
West Preston Middle School	\$882,000.00	X	0.00	=	\$0.00
Integrity Christian School		X	0.00	=	\$0.00
West Virginia Paving, Inc.		X	0.00	=	\$0.00
Grimm Lumber, Inc.		X	0.00	=	\$0.00
Coaltrain Corporation		X	0.00	=	\$0.00
Mary Ruth Corporation	\$300,000.00	X	0.00	=	\$0.00
Pretzell Excavating Co.,	\$200,000.00	X	0.00	=	\$0.00
Sharon Coal Company		X	0.00	=	\$0.00
Fibair - Division of Hollinee		X	0.00	=	\$0.00
Pioneer Press of West Virginia	\$420,000.00	X	0.00	=	\$0.00
Coastal Coal - Sub Coastal Corporation	\$850,000.00	X	0.00	=	\$0.00
Masontown Block Corporation	\$250,000.00	X	0.00	=	\$0.00
Preston Publications, Inc.	\$100,000.00	X	0.00	=	\$0.00
Arrowhead Machine Works	\$883,200.00	X	0.00	=	\$0.00
Coastal Lumber Company - Eglon	\$800,000.00	X	0.00	=	\$0.00
Jennmar Corporation	\$3,937,600.00	X	0.00	=	\$0.00
Preston Machine Enterprises	\$500,000.00	X	0.00	=	\$0.00
Hazelton Milling Company	\$1,035,000.00	X	0.00	=	\$0.00
Custom Inflatables, Inc.	\$345,000.00	X	0.00	=	\$0.00
Interstate Hardwoods		X	0.00	=	\$0.00
Coastal Lumber Company - Bruceeton Mills	\$1,000,000.00	X	0.00	=	\$0.00
Cheat River Wood Products, Inc.		X	0.00	=	\$0.00
C & T Lumber	\$10,000.00	X	0.00	=	\$0.00
4D Logging	\$150,000.00	X	0.00	=	\$0.00
D & C, L.L.C.	\$550,000.00	X	0.00	=	\$0.00
Allegheny Wood Products, Inc. - Kingwood		X	0.00	=	\$0.00

Replacement Value of Contents (Step 3) (\$)	X	Percent Damage (step 4) (%)	=	Loss to Contents (\$)
\$509,700.00	X	0.00	=	\$0.00
\$1,053,400.00	X	0.00	=	\$0.00
\$294,000.00	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
\$150,000.00	X	0.00	=	\$0.00
\$100,000.00	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
\$900,000.00	X	0.00	=	\$0.00
\$1,000,000.00	X	0.00	=	\$0.00
\$750,000.00	X	0.00	=	\$0.00
\$360,000.00	X	0.00	=	\$0.00
\$1,000,000.00	X	0.00	=	\$0.00
\$750,000.00	X	0.00	=	\$0.00
\$3,937,600.00	X	0.00	=	\$0.00
\$1,000,000.00	X	0.00	=	\$0.00
\$1,035,000.00	X	0.00	=	\$0.00
\$125,000.00	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
\$2,000,000.00	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
\$75,000.00	X	0.00	=	\$0.00
\$200,000.00	X	0.00	=	\$0.00
\$70,000.00	X	0.00	=	\$0.00
	X	0.00	=	\$0.00



Name/Description of Structure	Structure Replacement Value (Step 3) (\$)	X	Percent Damage (Step 4) (%)	=	Loss to Structure (\$)
Colonel Thomas Brown House		X	0.00	=	\$0.00
James S. Lakin House		X	0.00	=	\$0.00
Terra Alta Bank	\$500,000.00	X	0.00	=	\$0.00
Tunnelton Railroad Depot		X	0.00	=	\$0.00
McKee Sky Ranch Airport (private)		X	0.00	=	\$0.00
Titus Field Airport (private)	\$211,200.00	X	0.00	=	\$0.00
Moore Field	\$184,800.00	X	0.00	=	\$0.00
Camp Dawson	\$67,427,784.00	X	0.00	=	\$0.00
Valley Point	\$313,600.00	X	0.00	=	\$0.00
Railroad	\$19,794,400.00	X	0.00	=	\$0.00
Roadways	\$4,149,130,000.00	X	0.00	=	\$0.00
Hamed Memorial Medical Clinic	\$716,800.00	X	0.00	=	\$0.00
Davis Clinic		X	0.00	=	\$0.00
Harriman Memorial Clinic		X	0.00	=	\$0.00
Preston Memorial Hospital	\$6,720,000.00	X	0.00	=	\$0.00
Cheat River Bridge No. 92	\$1,024,000.00	X	0.00	=	\$0.00
WV Route 7 Bridge	\$1,849,600.00	X	0.00	=	\$0.00
Co. Rt. 73/5 and Laurel Run Bridge	\$825,600.00	X	0.00	=	\$0.00
Interstate 68 Bridge	\$825,600.00	X	0.00	=	\$0.00
Co. Rt. 73/5 and Laurel Run Bridge	\$793,600.00	X	0.00	=	\$0.00
Interstate 68 Bridge	\$793,600.00	X	0.00	=	\$0.00
Cheat River Bridge	\$1,008,000.00	X	0.00	=	\$0.00
Cheat River Bridge	\$979,200.00	X	0.00	=	\$0.00
Saltlick Creek Bridge	\$1,043,200.00	X	0.00	=	\$0.00
Preston County Courthouse	\$2,329,565.00	X	0.00	=	\$0.00
U.S. Postal Office - Kingwood		X	0.00	=	\$0.00
U.S. Postal Office - Arthurdale	\$168,960.00	X	0.00	=	\$0.00
U.S. Postal Office - Reedsville	\$271,920.00	X	0.00	=	\$0.00
U.S. Postal Office - Bretz	\$123,200.00	X	0.00	=	\$0.00

Replacement Value of Contents (Step 3) (\$)	X	Percent Damage (step 4) (%)	=	Loss to Contents (\$)
	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
\$50,000.00	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
\$211,200.00	X	0.00	=	\$0.00
\$184,800.00	X	0.00	=	\$0.00
\$722,000.00	X	0.00	=	\$0.00
\$400,000.00	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
\$850,000.00	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
\$7,000,000.00	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
\$731,442.00	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
\$168,960.00	X	0.00	=	\$0.00
\$20,000.00	X	0.00	=	\$0.00
\$123,200.00	X	0.00	=	\$0.00

Name/Description of Structure	Structure Replacement Value (Step 3) (\$)	X	Percent Damage (Step 4) (%)	=	Loss to Structure (\$)
U.S. Postal Office - Terra Alta	\$30,000.00	X	0.00	=	\$0.00
U.S. Postal Office - Tunnelton	132000	X	0.00	=	\$0.00
U.S. Postal Office-Newburg	\$220,000.00	X	0.00	=	\$0.00
U.S. Postal Office - Masontown	\$211,200.00	X	0.00	=	\$0.00
U.S. Postal Office - Bruceton Mills	\$193,600.00	X	0.00	=	\$0.00
U.S. Postal Office- Rowlesburg	\$176,000.00	X	0.00	=	\$0.00
U.S. Postal Office - Aurora	\$140,800.00	X	0.00	=	\$0.00
U.S. Postal Office - Eglon	\$105,600.00	X	0.00	=	\$0.00
Town Hall - Albright	\$55,000.00	X	0.00	=	\$0.00
Town Hall - Brandonsville		X	0.00	=	\$0.00
Town Hall - Bruceton Mills		X	0.00	=	\$0.00
City Hall - Kingwood	\$500,000.00	X	0.00	=	\$0.00
Town Hall - Masontown	\$35,000.00	X	0.00	=	\$0.00
Town Hall - Newburg		X	0.00	=	\$0.00
Town Hall - Rowlesburg	\$25,755.00	X	0.00	=	\$0.00
Town Hall-Tara Alta	\$400,000.00	X	0.00	=	\$0.00
State Police - Kingwood	\$100,000.00	X	0.00	=	\$0.00
Water Plant - Albright		X	0.00	=	\$0.00
Preston Co. PSD # 1		X	0.00	=	\$0.00
Arthurdale Water Association		X	0.00	=	\$0.00
Water Plant - Brandonville		X	0.00	=	\$0.00
Water Plant - Kingwood	\$1,200,000.00	X	0.00	=	\$0.00
Water Plant - Masontown	\$150,000.00	X	0.00	=	\$0.00
Water Plant - Rowlesburg	\$82,417.00	X	0.00	=	\$0.00
Water Plant - Terra Alta	\$834,000.00	X	0.00	=	\$0.00
Sewer Plant - Albright	\$125,000.00	X	0.00	=	\$0.00
Sewer Plant - Brandonville		X	0.00	=	\$0.00
Sewer Plant - Kingwood	\$1,150,000.00	X	0.00	=	\$0.00
Sewer Plant - Masontown	\$1,052,500.00	X	0.00	=	\$0.00
Sewer Plant - Newburg		X	0.00	=	\$0.00

Replacement Value of Contents (Step 3) (\$)	X	Percent Damage (step 4) (%)	=	Loss to Contents (\$)
\$30,000.00	X	0.00	=	\$0.00
\$30,000.00	X	0.00	=	\$0.00
\$220,000.00	X	0.00	=	\$0.00
\$15,000.00	X	0.00	=	\$0.00
\$193,600.00	X	0.00	=	\$0.00
\$176,000.00	X	0.00	=	\$0.00
\$10,000.00	X	0.00	=	\$0.00
\$8,000.00	X	0.00	=	\$0.00
\$15,000.00	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
\$1,200,000.00	X	0.00	=	\$0.00
\$10,000.00	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
\$2,000.00	X	0.00	=	\$0.00
\$20,000.00	X	0.00	=	\$0.00
\$100,000.00	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
\$1,500,000.00	X	0.00	=	\$0.00
\$50,000.00	X	0.00	=	\$0.00
\$82,417.00	X	0.00	=	\$0.00
\$100,000.00	X	0.00	=	\$0.00
\$5,000.00	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
\$2,400,000.00	X	0.00	=	\$0.00
\$1,000,000.00	X	0.00	=	\$0.00
	X	0.00	=	\$0.00

Name/Description of Structure	Structure Replacement Value (Step 3) (\$)	X	Percent Damage (Step 4) (%)	=	Loss to Structure (\$)
Sewer Plant - Rowlesburg	\$10,000.00	X	0.00	=	\$0.00
Sewer Plant - Terra Alta		X	0.00	=	\$0.00
Hopemont Hospital	\$25,000,000.00	X	0.00	=	\$0.00
Valley Fuels	\$1,500.00	X	0.00	=	\$0.00
Peak Communications	\$70,000.00	X	0.00	=	\$0.00
Metal Creations	\$75,000.00	X	0.00	=	\$0.00
Greer Limestone Company	\$20,000,000.00	X	0.00	=	\$0.00
BB&T Masontown	200000	X	0.00	=	\$0.00
BB&T Kingwood	\$500,000.00	X	0.00	=	\$0.00
BB&T Brucetonmills	200000	X	0.00	=	\$0.00
Austin Powder Company	\$125,000.00	X	0.00	=	\$0.00
Kingwood Pharmacy	340000	X	0.00	=	\$0.00
AT&T Earth Station	\$5,733,300.00	X	0.00	=	\$0.00
Windy Mill Manor		X	0.00	=	\$0.00
Albright Power Plant		X	0.00	=	\$0.00
					\$0.00

Replacement Value of Contents (Step 3) (\$)	X	Percent Damage (step 4) (%)	=	Loss to Contents (\$)
\$20,000.00	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
\$300,000.00	X	0.00	=	\$0.00
\$30,000.00	X	0.00	=	\$0.00
\$50,000.00	X	0.00	=	\$0.00
\$50,000.00	X	0.00	=	\$0.00
\$8,000,000.00	X	0.00	=	\$0.00
\$200,000.00	X	0.00	=	\$0.00
\$500,000.00	X	0.00	=	\$0.00
\$200,000.00	X	0.00	=	\$0.00
\$165,000.00	X	0.00	=	\$0.00
\$300,000.00	X	0.00	=	\$0.00
\$4,299,975.00	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
				\$0.00

Structure Use and Function Loss (Task A.3.)										
Name/Description of Structure	Average Daily Operating Budget (Step 3) (\$)	X	Functional Downtime (Step 4) (# of days)	+	Displacement Cost per Day (Step 3) (\$)	X	Displacement Time (Step 4) (\$)	=	Structure Use & Function Loss (\$)	Structure Loss + Content Loss + Function Loss (\$)
Kingwood Public Library	\$410.00	X	0	+	\$410.00	X	0	=	\$0.00	\$0.00
Terra Alta Public Library	\$142.47	X	0	+	\$142.47	X	0	=	\$0.00	\$0.00
Albright VFD	\$150.00	X	0	+	\$150.00	X	0	=	\$0.00	\$0.00
Aurora VFD		X	0	+		X	0	=	\$0.00	\$0.00
Bruceton-Brandon VFD	\$330.00	X	0	+	\$330.00	X	0	=	\$0.00	\$0.00
Fellowsville VFD	\$274.00	X	0	+	\$274.00	X	0	=	\$0.00	\$0.00
Kingwood VFD	\$110.00	X	0	+	\$110.00	X	0	=	\$0.00	\$0.00
Masontown VFD	\$1,200.00	X	0	+	\$1,200.00	X	0	=	\$0.00	\$0.00
Mount Grove VFD		X	0	+		X	0	=	\$0.00	\$0.00
Newburg VFD		X	0	+		X	0	=	\$0.00	\$0.00
Reedsville VFD	\$275.00	X	0	+	\$275.00	X	0	=	\$0.00	\$0.00
Rowlesburg VFD		X	0	+		X	0	=	\$0.00	\$0.00
Terra Alta VFD	\$137.00	X	0	+	\$137.00	X	0	=	\$0.00	\$0.00
Tunnelton VFD		X	0	+		X	0	=	\$0.00	\$0.00
Mountaineer Ambulance Service Inc.		X	0	+		X	0	=	\$0.00	\$0.00
Terra Alta Ambulance Squad Inc.		X	0	+		X	0	=	\$0.00	\$0.00
Tunnelton Community Ambulance Service		X	0	+		X	0	=	\$0.00	\$0.00
Aurora Elementary School	\$2,507.00	X	0	+	\$2,507.00	X	0	=	\$0.00	\$0.00
Bruceton School	\$6,493.00	X	0	+	\$6,493.00	X	0	=	\$0.00	\$0.00
Central Preston Middle School	\$4,562.00	X	0	+	\$4,562.00	X	0	=	\$0.00	\$0.00
Fellowsville Elementary School	\$2,603.00	X	0	+	\$2,603.00	X	0	=	\$0.00	\$0.00
Kingwood Elementary School	\$9,356.16	X	0	+	\$9,356.16	X	0	=	\$0.00	\$0.00
Preston High School	\$23,000.00	X	0	+	\$23,000.00	X	0	=	\$0.00	\$0.00
Rowlesburg School	\$2,849.32	X	0	+	\$2,849.32	X	0	=	\$0.00	\$0.00
South Preston Middle School	\$2,972.60	X	0	+	\$2,972.60	X	0	=	\$0.00	\$0.00

Name/Description of Structure	Average Daily Operating Budget (Step 3) (\$)	X	Functional Downtime (Step 4) (# of days)	+	Displacement Cost per Day (Step 3) (\$)	X	Displacement Time (Step 4) (\$)	=	Structure Use & Function Loss (\$)	Structure Loss + Content Loss + Function Loss (\$)
Terra Alta / East Preston School	\$7,534.25	X	0	+	\$7,534.25	X	0	=	\$0.00	\$0.00
Tunnelton - Denver Elementary School	\$3,260.27	X	0	+	\$3,260.27	X	0	=	\$0.00	\$0.00
Valley Elementary School	\$6,561.64	X	0	+	\$6,561.64	X	0	=	\$0.00	\$0.00
West Preston Middle School	\$2,986.30	X	0	+	\$2,986.30	X	0	=	\$0.00	\$0.00
Integrity Christian School		X	0	+		X	0	=	\$0.00	\$0.00
West Virginia Paving, Inc.		X	0	+		X	0	=	\$0.00	\$0.00
Grimm Lumber, Inc.		X	0	+		X	0	=	\$0.00	\$0.00
Coaltrain Corporation		X	0	+		X	0	=	\$0.00	\$0.00
Mary Ruth Corporation	\$685.00	X	0	+	\$685.00	X	0	=	\$0.00	\$0.00
Pretzell Excavating Co.,	\$1,370.00	X	0	+	\$1,370.00	X	0	=	\$0.00	\$0.00
Sharon Coal Company		X	0	+		X	0	=	\$0.00	\$0.00
Fibair - Division of Hollinee		X	0	+		X	0	=	\$0.00	\$0.00
Pioneer Press of West Virginia	\$2,055.00	X	0	+	\$2,055.00	X	0	=	\$0.00	\$0.00
Coastal Coal - Sub Coastal Corporation		X	0	+		X	0	=	\$0.00	\$0.00
Masontown Block Corporation	\$1,370.00	X	0	+	\$1,370.00	X	0	=	\$0.00	\$0.00
Preston Publications, Inc.	\$1,918.00	X	0	+	\$1,918.00	X	0	=	\$0.00	\$0.00
Arrowhead Machine Works	\$548.00	X	0	+	\$548.00	X	0	=	\$0.00	\$0.00
Coastal Lumber Company - Eglon	\$2,131.00	X	0	+	\$2,131.00	X	0	=	\$0.00	\$0.00
Jennmar Corporation	\$274.00	X	0	+	\$274.00	X	0	=	\$0.00	\$0.00
Preston Machine Enterprises	\$2,740.00	X	0	+	\$2,740.00	X	0	=	\$0.00	\$0.00
Hazelton Milling Company	\$220.00	X	0	+	\$220.00	X	0	=	\$0.00	\$0.00
Custom Inflatables, Inc.	\$342.00	X	0	+	\$342.00	X	0	=	\$0.00	\$0.00
Interstate Hardwoods		X	0	+		X	0	=	\$0.00	\$0.00
Coastal Lumber Company - Bruceton Mills	\$4,262.00	X	0	+	\$4,262.00	X	0	=	\$0.00	\$0.00
Cheat River Wood Products, Inc.		X	0	+		X	0	=	\$0.00	\$0.00
C & T Lumber	\$822.00	X	0	+	\$822.00	X	0	=	\$0.00	\$0.00
4D Logging	\$1,370.00	X	0	+	\$1,370.00	X	0	=	\$0.00	\$0.00
D & C, L.L.C.	\$274.00	X	0	+	\$274.00	X	0	=	\$0.00	\$0.00

Name/Description of Structure	Average Daily Operating Budget (Step 3) (\$)	X	Functional Downtime (Step 4) (# of days)	+	Displacement Cost per Day (Step 3) (\$)	X	Displacement Time (Step 4) (\$)	=	Structure Use & Function Loss (\$)	Structure Loss + Content Loss + Function Loss (\$)
Allegheny Wood Products, Inc. Kingwood		X	0	+		X	0	=	\$0.00	\$0.00
Allegheny Wood Products, Inc. Hazelton		X	0	+		X	0	=	\$0.00	\$0.00
Birds Creek Repair	\$83.00	X	0	+	\$83.00	X	0	=	\$0.00	\$0.00
DK Equipment Company		X	0	+		X	0	=	\$0.00	\$0.00
Cranesville Stone, Inc.	\$4,110.00	X	0	+	\$4,110.00	X	0	=	\$0.00	\$0.00
Headline Books	\$125.00	X	0	+	\$125.00	X	0	=	\$0.00	\$0.00
GEC, Inc.		X	0	+		X	0	=	\$0.00	\$0.00
Owens Industrial Commercial	\$1,096.00	X	0	+	\$1,096.00	X	0	=	\$0.00	\$0.00
Affordable Signs Unlimited		X	0	+		X	0	=	\$0.00	\$0.00
AI Corporation	\$1,000.00	X	0	+	\$1,000.00	X	0	=	\$0.00	\$0.00
Triple D Logging	\$685.00	X	0	+	\$685.00	X	0	=	\$0.00	\$0.00
Ad America		X	0	+		X	0	=	\$0.00	\$0.00
Matthews Bronze Corporation	\$109,589.00	X	0	+	\$109,589.00	X	0	=	\$0.00	\$0.00
ALJEZ Inc.		X	0	+		X	0	=	\$0.00	\$0.00
Taz Hardwoods	\$13,972.00	X	0	+	\$13,972.00	X	0	=	\$0.00	\$0.00
Shatters Printing		X	0	+		X	0	=	\$0.00	\$0.00
Phillips Precast Concrete Inc.	\$1,096.00	X	0	+	\$1,096.00	X	0	=	\$0.00	\$0.00
Press - Ex Printing	\$137.00	X	0	+	\$137.00	X	0	=	\$0.00	\$0.00
Hayes, Harry B. Lumber Company	\$500.00	X	0	+	\$500.00	X	0	=	\$0.00	\$0.00
Martin Marietta Aggregates		X	0	+		X	0	=	\$0.00	\$0.00
Virginia Furnace		X	0	+		X	0	=	\$0.00	\$0.00
Arthurdale Historic District		X	0	+		X	0	=	\$0.00	\$0.00
"Gaymont" (Brookside Inn)	\$137.00	X	0	+	\$137.00	X	0	=	\$0.00	\$0.00
Red Horse Tavern		X	0	+		X	0	=	\$0.00	\$0.00
Hagans Homestead		X	0	+		X	0	=	\$0.00	\$0.00
Elkins Coal and Coke Company Historic District		X	0	+		X	0	=	\$0.00	\$0.00
Reckart Mill		X	0	+		X	0	=	\$0.00	\$0.00
Kingwood Historic District		X	0	+		X	0	=	\$0.00	\$0.00
James Clark McGrew House		X	0	+		X	0	=	\$0.00	\$0.00

Name/Description of Structure	Average Daily Operating Budget (Step 3) (\$)	X	Functional Downtime (Step 4) (# of days)	+	Displacement Cost per Day (Step 3) (\$)	X	Displacement Time (Step 4) (\$)	=	Structure Use & Function Loss (\$)	Structure Loss + Content Loss + Function Loss (\$)
Ralph Snyder Decagonal Barn		X	0	+		X	0	=	\$0.00	\$0.00
Fairfax Stone Site		X	0	+		X	0	=	\$0.00	\$0.00
Colonel Thomas Brown House		X	0	+		X	0	=	\$0.00	\$0.00
James S. Lakin House		X	0	+		X	0	=	\$0.00	\$0.00
Terra Alta Bank		X	0	+		X	0	=	\$0.00	\$0.00
Tunnelton Railroad Depot		X	0	+		X	0	=	\$0.00	\$0.00
McKee Sky Ranch Airport (private)		X	0	+		X	0	=	\$0.00	\$0.00
Titus Field Airport (private)		X	0	+		X	0	=	\$0.00	\$0.00
Moore Field		X	0	+		X	0	=	\$0.00	\$0.00
Camp Dawson	\$1,507.00	X	0	+	\$1,507.00	X	0	=	\$0.00	\$0.00
Valley Point		X	0	+		X	0	=	\$0.00	\$0.00
Railroad		X	0	+		X	0	=	\$0.00	\$0.00
Roadways		X	0	+		X	0	=	\$0.00	\$0.00
Hamed Memorial Medical Clinic	\$1,800.00	X	0	+	\$1,800.00	X	0	=	\$0.00	\$0.00
Davis Clinic		X	0	+		X	0	=	\$0.00	\$0.00
Harriman Memorial Clinic		X	0	+		X	0	=	\$0.00	\$0.00
Preston Memorial Hospital		X	0	+		X	0	=	\$0.00	\$0.00
Cheat River Bridge No. 92		X	0	+		X	0	=	\$0.00	\$0.00
WV Route 7 Bridge		X	0	+		X	0	=	\$0.00	\$0.00
Co. Rt. 73/5 and Laurel Run Bridge		X	0	+		X	0	=	\$0.00	\$0.00
Interstate 68 Bridge		X	0	+		X	0	=	\$0.00	\$0.00
Co. Rt. 73/5 and Laurel Run Bridge		X	0	+		X	0	=	\$0.00	\$0.00
Interstate 68 Bridge		X	0	+		X	0	=	\$0.00	\$0.00
Cheat River Bridge		X	0	+		X	0	=	\$0.00	\$0.00
Cheat River Bridge		X	0	+		X	0	=	\$0.00	\$0.00
Saltlick Creek Bridge		X	0	+		X	0	=	\$0.00	\$0.00
Preston County Courthouse	\$11,829.00	X	0	+	\$11,829.00	X	0	=	\$0.00	\$0.00
U.S. Postal Office - Kingwood		X	0	+		X	0	=	\$0.00	\$0.00

Name/Description of Structure	Average Daily Operating Budget (Step 3) (\$)	X	Functional Downtime (Step 4) (# of days)	+	Displacement Cost per Day (Step 3) (\$)	X	Displacement Time (Step 4) (\$)	=	Structure Use & Function Loss (\$)	Structure Loss + Content Loss + Function Loss (\$)
U.S. Postal Office - Arthurdale	\$47.00	X	0	+	\$47.00	X	0	=	\$0.00	\$0.00
U.S. Postal Office - Reedsville	\$320.00	X	0	+	\$320.00	X	0	=	\$0.00	\$0.00
U.S. Postal Office - Bretz	\$52.00	X	0	+	\$52.00	X	0	=	\$0.00	\$0.00
U.S. Postal Office - Terra Alta		X	0	+		X	0	=	\$0.00	\$0.00
U.S. Postal Office - Tunnelton	\$1,054.00	X	0	+	\$1,054.00	X	0	=	\$0.00	\$0.00
U.S. Postal Office-Newburg	\$55.00	X	0	+	\$55.00	X	0	=	\$0.00	\$0.00
U.S. Postal Office - Masontown	\$49.00	X	0	+	\$49.00	X	0	=	\$0.00	\$0.00
U.S. Postal Office - Bruceton Mills	\$1,273.00	X	0	+	\$1,273.00	X	0	=	\$0.00	\$0.00
U.S. Postal Office-Rowlesburg	\$52.00	X	0	+	\$52.00	X	0	=	\$0.00	\$0.00
U.S. Postal Office - Aurora	\$49.00	X	0	+	\$49.00	X	0	=	\$0.00	\$0.00
U.S. Postal Office - Eglon	\$186.00	X	0	+	\$186.00	X	0	=	\$0.00	\$0.00
Town Hall - Albright	\$116.00	X	0	+	\$116.00	X	0	=	\$0.00	\$0.00
Town Hall - Brandonsville		X	0	+		X	0	=	\$0.00	\$0.00
Town Hall - Bruceton Mills		X	0	+		X	0	=	\$0.00	\$0.00
City Hall - Kingwood	\$3,328.00	X	0	+	\$3,328.00	X	0	=	\$0.00	\$0.00
Town Hall - Masontown	\$342.47	X	0	+	\$342.47	X	0	=	\$0.00	\$0.00
Town Hall - Newburg		X	0	+		X	0	=	\$0.00	\$0.00
Town Hall - Rowlesburg	\$313.22	X	0	+	\$313.22	X	0	=	\$0.00	\$0.00
Town Hall-Tara Alta	\$479.45	X	0	+	\$479.45	X	0	=	\$0.00	\$0.00
State Police - Kingwood	\$767.00	X	0	+	\$767.00	X	0	=	\$0.00	\$0.00
Water Plant - Albright		X	0	+		X	0	=	\$0.00	\$0.00
Preston Co. PSD # 1		X	0	+		X	0	=	\$0.00	\$0.00
Arthurdale Water Association		X	0	+		X	0	=	\$0.00	\$0.00
Water Plant - Brandonville		X	0	+		X	0	=	\$0.00	\$0.00
Water Plant - Kingwood	\$605.00	X	0	+	\$605.00	X	0	=	\$0.00	\$0.00
Water Plant - Masontown	\$342.00	X	0	+	\$342.00	X	0	=	\$0.00	\$0.00
Water Plant - Rowlesburg	\$104.00	X	0	+	\$104.00	X	0	=	\$0.00	\$0.00
Water Plant - Terra Alta	\$616.00	X	0	+	\$616.00	X	0	=	\$0.00	\$0.00

Name/Description of Structure	Average Daily Operating Budget (Step 3) (\$)	X	Functional Downtime (Step 4) (# of days)	+	Displacement Cost per Day (Step 3) (\$)	X	Displacement Time (Step 4) (\$)	=	Structure Use & Function Loss (\$)	Structure Loss + Content Loss + Function Loss (\$)
Sewer Plant - Albright	\$107.00	X	0	+	\$107.00	X	0	=	\$0.00	\$0.00
Sewer Plant - Brandonville		X	0	+		X	0	=	\$0.00	\$0.00
Sewer Plant - Kingwood	\$1,369.00	X	0	+	\$1,369.00	X	0	=	\$0.00	\$0.00
Sewer Plant - Masontown	\$328.00	X	0	+	\$328.00	X	0	=	\$0.00	\$0.00
Sewer Plant - Newburg		X	0	+		X	0	=	\$0.00	\$0.00
Sewer Plant - Rowlesburg	\$55.00	X	0	+	\$55.00	X	0	=	\$0.00	\$0.00
Sewer Plant - Terra Alta		X	0	+		X	0	=	\$0.00	\$0.00
Hopemont Hospital	\$19,178.08	X	0	+	\$19,178.08	X	0	=	\$0.00	\$0.00
Valley Fuels	\$5,479.00	X	0	+	\$5,479.00	X	0	=	\$0.00	\$0.00
Peak Communications	\$164.00	X	0	+	\$164.00	X	0	=	\$0.00	\$0.00
Metal Creations	\$81.00	X	0	+	\$81.00	X	0	=	\$0.00	\$0.00
Greer Limestone Company	\$80,000.00	X	0	+	\$80,000.00	X	0	=	\$0.00	\$0.00
BB&T Masontown		X	0	+		X	0	=	\$0.00	\$0.00
BB&T Kingwood		X	0	+		X	0	=	\$0.00	\$0.00
BB&T Brucetonmills		X	0	+		X	0	=	\$0.00	\$0.00
Austin Powder Company		X	0	+		X	0	=	\$0.00	\$0.00
Kingwood Pharmacy		X	0	+		X	0	=	\$0.00	\$0.00
AT&T Earth Station		X	0	+		X	0	=	\$0.00	\$0.00
Windy Mill Manor		X	0	+		X	0	=	\$0.00	\$0.00
Albright Power Plant		X	0	+		X	0	=	\$0.00	\$0.00
									<b>\$0.00</b>	<b>\$0.00</b>

**Hazard: Dam Failure**

<b>Structure Loss (Task A.1.)</b>					
Name/Description of Structure	Structure Replacement Value (Step 3) (\$)	X	Percent Damage (Step 4) (%)	=	Loss to Structure (\$)
Kingwood Public Library	\$517,500.00	X	0.00	=	\$0.00
Terra Alta Public Library	\$400,000.00	X	0.25	=	\$1,000.00
Albright VFD	248500	X	0.00	=	\$0.00
Aurora VFD	\$400,000.00	X	0.00	=	\$0.00
Bruceton-Brandon VFD	\$480,000.00	X	0.50	=	\$2,400.00
Fellowsville VFD	\$350,000.00	X	0.00	=	\$0.00
Kingwood VFD	\$450,000.00	X	0.00	=	\$0.00
Masontown VFD	\$450,000.00	X	1.00	=	\$4,500.00
Mount Grove VFD		X	0.00	=	\$0.00
Newburg VFD		X	0.25	=	\$0.00
Reedsville VFD	\$350,000.00	X	0.00	=	\$0.00
Rowlesburg VFD		X	0.00	=	\$0.00
Terra Alta VFD	\$160,000.00	X	0.25	=	\$400.00
Tunnelton VFD		X	0.00	=	\$0.00
Mountaineer Ambulance Service Inc.		X	0.00	=	\$0.00
Terra Alta Ambulance Squad Inc.		X	0.25	=	\$0.00
Tunnelton Community Ambulance Service		X	0.00	=	\$0.00
Aurora Elementary School	\$3,585,900.00	X	0.00	=	\$0.00
Bruceton School	\$3,472,200.00	X	2.00	=	\$69,400.00
Central Preston Middle School	\$260,400.00	X	0.00	=	\$0.00
Fellowsville Elementary School	\$126,000.00	X	0.00	=	\$0.00
Kingwood Elementary School	\$115,200.00	X	0.00	=	\$0.00
Preston High School	\$2,110,050.00	X	0.00	=	\$0.00
Rowlesburg School	\$6,384,000.00	X	0.00	=	\$0.00
South Preston Middle School	\$114,300.00	X	0.00	=	\$0.00
Terra Alta / East Preston School	\$822,600.00	X	0.25	=	\$2,100.00
Tunnelton - Denver Elementary School	\$1,529,100.00	X	0.00	=	\$0.00

<b>Contents Loss (Task A.2.)</b>				
Replacement Value of Contents (Step 3) (\$)	X	Percent Damage (step 4) (%)	=	Loss to Contents (\$)
\$300,000.00	X	0.00	=	\$0.00
\$100,000.00	X	0.13	=	\$100.00
\$952,000.00	X	0.00	=	\$0.00
\$150,000.00	X	0.00	=	\$0.00
\$639,000.00	X	0.25	=	\$1,600.00
\$400,000.00	X	0.00	=	\$0.00
\$1,000,000.00	X	0.00	=	\$0.00
\$750,000.00	X	0.50	=	\$3,800.00
	X	0.00	=	\$0.00
	X	0.13	=	\$0.00
\$650,000.00	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
\$750,000.00	X	0.13	=	\$900.00
	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
\$1,195,300.00	X	0.00	=	\$0.00
\$1,157,400.00	X	1.00	=	\$11,600.00
\$86,800.00	X	0.00	=	\$0.00
\$42,000.00	X	0.00	=	\$0.00
\$38,400.00	X	0.00	=	\$0.00
\$703,350.00	X	0.00	=	\$0.00
\$2,128,000.00	X	0.00	=	\$0.00
\$38,100.00	X	0.00	=	\$0.00
\$274,250.00	X	0.13	=	\$300.00
\$509,700.00	X	0.00	=	\$0.00

Name/Description of Structure	Structure Replacement Value (Step 3) (\$)	X	Percent Damage (Step 4) (%)	=	Loss to Structure (\$)
Valley Elementary School	\$3,160,200.00	X	0.00	=	\$0.00
West Preston Middle School	\$882,000.00	X	0.00	=	\$0.00
Integrity Christian School		X	0.00	=	\$0.00
West Virginia Paving, Inc.		X	0.00	=	\$0.00
Grimm Lumber, Inc.		X	0.00	=	\$0.00
Coaltrain Corporation		X	0.00	=	\$0.00
Mary Ruth Corporation	\$300,000.00	X	0.00	=	\$0.00
Pretzell Excavating Co.,	\$200,000.00	X	0.00	=	\$0.00
Sharon Coal Company		X	0.00	=	\$0.00
Fibair - Division of Hollinee		X	0.00	=	\$0.00
Pioneer Press of West Virginia	\$420,000.00	X	0.00	=	\$0.00
Coastal Coal - Sub Coastal Corporation	\$850,000.00	X	0.00	=	\$0.00
Masontown Block Corporation	\$250,000.00	X	3.00	=	\$7,500.00
Preston Publications, Inc.	\$100,000.00	X	0.00	=	\$0.00
Arrowhead Machine Works	\$883,200.00	X	0.00	=	\$0.00
Coastal Lumber Company - Eglon	\$800,000.00	X	0.00	=	\$0.00
Jennmar Corporation	\$3,937,600.00	X	0.00	=	\$0.00
Preston Machine Enterprises	\$500,000.00	X	0.00	=	\$0.00
Hazelton Milling Company	\$1,035,000.00	X	0.00	=	\$0.00
Custom Inflatables, Inc.	\$345,000.00	X	0.00	=	\$0.00
Interstate Hardwoods		X	0.00	=	\$0.00
Coastal Lumber Company - Bruceton Mills	\$1,000,000.00	X	1.00	=	\$10,000.00
Cheat River Wood Products, Inc.		X	0.50	=	\$0.00
C & T Lumber	\$10,000.00	X	0.00	=	\$0.00
4D Logging	\$150,000.00	X	0.00	=	\$0.00
D & C, L.L.C.	\$550,000.00	X	0.00	=	\$0.00
Allegheny Wood Products, Inc. - Kingwood		X	0.00	=	\$0.00
Allegheny Wood Products, Inc. - Hazelton		X	0.00	=	\$0.00

Replacement Value of Contents (Step 3) (\$)	X	Percent Damage (step 4) (%)	=	Loss to Contents (\$)
\$1,053,400.00	X	0.00	=	\$0.00
\$294,000.00	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
\$150,000.00	X	0.00	=	\$0.00
\$100,000.00	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
\$900,000.00	X	0.00	=	\$0.00
\$1,000,000.00	X	0.00	=	\$0.00
\$750,000.00	X	1.50	=	\$11,300.00
\$360,000.00	X	0.00	=	\$0.00
\$1,000,000.00	X	0.00	=	\$0.00
\$750,000.00	X	0.00	=	\$0.00
\$3,937,600.00	X	0.00	=	\$0.00
\$1,000,000.00	X	0.00	=	\$0.00
\$1,035,000.00	X	0.00	=	\$0.00
\$125,000.00	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
\$2,000,000.00	X	0.50	=	\$10,000.00
	X	0.25	=	\$0.00
\$75,000.00	X	0.00	=	\$0.00
\$200,000.00	X	0.00	=	\$0.00
\$70,000.00	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
	X	0.00	=	\$0.00



Name/Description of Structure	Structure Replacement Value (Step 3) (\$)	X	Percent Damage (Step 4) (%)	=	Loss to Structure (\$)
Terra Alta Bank	\$500,000.00	X	0.50	=	\$2,500.00
Tunnelton Railroad Depot		X	0.00	=	\$0.00
McKee Sky Ranch Airport (private)		X	0.00	=	\$0.00
Titus Field Airport (private)	\$211,200.00	X	0.00	=	\$0.00
Moore Field	\$184,800.00	X	0.00	=	\$0.00
Camp Dawson	\$67,427,784.00	X	0.50	=	\$337,100.00
Valley Point	\$313,600.00	X	0.00	=	\$0.00
Railroad	\$19,794,400.00	X	0.50	=	\$99,000.00
Roadways	\$4,149,130,000.00	X	0.25	=	\$10,372,800.00
Hamed Memorial Medical Clinic	\$716,800.00	X	0.00	=	\$0.00
Davis Clinic		X	0.00	=	\$0.00
Harriman Memorial Clinic		X	0.00	=	\$0.00
Preston Memorial Hospital	\$6,720,000.00	X	0.00	=	\$0.00
Cheat River Bridge No. 92	\$1,024,000.00	X	0.25	=	\$2,600.00
WV Route 7 Bridge	\$1,849,600.00	X	0.25	=	\$4,600.00
Co. Rt. 73/5 and Laurel Run Bridge	\$825,600.00	X	0.25	=	\$2,100.00
Interstate 68 Bridge	\$825,600.00	X	0.00	=	\$0.00
Co. Rt. 73/5 and Laurel Run Bridge	\$793,600.00	X	0.25	=	\$2,000.00
Interstate 68 Bridge	\$793,600.00	X	0.00	=	\$0.00
Cheat River Bridge	\$1,008,000.00	X	0.00	=	\$0.00
Cheat River Bridge	\$979,200.00	X	0.00	=	\$0.00
Saltlick Creek Bridge	\$1,043,200.00	X	0.25	=	\$2,600.00
Preston County Courthouse	\$2,329,565.00	X	0.00	=	\$0.00
U.S. Postal Office - Kingwood		X	0.00	=	\$0.00
U.S. Postal Office - Arthurdale	\$168,960.00	X	0.00	=	\$0.00
U.S. Postal Office - Reedsville	\$271,920.00	X	0.00	=	\$0.00
U.S. Postal Office - Bretz	\$123,200.00	X	0.00	=	\$0.00
U.S. Postal Office - Terra Alta	\$30,000.00	X	0.25	=	\$100.00
U.S. Postal Office - Tunnelton	132000	X	0.00	=	\$0.00
U.S. Postal Office-Newburg	\$220,000.00	X	0.50	=	\$1,100.00

Replacement Value of Contents (Step 3) (\$)	X	Percent Damage (step 4) (%)	=	Loss to Contents (\$)
\$50,000.00	X	0.25	=	\$100.00
	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
\$211,200.00	X	0.00	=	\$0.00
\$184,800.00	X	0.00	=	\$0.00
\$722,000.00	X	0.25	=	\$1,800.00
\$400,000.00	X	0.00	=	\$0.00
	X	0.25	=	\$0.00
	X	0.13	=	\$0.00
\$850,000.00	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
\$7,000,000.00	X	0.00	=	\$0.00
	X	0.13	=	\$0.00
	X	0.13	=	\$0.00
	X	0.13	=	\$0.00
	X	0.00	=	\$0.00
	X	0.13	=	\$0.00
	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
	X	0.13	=	\$0.00
\$731,442.00	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
\$168,960.00	X	0.00	=	\$0.00
\$20,000.00	X	0.00	=	\$0.00
\$123,200.00	X	0.00	=	\$0.00
\$30,000.00	X	0.13	=	\$0.00
\$30,000.00	X	0.00	=	\$0.00
\$220,000.00	X	0.25	=	\$600.00

Name/Description of Structure	Structure Replacement Value (Step 3) (\$)	X	Percent Damage (Step 4) (%)	=	Loss to Structure (\$)
U.S. Postal Office - Masontown	\$211,200.00	X	1.00	=	\$2,100.00
U.S. Postal Office - Bruceton Mills	\$193,600.00	X	1.00	=	\$1,900.00
U.S. Postal Office- Rowlesburg	\$176,000.00	X	0.50	=	\$900.00
U.S. Postal Office - Aurora	\$140,800.00	X	0.25	=	\$400.00
U.S. Postal Office - Eglon	\$105,600.00	X	0.00	=	\$0.00
Town Hall - Albright	\$55,000.00	X	0.00	=	\$0.00
Town Hall - Brandonsville		X	1.00	=	\$0.00
Town Hall - Bruceton Mills		X	1.00	=	\$0.00
City Hall - Kingwood	\$500,000.00	X	0.00	=	\$0.00
Town Hall - Masontown	\$35,000.00	X	2.00	=	\$700.00
Town Hall - Newburg		X	0.50	=	\$0.00
Town Hall - Rowlesburg	\$25,755.00	X	0.00	=	\$0.00
Town Hall-Tara Alta	\$400,000.00	X	0.50	=	\$2,000.00
State Police - Kingwood	\$100,000.00	X	0.00	=	\$0.00
Water Plant - Albright		X	0.00	=	\$0.00
Preston Co. PSD # 1		X	0.00	=	\$0.00
Arthurdale Water Association		X	0.25	=	\$0.00
Water Plant - Brandonville		X	0.50	=	\$0.00
Water Plant - Kingwood	\$1,200,000.00	X	0.00	=	\$0.00
Water Plant - Masontown	\$150,000.00	X	0.50	=	\$800.00
Water Plant - Rowlesburg	\$82,417.00	X	0.00	=	\$0.00
Water Plant - Terra Alta	\$834,000.00	X	0.50	=	\$4,200.00
Sewer Plant - Albright	\$125,000.00	X	0.00	=	\$0.00
Sewer Plant - Brandonville		X	0.50	=	\$0.00
Sewer Plant - Kingwood	\$1,150,000.00	X	0.00	=	\$0.00
Sewer Plant - Masontown	\$1,052,500.00	X	1.00	=	\$10,500.00
Sewer Plant - Newburg		X	0.50	=	\$0.00
Sewer Plant - Rowlesburg	\$10,000.00	X	0.00	=	\$0.00
Sewer Plant - Terra Alta		X	0.50	=	\$0.00
Hopemont Hospital	\$25,000,000.00	X	0.00	=	\$0.00
Valley Fuels	\$1,500.00	X	0.00	=	\$0.00

Replacement Value of Contents (Step 3) (\$)	X	Percent Damage (step 4) (%)	=	Loss to Contents (\$)
\$15,000.00	X	0.50	=	\$100.00
\$193,600.00	X	0.50	=	\$1,000.00
\$176,000.00	X	0.25	=	\$400.00
\$10,000.00	X	0.13	=	\$0.00
\$8,000.00	X	0.00	=	\$0.00
\$15,000.00	X	0.00	=	\$0.00
	X	0.50	=	\$0.00
	X	0.50	=	\$0.00
\$1,200,000.00	X	0.00	=	\$0.00
\$10,000.00	X	1.00	=	\$100.00
	X	0.25	=	\$0.00
\$2,000.00	X	0.00	=	\$0.00
\$20,000.00	X	0.25	=	\$100.00
\$100,000.00	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
	X	0.13	=	\$0.00
	X	0.25	=	\$0.00
\$1,500,000.00	X	0.00	=	\$0.00
\$50,000.00	X	0.25	=	\$100.00
\$82,417.00	X	0.00	=	\$0.00
\$100,000.00	X	0.25	=	\$300.00
\$5,000.00	X	0.00	=	\$0.00
	X	0.25	=	\$0.00
\$2,400,000.00	X	0.00	=	\$0.00
\$1,000,000.00	X	0.50	=	\$5,000.00
	X	0.25	=	\$0.00
\$20,000.00	X	0.00	=	\$0.00
	X	0.25	=	\$0.00
\$300,000.00	X	0.00	=	\$0.00
\$30,000.00	X	0.00	=	\$0.00

Name/Description of Structure	Structure Replacement Value (Step 3) (\$)	X	Percent Damage (Step 4) (%)	=	Loss to Structure (\$)
Peak Communications	\$70,000.00	X	0.00	=	\$0.00
Metal Creations	\$75,000.00	X	0.00	=	\$0.00
Greer Limestone Company	\$20,000,000.00	X	0.00	=	\$0.00
BB&T Masontown	200000	X	2.00	=	\$4,000.00
BB&T Kingwood	\$500,000.00	X	0.00	=	\$0.00
BB&T Brucetonmills	200000	X	0.50	=	\$1,000.00
Austin Powder Company	\$125,000.00	X	0.00	=	\$0.00
Kingwood Pharmacy	340000	X	0.00	=	\$0.00
AT&T Earth Station	\$5,733,300.00	X	0.00	=	\$0.00
Windy Mill Manor		X	0.00	=	\$0.00
Albright Power Plant		X	0.00	=	\$0.00
					<b>\$11,006,300.00</b>

Replacement Value of Contents (Step 3) (\$)	X	Percent Damage (step 4) (%)	=	Loss to Contents (\$)
\$50,000.00	X	0.00	=	\$0.00
\$50,000.00	X	0.00	=	\$0.00
\$8,000,000.00	X	0.00	=	\$0.00
\$200,000.00	X	1.00	=	\$2,000.00
\$500,000.00	X	0.00	=	\$0.00
\$200,000.00	X	0.25	=	\$500.00
\$165,000.00	X	0.00	=	\$0.00
\$300,000.00	X	0.00	=	\$0.00
\$4,299,975.00	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
	X	0.00	=	\$0.00
				<b>\$101,700.00</b>

Structure Use and Function Loss (Task A.3.)										
Name/Description of Structure	Average Daily Operating Budget (Step 3) (\$)	X	Functional Downtime (Step 4) (# of days)	+	Displacement Cost per Day (Step 3) (\$)	X	Displacement Time (Step 4) (\$)	=	Structure Use & Function Loss (\$)	Structure Loss + Content Loss + Function Loss (\$)
Kingwood Public Library	\$410.00	X	0	+	\$410.00	X	0	=	\$0.00	\$0.00
Terra Alta Public Library	\$142.47	X	0	+	\$142.47	X	0	=	\$0.00	\$1,100.00
Albright VFD	\$150.00	X	0	+	\$150.00	X	0	=	\$0.00	\$0.00
Aurora VFD		X	0	+		X	0	=	\$0.00	\$0.00
Bruce-ton-Brandon VFD	\$330.00	X	0	+	\$330.00	X	0	=	\$0.00	\$4,000.00
Fellowsville VFD	\$274.00	X	0	+	\$274.00	X	0	=	\$0.00	\$0.00
Kingwood VFD	\$110.00	X	0	+	\$110.00	X	0	=	\$0.00	\$0.00
Masontown VFD	\$1,200.00	X	0	+	\$1,200.00	X	0	=	\$0.00	\$8,300.00
Mount Grove VFD		X	0	+		X	0	=	\$0.00	\$0.00
Newburg VFD		X	0	+		X	0	=	\$0.00	\$0.00
Reedsville VFD	\$275.00	X	0	+	\$275.00	X	0	=	\$0.00	\$0.00
Rowlesburg VFD		X	0	+		X	0	=	\$0.00	\$0.00
Terra Alta VFD	\$137.00	X	0	+	\$137.00	X	0	=	\$0.00	\$1,300.00
Tunnelton VFD		X	0	+		X	0	=	\$0.00	\$0.00
Mountaineer Ambulance Service Inc.		X	0	+		X	0	=	\$0.00	\$0.00
Terra Alta Ambulance Squad Inc.		X	0	+		X	0	=	\$0.00	\$0.00
Tunnelton Community Ambulance Service		X	0	+		X	0	=	\$0.00	\$0.00
Aurora Elementary School	\$2,507.00	X	0	+	\$2,507.00	X	0	=	\$0.00	\$0.00
Bruce-ton School	\$6,493.00	X	2	+	\$6,493.00	X	0	=	\$12,986.00	\$93,986.00
Central Preston Middle School	\$4,562.00	X	0	+	\$4,562.00	X	0	=	\$0.00	\$0.00
Fellowsville Elementary School	\$2,603.00	X	0	+	\$2,603.00	X	0	=	\$0.00	\$0.00
Kingwood Elementary School	\$9,356.16	X	0	+	\$9,356.16	X	0	=	\$0.00	\$0.00
Preston High School	\$23,000.00	X	0	+	\$23,000.00	X	0	=	\$0.00	\$0.00
Rowlesburg School	\$2,849.32	X	0	+	\$2,849.32	X	0	=	\$0.00	\$0.00
South Preston Middle School	\$2,972.60	X	0	+	\$2,972.60	X	0	=	\$0.00	\$0.00

Name/Description of Structure	Average Daily Operating Budget (Step 3) (\$)	X	Functional Downtime (Step 4) (# of days)	+	Displacement Cost per Day (Step 3) (\$)	X	Displacement Time (Step 4) (\$)	=	Structure Use & Function Loss (\$)	Structure Loss + Content Loss + Function Loss (\$)
Terra Alta / East Preston School	\$7,534.25	X	0.5	+	\$7,534.25	X	0	=	\$3,767.13	\$6,167.13
Tunnelton - Denver Elementary School	\$3,260.27	X	0	+	\$3,260.27	X	0	=	\$0.00	\$0.00
Valley Elementary School	\$6,561.64	X	0	+	\$6,561.64	X	0	=	\$0.00	\$0.00
West Preston Middle School	\$2,986.30	X	0	+	\$2,986.30	X	0	=	\$0.00	\$0.00
Integrity Christian School		X	0	+		X	0	=	\$0.00	\$0.00
West Virginia Paving, Inc.		X	0	+		X	0	=	\$0.00	\$0.00
Grimm Lumber, Inc.		X	0	+		X	0	=	\$0.00	\$0.00
Coaltrain Corporation		X	0	+		X	0	=	\$0.00	\$0.00
Mary Ruth Corporation	\$685.00	X	0	+	\$685.00	X	0	=	\$0.00	\$0.00
Pretzell Excavating Co.,	\$1,370.00	X	0	+	\$1,370.00	X	0	=	\$0.00	\$0.00
Sharon Coal Company		X	0	+		X	0	=	\$0.00	\$0.00
Fibair - Division of Hollinee		X	0	+		X	0	=	\$0.00	\$0.00
Pioneer Press of West Virginia	\$2,055.00	X	0	+	\$2,055.00	X	0	=	\$0.00	\$0.00
Coastal Coal - Sub Coastal Corporation		X	0	+		X	0	=	\$0.00	\$0.00
Masontown Block Corporation	\$1,370.00	X	1	+	\$1,370.00	X	0	=	\$1,370.00	\$20,170.00
Preston Publications, Inc.	\$1,918.00	X	0	+	\$1,918.00	X	0	=	\$0.00	\$0.00
Arrowhead Machine Works	\$548.00	X	0	+	\$548.00	X	0	=	\$0.00	\$0.00
Coastal Lumber Company - Eglon	\$2,131.00	X	1	+	\$2,131.00	X	0	=	\$2,131.00	\$2,131.00
Jenmar Corporation	\$274.00	X	0	+	\$274.00	X	0	=	\$0.00	\$0.00
Preston Machine Enterprises	\$2,740.00	X	0	+	\$2,740.00	X	0	=	\$0.00	\$0.00
Hazelton Milling Company	\$220.00	X	0	+	\$220.00	X	0	=	\$0.00	\$0.00
Custom Inflatables, Inc.	\$342.00	X	0	+	\$342.00	X	0	=	\$0.00	\$0.00
Interstate Hardwoods		X	0	+		X	0	=	\$0.00	\$0.00
Coastal Lumber Company - Bruceton Mills	\$4,262.00	X	1	+	\$4,262.00	X	0	=	\$4,262.00	\$24,262.00
Cheat River Wood Products, Inc.		X	0	+		X	0	=	\$0.00	\$0.00
C & T Lumber	\$822.00	X	1	+	\$822.00	X	0	=	\$822.00	\$822.00
4D Logging	\$1,370.00	X	1	+	\$1,370.00	X	0	=	\$1,370.00	\$1,370.00
D & C, L.L.C.	\$274.00	X	0	+	\$274.00	X	0	=	\$0.00	\$0.00

Name/Description of Structure	Average Daily Operating Budget (Step 3) (\$)	X	Functional Downtime (Step 4) (# of days)	+	Displacement Cost per Day (Step 3) (\$)	X	Displacement Time (Step 4) (\$)	=	Structure Use & Function Loss (\$)	Structure Loss + Content Loss + Function Loss (\$)
Allegheny Wood Products, Inc. - Kingwood		X	0	+		X	0	=	\$0.00	\$0.00
Allegheny Wood Products, Inc. - Hazelton		X	0	+		X	0	=	\$0.00	\$0.00
Birdscreek Repair	\$83.00	X	0	+	\$83.00	X	0	=	\$0.00	\$0.00
DK Equipment Company		X	0	+		X	0	=	\$0.00	\$0.00
Cranesville Stone, Inc.	\$4,110.00	X	0	+	\$4,110.00	X	0	=	\$0.00	\$0.00
Headline Books	\$125.00	X	0	+	\$125.00	X	0	=	\$0.00	\$0.00
GEC, Inc.		X	0	+		X	0	=	\$0.00	\$0.00
Owens Industrial Commercial	\$1,096.00	X	0	+	\$1,096.00	X	0	=	\$0.00	\$0.00
Affordable Signs Unlimited		X	0	+		X	0	=	\$0.00	\$0.00
AI Corporation	\$1,000.00	X	0	+	\$1,000.00	X	0	=	\$0.00	\$0.00
Triple D Logging	\$685.00	X	0	+	\$685.00	X	0	=	\$0.00	\$0.00
Ad America		X	0	+		X	0	=	\$0.00	\$0.00
Matthews Bronze Corporation	\$109,589.00	X	0	+	\$109,589.00	X	0	=	\$0.00	\$0.00
ALJEZ Inc.		X	0	+		X	0	=	\$0.00	\$0.00
Taz Hardwoods	\$13,972.00	X	0	+	\$13,972.00	X	0	=	\$0.00	\$104,000.00
Shatters Printing		X	0	+		X	0	=	\$0.00	\$0.00
Phillips Precast Concrete Inc.	\$1,096.00	X	0	+	\$1,096.00	X	0	=	\$0.00	\$0.00
Press - Ex Printing	\$137.00	X	0	+	\$137.00	X	0	=	\$0.00	\$0.00
Hayes, Harry B. Lumber Company	\$500.00	X	0	+	\$500.00	X	0	=	\$0.00	\$0.00
Martin Marietta Aggregates		X	0	+		X	0	=	\$0.00	\$0.00
Virginia Furnace		X	0	+		X	0	=	\$0.00	\$0.00
Arthurdale Historic District		X	0	+		X	0	=	\$0.00	\$0.00
"Gaymont" (Brookside Inn)	\$137.00	X	0	+	\$137.00	X	0	=	\$0.00	\$0.00
Red Horse Tavern		X	0	+		X	0	=	\$0.00	\$0.00
Hagans Homestead		X	0	+		X	0	=	\$0.00	\$0.00
Elkins Coal and Coke Company Historic District		X	0	+		X	0	=	\$0.00	\$0.00
Reckart Mill		X	0	+		X	0	=	\$0.00	\$0.00
Kingwood Historic District		X	0	+		X	0	=	\$0.00	\$0.00

Name/Description of Structure	Average Daily Operating Budget (Step 3) (\$)	X	Functional Downtime (Step 4) (# of days)	+	Displacement Cost per Day (Step 3) (\$)	X	Displacement Time (Step 4) (\$)	=	Structure Use & Function Loss (\$)	Structure Loss + Content Loss + Function Loss (\$)
James Clark McGrew House		X	0	+		X	0	=	\$0.00	\$0.00
Ralph Snyder Decagonal Barn		X	0	+		X	0	=	\$0.00	\$0.00
Fairfax Stone Site		X	0	+		X	0	=	\$0.00	\$0.00
Colonel Thomas Brown House		X	0	+		X	0	=	\$0.00	\$0.00
James S. Lakin House		X	0	+		X	0	=	\$0.00	\$0.00
Terra Alta Bank		X	0.5	+		X	0	=	\$0.00	\$2,600.00
Tunnelton Railroad Depot		X	0	+		X	0	=	\$0.00	\$0.00
McKee Sky Ranch Airport (private)		X	0	+		X	0	=	\$0.00	\$0.00
Titus Field Airport (private)		X	0	+		X	0	=	\$0.00	\$0.00
Moore Field		X	0	+		X	0	=	\$0.00	\$0.00
Camp Dawson	\$1,507.00	X	0	+	\$1,507.00	X	0	=	\$0.00	\$338,900.00
Valley Point		X	0	+		X	0	=	\$0.00	\$0.00
Railroad		X	0	+		X	0	=	\$0.00	\$99,000.00
Roadways		X	0	+		X	0	=	\$0.00	\$10,372,800.00
Hamed Memorial Medical Clinic	\$1,800.00	X	0	+	\$1,800.00	X	0	=	\$0.00	\$0.00
Davis Clinic		X	0	+		X	0	=	\$0.00	\$0.00
Harriman Memorial Clinic		X	0	+		X	0	=	\$0.00	\$0.00
Preston Memorial Hospital		X	0	+		X	0	=	\$0.00	\$0.00
Cheat River Bridge No. 92		X	0	+		X	0	=	\$0.00	\$2,600.00
WV Route 7 Bridge		X	0	+		X	0	=	\$0.00	\$4,600.00
Co. Rt. 73/5 and Laurel Run Bridge		X	0	+		X	0	=	\$0.00	\$2,100.00
Interstate 68 Bridge		X	0	+		X	0	=	\$0.00	\$0.00
Co. Rt. 73/5 and Laurel Run Bridge		X	0	+		X	0	=	\$0.00	\$2,000.00
Interstate 68 Bridge		X	0	+		X	0	=	\$0.00	\$0.00
Cheat River Bridge		X	0	+		X	0	=	\$0.00	\$0.00
Cheat River Bridge		X	0	+		X	0	=	\$0.00	\$0.00
Saltlick Creek Bridge		X	0	+		X	0	=	\$0.00	\$2,600.00
Preston County Courthouse	\$11,829.00	X	0	+	\$11,829.00	X	0	=	\$0.00	\$0.00

Name/Description of Structure	Average Daily Operating Budget (Step 3) (\$)	X	Functional Downtime (Step 4) (# of days)	+	Displacement Cost per Day (Step 3) (\$)	X	Displacement Time (Step 4) (\$)	=	Structure Use & Function Loss (\$)	Structure Loss + Content Loss + Function Loss (\$)
U.S. Postal Office - Kingwood		X	0	+		X	0	=	\$0.00	\$0.00
U.S. Postal Office - Arthurdale	\$47.00	X	0	+	\$47.00	X	0	=	\$0.00	\$0.00
U.S. Postal Office - Reedsville	\$320.00	X	0	+	\$320.00	X	0	=	\$0.00	\$0.00
U.S. Postal Office - Bretz	\$52.00	X	0	+	\$52.00	X	0	=	\$0.00	\$0.00
U.S. Postal Office - Terra Alta		X	0	+		X	0	=	\$0.00	\$100.00
U.S. Postal Office - Tunnelton	\$1,054.00	X	0	+	\$1,054.00	X	0	=	\$0.00	\$0.00
U.S. Postal Office-Newburg	\$55.00	X	0	+	\$55.00	X	0	=	\$0.00	\$1,700.00
U.S. Postal Office - Masontown	\$49.00	X	0	+	\$49.00	X	0	=	\$0.00	\$2,200.00
U.S. Postal Office - Bruceton Mills	\$1,273.00	X	0	+	\$1,273.00	X	0	=	\$0.00	\$2,900.00
U.S. Postal Office-Rowlesburg	\$52.00	X	0	+	\$52.00	X	0	=	\$0.00	\$1,300.00
U.S. Postal Office - Aurora	\$49.00	X	0	+	\$49.00	X	0	=	\$0.00	\$400.00
U.S. Postal Office - Eglon	\$186.00	X	0	+	\$186.00	X	0	=	\$0.00	\$0.00
Town Hall - Albright	\$116.00	X	0	+	\$116.00	X	0	=	\$0.00	\$0.00
Town Hall - Brandonsville		X	0	+		X	0	=	\$0.00	\$0.00
Town Hall - Bruceton Mills		X	0	+		X	0	=	\$0.00	\$0.00
City Hall - Kingwood	\$3,328.00	X	0	+	\$3,328.00	X	0	=	\$0.00	\$0.00
Town Hall - Masontown	\$342.47	X	0	+	\$342.47	X	0	=	\$0.00	\$800.00
Town Hall - Newburg		X	0	+		X	0	=	\$0.00	\$0.00
Town Hall - Rowlesburg	\$313.22	X	0	+	\$313.22	X	0	=	\$0.00	\$0.00
Town Hall-Tara Alta	\$479.45	X	0	+	\$479.45	X	0	=	\$0.00	\$2,100.00
State Police - Kingwood	\$767.00	X	0	+	\$767.00	X	0	=	\$0.00	\$0.00
Water Plant - Albright		X	0	+		X	0	=	\$0.00	\$0.00
Preston Co. PSD # 1		X	0	+		X	0	=	\$0.00	\$0.00
Arthurdale Water Association		X	0	+		X	0	=	\$0.00	\$0.00
Water Plant - Brandonville		X	0	+		X	0	=	\$0.00	\$0.00
Water Plant - Kingwood	\$605.00	X	0	+	\$605.00	X	0	=	\$0.00	\$0.00
Water Plant - Masontown	\$342.00	X	0	+	\$342.00	X	0	=	\$0.00	\$900.00

Name/Description of Structure	Average Daily Operating Budget (Step 3) (\$)	X	Functional Downtime (Step 4) (# of days)	+	Displacement Cost per Day (Step 3) (\$)	X	Displacement Time (Step 4) (\$)	=	Structure Use & Function Loss (\$)	Structure Loss + Content Loss + Function Loss (\$)
Water Plant - Rowlesburg	\$104.00	X	0	+	\$104.00	X	0	=	\$0.00	\$0.00
Water Plant - Terra Alta	\$616.00	X	0	+	\$616.00	X	0	=	\$0.00	\$4,500.00
Sewer Plant - Albright	\$107.00	X	0	+	\$107.00	X	0	=	\$0.00	\$0.00
Sewer Plant - Brandonville		X	0	+		X	0	=	\$0.00	\$0.00
Sewer Plant - Kingwood	\$1,369.00	X	0	+	\$1,369.00	X	0	=	\$0.00	\$0.00
Sewer Plant - Masontown	\$328.00	X	0	+	\$328.00	X	0	=	\$0.00	\$15,500.00
Sewer Plant - Newburg		X	0	+		X	0	=	\$0.00	\$0.00
Sewer Plant - Rowlesburg	\$55.00	X	0	+	\$55.00	X	0	=	\$0.00	\$0.00
Sewer Plant - Terra Alta		X	0	+		X	0	=	\$0.00	\$0.00
Hopemont Hospital	\$19,178.08	X	0	+	\$19,178.08	X	0	=	\$0.00	\$0.00
Valley Fuels	\$5,479.00	X	0	+	\$5,479.00	X	0	=	\$0.00	\$0.00
Peak Communications	\$164.00	X	0	+	\$164.00	X	0	=	\$0.00	\$0.00
Metal Creations	\$81.00	X	0	+	\$81.00	X	0	=	\$0.00	\$0.00
Greer Limestone Company	\$80,000.00	X	0	+	\$80,000.00	X	0	=	\$0.00	\$0.00
BB&T Masontown		X	1	+		X	0	=	\$0.00	\$6,000.00
BB&T Kingwood		X	0	+		X	0	=	\$0.00	\$0.00
BB&T Brucetonmills		X	1	+		X	0	=	\$0.00	\$1,500.00
Austin Powder Company		X	0	+		X	0	=	\$0.00	\$0.00
Kingwood Pharmacy		X	0	+		X	0	=	\$0.00	\$0.00
AT&T Earth Station		X	0	+		X	0	=	\$0.00	\$0.00
Windy Mill Manor		X	0	+		X	0	=	\$0.00	\$0.00
Albright Power Plant		X	0	+		X	0	=	\$0.00	\$0.00
									<b>\$26,700.00</b>	<b>\$11,134,700.00</b>

# TAYLOR COUNTY

**Hazard: Dam Failure**

Type of Structure (Occupancy Class)	Number of Structures			Value of Structures			Number of People		
	# in Community or State	# in Hazard Area	% in Hazard Area	\$ in Community or State	\$ in Hazard Area	% in Hazard Area	# in Community or State	# in Hazard Area	% in Hazard Area
<i>Residential</i>	7,541	91	1%	\$720,165,500	\$7,201,655	1%	16,895	169	1%
<i>Commercial</i>	226	3	1%	\$56,500,000	\$565,000	1%	1,632	16	1%
<i>Industrial</i>	0	0	0%	\$0	\$0	0%	0	0	0%
<i>Agricultural</i>	471	6	1%	\$6,367,920	\$63,679	1%	712	7	1%
<i>Religious/Non-Profit</i>	50	1	2%	\$7,500,000	\$150,000	2%	2,500	50	2%
<i>Government</i>	15	0	0%	\$22,500,000	\$0	0%	1,135	0	0%
<i>Education</i>	5	0	0%	\$30,500,000	\$0	0%	2,651	0	0%
<i>Utilities</i>	9	3	33%	\$13,500,000	\$4,455,000	33%	176	58	33%
<b>Total</b>	<b>8,317</b>	<b>104</b>	<b>1%</b>	<b>\$857,033,420</b>	<b>\$12,435,334</b>	<b>1%</b>	<b>25,701</b>	<b>300</b>	<b>1%</b>

- |   | Yes | No |
|---|-----|----|
| 1. Do you know where your greatest damages may occur in your hazard areas?  | X   |    |
| 2. Do you know whether your critical facilities will be operational after a hazard event?   | X   |    |
| 3. Is there enough data to determine which assets are subject to the greatest potential damages?  | X   |    |
| 4. Is there enough data to determine whether significant elements of the community are vulnerable to potential hazards?   | X   |    |
| 5. Is there enough data to determine whether certain areas of historic, environmental, political, or cultural significance are vulnerable to potential hazards? | X   |    |
| 6. Is there concern about a particular hazard because of its severity, repetitiveness, or likelihood of occurrence?   | X   |    |
| 7. Is additional data needed to justify the expenditure of community or state funds for mitigation initiatives?   |     | X  |

**Hazard: Drought**

Type of Structure (Occupancy Class)	Number of Structures			Value of Structures			Number of People		
	# in Community or State	# in Hazard Area	% in Hazard Area	\$ in Community or State	\$ in Hazard Area	% in Hazard Area	# in Community or State	# in Hazard Area	% in Hazard Area
<i>Residential</i>	7,541	0	0%	\$720,165,500	\$0	0%	16,895	0	0%
<i>Commercial</i>	226	0	0%	\$56,500,000	\$0	0%	1,632	0	0%
<i>Industrial</i>	0	0	0%	\$0	\$0	0%	0	0	0%
<i>Agricultural</i>	471	471	100%	\$6,367,920	\$6,367,920	100%	712	712	100%
<i>Religious/Non-Profit</i>	50	0	0%	\$7,500,000	\$0	0%	2,500	0	0%
<i>Government</i>	15	0	0%	\$22,500,000	\$0	0%	1,135	0	0%
<i>Education</i>	5	0	0%	\$30,500,000	\$0	0%	2,651	0	0%
<i>Utilities</i>	9	3	33%	\$13,500,000	\$4,455,000	33%	176	58	33%
<b>Total</b>	<b>8,317</b>	<b>474</b>	<b>6%</b>	<b>\$857,033,420</b>	<b>\$10,822,920</b>	<b>1%</b>	<b>25,701</b>	<b>770</b>	<b>3%</b>

- |   | Yes | No |
|---|-----|----|
| 1. Do you know where your greatest damages may occur in your hazard areas?  | X   |    |
| 2. Do you know whether your critical facilities will be operational after a hazard event?   | X   |    |
| 3. Is there enough data to determine which assets are subject to the greatest potential damages?  | X   |    |
| 4. Is there enough data to determine whether significant elements of the community are vulnerable to potential hazards?   | X   |    |
| 5. Is there enough data to determine whether certain areas of historic, environmental, political, or cultural significance are vulnerable to potential hazards? | X   |    |
| 6. Is there concern about a particular hazard because of its severity, repetitiveness, or likelihood of occurrence?   | X   |    |
| 7. Is additional data needed to justify the expenditure of community or state funds for mitigation initiatives?   |     | X  |

**Hazard: Earthquake**

Type of Structure (Occupancy Class)	Number of Structures			Value of Structures			Number of People		
	# in Community or State	# in Hazard Area	% in Hazard Area	\$ in Community or State	\$ in Hazard Area	% in Hazard Area	# in Community or State	# in Hazard Area	% in Hazard Area
<i>Residential</i>	7,541	7,541	100%	\$720,165,500	\$0	0%	16,895	16,895	100%
<i>Commercial</i>	226	226	100%	\$56,500,000	\$0	0%	1,632	1,632	100%
<i>Industrial</i>	0	0	0%	\$0	\$0	0%	0	0	100%
<i>Agricultural</i>	471	471	100%	\$6,367,920	\$0	0%	712	715	100%
<i>Religious/Non-Profit</i>	50	50	100%	\$7,500,000	\$0	0%	2,500	2,500	100%
<i>Government</i>	15	15	100%	\$22,500,000	\$0	0%	1,135	1,135	100%
<i>Education</i>	5	5	100%	\$30,500,000	\$0	0%	2,651	2,651	100%
<i>Utilities</i>	9	9	100%	\$13,500,000	\$0	0%	176	176	100%
<b>Total</b>	<b>8,317</b>	<b>8,317</b>	<b>100%</b>	<b>\$857,033,420</b>	<b>\$0</b>	<b>0%</b>	<b>25,701</b>	<b>25,704</b>	<b>100%</b>

- |   | Yes | No |
|---|-----|----|
| 1. Do you know where your greatest damages may occur in your hazard areas?  | X   |    |
| 2. Do you know whether your critical facilities will be operational after a hazard event?   | X   |    |
| 3. Is there enough data to determine which assets are subject to the greatest potential damages?  | X   |    |
| 4. Is there enough data to determine whether significant elements of the community are vulnerable to potential hazards?   | X   |    |
| 5. Is there enough data to determine whether certain areas of historic, environmental, political, or cultural significance are vulnerable to potential hazards? | X   |    |
| 6. Is there concern about a particular hazard because of its severity, repetitiveness, or likelihood of occurrence?   | X   |    |
| 7. Is additional data needed to justify the expenditure of community or state funds for mitigation initiatives?   |     | X  |

**Hazard: Flooding**

Type of Structure (Occupancy Class)	Number of Structures			Value of Structures			Number of People		
	# in Community or State	# in Hazard Area	% in Hazard Area	\$ in Community or State	\$ in Hazard Area	% in Hazard Area	# in Community or State	# in Hazard Area	% in Hazard Area
<i>Residential</i>	7,541	1,885	25%	\$720,165,500	\$180,041,375	25%	16,895	4,224	25%
<i>Commercial</i>	226	57	25%	\$56,500,000	\$14,125,000	25%	1,632	408	25%
<i>Industrial</i>	0	0	0%	\$0	\$0	0%	0	0	0%
<i>Agricultural</i>	471	118	25%	\$6,367,920	\$1,591,980	25%	712	178	25%
<i>Religious/Non-Profit</i>	50	13	25%	\$7,500,000	\$1,875,000	25%	2,500	625	25%
<i>Government</i>	15	0	0%	\$22,500,000	\$0	0%	1,135	0	0%
<i>Education</i>	5	1	20%	\$30,500,000	\$6,100,000	20%	2,651	530	20%
<i>Utilities</i>	9	0	0%	\$13,500,000	\$0	0%	176	0	0%
<b>Total</b>	<b>8,317</b>	<b>2,073</b>	<b>25%</b>	<b>\$857,033,420</b>	<b>\$203,733,355</b>	<b>24%</b>	<b>25,701</b>	<b>5,965</b>	<b>23%</b>

	<b>Yes</b>	<b>No</b>
1. Do you know where your greatest damages may occur in your hazard areas?	<b>X</b>	
2. Do you know whether your critical facilities will be operational after a hazard event?	<b>X</b>	
3. Is there enough data to determine which assets are subject to the greatest potential damages?	<b>X</b>	
4. Is there enough data to determine whether significant elements of the community are vulnerable to potential hazards?	<b>X</b>	
5. Is there enough data to determine whether certain areas of historic, environmental, political, or cultural significance are vulnerable to potential hazards?	<b>X</b>	
6. Is there concern about a particular hazard because of its severity, repetitiveness, or likelihood of occurrence?	<b>X</b>	
7. Is additional data needed to justify the expenditure of community or state funds for mitigation initiatives?		<b>X</b>

**Hazard: Hailstorm**

Type of Structure (Occupancy Class)	Number of Structures			Value of Structures			Number of People		
	# in Community or State	# in Hazard Area	% in Hazard Area	\$ in Community or State	\$ in Hazard Area	% in Hazard Area	# in Community or State	# in Hazard Area	% in Hazard Area
<i>Residential</i>	7,541	7,541	100%	\$720,165,500	\$72,017	0%	16,895	16,895	100%
<i>Commercial</i>	226	226	100%	\$56,500,000	\$5,650	0%	1,632	1,632	100%
<i>Industrial</i>	0	0	0%	\$0	\$0	0%	0	0	100%
<i>Agricultural</i>	471	471	100%	\$6,367,920	\$637	0%	712	715	100%
<i>Religious/Non-Profit</i>	50	50	100%	\$7,500,000	\$750	0%	2,500	2,500	100%
<i>Government</i>	15	15	100%	\$22,500,000	\$2,250	0%	1,135	1,135	100%
<i>Education</i>	5	5	100%	\$30,500,000	\$3,050	0%	2,651	2,651	100%
<i>Utilities</i>	9	9	100%	\$13,500,000	\$1,350	0%	176	176	100%
<b>Total</b>	<b>8,317</b>	<b>8,317</b>	<b>100%</b>	<b>\$857,033,420</b>	<b>\$85,703</b>	<b>0%</b>	<b>25,701</b>	<b>25,704</b>	<b>100%</b>

- |   | Yes | No |
|---|-----|----|
| 1. Do you know where your greatest damages may occur in your hazard areas?  | X   |    |
| 2. Do you know whether your critical facilities will be operational after a hazard event?   | X   |    |
| 3. Is there enough data to determine which assets are subject to the greatest potential damages?  | X   |    |
| 4. Is there enough data to determine whether significant elements of the community are vulnerable to potential hazards?   | X   |    |
| 5. Is there enough data to determine whether certain areas of historic, environmental, political, or cultural significance are vulnerable to potential hazards? | X   |    |
| 6. Is there concern about a particular hazard because of its severity, repetitiveness, or likelihood of occurrence?   | X   |    |
| 7. Is additional data needed to justify the expenditure of community or state funds for mitigation initiatives?   |     | X  |

### Hazard: Land Subsidence

Type of Structure (Occupancy Class)	Number of Structures			Value of Structures			Number of People		
	# in Community or State	# in Hazard Area	% in Hazard Area	\$ in Community or State	\$ in Hazard Area	% in Hazard Area	# in Community or State	# in Hazard Area	% in Hazard Area
<i>Residential</i>	7,541	100	1%	\$720,165,500	\$7,201,655	1%	16,895	169	1%
<i>Commercial</i>	226	20	9%	\$56,500,000	\$5,085,000	9%	1,632	147	9%
<i>Industrial</i>	0	0	0%	\$0	\$0	0%	0	0	0%
<i>Agricultural</i>	471	10	2%	\$6,367,920	\$127,358	2%	712	14	2%
<i>Religious/Non-Profit</i>	50	5	10%	\$7,500,000	\$750,000	10%	2,500	250	10%
<i>Government</i>	15	0	0%	\$22,500,000	\$0	0%	1,135	0	0%
<i>Education</i>	5	0	0%	\$30,500,000	\$0	0%	2,651	0	0%
<i>Utilities</i>	9	9	100%	\$13,500,000	\$13,500,000	100%	176	176	100%
<b>Total</b>	<b>8,317</b>	<b>144</b>	<b>2%</b>	<b>\$857,033,420</b>	<b>\$26,664,013</b>	<b>3%</b>	<b>25,701</b>	<b>756</b>	<b>3%</b>

- |   | Yes                                 | No                                  |
|---|-------------------------------------|-------------------------------------|
| 1. Do you know where your greatest damages may occur in your hazard areas?  | <input checked="" type="checkbox"/> |                                     |
| 2. Do you know whether your critical facilities will be operational after a hazard event?   | <input checked="" type="checkbox"/> |                                     |
| 3. Is there enough data to determine which assets are subject to the greatest potential damages?  | <input checked="" type="checkbox"/> |                                     |
| 4. Is there enough data to determine whether significant elements of the community are vulnerable to potential hazards?   | <input checked="" type="checkbox"/> |                                     |
| 5. Is there enough data to determine whether certain areas of historic, environmental, political, or cultural significance are vulnerable to potential hazards? | <input checked="" type="checkbox"/> |                                     |
| 6. Is there concern about a particular hazard because of its severity, repetitiveness, or likelihood of occurrence?   | <input checked="" type="checkbox"/> |                                     |
| 7. Is additional data needed to justify the expenditure of community or state funds for mitigation initiatives?   |                                     | <input checked="" type="checkbox"/> |

**Hazard: Thunderstorm**

Type of Structure (Occupancy Class)	Number of Structures			Value of Structures			Number of People		
	# in Community or State	# in Hazard Area	% in Hazard Area	\$ in Community or State	\$ in Hazard Area	% in Hazard Area	# in Community or State	# in Hazard Area	% in Hazard Area
<i>Residential</i>	7,541	7,541	100%	\$720,165,500	\$7,201,655	1%	16,895	16,895	100%
<i>Commercial</i>	226	226	100%	\$56,500,000	\$565,000	1%	1,632	1,632	100%
<i>Industrial</i>	0	0	0%	\$0	\$0	1%	0	0	100%
<i>Agricultural</i>	471	471	100%	\$6,367,920	\$63,679	1%	712	715	100%
<i>Religious/Non-Profit</i>	50	50	100%	\$7,500,000	\$75,000	1%	2,500	2,500	100%
<i>Government</i>	15	15	100%	\$22,500,000	\$225,000	1%	1,135	1,135	100%
<i>Education</i>	5	5	100%	\$30,500,000	\$305,000	1%	2,651	2,651	100%
<i>Utilities</i>	9	9	100%	\$13,500,000	\$135,000	1%	176	176	100%
<b>Total</b>	<b>8,317</b>	<b>8,317</b>	<b>100%</b>	<b>\$857,033,420</b>	<b>\$8,570,334</b>	<b>1%</b>	<b>25,701</b>	<b>25,704</b>	<b>100%</b>

- |   | Yes | No |
|---|-----|----|
| 1. Do you know where your greatest damages may occur in your hazard areas?  | X   |    |
| 2. Do you know whether your critical facilities will be operational after a hazard event?   | X   |    |
| 3. Is there enough data to determine which assets are subject to the greatest potential damages?  | X   |    |
| 4. Is there enough data to determine whether significant elements of the community are vulnerable to potential hazards?   | X   |    |
| 5. Is there enough data to determine whether certain areas of historic, environmental, political, or cultural significance are vulnerable to potential hazards? | X   |    |
| 6. Is there concern about a particular hazard because of its severity, repetitiveness, or likelihood of occurrence?   | X   |    |
| 7. Is additional data needed to justify the expenditure of community or state funds for mitigation initiatives?   |     | X  |

**Hazard: Wildfire**

Type of Structure (Occupancy Class)	Number of Structures			Value of Structures			Number of People		
	# in Community or State	# in Hazard Area	% in Hazard Area	\$ in Community or State	\$ in Hazard Area	% in Hazard Area	# in Community or State	# in Hazard Area	% in Hazard Area
<i>Residential</i>	7,541	4,890	65%	\$720,165,500	\$468,107,575	65%	16,895	10,982	65%
<i>Commercial</i>	226	50	22%	\$56,500,000	\$12,430,000	22%	1,632	359	22%
<i>Industrial</i>	0	0	0%	\$0	\$0	0%	0	0	0%
<i>Agricultural</i>	471	471	100%	\$6,367,920	\$6,367,920	100%	712	712	100%
<i>Religious/Non-Profit</i>	50	32	64%	\$7,500,000	\$4,800,000	64%	2,500	1,600	64%
<i>Government</i>	15	0	0%	\$22,500,000	\$0	0%	1,135	0	0%
<i>Education</i>	5	1	20%	\$30,500,000	\$6,100,000	20%	2,651	530	20%
<i>Utilities</i>	9	5	56%	\$13,500,000	\$7,560,000	56%	176	99	56%
<b>Total</b>	<b>8,317</b>	<b>5,449</b>	<b>66%</b>	<b>\$857,033,420</b>	<b>\$505,365,495</b>	<b>59%</b>	<b>25,701</b>	<b>14,282</b>	<b>56%</b>

- |   | Yes | No |
|---|-----|----|
| 1. Do you know where your greatest damages may occur in your hazard areas?  | X   |    |
| 2. Do you know whether your critical facilities will be operational after a hazard event?   | X   |    |
| 3. Is there enough data to determine which assets are subject to the greatest potential damages?  | X   |    |
| 4. Is there enough data to determine whether significant elements of the community are vulnerable to potential hazards?   | X   |    |
| 5. Is there enough data to determine whether certain areas of historic, environmental, political, or cultural significance are vulnerable to potential hazards? | X   |    |
| 6. Is there concern about a particular hazard because of its severity, repetitiveness, or likelihood of occurrence?   | X   |    |
| 7. Is additional data needed to justify the expenditure of community or state funds for mitigation initiatives?   |     | X  |

**Hazard: Wind**

Type of Structure (Occupancy Class)	Number of Structures			Value of Structures			Number of People		
	# in Community or State	# in Hazard Area	% in Hazard Area	\$ in Community or State	\$ in Hazard Area	% in Hazard Area	# in Community or State	# in Hazard Area	% in Hazard Area
<i>Residential</i>	7,541	7,541	100%	\$720,165,500	\$14,403,310	2%	16,895	16,895	100%
<i>Commercial</i>	226	226	100%	\$56,500,000	\$1,130,000	2%	1,632	1,632	100%
<i>Industrial</i>	0	0	0%	\$0	\$0	2%	0	0	100%
<i>Agricultural</i>	471	471	100%	\$6,367,920	\$127,358	2%	712	715	100%
<i>Religious/Non-Profit</i>	50	50	100%	\$7,500,000	\$150,000	2%	2,500	2,500	100%
<i>Government</i>	15	15	100%	\$22,500,000	\$450,000	2%	1,135	1,135	100%
<i>Education</i>	5	5	100%	\$30,500,000	\$610,000	2%	2,651	2,651	100%
<i>Utilities</i>	9	9	100%	\$13,500,000	\$270,000	2%	176	176	100%
<b>Total</b>	<b>8,317</b>	<b>8,317</b>	<b>100%</b>	<b>\$857,033,420</b>	<b>\$17,140,668</b>	<b>2%</b>	<b>25,701</b>	<b>25,704</b>	<b>100%</b>

- |   | Yes | No |
|---|-----|----|
| 1. Do you know where your greatest damages may occur in your hazard areas?  | X   |    |
| 2. Do you know whether your critical facilities will be operational after a hazard event?   | X   |    |
| 3. Is there enough data to determine which assets are subject to the greatest potential damages?  | X   |    |
| 4. Is there enough data to determine whether significant elements of the community are vulnerable to potential hazards?   | X   |    |
| 5. Is there enough data to determine whether certain areas of historic, environmental, political, or cultural significance are vulnerable to potential hazards? | X   |    |
| 6. Is there concern about a particular hazard because of its severity, repetitiveness, or likelihood of occurrence?   | X   |    |
| 7. Is additional data needed to justify the expenditure of community or state funds for mitigation initiatives?   |     | X  |

**Hazard: Winter Storm**

Type of Structure (Occupancy Class)	Number of Structures			Value of Structures			Number of People		
	# in Community or State	# in Hazard Area	% in Hazard Area	\$ in Community or State	\$ in Hazard Area	% in Hazard Area	# in Community or State	# in Hazard Area	% in Hazard Area
<i>Residential</i>	7,541	7,541	100%	\$720,165,500	\$10,802,483	2%	16,895	16,895	100%
<i>Commercial</i>	226	226	100%	\$56,500,000	\$847,500	2%	1,632	1,632	100%
<i>Industrial</i>	0	0	0%	\$0	\$0	2%	0	0	100%
<i>Agricultural</i>	471	471	100%	\$6,367,920	\$95,519	2%	712	715	100%
<i>Religious/Non-Profit</i>	50	50	100%	\$7,500,000	\$112,500	2%	2,500	2,500	100%
<i>Government</i>	15	15	100%	\$22,500,000	\$337,500	2%	1,135	1,135	100%
<i>Education</i>	5	5	100%	\$30,500,000	\$457,500	2%	2,651	2,651	100%
<i>Utilities</i>	9	9	100%	\$13,500,000	\$202,500	2%	176	176	100%
<b>Total</b>	<b>8,317</b>	<b>8,317</b>	<b>100%</b>	<b>\$857,033,420</b>	<b>\$12,855,501</b>	<b>2%</b>	<b>25,701</b>	<b>25,704</b>	<b>100%</b>

- |   | Yes | No |
|---|-----|----|
| 1. Do you know where your greatest damages may occur in your hazard areas?  | X   |    |
| 2. Do you know whether your critical facilities will be operational after a hazard event?   | X   |    |
| 3. Is there enough data to determine which assets are subject to the greatest potential damages?  | X   |    |
| 4. Is there enough data to determine whether significant elements of the community are vulnerable to potential hazards?   | X   |    |
| 5. Is there enough data to determine whether certain areas of historic, environmental, political, or cultural significance are vulnerable to potential hazards? | X   |    |
| 6. Is there concern about a particular hazard because of its severity, repetitiveness, or likelihood of occurrence?   | X   |    |
| 7. Is additional data needed to justify the expenditure of community or state funds for mitigation initiatives?   |     | X  |

**Hazard: Dam Failure**

<b>Structure Loss (Task A.1.)</b>					
<b>Name/Description of Structure</b>	<b>Structure Replacement Value (Step 3) (\$)</b>	<b>X</b>	<b>Percent Damage (Step 4) (%)</b>	<b>=</b>	<b>Loss to Structure (\$)</b>
Flemington Town Hall	\$2,000,000.00	X	10	=	\$200,000.00
Grafton City Hall	\$2,750,000.00	X	65	=	\$1,787,500.00
Taylor County Courthouse	\$3,500,000.00	X	40	=	\$1,400,000.00
Bridges	\$215,000,000.00	X	10	=	\$21,500,000.00
Railroads	\$190,000,000.00	X	30	=	\$57,000,000.00
Roads	\$950,000,000.00	X	5	=	\$47,500,000.00
Roy Airfield	\$450,000.00	X	0	=	\$0.00
Allegheny Power	\$1,005,000.00	X	50	=	\$502,500.00
Bowie Gas	\$375,000.00	X	50	=	\$187,500.00
Grafton Wastewater Treatment Plant	\$4,225,000.00	X	65	=	\$2,746,300.00
Equitable Gas	\$415,000.00	X	50	=	\$207,500.00
Equitrans Gas	\$405,000.00	X	50	=	\$202,500.00
Haymond Public Service District	\$1,750,000.00	X	10	=	\$175,000.00
Mountain View Water Association	\$3,750,000.00	X	85	=	\$3,187,500.00
Southwestern Public Service District	\$1,000,000.00	X	5	=	\$50,000.00
Taylor County Public Service District	\$6,475,000.00	X	35	=	\$2,266,300.00
Time Warner Cable	\$950,000.00	X	40	=	\$380,000.00
West Side Communications	\$775,000.00	X	10	=	\$77,500.00
West Virginia Division of Highways	\$350,000.00	X	25	=	\$87,500.00
CSX Police Department	\$305,000.00	X	65	=	\$198,300.00
Flemington Volunteer Fire Department	\$575,000.00	X	5	=	\$28,800.00
Grafton Fire Department	\$800,000.00	X	75	=	\$600,000.00
Grafton Police Department	\$315,000.00	X	75	=	\$236,300.00
Pruntytown Correctional Center	\$4,800,000.00	X	35	=	\$1,680,000.00
Taylor County Emergency Communications Center - 911	\$1,550,000.00	X	0	=	\$0.00
Taylor County Emergency Operations Center	\$150,000.00	X	50	=	\$75,000.00
Taylor County Jail	\$775,000.00	X	50	=	\$387,500.00
Taylor County Office of Emergency Services	\$500,000.00	X	50	=	\$250,000.00

<b>Contents Loss (Task A.2.)</b>				
<b>Replacement Value of Contents (Step 3) (\$)</b>	<b>X</b>	<b>Percent Damage (step 4) (%)</b>	<b>=</b>	<b>Loss to Contents (\$)</b>
\$225,000.00	X	25	=	\$56,300.00
\$375,000.00	X	80	=	\$300,000.00
\$600,000.00	X	50	=	\$300,000.00
\$0.00	X	0	=	\$0.00
\$0.00	X	0	=	\$0.00
\$0.00	X	0	=	\$0.00
\$0.00	X	0	=	\$0.00
\$155,000.00	X	75	=	\$116,300.00
\$175,000.00	X	75	=	\$131,300.00
\$3,850,000.00	X	80	=	\$3,080,000.00
\$210,000.00	X	75	=	\$157,500.00
\$185,000.00	X	75	=	\$138,800.00
\$1,250,000.00	X	25	=	\$312,500.00
\$2,950,000.00	X	90	=	\$2,655,000.00
\$4,000,000.00	X	25	=	\$1,000,000.00
\$6,450,000.00	X	60	=	\$3,870,000.00
\$225,000.00	X	50	=	\$112,500.00
\$200,000.00	X	25	=	\$50,000.00
\$580,000.00	X	50	=	\$290,000.00
\$110,000.00	X	85	=	\$93,500.00
\$525,000.00	X	25	=	\$131,300.00
\$725,000.00	X	85	=	\$616,300.00
\$310,000.00	X	85	=	\$263,500.00
\$375,000.00	X	65	=	\$243,800.00
\$2,675,000.00	X	0	=	\$0.00
\$350,000.00	X	75	=	\$262,500.00
\$150,000.00	X	75	=	\$112,500.00
\$180,000.00	X	75	=	\$135,000.00

Name/Description of Structure	Structure Replacement Value (Step 3) (\$)	X	Percent Damage (Step 4) (%)	=	Loss to Structure (\$)
Taylor County Sheriff's Department	\$675,000.00	X	50	=	\$337,500.00
Thornton Fire Department	\$410,000.00	X	10	=	\$41,000.00
River Valley Chapter of ARC	\$375,000.00	X	50	=	\$187,500.00
Salvation Army	\$290,000.00	X	35	=	\$101,500.00
United States Army Reserve Corp. 363rd Military Police	\$615,000.00	X	10	=	\$61,500.00
West Virginia State Police	\$750,000.00	X	45	=	\$337,500.00
Alliance Personal Care Home	\$355,000.00	X	85	=	\$301,800.00
Beulahland Personal Care	\$315,000.00	X	85	=	\$267,800.00
County Living	\$300,000.00	X	85	=	\$255,000.00
Eldercare Resources	\$310,000.00	X	65	=	\$201,500.00
Flemington Emergency Medical Services	\$50,000.00	X	10	=	\$5,000.00
Grafton City Hospital	\$25,750,000.00	X	5	=	\$1,287,500.00
Grafton Emergency Medical Services	\$80,000.00	X	80	=	\$64,000.00
Hospice Care Corporation	\$2,550,000.00	X	65	=	\$1,657,500.00
Lighthouse Manor	\$1,750,000.00	X	60	=	\$1,050,000.00
Medical Center of Taylor County	\$5,950,000.00	X	80	=	\$4,760,000.00
Rosewood Nursing & Rehabilitation Center	\$3,500,000.00	X	65	=	\$2,275,000.00
Taylor County Emergency Medical Services	\$300,000.00	X	85	=	\$255,000.00
Taylor County Senior Citizen's Association	\$975,000.00	X	85	=	\$828,800.00
Tygart Valley Total Care Clinic	\$4,500,000.00	X	85	=	\$3,825,000.00
Valley Health Care System	\$2,000,000.00	X	85	=	\$1,700,000.00
Anna Jarvis Elementary School	\$2,850,000.00	X	90	=	\$2,565,000.00
Fellowship Christian Academy	\$2,650,000.00	X	50	=	\$1,325,000.00
Flemington Elementary School	\$3,050,000.00	X	10	=	\$305,000.00
Grafton High School	\$14,500,000.00	X	90	=	\$13,050,000.00
Hepzibah Elementary School	\$1,225,000.00	X	5	=	\$61,300.00
Mr. Vernon Elementary School	\$1,650,000.00	X	5	=	\$82,500.00
New Testament Christian Academy	\$1,000,000.00	X	10	=	\$100,000.00
Taylor County Middle School	\$6,575,000.00	X	65	=	\$4,273,800.00
Taylor County Vocational Center	\$8,500,000.00	X	80	=	\$6,800,000.00

Replacement Value of Contents (Step 3) (\$)	X	Percent Damage (step 4) (%)	=	Loss to Contents (\$)
\$135,000.00	X	75	=	\$101,300.00
\$355,000.00	X	25	=	\$88,800.00
\$110,000.00	X	75	=	\$82,500.00
\$75,000.00	X	60	=	\$45,000.00
\$650,000.00	X	25	=	\$162,500.00
\$180,000.00	X	60	=	\$108,000.00
\$75,000.00	X	90	=	\$67,500.00
\$60,000.00	X	90	=	\$54,000.00
\$55,000.00	X	90	=	\$49,500.00
\$65,000.00	X	80	=	\$52,000.00
\$160,000.00	X	25	=	\$40,000.00
\$13,750,000.00	X	20	=	\$2,750,000.00
\$210,000.00	X	90	=	\$189,000.00
\$450,000.00	X	80	=	\$360,000.00
\$70,000.00	X	75	=	\$52,500.00
\$765,000.00	X	90	=	\$688,500.00
\$325,000.00	X	85	=	\$276,300.00
\$350,000.00	X	90	=	\$315,000.00
\$200,000.00	X	90	=	\$180,000.00
\$310,000.00	X	90	=	\$279,000.00
\$295,000.00	X	90	=	\$265,500.00
\$250,000.00	X	90	=	\$225,000.00
\$175,000.00	X	65	=	\$113,800.00
\$200,000.00	X	25	=	\$50,000.00
\$355,000.00	X	90	=	\$319,500.00
\$155,000.00	X	20	=	\$31,000.00
\$160,000.00	X	20	=	\$32,000.00
\$145,000.00	X	25	=	\$36,300.00
\$305,000.00	X	75	=	\$228,800.00
\$395,000.00	X	90	=	\$355,500.00

Name/Description of Structure	Structure Replacement Value (Step 3) (\$)	X	Percent Damage (Step 4) (%)	=	Loss to Structure (\$)
West Taylor Elementary School	\$3,250,000.00	X	10	=	\$325,000.00
Bryans Hardware	\$425,000.00	X	70	=	\$297,500.00
Builders Service & Supply Company	\$500,000.00	X	65	=	\$325,000.00
Crislip Motor Lodge	\$375,000.00	X	55	=	\$206,300.00
Dyna Mix, Inc.	\$525,000.00	X	70	=	\$367,500.00
Dyna Tech Adhesives, Inc.	\$850,000.00	X	70	=	\$595,000.00
Estel Machine Company	\$650,000.00	X	65	=	\$422,500.00
Glenn Enterprises	\$775,000.00	X	70	=	\$542,500.00
Grafton County Club Road Industrial Site	\$7,550,000.00	X	80	=	\$6,040,000.00
Grafton Homes, Inc.	\$225,000.00	X	90	=	\$202,500.00
Grafton Motel	\$985,000.00	X	65	=	\$640,300.00
Grafton Truss & Panel Company	\$895,000.00	X	85	=	\$760,800.00
Harmon Shopping Center	\$5,150,000.00	X	50	=	\$2,575,000.00
Hart Industries	\$2,000,000.00	X	75	=	\$1,500,000.00
Jerry Run Industrial Park	\$8,550,000.00	X	5	=	\$427,500.00
K&P Machine Service	\$995,000.00	X	65	=	\$646,800.00
Knotts Industrial Site	\$5,450,000.00	X	45	=	\$2,452,500.00
Main Street Printers, Inc.	\$550,000.00	X	50	=	\$275,000.00
Mountaineer Custom Cartridge	\$675,000.00	X	60	=	\$405,000.00
Mountaineer Power Equipment	\$345,000.00	X	55	=	\$189,800.00
Packaging Corporation of America	\$865,000.00	X	75	=	\$648,800.00
Refuse Control Systems	\$475,000.00	X	75	=	\$356,300.00
Rex-Hide Industries, Inc.	\$1,750,000.00	X	80	=	\$1,400,000.00
RRHAMCO, Inc.	\$1,450,000.00	X	75	=	\$1,087,500.00
Taylor County Board of Education	\$3,650,000.00	X	70	=	\$2,555,000.00
Taylor County Development Authority	\$2,225,000.00	X	75	=	\$1,668,800.00
Taylor County Fairgrounds	\$650,000.00	X	35	=	\$227,500.00
Taylor County Supply Company	\$395,000.00	X	50	=	\$197,500.00
Taylor County Workshop	\$775,000.00	X	60	=	\$465,000.00
Thorns Excavating	\$650,000.00	X	65	=	\$422,500.00
Tygart Lake Dam	\$18,500,000.00	X	100	=	\$18,500,000.00
Tygart Lake Resort Properties	\$3,775,000.00	X	90	=	\$3,397,500.00
Vanco Welding & Repair, Inc.	\$1,125,000.00	X	75	=	\$843,800.00
Walmart Associates	\$3,850,000.00	X	45	=	\$1,732,500.00

Replacement Value of Contents (Step 3) (\$)	X	Percent Damage (step 4) (%)	=	Loss to Contents (\$)
\$230,000.00	X	25	=	\$57,500.00
\$220,000.00	X	85	=	\$187,000.00
\$750,000.00	X	75	=	\$562,500.00
\$175,000.00	X	75	=	\$131,300.00
\$310,000.00	X	90	=	\$279,000.00
\$280,000.00	X	90	=	\$252,000.00
\$250,000.00	X	85	=	\$212,500.00
\$275,000.00	X	90	=	\$247,500.00
\$850,000.00	X	95	=	\$807,500.00
\$540,000.00	X	95	=	\$513,000.00
\$265,000.00	X	80	=	\$212,000.00
\$415,000.00	X	90	=	\$373,500.00
\$1,500,000.00	X	65	=	\$975,000.00
\$575,000.00	X	90	=	\$517,500.00
\$2,000,000.00	X	20	=	\$400,000.00
\$350,000.00	X	80	=	\$280,000.00
\$795,000.00	X	75	=	\$596,300.00
\$125,000.00	X	70	=	\$87,500.00
\$210,000.00	X	80	=	\$168,000.00
\$635,000.00	X	70	=	\$444,500.00
\$410,000.00	X	90	=	\$369,000.00
\$205,000.00	X	90	=	\$184,500.00
\$375,000.00	X	95	=	\$356,300.00
\$415,000.00	X	80	=	\$332,000.00
\$150,000.00	X	90	=	\$135,000.00
\$115,000.00	X	90	=	\$103,500.00
\$50,000.00	X	60	=	\$30,000.00
\$325,000.00	X	70	=	\$227,500.00
\$255,000.00	X	75	=	\$191,300.00
\$545,000.00	X	80	=	\$436,000.00
\$0.00	X	0	=	\$0.00
\$650,000.00	X	95	=	\$617,500.00
\$200,000.00	X	90	=	\$180,000.00
\$1,750,000.00	X	65	=	\$1,137,500.00

Name/Description of Structure	Structure Replacement Value (Step 3) (\$)	X	Percent Damage (Step 4) (%)	=	Loss to Structure (\$)
West Taylor County Industrial Site	\$6,750,000.00	X	10	=	\$675,000.00
West Virginia Department of Corrections	\$1,200,000.00	X	50	=	\$600,000.00
West Virginia Paving, Inc.	\$425,000.00	X	45	=	\$191,300.00
Flemington Post Office	\$410,000.00	X	5	=	\$20,500.00
Grafton Post Office	\$525,000.00	X	75	=	\$393,800.00
Rosemont Post Office	\$210,000.00	X	5	=	\$10,500.00
Simpson Post Office	\$275,000.00	X	5	=	\$13,800.00
Thornton Post Office	\$200,000.00	X	40	=	\$80,000.00
Taylor County Public Library	\$580,000.00	X	65	=	\$377,000.00
Andrews Methodist Church	\$210,000.00	X	35	=	\$73,500.00
Anna Jarvis Birthplace Museum	\$225,000.00	X	85	=	\$191,300.00
B&O Railroad Station	\$550,000.00	X	85	=	\$467,500.00
Clelland House	\$195,000.00	X	60	=	\$117,000.00
Grafton National Cemetery	\$1,525,000.00	X	80	=	\$1,220,000.00
Grafton Downtown Commercial Historic District	\$4,500,000.00	X	60	=	\$2,700,000.00
					<b>\$251,106,900.00</b>

Replacement Value of Contents (Step 3) (\$)	X	Percent Damage (step 4) (%)	=	Loss to Contents (\$)
\$2,450,000.00	X	25	=	\$612,500.00
\$750,000.00	X	65	=	\$487,500.00
\$195,000.00	X	65	=	\$126,800.00
\$110,000.00	X	20	=	\$22,000.00
\$140,000.00	X	90	=	\$126,000.00
\$80,000.00	X	20	=	\$16,000.00
\$95,000.00	X	20	=	\$19,000.00
\$90,000.00	X	60	=	\$54,000.00
\$220,000.00	X	80	=	\$176,000.00
\$65,000.00	X	60	=	\$39,000.00
\$110,000.00	X	90	=	\$99,000.00
\$90,000.00	X	90	=	\$81,000.00
\$70,000.00	X	85	=	\$59,500.00
\$65,000.00	X	90	=	\$58,500.00
\$1,350,000.00	X	85	=	\$1,147,500.00
				<b>\$36,755,900.00</b>

**Hazard: Dam Failure**

Structure Use and Function Loss (Task A.3.)										
Name/Description of Structure	Average Daily Operating Budget (Step 3) (\$)	X	Functional Downtime (Step 4)	+	Displacement Cost per Day (Step 3)	X	Displacement Time (Step 4)	=	Structure Use & Function Loss (\$)	Structure Loss + Content Loss + Function Loss (\$)
			(# of days)		(\$)		(\$)		(\$)	
Flemington Town Hall	\$550.00	X	0	+	\$55.00	X	0	=	\$0.00	\$256,300.00
Grafton City Hall	\$800.00	X	5	+	\$80.00	X	180	=	\$18,400.00	\$2,105,900.00
Taylor County Courthouse	\$950.00	X	5	+	\$95.00	X	60	=	\$10,450.00	\$1,710,450.00
Bridges	\$0.00	X	180	+	\$0.00	X	730	=	\$0.00	\$21,500,000.00
Railroads	\$0.00	X	365	+	\$0.00	X	730	=	\$0.00	\$57,000,000.00
Roads	\$0.00	X	365	+	\$0.00	X	730	=	\$0.00	\$47,500,000.00
Roy Airfield	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Allegheny Power	\$12,000.00	X	60	+	\$6,000.00	X	180	=	\$1,800,000.00	\$2,418,800.00
Bowie Gas	\$7,000.00	X	60	+	\$4,550.00	X	180	=	\$1,239,000.00	\$1,557,800.00
Grafton Wastewater Treatment Plant	\$5,000.00	X	180	+	\$3,250.00	X	365	=	\$2,086,250.00	\$7,912,550.00
Equitable Gas	\$9,000.00	X	60	+	\$5,200.00	X	180	=	\$1,476,000.00	\$1,841,000.00
Equitrans Gas	\$8,000.00	X	60	+	\$4,950.00	X	180	=	\$1,371,000.00	\$1,712,300.00
Haymond Public Service District	\$900.00	X	0	+	\$615.00	X	0	=	\$0.00	\$487,500.00
Mountain View Water Association	\$2,450.00	X	180	+	\$1,550.00	X	365	=	\$1,006,750.00	\$6,849,250.00
Southwestern Public Service District	\$2,400.00	X	0	+	\$1,440.00	X	0	=	\$0.00	\$1,050,000.00
Taylor County Public Service District	\$4,000.00	X	60	+	\$3,150.00	X	180	=	\$807,000.00	\$6,943,300.00
Time Warner Cable	\$6,000.00	X	30	+	\$4,200.00	X	90	=	\$558,000.00	\$1,050,500.00
West Side Communications	\$3,250.00	X	0	+	\$2,275.00	X	0	=	\$0.00	\$127,500.00
West Virginia Division of Highways	\$850.00	X	30	+	\$360.00	X	90	=	\$57,900.00	\$435,400.00
CSX Police Department	\$310.00	X	90	+	\$170.00	X	180	=	\$58,500.00	\$350,300.00
Flemington Volunteer Fire Department	\$275.00	X	0	+	\$155.00	X	0	=	\$0.00	\$160,100.00
Grafton Fire Department	\$400.00	X	180	+	\$220.00	X	365	=	\$152,300.00	\$1,368,600.00
Grafton Police Department	\$650.00	X	180	+	\$357.00	X	365	=	\$247,305.00	\$747,105.00
Pruntytown Correctional Center	\$850.00	X	30	+	\$553.00	X	90	=	\$75,270.00	\$1,999,070.00
Taylor County Emergency Communications Center - 911	\$150.00	X	0	+	\$300.00	X	0	=	\$0.00	\$0.00
Taylor County Emergency Operations Center	\$315.00	X	90	+	\$350.00	X	180	=	\$91,350.00	\$428,850.00
Taylor County Jail	\$450.00	X	90	+	\$540.00	X	180	=	\$137,700.00	\$637,700.00
Taylor County Office of Emergency Services	\$375.00	X	90	+	\$415.00	X	180	=	\$108,450.00	\$493,450.00

Name/Description of Structure	Average Daily Operating Budget (Step 3) (\$)	X	Functional Downtime (Step 4) (# of days)	+	Displacement Cost per Day (Step 3) (\$)	X	Displacement Time (Step 4) (\$)	=	Structure Use & Function Loss (\$)	Structure Loss + Content Loss + Function Loss (\$)
Taylor County Sheriff's Department	\$710.00	X	90	+	\$785.00	X	180	=	\$205,200.00	\$644,000.00
Thornton Fire Department	\$215.00	X	0	+	\$260.00	X	0	=	\$0.00	\$129,800.00
River Valley Chapter of ARC	\$310.00	X	90	+	\$210.00	X	180	=	\$65,700.00	\$335,700.00
Salvation Army	\$175.00	X	30	+	\$115.00	X	60	=	\$12,150.00	\$158,650.00
United States Army Reserve Corp. 363rd Military Police	\$845.00	X	0	+	\$635.00	X	0	=	\$0.00	\$224,000.00
West Virginia State Police	\$965.00	X	60	+	\$920.00	X	90	=	\$140,700.00	\$586,200.00
Alliance Personal Care Home	\$1,400.00	X	180	+	\$1,540.00	X	365	=	\$814,100.00	\$1,183,400.00
Beulahland Personal Care	\$900.00	X	180	+	\$990.00	X	365	=	\$523,350.00	\$845,150.00
County Living	\$625.00	X	180	+	\$690.00	X	365	=	\$364,350.00	\$668,850.00
Eldercare Resources	\$4,000.00	X	90	+	\$4,400.00	X	180	=	\$1,152,000.00	\$1,405,500.00
Flemington Emergency Medical Services	\$150.00	X	0	+	\$185.00	X	0	=	\$0.00	\$45,000.00
Grafton City Hospital	\$18,000.00	X	0	+	\$27,000.00	X	0	=	\$0.00	\$4,037,500.00
Grafton Emergency Medical Services	\$195.00	X	0	+	\$215.00	X	0	=	\$0.00	\$253,000.00
Hospice Care Corporation	\$1,375.00	X	0	+	\$1,725.00	X	0	=	\$0.00	\$2,017,500.00
Lighthouse Manor	\$750.00	X	0	+	\$825.00	X	0	=	\$0.00	\$1,102,500.00
Medical Center of Taylor County	\$1,425.00	X	0	+	\$1,560.00	X	0	=	\$0.00	\$5,448,500.00
Rosewood Nursing & Rehabilitation Center	\$1,150.00	X	0	+	\$1,265.00	X	0	=	\$0.00	\$2,551,300.00
Taylor County Emergency Medical Services	\$210.00	X	0	+	\$230.00	X	0	=	\$0.00	\$570,000.00
Taylor County Senior Citizen's Association	\$345.00	X	0	+	\$260.00	X	0	=	\$0.00	\$1,008,800.00
Tygart Valley Total Care Clinic	\$1,275.00	X	0	+	\$1,420.00	X	0	=	\$0.00	\$4,104,000.00
Valley Health Care System	\$1,200.00	X	0	+	\$1,320.00	X	0	=	\$0.00	\$1,965,500.00
Anna Jarvis Elementary School	\$750.00	X	0	+	\$940.00	X	0	=	\$0.00	\$2,790,000.00
Fellowship Christian Academy	\$510.00	X	0	+	\$640.00	X	0	=	\$0.00	\$1,438,800.00
Flemington Elementary School	\$655.00	X	0	+	\$820.00	X	0	=	\$0.00	\$355,000.00
Grafton High School	\$1,100.00	X	0	+	\$1,375.00	X	0	=	\$0.00	\$13,369,500.00
Hepzibah Elementary School	\$495.00	X	0	+	\$620.00	X	0	=	\$0.00	\$92,300.00
Mr. Vernon Elementary School	\$480.00	X	0	+	\$600.00	X	0	=	\$0.00	\$114,500.00
New Testament Christian Academy	\$500.00	X	0	+	\$625.00	X	0	=	\$0.00	\$136,300.00
Taylor County Middle School	\$985.00	X	0	+	\$1,235.00	X	0	=	\$0.00	\$4,502,600.00
Taylor County Vocational Center	\$935.00	X	0	+	\$1,170.00	X	0	=	\$0.00	\$7,155,500.00

Name/Description of Structure	Average Daily Operating Budget (Step 3) (\$)	X	Functional Downtime (Step 4) (# of days)	+	Displacement Cost per Day (Step 3) (\$)	X	Displacement Time (Step 4) (\$)	=	Structure Use & Function Loss (\$)	Structure Loss + Content Loss + Function Loss (\$)
West Taylor Elementary School	\$625.00	X	0	+	\$785.00	X	0	=	\$0.00	\$382,500.00
Bryans Hardware	\$760.00	X	0	+	\$460.00	X	0	=	\$0.00	\$484,500.00
Builders Service & Supply Company	\$2,500.00	X	0	+	\$1,550.00	X	0	=	\$0.00	\$887,500.00
Crislip Motor Lodge	\$1,095.00	X	0	+	\$880.00	X	0	=	\$0.00	\$337,600.00
Dyna Mix, Inc.	\$2,450.00	X	0	+	\$1,845.00	X	0	=	\$0.00	\$646,500.00
Dyna Tech Adhesives, Inc.	\$2,645.00	X	0	+	\$2,125.00	X	0	=	\$0.00	\$847,000.00
Estel Machine Company	\$1,250.00	X	0	+	\$1,000.00	X	0	=	\$0.00	\$635,000.00
Glenn Enterprises	\$9,000.00	X	0	+	\$6,850.00	X	0	=	\$0.00	\$790,000.00
Grafton County Club Road Industrial Site	\$5,650.00	X	0	+	\$4,520.00	X	0	=	\$0.00	\$6,847,500.00
Grafton Homes, Inc.	\$3,675.00	X	0	+	\$3,200.00	X	0	=	\$0.00	\$715,500.00
Grafton Motel	\$1,325.00	X	0	+	\$1,300.00	X	0	=	\$0.00	\$852,300.00
Grafton Truss & Panel Company	\$1,890.00	X	0	+	\$1,606.00	X	0	=	\$0.00	\$1,134,300.00
Harmon Shopping Center	\$2,850.00	X	0	+	\$2,280.00	X	0	=	\$0.00	\$3,550,000.00
Hart Industries	\$3,150.00	X	0	+	\$2,680.00	X	0	=	\$0.00	\$2,017,500.00
Jerry Run Industrial Park	\$4,500.00	X	0	+	\$3,825.00	X	0	=	\$0.00	\$827,500.00
K&P Machine Service	\$1,200.00	X	0	+	\$780.00	X	0	=	\$0.00	\$926,800.00
Knotts Industrial Site	\$4,250.00	X	0	+	\$3,615.00	X	0	=	\$0.00	\$3,048,800.00
Main Street Printers, Inc.	\$375.00	X	0	+	\$300.00	X	0	=	\$0.00	\$362,500.00
Mountaineer Custom Cartridge	\$410.00	X	0	+	\$350.00	X	0	=	\$0.00	\$573,000.00
Mountaineer Power Equipment	\$750.00	X	0	+	\$638.00	X	0	=	\$0.00	\$634,300.00
Packaging Corporation of America	\$1,165.00	X	0	+	\$990.00	X	0	=	\$0.00	\$1,017,800.00
Refuse Control Systems	\$895.00	X	0	+	\$761.00	X	0	=	\$0.00	\$540,800.00
Rex-Hide Industries, Inc.	\$11,500.00	X	0	+	\$10,350.00	X	0	=	\$0.00	\$1,756,300.00
RRHAMCO, Inc.	\$3,100.00	X	0	+	\$2,635.00	X	0	=	\$0.00	\$1,419,500.00
Taylor County Board of Education	\$8,250.00	X	0	+	\$5,363.00	X	0	=	\$0.00	\$2,690,000.00
Taylor County Development Authority	\$950.00	X	0	+	\$715.00	X	0	=	\$0.00	\$1,772,300.00
Taylor County Fairgrounds	\$180.00	X	0	+	\$90.00	X	0	=	\$0.00	\$257,500.00
Taylor County Supply Company	\$950.00	X	0	+	\$810.00	X	0	=	\$0.00	\$425,000.00
Taylor County Workshop	\$685.00	X	0	+	\$514.00	X	0	=	\$0.00	\$656,300.00
Thorns Excavating	\$1,150.00	X	0	+	\$863.00	X	0	=	\$0.00	\$858,500.00
Tygart Lake Dam	\$1,785.00	X	0	+	\$2,677.00	X	0	=	\$0.00	\$18,500,000.00
Tygart Lake Resort Properties	\$250.00	X	0	+	\$200.00	X	0	=	\$0.00	\$4,015,000.00
Vanco Welding & Repair, Inc.	\$1,075.00	X	0	+	\$914.00	X	0	=	\$0.00	\$1,023,800.00
Walmart Associates	\$21,000.00	X	0	+	\$17,850.00	X	0	=	\$0.00	\$2,870,000.00

Name/Description of Structure	Average Daily Operating Budget (Step 3) (\$)	X	Functional Downtime (Step 4) (# of days)	+	Displacement Cost per Day (Step 3) (\$)	X	Displacement Time (Step 4) (\$)	=	Structure Use & Function Loss (\$)	Structure Loss + Content Loss + Function Loss (\$)
West Taylor County Industrial Site	\$3,950.00	X	0	+	\$3,350.00	X	0	=	\$0.00	\$1,287,500.00
West Virginia Department of Corrections	\$10,000.00	X	0	+	\$8,500.00	X	0	=	\$0.00	\$1,087,500.00
West Virginia Paving, Inc.	\$1,150.00	X	0	+	\$920.00	X	0	=	\$0.00	\$318,100.00
Flemington Post Office	\$265.00	X	0	+	\$240.00	X	0	=	\$0.00	\$42,500.00
Grafton Post Office	\$310.00	X	0	+	\$280.00	X	0	=	\$0.00	\$519,800.00
Rosemont Post Office	\$215.00	X	0	+	\$195.00	X	0	=	\$0.00	\$26,500.00
Simpson Post Office	\$225.00	X	0	+	\$205.00	X	0	=	\$0.00	\$32,800.00
Thornton Post Office	\$210.00	X	0	+	\$190.00	X	0	=	\$0.00	\$134,000.00
Taylor County Public Library	\$625.00	X	0	+	\$565.00	X	0	=	\$0.00	\$553,000.00
Andrews Methodist Church	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$112,500.00
Anna Jarvis Birthplace Museum	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$290,300.00
B&O Railroad Station	\$415.00	X	0	+	\$353.00	X	0	=	\$0.00	\$548,500.00
Clelland House	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$176,500.00
Grafton National Cemetery	\$270.00	X	0	+	\$180.00	X	0	=	\$0.00	\$1,278,500.00
Grafton Downtown Commercial Historic District	\$2,055.00	X	0	+	\$1,335.00	X	0	=	\$0.00	\$3,847,500.00
									<b>\$14,579,200.00</b>	<b>\$302,442,000.00</b>

Hazard: Drought

Structure Loss (Task A.1.)					
Name/Description of Structure	Structure Replacement Value (Step 3) (\$)	X	Percent Damage (Step 4) (%)	=	Loss to Structure (\$)
Flemington Town Hall	\$2,000,000.00	X	0	=	\$0.00
Grafton City Hall	\$2,750,000.00	X	0	=	\$0.00
Taylor County Courthouse	\$3,500,000.00	X	0	=	\$0.00
Bridges	\$215,000,000.00	X	0	=	\$0.00
Railroads	\$190,000,000.00	X	0	=	\$0.00
Roads	\$950,000,000.00	X	0	=	\$0.00
Roy Airfield	\$450,000.00	X	0	=	\$0.00
Allegheny Power	\$1,005,000.00	X	0	=	\$0.00
Bowie Gas	\$375,000.00	X	0	=	\$0.00
Grafton Wastewater Treatment Plant	\$4,225,000.00	X	0	=	\$0.00
Equitable Gas	\$415,000.00	X	0	=	\$0.00
Equitrans Gas	\$405,000.00	X	0	=	\$0.00
Haymond Public Service District	\$1,750,000.00	X	0	=	\$0.00
Mountain View Water Association	\$3,750,000.00	X	0	=	\$0.00
Southwestern Public Service District	\$1,000,000.00	X	0	=	\$0.00
Taylor County Public Service District	\$6,475,000.00	X	0	=	\$0.00
Time Warner Cable	\$950,000.00	X	0	=	\$0.00
West Side Communications	\$775,000.00	X	0	=	\$0.00
West Virginia Division of Highways	\$350,000.00	X	0	=	\$0.00
CSX Police Department	\$305,000.00	X	0	=	\$0.00
Flemington Volunteer Fire Department	\$575,000.00	X	0	=	\$0.00
Grafton Fire Department	\$800,000.00	X	0	=	\$0.00
Grafton Police Department	\$315,000.00	X	0	=	\$0.00
Pruntytown Correctional Center	\$4,800,000.00	X	0	=	\$0.00
Taylor County Emergency Communications Center - 911	\$1,550,000.00	X	0	=	\$0.00
Taylor County Emergency Operations Center	\$150,000.00	X	0	=	\$0.00
Taylor County Jail	\$775,000.00	X	0	=	\$0.00
Taylor County Office of Emergency Services	\$500,000.00	X	0	=	\$0.00

Contents Loss (Task A.2.)				
Replacement Value of Contents (Step 3) (\$)	X	Percent Damage (step 4) (%)	=	Loss to Contents (\$)
\$225,000.00	X	0	=	\$0.00
\$375,000.00	X	0	=	\$0.00
\$600,000.00	X	0	=	\$0.00
\$0.00	X	0	=	\$0.00
\$0.00	X	0	=	\$0.00
\$0.00	X	0	=	\$0.00
\$0.00	X	0	=	\$0.00
\$155,000.00	X	0	=	\$0.00
\$175,000.00	X	0	=	\$0.00
\$3,850,000.00	X	0	=	\$0.00
\$210,000.00	X	0	=	\$0.00
\$185,000.00	X	0	=	\$0.00
\$1,250,000.00	X	0	=	\$0.00
\$2,950,000.00	X	0	=	\$0.00
\$4,000,000.00	X	0	=	\$0.00
\$6,450,000.00	X	0	=	\$0.00
\$225,000.00	X	0	=	\$0.00
\$200,000.00	X	0	=	\$0.00
\$580,000.00	X	0	=	\$0.00
\$110,000.00	X	0	=	\$0.00
\$525,000.00	X	0	=	\$0.00
\$725,000.00	X	0	=	\$0.00
\$310,000.00	X	0	=	\$0.00
\$375,000.00	X	0	=	\$0.00
\$2,675,000.00	X	0	=	\$0.00
\$350,000.00	X	0	=	\$0.00
\$150,000.00	X	0	=	\$0.00
\$180,000.00	X	0	=	\$0.00

Name/Description of Structure	Structure Replacement Value (Step 3) (\$)	X	Percent Damage (Step 4) (%)	=	Loss to Structure (\$)
Taylor County Sheriff's Department	\$675,000.00	X	0	=	\$0.00
Thornton Fire Department	\$410,000.00	X	0	=	\$0.00
River Valley Chapter of ARC	\$375,000.00	X	0	=	\$0.00
Salvation Army	\$290,000.00	X	0	=	\$0.00
United States Army Reserve Corp. 363rd Military Police	\$615,000.00	X	0	=	\$0.00
West Virginia State Police	\$750,000.00	X	0	=	\$0.00
Alliance Personal Care Home	\$355,000.00	X	0	=	\$0.00
Beulahland Personal Care	\$315,000.00	X	0	=	\$0.00
County Living	\$300,000.00	X	0	=	\$0.00
Eldercare Resources	\$310,000.00	X	0	=	\$0.00
Flemington Emergency Medical Services	\$50,000.00	X	0	=	\$0.00
Grafton City Hospital	\$25,750,000.00	X	0	=	\$0.00
Grafton Emergency Medical Services	\$80,000.00	X	0	=	\$0.00
Hospice Care Corporation	\$2,550,000.00	X	0	=	\$0.00
Lighthouse Manor	\$1,750,000.00	X	0	=	\$0.00
Medical Center of Taylor County	\$5,950,000.00	X	0	=	\$0.00
Rosewood Nursing & Rehabilitation Center	\$3,500,000.00	X	0	=	\$0.00
Taylor County Emergency Medical Services	\$300,000.00	X	0	=	\$0.00
Taylor County Senior Citizen's Association	\$975,000.00	X	0	=	\$0.00
Tygart Valley Total Care Clinic	\$4,500,000.00	X	0	=	\$0.00
Valley Health Care System	\$2,000,000.00	X	0	=	\$0.00
Anna Jarvis Elementary School	\$2,850,000.00	X	0	=	\$0.00
Fellowship Christian Academy	\$2,650,000.00	X	0	=	\$0.00
Flemington Elementary School	\$3,050,000.00	X	0	=	\$0.00
Grafton High School	\$14,500,000.00	X	0	=	\$0.00
Hepzibah Elementary School	\$1,225,000.00	X	0	=	\$0.00
Mr. Vernon Elementary School	\$1,650,000.00	X	0	=	\$0.00
New Testament Christian Academy	\$1,000,000.00	X	0	=	\$0.00
Taylor County Middle School	\$6,575,000.00	X	0	=	\$0.00
Taylor County Vocational Center	\$8,500,000.00	X	0	=	\$0.00

Replacement Value of Contents (Step 3) (\$)	X	Percent Damage (step 4) (%)	=	Loss to Contents (\$)
\$135,000.00	X	0	=	\$0.00
\$355,000.00	X	0	=	\$0.00
\$110,000.00	X	0	=	\$0.00
\$75,000.00	X	0	=	\$0.00
\$650,000.00	X	0	=	\$0.00
\$180,000.00	X	0	=	\$0.00
\$75,000.00	X	0	=	\$0.00
\$60,000.00	X	0	=	\$0.00
\$55,000.00	X	0	=	\$0.00
\$65,000.00	X	0	=	\$0.00
\$160,000.00	X	0	=	\$0.00
\$13,750,000.00	X	0	=	\$0.00
\$210,000.00	X	0	=	\$0.00
\$450,000.00	X	0	=	\$0.00
\$70,000.00	X	0	=	\$0.00
\$765,000.00	X	0	=	\$0.00
\$325,000.00	X	0	=	\$0.00
\$350,000.00	X	0	=	\$0.00
\$200,000.00	X	0	=	\$0.00
\$310,000.00	X	0	=	\$0.00
\$295,000.00	X	0	=	\$0.00
\$250,000.00	X	0	=	\$0.00
\$175,000.00	X	0	=	\$0.00
\$200,000.00	X	0	=	\$0.00
\$355,000.00	X	0	=	\$0.00
\$155,000.00	X	0	=	\$0.00
\$160,000.00	X	0	=	\$0.00
\$145,000.00	X	0	=	\$0.00
\$305,000.00	X	0	=	\$0.00
\$395,000.00	X	0	=	\$0.00

Name/Description of Structure	Structure Replacement Value (Step 3) (\$)	X	Percent Damage (Step 4) (%)	=	Loss to Structure (\$)
West Taylor Elementary School	\$3,250,000.00	X	0	=	\$0.00
Bryans Hardware	\$425,000.00	X	0	=	\$0.00
Builders Service & Supply Company	\$500,000.00	X	0	=	\$0.00
Crislip Motor Lodge	\$375,000.00	X	0	=	\$0.00
Dyna Mix, Inc.	\$525,000.00	X	0	=	\$0.00
Dyna Tech Adhesives, Inc.	\$850,000.00	X	0	=	\$0.00
Estel Machine Company	\$650,000.00	X	0	=	\$0.00
Glenn Enterprises	\$775,000.00	X	0	=	\$0.00
Grafton County Club Road Industrial Site	\$7,550,000.00	X	0	=	\$0.00
Grafton Homes, Inc.	\$225,000.00	X	0	=	\$0.00
Grafton Motel	\$985,000.00	X	0	=	\$0.00
Grafton Truss & Panel Company	\$895,000.00	X	0	=	\$0.00
Harmon Shopping Center	\$5,150,000.00	X	0	=	\$0.00
Hart Industries	\$2,000,000.00	X	0	=	\$0.00
Jerry Run Industrial Park	\$8,550,000.00	X	0	=	\$0.00
K&P Machine Service	\$995,000.00	X	0	=	\$0.00
Knotts Industrial Site	\$5,450,000.00	X	0	=	\$0.00
Main Street Printers, Inc.	\$550,000.00	X	0	=	\$0.00
Mountaineer Custom Cartridge	\$675,000.00	X	0	=	\$0.00
Mountaineer Power Equipment	\$345,000.00	X	0	=	\$0.00
Packaging Corporation of America	\$865,000.00	X	0	=	\$0.00
Refuse Control Systems	\$475,000.00	X	0	=	\$0.00
Rex-Hide Industries, Inc.	\$1,750,000.00	X	0	=	\$0.00
RRHAMCO, Inc.	\$1,450,000.00	X	0	=	\$0.00
Taylor County Board of Education	\$3,650,000.00	X	0	=	\$0.00
Taylor County Development Authority	\$2,225,000.00	X	0	=	\$0.00
Taylor County Fairgrounds	\$650,000.00	X	0	=	\$0.00
Taylor County Supply Company	\$395,000.00	X	0	=	\$0.00
Taylor County Workshop	\$775,000.00	X	0	=	\$0.00
Thorns Excavating	\$650,000.00	X	0	=	\$0.00
Tygart Lake Dam	\$18,500,000.00	X	0	=	\$0.00
Tygart Lake Resort Properties	\$3,775,000.00	X	0	=	\$0.00
Vanco Welding & Repair, Inc.	\$1,125,000.00	X	0	=	\$0.00
Walmart Associates	\$3,850,000.00	X	0	=	\$0.00

Replacement Value of Contents (Step 3) (\$)	X	Percent Damage (step 4) (%)	=	Loss to Contents (\$)
\$230,000.00	X	0	=	\$0.00
\$220,000.00	X	0	=	\$0.00
\$750,000.00	X	0	=	\$0.00
\$175,000.00	X	0	=	\$0.00
\$310,000.00	X	0	=	\$0.00
\$280,000.00	X	0	=	\$0.00
\$250,000.00	X	0	=	\$0.00
\$275,000.00	X	0	=	\$0.00
\$850,000.00	X	0	=	\$0.00
\$540,000.00	X	0	=	\$0.00
\$265,000.00	X	0	=	\$0.00
\$415,000.00	X	0	=	\$0.00
\$1,500,000.00	X	0	=	\$0.00
\$575,000.00	X	0	=	\$0.00
\$2,000,000.00	X	0	=	\$0.00
\$350,000.00	X	0	=	\$0.00
\$795,000.00	X	0	=	\$0.00
\$125,000.00	X	0	=	\$0.00
\$210,000.00	X	0	=	\$0.00
\$635,000.00	X	0	=	\$0.00
\$410,000.00	X	0	=	\$0.00
\$205,000.00	X	0	=	\$0.00
\$375,000.00	X	0	=	\$0.00
\$415,000.00	X	0	=	\$0.00
\$150,000.00	X	0	=	\$0.00
\$115,000.00	X	0	=	\$0.00
\$50,000.00	X	0	=	\$0.00
\$325,000.00	X	0	=	\$0.00
\$255,000.00	X	0	=	\$0.00
\$545,000.00	X	0	=	\$0.00
\$0.00	X	0	=	\$0.00
\$650,000.00	X	0	=	\$0.00
\$200,000.00	X	0	=	\$0.00
\$1,750,000.00	X	0	=	\$0.00

Name/Description of Structure	Structure Replacement Value (Step 3) (\$)	X	Percent Damage (Step 4) (%)	=	Loss to Structure (\$)
West Taylor County Industrial Site	\$6,750,000.00	X	0	=	\$0.00
West Virginia Department of Corrections	\$1,200,000.00	X	0	=	\$0.00
West Virginia Paving, Inc.	\$425,000.00	X	0	=	\$0.00
Flemington Post Office	\$410,000.00	X	0	=	\$0.00
Grafton Post Office	\$525,000.00	X	0	=	\$0.00
Rosemont Post Office	\$210,000.00	X	0	=	\$0.00
Simpson Post Office	\$275,000.00	X	0	=	\$0.00
Thornton Post Office	\$200,000.00	X	0	=	\$0.00
Taylor County Public Library	\$580,000.00	X	0	=	\$0.00
Andrews Methodist Church	\$210,000.00	X	0	=	\$0.00
Anna Jarvis Birthplace Museum	\$225,000.00	X	0	=	\$0.00
B&O Railroad Station	\$550,000.00	X	0	=	\$0.00
Clelland House	\$195,000.00	X	0	=	\$0.00
Grafton National Cemetery	\$1,525,000.00	X	0	=	\$0.00
Grafton Downtown Commercial Historic District	\$4,500,000.00	X	0	=	\$0.00
					<b>\$0.00</b>

Replacement Value of Contents (Step 3) (\$)	X	Percent Damage (step 4) (%)	=	Loss to Contents (\$)
\$2,450,000.00	X	0	=	\$0.00
\$750,000.00	X	0	=	\$0.00
\$195,000.00	X	0	=	\$0.00
\$110,000.00	X	0	=	\$0.00
\$140,000.00	X	0	=	\$0.00
\$80,000.00	X	0	=	\$0.00
\$95,000.00	X	0	=	\$0.00
\$90,000.00	X	0	=	\$0.00
\$220,000.00	X	0	=	\$0.00
\$65,000.00	X	0	=	\$0.00
\$110,000.00	X	0	=	\$0.00
\$90,000.00	X	0	=	\$0.00
\$70,000.00	X	0	=	\$0.00
\$65,000.00	X	0	=	\$0.00
\$1,350,000.00	X	0	=	\$0.00
				<b>\$0.00</b>

Hazard: Drought

Structure Use and Function Loss (Task A.3.)										
Name/Description of Structure	Average Daily Operating Budget (Step 3) (\$)	X	Functional Downtime (Step 4) (# of days)	+	Displacement Cost per Day (Step 3) (\$)	X	Displacement Time (Step 4) (\$)	=	Structure Use & Function Loss (\$)	Structure Loss + Content Loss + Function Loss (\$)
Flemington Town Hall	\$550.00	X	1	+	\$55.00	X	1	=	\$605.00	\$605.00
Grafton City Hall	\$800.00	X	1	+	\$80.00	X	1	=	\$880.00	\$880.00
Taylor County Courthouse	\$950.00	X	1	+	\$95.00	X	1	=	\$1,045.00	\$1,045.00
Bridges	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Railroads	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Roads	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Roy Airfield	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Allegheny Power	\$12,000.00	X	0	+	\$6,000.00	X	0	=	\$0.00	\$0.00
Bowie Gas	\$7,000.00	X	0	+	\$4,550.00	X	0	=	\$0.00	\$0.00
Grafton Wastewater Treatment Plant	\$5,000.00	X	7	+	\$3,250.00	X	7	=	\$57,750.00	\$57,750.00
Equitable Gas	\$9,000.00	X	0	+	\$5,200.00	X	0	=	\$0.00	\$0.00
Equitrans Gas	\$8,000.00	X	0	+	\$4,950.00	X	0	=	\$0.00	\$0.00
Haymond Public Service District	\$900.00	X	7	+	\$615.00	X	7	=	\$10,605.00	\$10,605.00
Mountain View Water Association	\$2,450.00	X	7	+	\$1,550.00	X	7	=	\$28,000.00	\$28,000.00
Southwestern Public Service District	\$2,400.00	X	7	+	\$1,440.00	X	7	=	\$26,880.00	\$26,880.00
Taylor County Public Service District	\$4,000.00	X	7	+	\$3,150.00	X	7	=	\$50,050.00	\$50,050.00
Time Warner Cable	\$6,000.00	X	0	+	\$4,200.00	X	0	=	\$0.00	\$0.00
West Side Communications	\$3,250.00	X	0	+	\$2,275.00	X	0	=	\$0.00	\$0.00
West Virginia Division of Highways	\$850.00	X	0	+	\$360.00	X	0	=	\$0.00	\$0.00
CSX Police Department	\$310.00	X	0	+	\$170.00	X	0	=	\$0.00	\$0.00
Flemington Volunteer Fire Department	\$275.00	X	0	+	\$155.00	X	0	=	\$0.00	\$0.00
Grafton Fire Department	\$400.00	X	0	+	\$220.00	X	0	=	\$0.00	\$0.00
Grafton Police Department	\$650.00	X	0	+	\$357.00	X	0	=	\$0.00	\$0.00
Pruntytown Correctional Center	\$850.00	X	0	+	\$553.00	X	0	=	\$0.00	\$0.00
Taylor County Emergency Communications Center - 911	\$150.00	X	0	+	\$300.00	X	0	=	\$0.00	\$0.00
Taylor County Emergency Operations Center	\$315.00	X	0	+	\$350.00	X	0	=	\$0.00	\$0.00
Taylor County Jail	\$450.00	X	0	+	\$540.00	X	0	=	\$0.00	\$0.00
Taylor County Office of Emergency Services	\$375.00	X	0	+	\$415.00	X	0	=	\$0.00	\$0.00

Name/Description of Structure	Average Daily Operating Budget (Step 3) (\$)	X	Functional Downtime (Step 4) (# of days)	+	Displacement Cost per Day (Step 3) (\$)	X	Displacement Time (Step 4) (\$)	=	Structure Use & Function Loss (\$)	Structure Loss + Content Loss + Function Loss (\$)
Taylor County Sheriff's Department	\$710.00	X	0	+	\$785.00	X	0	=	\$0.00	\$0.00
Thornton Fire Department	\$215.00	X	0	+	\$260.00	X	0	=	\$0.00	\$0.00
River Valley Chapter of ARC	\$310.00	X	0	+	\$210.00	X	0	=	\$0.00	\$0.00
Salvation Army	\$175.00	X	0	+	\$115.00	X	0	=	\$0.00	\$0.00
United States Army Reserve Corp. 363rd Military Police	\$845.00	X	0	+	\$635.00	X	0	=	\$0.00	\$0.00
West Virginia State Police	\$965.00	X	0	+	\$920.00	X	0	=	\$0.00	\$0.00
Alliance Personal Care Home	\$1,400.00	X	0	+	\$1,540.00	X	0	=	\$0.00	\$0.00
Beulahland Personal Care	\$900.00	X	0	+	\$990.00	X	0	=	\$0.00	\$0.00
County Living	\$625.00	X	0	+	\$690.00	X	0	=	\$0.00	\$0.00
Eldercare Resources	\$4,000.00	X	0	+	\$4,400.00	X	0	=	\$0.00	\$0.00
Flemington Emergency Medical Services	\$150.00	X	0	+	\$185.00	X	0	=	\$0.00	\$0.00
Grafton City Hospital	\$18,000.00	X	0	+	\$27,000.00	X	0	=	\$0.00	\$0.00
Grafton Emergency Medical Services	\$195.00	X	0	+	\$215.00	X	0	=	\$0.00	\$0.00
Hospice Care Corporation	\$1,375.00	X	0	+	\$1,725.00	X	0	=	\$0.00	\$0.00
Lighthouse Manor	\$750.00	X	0	+	\$825.00	X	0	=	\$0.00	\$0.00
Medical Center of Taylor County	\$1,425.00	X	0	+	\$1,560.00	X	0	=	\$0.00	\$0.00
Rosewood Nursing & Rehabilitation Center	\$1,150.00	X	0	+	\$1,265.00	X	0	=	\$0.00	\$0.00
Taylor County Emergency Medical Services	\$210.00	X	0	+	\$230.00	X	0	=	\$0.00	\$0.00
Taylor County Senior Citizen's Association	\$345.00	X	0	+	\$260.00	X	0	=	\$0.00	\$0.00
Tygart Valley Total Care Clinic	\$1,275.00	X	0	+	\$1,420.00	X	0	=	\$0.00	\$0.00
Valley Health Care System	\$1,200.00	X	0	+	\$1,320.00	X	0	=	\$0.00	\$0.00
Anna Jarvis Elementary School	\$750.00	X	0	+	\$940.00	X	0	=	\$0.00	\$0.00
Fellowship Christian Academy	\$510.00	X	0	+	\$640.00	X	0	=	\$0.00	\$0.00
Flemington Elementary School	\$655.00	X	0	+	\$820.00	X	0	=	\$0.00	\$0.00
Grafton High School	\$1,100.00	X	0	+	\$1,375.00	X	0	=	\$0.00	\$0.00
Hepzibah Elementary School	\$495.00	X	0	+	\$620.00	X	0	=	\$0.00	\$0.00
Mr. Vernon Elementary School	\$480.00	X	0	+	\$600.00	X	0	=	\$0.00	\$0.00
New Testament Christian Academy	\$500.00	X	0	+	\$625.00	X	0	=	\$0.00	\$0.00
Taylor County Middle School	\$985.00	X	0	+	\$1,235.00	X	0	=	\$0.00	\$0.00
Taylor County Vocational Center	\$935.00	X	0	+	\$1,170.00	X	0	=	\$0.00	\$0.00

Name/Description of Structure	Average Daily Operating Budget (Step 3) (\$)	X	Functional Downtime (Step 4) (# of days)	+	Displacement Cost per Day (Step 3) (\$)	X	Displacement Time (Step 4) (\$)	=	Structure Use & Function Loss (\$)	Structure Loss + Content Loss + Function Loss (\$)
West Taylor Elementary School	\$625.00	X	0	+	\$785.00	X	0	=	\$0.00	\$0.00
Bryans Hardware	\$760.00	X	0	+	\$460.00	X	0	=	\$0.00	\$0.00
Builders Service & Supply Company	\$2,500.00	X	0	+	\$1,550.00	X	0	=	\$0.00	\$0.00
Crislip Motor Lodge	\$1,095.00	X	0	+	\$880.00	X	0	=	\$0.00	\$0.00
Dyna Mix, Inc.	\$2,450.00	X	0	+	\$1,845.00	X	0	=	\$0.00	\$0.00
Dyna Tech Adhesives, Inc.	\$2,645.00	X	0	+	\$2,125.00	X	0	=	\$0.00	\$0.00
Estel Machine Company	\$1,250.00	X	0	+	\$1,000.00	X	0	=	\$0.00	\$0.00
Glenn Enterprises	\$9,000.00	X	0	+	\$6,850.00	X	0	=	\$0.00	\$0.00
Grafton County Club Road Industrial Site	\$5,650.00	X	0	+	\$4,520.00	X	0	=	\$0.00	\$0.00
Grafton Homes, Inc.	\$3,675.00	X	0	+	\$3,200.00	X	0	=	\$0.00	\$0.00
Grafton Motel	\$1,325.00	X	0	+	\$1,300.00	X	0	=	\$0.00	\$0.00
Grafton Truss & Panel Company	\$1,890.00	X	0	+	\$1,606.00	X	0	=	\$0.00	\$0.00
Harmon Shopping Center	\$2,850.00	X	0	+	\$2,280.00	X	0	=	\$0.00	\$0.00
Hart Industries	\$3,150.00	X	0	+	\$2,680.00	X	0	=	\$0.00	\$0.00
Jerry Run Industrial Park	\$4,500.00	X	0	+	\$3,825.00	X	0	=	\$0.00	\$0.00
K&P Machine Service	\$1,200.00	X	0	+	\$780.00	X	0	=	\$0.00	\$0.00
Knotts Industrial Site	\$4,250.00	X	0	+	\$3,615.00	X	0	=	\$0.00	\$0.00
Main Street Printers, Inc.	\$375.00	X	0	+	\$300.00	X	0	=	\$0.00	\$0.00
Mountaineer Custom Cartridge	\$410.00	X	0	+	\$350.00	X	0	=	\$0.00	\$0.00
Mountaineer Power Equipment	\$750.00	X	0	+	\$638.00	X	0	=	\$0.00	\$0.00
Packaging Corporation of America	\$1,165.00	X	0	+	\$990.00	X	0	=	\$0.00	\$0.00
Refuse Control Systems	\$895.00	X	0	+	\$761.00	X	0	=	\$0.00	\$0.00
Rex-Hide Industries, Inc.	\$11,500.00	X	0	+	\$10,350.00	X	0	=	\$0.00	\$0.00
RRHAMCO, Inc.	\$3,100.00	X	0	+	\$2,635.00	X	0	=	\$0.00	\$0.00
Taylor County Board of Education	\$8,250.00	X	0	+	\$5,363.00	X	0	=	\$0.00	\$0.00
Taylor County Development Authority	\$950.00	X	0	+	\$715.00	X	0	=	\$0.00	\$0.00
Taylor County Fairgrounds	\$180.00	X	0	+	\$90.00	X	0	=	\$0.00	\$0.00
Taylor County Supply Company	\$950.00	X	0	+	\$810.00	X	0	=	\$0.00	\$0.00
Taylor County Workshop	\$685.00	X	0	+	\$514.00	X	0	=	\$0.00	\$0.00
Thorns Excavating	\$1,150.00	X	0	+	\$863.00	X	0	=	\$0.00	\$0.00
Tygart Lake Dam	\$1,785.00	X	5	+	\$2,677.00	X	5	=	\$22,310.00	\$22,310.00
Tygart Lake Resort Properties	\$250.00	X	0	+	\$200.00	X	0	=	\$0.00	\$0.00
Vanco Welding & Repair, Inc.	\$1,075.00	X	0	+	\$914.00	X	0	=	\$0.00	\$0.00
Walmart Associates	\$21,000.00	X	0	+	\$17,850.00	X	0	=	\$0.00	\$0.00

Name/Description of Structure	Average Daily Operating Budget (Step 3) (\$)	X	Functional Downtime (Step 4) (# of days)	+	Displacement Cost per Day (Step 3) (\$)	X	Displacement Time (Step 4) (\$)	=	Structure Use & Function Loss (\$)	Structure Loss + Content Loss + Function Loss (\$)
West Taylor County Industrial Site	\$3,950.00	X	0	+	\$3,350.00	X	0	=	\$0.00	\$0.00
West Virginia Department of Corrections	\$10,000.00	X	0	+	\$8,500.00	X	0	=	\$0.00	\$0.00
West Virginia Paving, Inc.	\$1,150.00	X	0	+	\$920.00	X	0	=	\$0.00	\$0.00
Flemington Post Office	\$265.00	X	0	+	\$240.00	X	0	=	\$0.00	\$0.00
Grafton Post Office	\$310.00	X	0	+	\$280.00	X	0	=	\$0.00	\$0.00
Rosemont Post Office	\$215.00	X	0	+	\$195.00	X	0	=	\$0.00	\$0.00
Simpson Post Office	\$225.00	X	0	+	\$205.00	X	0	=	\$0.00	\$0.00
Thornton Post Office	\$210.00	X	0	+	\$190.00	X	0	=	\$0.00	\$0.00
Taylor County Public Library	\$625.00	X	0	+	\$565.00	X	0	=	\$0.00	\$0.00
Andrews Methodist Church	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Anna Jarvis Birthplace Museum	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
B&O Railroad Station	\$415.00	X	0	+	\$353.00	X	0	=	\$0.00	\$0.00
Clelland House	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Grafton National Cemetery	\$270.00	X	0	+	\$180.00	X	0	=	\$0.00	\$0.00
Grafton Downtown Commercial Historic District	\$2,055.00	X	0	+	\$1,335.00	X	0	=	\$0.00	\$0.00
									<b>\$198,100.00</b>	<b>\$198,100.00</b>

**Hazard: Earthquake**

<b>Structure Loss (Task A.1.)</b>					
<b>Name/Description of Structure</b>	<b>Structure Replacement Value (Step 3) (\$)</b>	<b>X</b>	<b>Percent Damage (Step 4) (%)</b>	<b>=</b>	<b>Loss to Structure (\$)</b>
Flemington Town Hall	\$2,000,000.00	X	20	=	\$400,000.00
Grafton City Hall	\$2,750,000.00	X	20	=	\$550,000.00
Taylor County Courthouse	\$3,500,000.00	X	20	=	\$700,000.00
Bridges	\$215,000,000.00	X	10	=	\$21,500,000.00
Railroads	\$190,000,000.00	X	5	=	\$9,500,000.00
Roads	\$950,000,000.00	X	5	=	\$47,500,000.00
Roy Airfield	\$450,000.00	X	20	=	\$90,000.00
Allegheny Power	\$1,005,000.00	X	30	=	\$301,500.00
Bowie Gas	\$375,000.00	X	20	=	\$75,000.00
Grafton Wastewater Treatment Plant	\$4,225,000.00	X	10	=	\$422,500.00
Equitable Gas	\$415,000.00	X	20	=	\$83,000.00
Equitrans Gas	\$405,000.00	X	20	=	\$81,000.00
Haymond Public Service District	\$1,750,000.00	X	10	=	\$175,000.00
Mountain View Water Association	\$3,750,000.00	X	10	=	\$375,000.00
Southwestern Public Service District	\$1,000,000.00	X	10	=	\$100,000.00
Taylor County Public Service District	\$6,475,000.00	X	10	=	\$647,500.00
Time Warner Cable	\$950,000.00	X	30	=	\$285,000.00
West Side Communications	\$775,000.00	X	30	=	\$232,500.00
West Virginia Division of Highways	\$350,000.00	X	30	=	\$105,000.00
CSX Police Department	\$305,000.00	X	30	=	\$91,500.00
Flemington Volunteer Fire Department	\$575,000.00	X	30	=	\$172,500.00
Grafton Fire Department	\$800,000.00	X	30	=	\$240,000.00
Grafton Police Department	\$315,000.00	X	30	=	\$94,500.00
Pruntytown Correctional Center	\$4,800,000.00	X	30	=	\$1,440,000.00
Taylor County Emergency Communications Center - 911	\$1,550,000.00	X	30	=	\$465,000.00
Taylor County Emergency Operations Center	\$150,000.00	X	30	=	\$45,000.00
Taylor County Jail	\$775,000.00	X	30	=	\$232,500.00
Taylor County Office of Emergency Services	\$500,000.00	X	30	=	\$150,000.00

<b>Contents Loss (Task A.2.)</b>				
<b>Replacement Value of Contents (Step 3) (\$)</b>	<b>X</b>	<b>Percent Damage (step 4) (%)</b>	<b>=</b>	<b>Loss to Contents (\$)</b>
\$225,000.00	X	40	=	\$90,000.00
\$375,000.00	X	40	=	\$150,000.00
\$600,000.00	X	40	=	\$240,000.00
\$0.00	X	0	=	\$0.00
\$0.00	X	0	=	\$0.00
\$0.00	X	0	=	\$0.00
\$0.00	X	30	=	\$0.00
\$155,000.00	X	40	=	\$62,000.00
\$175,000.00	X	30	=	\$52,500.00
\$3,850,000.00	X	15	=	\$577,500.00
\$210,000.00	X	30	=	\$63,000.00
\$185,000.00	X	30	=	\$55,500.00
\$1,250,000.00	X	20	=	\$250,000.00
\$2,950,000.00	X	20	=	\$590,000.00
\$4,000,000.00	X	20	=	\$800,000.00
\$6,450,000.00	X	20	=	\$1,290,000.00
\$225,000.00	X	40	=	\$90,000.00
\$200,000.00	X	40	=	\$80,000.00
\$580,000.00	X	40	=	\$232,000.00
\$110,000.00	X	40	=	\$44,000.00
\$525,000.00	X	40	=	\$210,000.00
\$725,000.00	X	40	=	\$290,000.00
\$310,000.00	X	40	=	\$124,000.00
\$375,000.00	X	40	=	\$150,000.00
\$2,675,000.00	X	40	=	\$1,070,000.00
\$350,000.00	X	40	=	\$140,000.00
\$150,000.00	X	40	=	\$60,000.00
\$180,000.00	X	40	=	\$72,000.00

Name/Description of Structure	Structure Replacement Value (Step 3) (\$)	X	Percent Damage (Step 4) (%)	=	Loss to Structure (\$)
Taylor County Sheriff's Department	\$675,000.00	X	30	=	\$202,500.00
Thornton Fire Department	\$410,000.00	X	30	=	\$123,000.00
River Valley Chapter of ARC	\$375,000.00	X	30	=	\$112,500.00
Salvation Army	\$290,000.00	X	30	=	\$87,000.00
United States Army Reserve Corp. 363rd Military Police	\$615,000.00	X	30	=	\$184,500.00
West Virginia State Police	\$750,000.00	X	30	=	\$225,000.00
Alliance Personal Care Home	\$355,000.00	X	30	=	\$106,500.00
Beulahland Personal Care	\$315,000.00	X	30	=	\$94,500.00
County Living	\$300,000.00	X	30	=	\$90,000.00
Eldercare Resources	\$310,000.00	X	30	=	\$93,000.00
Flemington Emergency Medical Services	\$50,000.00	X	30	=	\$15,000.00
Grafton City Hospital	\$25,750,000.00	X	10	=	\$2,575,000.00
Grafton Emergency Medical Services	\$80,000.00	X	30	=	\$24,000.00
Hospice Care Corporation	\$2,550,000.00	X	30	=	\$765,000.00
Lighthouse Manor	\$1,750,000.00	X	30	=	\$525,000.00
Medical Center of Taylor County	\$5,950,000.00	X	20	=	\$1,190,000.00
Rosewood Nursing & Rehabilitation Center	\$3,500,000.00	X	20	=	\$700,000.00
Taylor County Emergency Medical Services	\$300,000.00	X	30	=	\$90,000.00
Taylor County Senior Citizen's Association	\$975,000.00	X	30	=	\$292,500.00
Tygart Valley Total Care Clinic	\$4,500,000.00	X	20	=	\$900,000.00
Valley Health Care System	\$2,000,000.00	X	20	=	\$400,000.00
Anna Jarvis Elementary School	\$2,850,000.00	X	20	=	\$570,000.00
Fellowship Christian Academy	\$2,650,000.00	X	20	=	\$530,000.00
Flemington Elementary School	\$3,050,000.00	X	20	=	\$610,000.00
Grafton High School	\$14,500,000.00	X	20	=	\$2,900,000.00
Hepzibah Elementary School	\$1,225,000.00	X	20	=	\$245,000.00
Mr. Vernon Elementary School	\$1,650,000.00	X	20	=	\$330,000.00
New Testament Christian Academy	\$1,000,000.00	X	20	=	\$200,000.00
Taylor County Middle School	\$6,575,000.00	X	20	=	\$1,315,000.00
Taylor County Vocational Center	\$8,500,000.00	X	20	=	\$1,700,000.00

Replacement Value of Contents (Step 3) (\$)	X	Percent Damage (step 4) (%)	=	Loss to Contents (\$)
\$135,000.00	X	40	=	\$54,000.00
\$355,000.00	X	40	=	\$142,000.00
\$110,000.00	X	40	=	\$44,000.00
\$75,000.00	X	40	=	\$30,000.00
\$650,000.00	X	40	=	\$260,000.00
\$180,000.00	X	40	=	\$72,000.00
\$75,000.00	X	40	=	\$30,000.00
\$60,000.00	X	40	=	\$24,000.00
\$55,000.00	X	40	=	\$22,000.00
\$65,000.00	X	40	=	\$26,000.00
\$160,000.00	X	40	=	\$64,000.00
\$13,750,000.00	X	20	=	\$2,750,000.00
\$210,000.00	X	40	=	\$84,000.00
\$450,000.00	X	40	=	\$180,000.00
\$70,000.00	X	40	=	\$28,000.00
\$765,000.00	X	30	=	\$229,500.00
\$325,000.00	X	30	=	\$97,500.00
\$350,000.00	X	40	=	\$140,000.00
\$200,000.00	X	40	=	\$80,000.00
\$310,000.00	X	30	=	\$93,000.00
\$295,000.00	X	30	=	\$88,500.00
\$250,000.00	X	30	=	\$75,000.00
\$175,000.00	X	30	=	\$52,500.00
\$200,000.00	X	30	=	\$60,000.00
\$355,000.00	X	30	=	\$106,500.00
\$155,000.00	X	30	=	\$46,500.00
\$160,000.00	X	30	=	\$48,000.00
\$145,000.00	X	30	=	\$43,500.00
\$305,000.00	X	30	=	\$91,500.00
\$395,000.00	X	30	=	\$118,500.00

Name/Description of Structure	Structure Replacement Value (Step 3) (\$)	X	Percent Damage (Step 4) (%)	=	Loss to Structure (\$)
West Taylor Elementary School	\$3,250,000.00	X	20	=	\$650,000.00
Bryans Hardware	\$425,000.00	X	30	=	\$127,500.00
Builders Service & Supply Company	\$500,000.00	X	30	=	\$150,000.00
Crislip Motor Lodge	\$375,000.00	X	30	=	\$112,500.00
Dyna Mix, Inc.	\$525,000.00	X	30	=	\$157,500.00
Dyna Tech Adhesives, Inc.	\$850,000.00	X	30	=	\$255,000.00
Estel Machine Company	\$650,000.00	X	30	=	\$195,000.00
Glenn Enterprises	\$775,000.00	X	30	=	\$232,500.00
Grafton County Club Road Industrial Site	\$7,550,000.00	X	20	=	\$1,510,000.00
Grafton Homes, Inc.	\$225,000.00	X	20	=	\$45,000.00
Grafton Motel	\$985,000.00	X	30	=	\$295,500.00
Grafton Truss & Panel Company	\$895,000.00	X	30	=	\$268,500.00
Harmon Shopping Center	\$5,150,000.00	X	20	=	\$1,030,000.00
Hart Industries	\$2,000,000.00	X	30	=	\$600,000.00
Jerry Run Industrial Park	\$8,550,000.00	X	20	=	\$1,710,000.00
K&P Machine Service	\$995,000.00	X	20	=	\$199,000.00
Knotts Industrial Site	\$5,450,000.00	X	20	=	\$1,090,000.00
Main Street Printers, Inc.	\$550,000.00	X	30	=	\$165,000.00
Mountaineer Custom Cartridge	\$675,000.00	X	30	=	\$202,500.00
Mountaineer Power Equipment	\$345,000.00	X	30	=	\$103,500.00
Packaging Corporation of America	\$865,000.00	X	30	=	\$259,500.00
Refuse Control Systems	\$475,000.00	X	30	=	\$142,500.00
Rex-Hide Industries, Inc.	\$1,750,000.00	X	20	=	\$350,000.00
RRHAMCO, Inc.	\$1,450,000.00	X	20	=	\$290,000.00
Taylor County Board of Education	\$3,650,000.00	X	20	=	\$730,000.00
Taylor County Development Authority	\$2,225,000.00	X	20	=	\$445,000.00
Taylor County Fairgrounds	\$650,000.00	X	10	=	\$65,000.00
Taylor County Supply Company	\$395,000.00	X	30	=	\$118,500.00
Taylor County Workshop	\$775,000.00	X	30	=	\$232,500.00
Thorns Excavating	\$650,000.00	X	30	=	\$195,000.00
Tygart Lake Dam	\$18,500,000.00	X	1	=	\$185,000.00
Tygart Lake Resort Properties	\$3,775,000.00	X	20	=	\$755,000.00
Vanco Welding & Repair, Inc.	\$1,125,000.00	X	20	=	\$225,000.00
Walmart Associates	\$3,850,000.00	X	10	=	\$385,000.00

Replacement Value of Contents (Step 3) (\$)	X	Percent Damage (step 4) (%)	=	Loss to Contents (\$)
\$230,000.00	X	30	=	\$69,000.00
\$220,000.00	X	40	=	\$88,000.00
\$750,000.00	X	40	=	\$300,000.00
\$175,000.00	X	40	=	\$70,000.00
\$310,000.00	X	40	=	\$124,000.00
\$280,000.00	X	40	=	\$112,000.00
\$250,000.00	X	40	=	\$100,000.00
\$275,000.00	X	40	=	\$110,000.00
\$850,000.00	X	30	=	\$255,000.00
\$540,000.00	X	30	=	\$162,000.00
\$265,000.00	X	40	=	\$106,000.00
\$415,000.00	X	40	=	\$166,000.00
\$1,500,000.00	X	30	=	\$450,000.00
\$575,000.00	X	40	=	\$230,000.00
\$2,000,000.00	X	30	=	\$600,000.00
\$350,000.00	X	30	=	\$105,000.00
\$795,000.00	X	30	=	\$238,500.00
\$125,000.00	X	40	=	\$50,000.00
\$210,000.00	X	40	=	\$84,000.00
\$635,000.00	X	40	=	\$254,000.00
\$410,000.00	X	40	=	\$164,000.00
\$205,000.00	X	40	=	\$82,000.00
\$375,000.00	X	30	=	\$112,500.00
\$415,000.00	X	30	=	\$124,500.00
\$150,000.00	X	30	=	\$45,000.00
\$115,000.00	X	30	=	\$34,500.00
\$50,000.00	X	20	=	\$10,000.00
\$325,000.00	X	40	=	\$130,000.00
\$255,000.00	X	40	=	\$102,000.00
\$545,000.00	X	40	=	\$218,000.00
\$0.00	X	0	=	\$0.00
\$650,000.00	X	30	=	\$195,000.00
\$200,000.00	X	30	=	\$60,000.00
\$1,750,000.00	X	20	=	\$350,000.00

Name/Description of Structure	Structure Replacement Value (Step 3) (\$)	X	Percent Damage (Step 4) (%)	=	Loss to Structure (\$)
West Taylor County Industrial Site	\$6,750,000.00	X	10	=	\$675,000.00
West Virginia Department of Corrections	\$1,200,000.00	X	20	=	\$240,000.00
West Virginia Paving, Inc.	\$425,000.00	X	30	=	\$127,500.00
Flemington Post Office	\$410,000.00	X	20	=	\$82,000.00
Grafton Post Office	\$525,000.00	X	20	=	\$105,000.00
Rosemont Post Office	\$210,000.00	X	20	=	\$42,000.00
Simpson Post Office	\$275,000.00	X	20	=	\$55,000.00
Thornton Post Office	\$200,000.00	X	20	=	\$40,000.00
Taylor County Public Library	\$580,000.00	X	20	=	\$116,000.00
Andrews Methodist Church	\$210,000.00	X	30	=	\$63,000.00
Anna Jarvis Birthplace Museum	\$225,000.00	X	20	=	\$45,000.00
B&O Railroad Station	\$550,000.00	X	30	=	\$165,000.00
Clelland House	\$195,000.00	X	30	=	\$58,500.00
Grafton National Cemetery	\$1,525,000.00	X	10	=	\$152,500.00
Grafton Downtown Commercial Historic District	\$4,500,000.00	X	30	=	\$1,350,000.00
					<b>\$120,042,500.00</b>

Replacement Value of Contents (Step 3) (\$)	X	Percent Damage (step 4) (%)	=	Loss to Contents (\$)
\$2,450,000.00	X	20	=	\$490,000.00
\$750,000.00	X	30	=	\$225,000.00
\$195,000.00	X	40	=	\$78,000.00
\$110,000.00	X	30	=	\$33,000.00
\$140,000.00	X	30	=	\$42,000.00
\$80,000.00	X	30	=	\$24,000.00
\$95,000.00	X	30	=	\$28,500.00
\$90,000.00	X	30	=	\$27,000.00
\$220,000.00	X	30	=	\$66,000.00
\$65,000.00	X	40	=	\$26,000.00
\$110,000.00	X	30	=	\$33,000.00
\$90,000.00	X	40	=	\$36,000.00
\$70,000.00	X	40	=	\$28,000.00
\$65,000.00	X	20	=	\$13,000.00
\$1,350,000.00	X	40	=	\$540,000.00
				<b>\$18,953,500.00</b>

**Hazard: Earthquake**

Structure Use and Function Loss (Task A.3.)										
Name/Description of Structure	Average Daily Operating Budget (Step 3) (\$)	X	Functional Downtime (Step 4) (# of days)	+	Displacement Cost per Day (Step 3) (\$)	X	Displacement Time (Step 4) (\$)	=	Structure Use & Function Loss (\$)	Structure Loss + Content Loss + Function Loss (\$)
Flemington Town Hall	\$550.00	X	7	+	\$55.00	X	35	=	\$5,775.00	\$495,775.00
Grafton City Hall	\$800.00	X	7	+	\$80.00	X	35	=	\$8,400.00	\$708,400.00
Taylor County Courthouse	\$950.00	X	7	+	\$95.00	X	35	=	\$9,975.00	\$949,975.00
Bridges	\$0.00	X	180	+	\$0.00	X	365	=	\$0.00	\$21,500,000.00
Railroads	\$0.00	X	180	+	\$0.00	X	365	=	\$0.00	\$9,500,000.00
Roads	\$0.00	X	180	+	\$0.00	X	365	=	\$0.00	\$47,500,000.00
Roy Airfield	\$0.00	X	90	+	\$0.00	X	180	=	\$0.00	\$90,000.00
Allegheny Power	\$12,000.00	X	7	+	\$6,000.00	X	20	=	\$204,000.00	\$567,500.00
Bowie Gas	\$7,000.00	X	7	+	\$4,550.00	X	20	=	\$140,000.00	\$267,500.00
Grafton Wastewater Treatment Plant	\$5,000.00	X	2	+	\$3,250.00	X	5	=	\$26,250.00	\$1,026,250.00
Equitable Gas	\$9,000.00	X	7	+	\$5,200.00	X	20	=	\$167,000.00	\$313,000.00
Equitrans Gas	\$8,000.00	X	7	+	\$4,950.00	X	20	=	\$155,000.00	\$291,500.00
Haymond Public Service District	\$900.00	X	2	+	\$615.00	X	5	=	\$4,875.00	\$429,875.00
Mountain View Water Association	\$2,450.00	X	2	+	\$1,550.00	X	5	=	\$12,650.00	\$977,650.00
Southwestern Public Service District	\$2,400.00	X	2	+	\$1,440.00	X	5	=	\$12,000.00	\$912,000.00
Taylor County Public Service District	\$4,000.00	X	2	+	\$3,150.00	X	5	=	\$23,750.00	\$1,961,250.00
Time Warner Cable	\$6,000.00	X	14	+	\$4,200.00	X	35	=	\$231,000.00	\$606,000.00
West Side Communications	\$3,250.00	X	14	+	\$2,275.00	X	35	=	\$125,125.00	\$437,625.00
West Virginia Division of Highways	\$850.00	X	7	+	\$360.00	X	20	=	\$13,150.00	\$350,150.00
CSX Police Department	\$310.00	X	7	+	\$170.00	X	20	=	\$5,570.00	\$141,070.00
Flemington Volunteer Fire Department	\$275.00	X	7	+	\$155.00	X	20	=	\$5,025.00	\$387,525.00
Grafton Fire Department	\$400.00	X	7	+	\$220.00	X	20	=	\$7,200.00	\$537,200.00
Grafton Police Department	\$650.00	X	7	+	\$357.00	X	20	=	\$11,690.00	\$230,190.00
Pruntytown Correctional Center	\$850.00	X	2	+	\$553.00	X	5	=	\$4,465.00	\$1,594,465.00
Taylor County Emergency Communications Center - 911	\$150.00	X	2	+	\$300.00	X	5	=	\$1,800.00	\$1,536,800.00
Taylor County Emergency Operations Center	\$315.00	X	2	+	\$350.00	X	5	=	\$2,380.00	\$187,380.00
Taylor County Jail	\$450.00	X	2	+	\$540.00	X	5	=	\$3,600.00	\$296,100.00
Taylor County Office of Emergency Services	\$375.00	X	7	+	\$415.00	X	20	=	\$10,925.00	\$232,925.00

Name/Description of Structure	Average Daily Operating Budget (Step 3) (\$)	X	Functional Downtime (Step 4) (# of days)	+	Displacement Cost per Day (Step 3) (\$)	X	Displacement Time (Step 4) (\$)	=	Structure Use & Function Loss (\$)	Structure Loss + Content Loss + Function Loss (\$)
Taylor County Sheriff's Department	\$710.00	X	7	+	\$785.00	X	20	=	\$20,670.00	\$277,170.00
Thornton Fire Department	\$215.00	X	7	+	\$260.00	X	20	=	\$6,705.00	\$271,705.00
River Valley Chapter of ARC	\$310.00	X	14	+	\$210.00	X	35	=	\$11,690.00	\$168,190.00
Salvation Army	\$175.00	X	14	+	\$115.00	X	35	=	\$6,475.00	\$123,475.00
United States Army Reserve Corp. 363rd Military Police	\$845.00	X	7	+	\$635.00	X	20	=	\$18,615.00	\$463,115.00
West Virginia State Police	\$965.00	X	7	+	\$920.00	X	20	=	\$25,155.00	\$322,155.00
Alliance Personal Care Home	\$1,400.00	X	14	+	\$1,540.00	X	35	=	\$73,500.00	\$210,000.00
Beulahland Personal Care	\$900.00	X	14	+	\$990.00	X	35	=	\$47,250.00	\$165,750.00
County Living	\$625.00	X	14	+	\$690.00	X	35	=	\$32,900.00	\$144,900.00
Eldercare Resources	\$4,000.00	X	14	+	\$4,400.00	X	35	=	\$210,000.00	\$329,000.00
Flemington Emergency Medical Services	\$150.00	X	7	+	\$185.00	X	20	=	\$4,750.00	\$83,750.00
Grafton City Hospital	\$18,000.00	X	2	+	\$27,000.00	X	5	=	\$171,000.00	\$5,496,000.00
Grafton Emergency Medical Services	\$195.00	X	7	+	\$215.00	X	20	=	\$5,665.00	\$113,665.00
Hospice Care Corporation	\$1,375.00	X	7	+	\$1,725.00	X	20	=	\$44,125.00	\$989,125.00
Lighthouse Manor	\$750.00	X	14	+	\$825.00	X	35	=	\$39,375.00	\$592,375.00
Medical Center of Taylor County	\$1,425.00	X	7	+	\$1,560.00	X	20	=	\$41,175.00	\$1,460,675.00
Rosewood Nursing & Rehabilitation Center	\$1,150.00	X	14	+	\$1,265.00	X	35	=	\$60,375.00	\$857,875.00
Taylor County Emergency Medical Services	\$210.00	X	7	+	\$230.00	X	20	=	\$6,070.00	\$236,070.00
Taylor County Senior Citizen's Association	\$345.00	X	7	+	\$260.00	X	20	=	\$7,615.00	\$380,115.00
Tygart Valley Total Care Clinic	\$1,275.00	X	7	+	\$1,420.00	X	20	=	\$37,325.00	\$1,030,325.00
Valley Health Care System	\$1,200.00	X	7	+	\$1,320.00	X	20	=	\$34,800.00	\$523,300.00
Anna Jarvis Elementary School	\$750.00	X	7	+	\$940.00	X	20	=	\$24,050.00	\$669,050.00
Fellowship Christian Academy	\$510.00	X	7	+	\$640.00	X	20	=	\$16,370.00	\$598,870.00
Flemington Elementary School	\$655.00	X	7	+	\$820.00	X	20	=	\$20,985.00	\$690,985.00
Grafton High School	\$1,100.00	X	7	+	\$1,375.00	X	20	=	\$35,200.00	\$3,041,700.00
Hepzibah Elementary School	\$495.00	X	7	+	\$620.00	X	20	=	\$15,865.00	\$307,365.00
Mr. Vernon Elementary School	\$480.00	X	7	+	\$600.00	X	20	=	\$15,360.00	\$393,360.00
New Testament Christian Academy	\$500.00	X	7	+	\$625.00	X	20	=	\$16,000.00	\$259,500.00
Taylor County Middle School	\$985.00	X	7	+	\$1,235.00	X	20	=	\$31,595.00	\$1,438,095.00
Taylor County Vocational Center	\$935.00	X	7	+	\$1,170.00	X	20	=	\$29,945.00	\$1,848,445.00

Name/Description of Structure	Average Daily Operating Budget (Step 3) (\$)	X	Functional Downtime (Step 4) (# of days)	+	Displacement Cost per Day (Step 3) (\$)	X	Displacement Time (Step 4) (\$)	=	Structure Use & Function Loss (\$)	Structure Loss + Content Loss + Function Loss (\$)
West Taylor Elementary School	\$625.00	X	7	+	\$785.00	X	20	=	\$20,075.00	\$739,075.00
Bryans Hardware	\$760.00	X	14	+	\$460.00	X	35	=	\$26,740.00	\$242,240.00
Builders Service & Supply Company	\$2,500.00	X	14	+	\$1,550.00	X	35	=	\$89,250.00	\$539,250.00
Crislip Motor Lodge	\$1,095.00	X	14	+	\$880.00	X	35	=	\$46,130.00	\$228,630.00
Dyna Mix, Inc.	\$2,450.00	X	7	+	\$1,845.00	X	20	=	\$54,050.00	\$335,550.00
Dyna Tech Adhesives, Inc.	\$2,645.00	X	7	+	\$2,125.00	X	20	=	\$61,015.00	\$428,015.00
Estel Machine Company	\$1,250.00	X	14	+	\$1,000.00	X	35	=	\$52,500.00	\$347,500.00
Glenn Enterprises	\$9,000.00	X	14	+	\$6,850.00	X	35	=	\$365,750.00	\$708,250.00
Grafton County Club Road Industrial Site	\$5,650.00	X	7	+	\$4,520.00	X	20	=	\$129,950.00	\$1,894,950.00
Grafton Homes, Inc.	\$3,675.00	X	14	+	\$3,200.00	X	35	=	\$163,450.00	\$370,450.00
Grafton Motel	\$1,325.00	X	14	+	\$1,300.00	X	35	=	\$64,050.00	\$465,550.00
Grafton Truss & Panel Company	\$1,890.00	X	14	+	\$1,606.00	X	35	=	\$82,670.00	\$517,170.00
Harmon Shopping Center	\$2,850.00	X	14	+	\$2,280.00	X	35	=	\$119,700.00	\$1,599,700.00
Hart Industries	\$3,150.00	X	7	+	\$2,680.00	X	20	=	\$75,650.00	\$905,650.00
Jerry Run Industrial Park	\$4,500.00	X	7	+	\$3,825.00	X	20	=	\$108,000.00	\$2,418,000.00
K&P Machine Service	\$1,200.00	X	14	+	\$780.00	X	35	=	\$44,100.00	\$348,100.00
Knotts Industrial Site	\$4,250.00	X	7	+	\$3,615.00	X	20	=	\$102,050.00	\$1,430,550.00
Main Street Printers, Inc.	\$375.00	X	14	+	\$300.00	X	35	=	\$15,750.00	\$230,750.00
Mountaineer Custom Cartridge	\$410.00	X	14	+	\$350.00	X	35	=	\$17,990.00	\$304,490.00
Mountaineer Power Equipment	\$750.00	X	14	+	\$638.00	X	35	=	\$32,830.00	\$390,330.00
Packaging Corporation of America	\$1,165.00	X	14	+	\$990.00	X	35	=	\$50,960.00	\$474,460.00
Refuse Control Systems	\$895.00	X	14	+	\$761.00	X	35	=	\$39,165.00	\$263,665.00
Rex-Hide Industries, Inc.	\$11,500.00	X	14	+	\$10,350.00	X	35	=	\$523,250.00	\$985,750.00
RRHAMCO, Inc.	\$3,100.00	X	7	+	\$2,635.00	X	20	=	\$74,400.00	\$488,900.00
Taylor County Board of Education	\$8,250.00	X	7	+	\$5,363.00	X	20	=	\$165,010.00	\$940,010.00
Taylor County Development Authority	\$950.00	X	7	+	\$715.00	X	20	=	\$20,950.00	\$500,450.00
Taylor County Fairgrounds	\$180.00	X	7	+	\$90.00	X	20	=	\$3,060.00	\$78,060.00
Taylor County Supply Company	\$950.00	X	14	+	\$810.00	X	35	=	\$41,650.00	\$290,150.00
Taylor County Workshop	\$685.00	X	14	+	\$514.00	X	35	=	\$27,580.00	\$362,080.00
Thorns Excavating	\$1,150.00	X	14	+	\$863.00	X	35	=	\$46,305.00	\$459,305.00
Tygart Lake Dam	\$1,785.00	X	2	+	\$2,677.00	X	0	=	\$3,570.00	\$188,570.00
Tygart Lake Resort Properties	\$250.00	X	14	+	\$200.00	X	35	=	\$10,500.00	\$960,500.00
Vanco Welding & Repair, Inc.	\$1,075.00	X	14	+	\$914.00	X	35	=	\$47,040.00	\$332,040.00
Walmart Associates	\$21,000.00	X	7	+	\$17,850.00	X	20	=	\$504,000.00	\$1,239,000.00

Name/Description of Structure	Average Daily Operating Budget (Step 3) (\$)	X	Functional Downtime (Step 4) (# of days)	+	Displacement Cost per Day (Step 3) (\$)	X	Displacement Time (Step 4) (\$)	=	Structure Use & Function Loss (\$)	Structure Loss + Content Loss + Function Loss (\$)
West Taylor County Industrial Site	\$3,950.00	X	7	+	\$3,350.00	X	20	=	\$94,650.00	\$1,259,650.00
West Virginia Department of Corrections	\$10,000.00	X	7	+	\$8,500.00	X	20	=	\$240,000.00	\$705,000.00
West Virginia Paving, Inc.	\$1,150.00	X	7	+	\$920.00	X	20	=	\$26,450.00	\$231,950.00
Flemington Post Office	\$265.00	X	7	+	\$240.00	X	20	=	\$6,655.00	\$121,655.00
Grafton Post Office	\$310.00	X	7	+	\$280.00	X	20	=	\$7,770.00	\$154,770.00
Rosemont Post Office	\$215.00	X	7	+	\$195.00	X	20	=	\$5,405.00	\$71,405.00
Simpson Post Office	\$225.00	X	7	+	\$205.00	X	20	=	\$5,675.00	\$89,175.00
Thornton Post Office	\$210.00	X	7	+	\$190.00	X	20	=	\$5,270.00	\$72,270.00
Taylor County Public Library	\$625.00	X	7	+	\$565.00	X	20	=	\$15,675.00	\$197,675.00
Andrews Methodist Church	\$0.00	X	14	+	\$0.00	X	35	=	\$0.00	\$89,000.00
Anna Jarvis Birthplace Museum	\$0.00	X	14	+	\$0.00	X	35	=	\$0.00	\$78,000.00
B&O Railroad Station	\$415.00	X	7	+	\$353.00	X	20	=	\$9,965.00	\$210,965.00
Clelland House	\$0.00	X	14	+	\$0.00	X	35	=	\$0.00	\$86,500.00
Grafton National Cemetery	\$270.00	X	7	+	\$180.00	X	20	=	\$5,490.00	\$170,990.00
Grafton Downtown Commercial Historic District	\$2,055.00	X	7	+	\$1,335.00	X	20	=	\$41,085.00	\$1,931,085.00
									<b>\$5,995,400.00</b>	<b>\$144,991,400.00</b>

**Hazard: Flooding**

<b>Structure Loss (Task A.1.)</b>					
<b>Name/Description of Structure</b>	<b>Structure Replacement Value (Step 3) (\$)</b>	<b>X</b>	<b>Percent Damage (Step 4) (%)</b>	<b>=</b>	<b>Loss to Structure (\$)</b>
Flemington Town Hall	\$2,000,000.00	X	5	=	\$100,000.00
Grafton City Hall	\$2,750,000.00	X	25	=	\$687,500.00
Taylor County Courthouse	\$3,500,000.00	X	10	=	\$350,000.00
Bridges	\$215,000,000.00	X	5	=	\$10,750,000.00
Railroads	\$190,000,000.00	X	25	=	\$47,500,000.00
Roads	\$950,000,000.00	X	2	=	\$19,000,000.00
Roy Airfield	\$450,000.00	X	5	=	\$22,500.00
Allegheny Power	\$1,005,000.00	X	20	=	\$201,000.00
Bowie Gas	\$375,000.00	X	10	=	\$37,500.00
Grafton Wastewater Treatment Plant	\$4,225,000.00	X	20	=	\$845,000.00
Equitable Gas	\$415,000.00	X	10	=	\$41,500.00
Equitrans Gas	\$405,000.00	X	10	=	\$40,500.00
Haymond Public Service District	\$1,750,000.00	X	15	=	\$262,500.00
Mountain View Water Association	\$3,750,000.00	X	20	=	\$750,000.00
Southwestern Public Service District	\$1,000,000.00	X	10	=	\$100,000.00
Taylor County Public Service District	\$6,475,000.00	X	20	=	\$1,295,000.00
Time Warner Cable	\$950,000.00	X	20	=	\$190,000.00
West Side Communications	\$775,000.00	X	10	=	\$77,500.00
West Virginia Division of Highways	\$350,000.00	X	15	=	\$52,500.00
CSX Police Department	\$305,000.00	X	20	=	\$61,000.00
Flemington Volunteer Fire Department	\$575,000.00	X	5	=	\$28,800.00
Grafton Fire Department	\$800,000.00	X	25	=	\$200,000.00
Grafton Police Department	\$315,000.00	X	25	=	\$78,800.00
Pruntytown Correctional Center	\$4,800,000.00	X	10	=	\$480,000.00
Taylor County Emergency Communications Center - 911	\$1,550,000.00	X	10	=	\$155,000.00
Taylor County Emergency Operations Center	\$150,000.00	X	10	=	\$15,000.00
Taylor County Jail	\$775,000.00	X	10	=	\$77,500.00
Taylor County Office of Emergency Services	\$500,000.00	X	20	=	\$100,000.00

<b>Contents Loss (Task A.2.)</b>				
<b>Replacement Value of Contents (Step 3) (\$)</b>	<b>X</b>	<b>Percent Damage (step 4) (%)</b>	<b>=</b>	<b>Loss to Contents (\$)</b>
\$225,000.00	X	15	=	\$33,800.00
\$375,000.00	X	40	=	\$150,000.00
\$600,000.00	X	20	=	\$120,000.00
\$0.00	X	0	=	\$0.00
\$0.00	X	0	=	\$0.00
\$0.00	X	0	=	\$0.00
\$0.00	X	0	=	\$0.00
\$155,000.00	X	30	=	\$46,500.00
\$175,000.00	X	20	=	\$35,000.00
\$3,850,000.00	X	30	=	\$1,155,000.00
\$210,000.00	X	20	=	\$42,000.00
\$185,000.00	X	20	=	\$37,000.00
\$1,250,000.00	X	25	=	\$312,500.00
\$2,950,000.00	X	30	=	\$885,000.00
\$4,000,000.00	X	20	=	\$800,000.00
\$6,450,000.00	X	30	=	\$1,935,000.00
\$225,000.00	X	30	=	\$67,500.00
\$200,000.00	X	20	=	\$40,000.00
\$580,000.00	X	25	=	\$145,000.00
\$110,000.00	X	30	=	\$33,000.00
\$525,000.00	X	15	=	\$78,800.00
\$725,000.00	X	40	=	\$290,000.00
\$310,000.00	X	40	=	\$124,000.00
\$375,000.00	X	20	=	\$75,000.00
\$2,675,000.00	X	20	=	\$535,000.00
\$350,000.00	X	20	=	\$70,000.00
\$150,000.00	X	20	=	\$30,000.00
\$180,000.00	X	30	=	\$54,000.00

Name/Description of Structure	Structure Replacement Value (Step 3) (\$)	X	Percent Damage (Step 4) (%)	=	Loss to Structure (\$)
Taylor County Sheriff's Department	\$675,000.00	X	20	=	\$135,000.00
Thornton Fire Department	\$410,000.00	X	10	=	\$41,000.00
River Valley Chapter of ARC	\$375,000.00	X	10	=	\$37,500.00
Salvation Army	\$290,000.00	X	20	=	\$58,000.00
United States Army Reserve Corp. 363rd Military Police	\$615,000.00	X	10	=	\$61,500.00
West Virginia State Police	\$750,000.00	X	15	=	\$112,500.00
Alliance Personal Care Home	\$355,000.00	X	20	=	\$71,000.00
Beulahland Personal Care	\$315,000.00	X	10	=	\$31,500.00
County Living	\$300,000.00	X	20	=	\$60,000.00
Eldercare Resources	\$310,000.00	X	10	=	\$31,000.00
Flemington Emergency Medical Services	\$50,000.00	X	10	=	\$5,000.00
Grafton City Hospital	\$25,750,000.00	X	5	=	\$1,287,500.00
Grafton Emergency Medical Services	\$80,000.00	X	20	=	\$16,000.00
Hospice Care Corporation	\$2,550,000.00	X	15	=	\$382,500.00
Lighthouse Manor	\$1,750,000.00	X	20	=	\$350,000.00
Medical Center of Taylor County	\$5,950,000.00	X	15	=	\$892,500.00
Rosewood Nursing & Rehabilitation Center	\$3,500,000.00	X	20	=	\$700,000.00
Taylor County Emergency Medical Services	\$300,000.00	X	20	=	\$60,000.00
Taylor County Senior Citizen's Association	\$975,000.00	X	20	=	\$195,000.00
Tygart Valley Total Care Clinic	\$4,500,000.00	X	20	=	\$900,000.00
Valley Health Care System	\$2,000,000.00	X	20	=	\$400,000.00
Anna Jarvis Elementary School	\$2,850,000.00	X	25	=	\$712,500.00
Fellowship Christian Academy	\$2,650,000.00	X	15	=	\$397,500.00
Flemington Elementary School	\$3,050,000.00	X	5	=	\$152,500.00
Grafton High School	\$14,500,000.00	X	30	=	\$4,350,000.00
Hepzibah Elementary School	\$1,225,000.00	X	10	=	\$122,500.00
Mr. Vernon Elementary School	\$1,650,000.00	X	15	=	\$247,500.00
New Testament Christian Academy	\$1,000,000.00	X	15	=	\$150,000.00
Taylor County Middle School	\$6,575,000.00	X	20	=	\$1,315,000.00
Taylor County Vocational Center	\$8,500,000.00	X	20	=	\$1,700,000.00

Replacement Value of Contents (Step 3) (\$)	X	Percent Damage (step 4) (%)	=	Loss to Contents (\$)
\$135,000.00	X	30	=	\$40,500.00
\$355,000.00	X	20	=	\$71,000.00
\$110,000.00	X	20	=	\$22,000.00
\$75,000.00	X	30	=	\$22,500.00
\$650,000.00	X	20	=	\$130,000.00
\$180,000.00	X	25	=	\$45,000.00
\$75,000.00	X	30	=	\$22,500.00
\$60,000.00	X	20	=	\$12,000.00
\$55,000.00	X	30	=	\$16,500.00
\$65,000.00	X	20	=	\$13,000.00
\$160,000.00	X	20	=	\$32,000.00
\$13,750,000.00	X	15	=	\$2,062,500.00
\$210,000.00	X	30	=	\$63,000.00
\$450,000.00	X	25	=	\$112,500.00
\$70,000.00	X	30	=	\$21,000.00
\$765,000.00	X	25	=	\$191,300.00
\$325,000.00	X	30	=	\$97,500.00
\$350,000.00	X	30	=	\$105,000.00
\$200,000.00	X	30	=	\$60,000.00
\$310,000.00	X	30	=	\$93,000.00
\$295,000.00	X	30	=	\$88,500.00
\$250,000.00	X	40	=	\$100,000.00
\$175,000.00	X	25	=	\$43,800.00
\$200,000.00	X	10	=	\$20,000.00
\$355,000.00	X	60	=	\$213,000.00
\$155,000.00	X	20	=	\$31,000.00
\$160,000.00	X	25	=	\$40,000.00
\$145,000.00	X	25	=	\$36,300.00
\$305,000.00	X	30	=	\$91,500.00
\$395,000.00	X	30	=	\$118,500.00

Name/Description of Structure	Structure Replacement Value (Step 3) (\$)	X	Percent Damage (Step 4) (%)	=	Loss to Structure (\$)
West Taylor Elementary School	\$3,250,000.00	X	10	=	\$325,000.00
Bryans Hardware	\$425,000.00	X	15	=	\$63,800.00
Builders Service & Supply Company	\$500,000.00	X	20	=	\$100,000.00
Crislip Motor Lodge	\$375,000.00	X	15	=	\$56,300.00
Dyna Mix, Inc.	\$525,000.00	X	15	=	\$78,800.00
Dyna Tech Adhesives, Inc.	\$850,000.00	X	20	=	\$170,000.00
Estel Machine Company	\$650,000.00	X	20	=	\$130,000.00
Glenn Enterprises	\$775,000.00	X	20	=	\$155,000.00
Grafton County Club Road Industrial Site	\$7,550,000.00	X	20	=	\$1,510,000.00
Grafton Homes, Inc.	\$225,000.00	X	30	=	\$67,500.00
Grafton Motel	\$985,000.00	X	15	=	\$147,800.00
Grafton Truss & Panel Company	\$895,000.00	X	20	=	\$179,000.00
Harmon Shopping Center	\$5,150,000.00	X	15	=	\$772,500.00
Hart Industries	\$2,000,000.00	X	15	=	\$300,000.00
Jerry Run Industrial Park	\$8,550,000.00	X	5	=	\$427,500.00
K&P Machine Service	\$995,000.00	X	15	=	\$149,300.00
Knotts Industrial Site	\$5,450,000.00	X	10	=	\$545,000.00
Main Street Printers, Inc.	\$550,000.00	X	15	=	\$82,500.00
Mountaineer Custom Cartridge	\$675,000.00	X	15	=	\$101,300.00
Mountaineer Power Equipment	\$345,000.00	X	20	=	\$69,000.00
Packaging Corporation of America	\$865,000.00	X	20	=	\$173,000.00
Refuse Control Systems	\$475,000.00	X	20	=	\$95,000.00
Rex-Hide Industries, Inc.	\$1,750,000.00	X	20	=	\$350,000.00
RRHAMCO, Inc.	\$1,450,000.00	X	20	=	\$290,000.00
Taylor County Board of Education	\$3,650,000.00	X	25	=	\$912,500.00
Taylor County Development Authority	\$2,225,000.00	X	20	=	\$445,000.00
Taylor County Fairgrounds	\$650,000.00	X	10	=	\$65,000.00
Taylor County Supply Company	\$395,000.00	X	15	=	\$59,300.00
Taylor County Workshop	\$775,000.00	X	20	=	\$155,000.00
Thorns Excavating	\$650,000.00	X	15	=	\$97,500.00
Tygart Lake Dam	\$18,500,000.00	X	2	=	\$370,000.00
Tygart Lake Resort Properties	\$3,775,000.00	X	30	=	\$1,132,500.00
Vanco Welding & Repair, Inc.	\$1,125,000.00	X	20	=	\$225,000.00
Walmart Associates	\$3,850,000.00	X	10	=	\$385,000.00

Replacement Value of Contents (Step 3) (\$)	X	Percent Damage (step 4) (%)	=	Loss to Contents (\$)
\$230,000.00	X	25	=	\$57,500.00
\$220,000.00	X	25	=	\$55,000.00
\$750,000.00	X	30	=	\$225,000.00
\$175,000.00	X	25	=	\$43,800.00
\$310,000.00	X	25	=	\$77,500.00
\$280,000.00	X	30	=	\$84,000.00
\$250,000.00	X	30	=	\$75,000.00
\$275,000.00	X	30	=	\$82,500.00
\$850,000.00	X	30	=	\$255,000.00
\$540,000.00	X	50	=	\$270,000.00
\$265,000.00	X	25	=	\$66,300.00
\$415,000.00	X	30	=	\$124,500.00
\$1,500,000.00	X	25	=	\$375,000.00
\$575,000.00	X	25	=	\$143,800.00
\$2,000,000.00	X	10	=	\$200,000.00
\$350,000.00	X	25	=	\$87,500.00
\$795,000.00	X	20	=	\$159,000.00
\$125,000.00	X	25	=	\$31,300.00
\$210,000.00	X	25	=	\$52,500.00
\$635,000.00	X	30	=	\$190,500.00
\$410,000.00	X	30	=	\$123,000.00
\$205,000.00	X	30	=	\$61,500.00
\$375,000.00	X	30	=	\$112,500.00
\$415,000.00	X	30	=	\$124,500.00
\$150,000.00	X	40	=	\$60,000.00
\$115,000.00	X	30	=	\$34,500.00
\$50,000.00	X	20	=	\$10,000.00
\$325,000.00	X	25	=	\$81,300.00
\$255,000.00	X	30	=	\$76,500.00
\$545,000.00	X	25	=	\$136,300.00
\$0.00	X	0	=	\$0.00
\$650,000.00	X	50	=	\$325,000.00
\$200,000.00	X	30	=	\$60,000.00
\$1,750,000.00	X	20	=	\$350,000.00

Name/Description of Structure	Structure Replacement Value (Step 3) (\$)	X	Percent Damage (Step 4) (%)	=	Loss to Structure (\$)
West Taylor County Industrial Site	\$6,750,000.00	X	5	=	\$337,500.00
West Virginia Department of Corrections	\$1,200,000.00	X	20	=	\$240,000.00
West Virginia Paving, Inc.	\$425,000.00	X	15	=	\$63,800.00
Flemington Post Office	\$410,000.00	X	5	=	\$20,500.00
Grafton Post Office	\$525,000.00	X	15	=	\$78,800.00
Rosemont Post Office	\$210,000.00	X	10	=	\$21,000.00
Simpson Post Office	\$275,000.00	X	5	=	\$13,800.00
Thornton Post Office	\$200,000.00	X	15	=	\$30,000.00
Taylor County Public Library	\$580,000.00	X	20	=	\$116,000.00
Andrews Methodist Church	\$210,000.00	X	15	=	\$31,500.00
Anna Jarvis Birthplace Museum	\$225,000.00	X	20	=	\$45,000.00
B&O Railroad Station	\$550,000.00	X	25	=	\$137,500.00
Clelland House	\$195,000.00	X	20	=	\$39,000.00
Grafton National Cemetery	\$1,525,000.00	X	10	=	\$152,500.00
Grafton Downtown Commercial Historic District	\$4,500,000.00	X	10	=	\$450,000.00
					<b>\$110,436,100.00</b>

Replacement Value of Contents (Step 3) (\$)	X	Percent Damage (step 4) (%)	=	Loss to Contents (\$)
\$2,450,000.00	X	10	=	\$245,000.00
\$750,000.00	X	30	=	\$225,000.00
\$195,000.00	X	25	=	\$48,800.00
\$110,000.00	X	10	=	\$11,000.00
\$140,000.00	X	25	=	\$35,000.00
\$80,000.00	X	20	=	\$16,000.00
\$95,000.00	X	10	=	\$9,500.00
\$90,000.00	X	25	=	\$22,500.00
\$220,000.00	X	30	=	\$66,000.00
\$65,000.00	X	25	=	\$16,300.00
\$110,000.00	X	30	=	\$33,000.00
\$90,000.00	X	40	=	\$36,000.00
\$70,000.00	X	30	=	\$21,000.00
\$65,000.00	X	15	=	\$9,800.00
\$1,350,000.00	X	15	=	\$202,500.00
				<b>\$16,317,700.00</b>

**Hazard: Flooding**

Structure Use and Function Loss (Task A.3.)										
Name/Description of Structure	Average Daily Operating Budget (Step 3) (\$)	X	Functional Downtime (Step 4) (# of days)	+	Displacement Cost per Day (Step 3) (\$)	X	Displacement Time (Step 4) (\$)	=	Structure Use & Function Loss (\$)	Structure Loss + Content Loss + Function Loss (\$)
Flemington Town Hall	\$550.00	X	2	+	\$55.00	X	5	=	\$1,375.00	\$135,175.00
Grafton City Hall	\$800.00	X	3	+	\$80.00	X	10	=	\$3,200.00	\$840,700.00
Taylor County Courthouse	\$950.00	X	2	+	\$95.00	X	5	=	\$2,375.00	\$472,375.00
Bridges	\$0.00	X	1	+	\$0.00	X	1	=	\$0.00	\$10,750,000.00
Railroads	\$0.00	X	2	+	\$0.00	X	4	=	\$0.00	\$47,500,000.00
Roads	\$0.00	X	1	+	\$0.00	X	2	=	\$0.00	\$19,000,000.00
Roy Airfield	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$22,500.00
Allegheny Power	\$12,000.00	X	3	+	\$6,000.00	X	10	=	\$96,000.00	\$343,500.00
Bowie Gas	\$7,000.00	X	2	+	\$4,550.00	X	5	=	\$36,750.00	\$109,250.00
Grafton Wastewater Treatment Plant	\$5,000.00	X	5	+	\$3,250.00	X	15	=	\$73,750.00	\$2,073,750.00
Equitable Gas	\$9,000.00	X	2	+	\$5,200.00	X	5	=	\$44,000.00	\$127,500.00
Equitrans Gas	\$8,000.00	X	2	+	\$4,950.00	X	5	=	\$40,750.00	\$118,250.00
Haymond Public Service District	\$900.00	X	5	+	\$615.00	X	15	=	\$13,725.00	\$588,725.00
Mountain View Water Association	\$2,450.00	X	5	+	\$1,550.00	X	15	=	\$35,500.00	\$1,670,500.00
Southwestern Public Service District	\$2,400.00	X	3	+	\$1,440.00	X	10	=	\$21,600.00	\$921,600.00
Taylor County Public Service District	\$4,000.00	X	5	+	\$3,150.00	X	15	=	\$67,250.00	\$3,297,250.00
Time Warner Cable	\$6,000.00	X	2	+	\$4,200.00	X	5	=	\$33,000.00	\$290,500.00
West Side Communications	\$3,250.00	X	2	+	\$2,275.00	X	5	=	\$17,875.00	\$135,375.00
West Virginia Division of Highways	\$850.00	X	2	+	\$360.00	X	5	=	\$3,500.00	\$201,000.00
CSX Police Department	\$310.00	X	5	+	\$170.00	X	15	=	\$4,100.00	\$98,100.00
Flemington Volunteer Fire Department	\$275.00	X	2	+	\$155.00	X	5	=	\$1,325.00	\$108,925.00
Grafton Fire Department	\$400.00	X	3	+	\$220.00	X	10	=	\$3,400.00	\$493,400.00
Grafton Police Department	\$650.00	X	3	+	\$357.00	X	10	=	\$5,520.00	\$208,320.00
Pruntytown Correctional Center	\$850.00	X	3	+	\$553.00	X	10	=	\$8,080.00	\$563,080.00
Taylor County Emergency Communications Center - 911	\$150.00	X	2	+	\$300.00	X	5	=	\$1,800.00	\$691,800.00
Taylor County Emergency Operations Center	\$315.00	X	2	+	\$350.00	X	5	=	\$2,380.00	\$87,380.00
Taylor County Jail	\$450.00	X	2	+	\$540.00	X	5	=	\$3,600.00	\$111,100.00
Taylor County Office of Emergency Services	\$375.00	X	2	+	\$415.00	X	5	=	\$2,825.00	\$156,825.00

Name/Description of Structure	Average Daily Operating Budget (Step 3) (\$)	X	Functional Downtime (Step 4) (# of days)	+	Displacement Cost per Day (Step 3) (\$)	X	Displacement Time (Step 4) (\$)	=	Structure Use & Function Loss (\$)	Structure Loss + Content Loss + Function Loss (\$)
Taylor County Sheriff's Department	\$710.00	X	2	+	\$785.00	X	5	=	\$5,345.00	\$180,845.00
Thornton Fire Department	\$215.00	X	2	+	\$260.00	X	5	=	\$1,730.00	\$113,730.00
River Valley Chapter of ARC	\$310.00	X	2	+	\$210.00	X	5	=	\$1,670.00	\$61,170.00
Salvation Army	\$175.00	X	2	+	\$115.00	X	5	=	\$925.00	\$81,425.00
United States Army Reserve Corp. 363rd Military Police	\$845.00	X	2	+	\$635.00	X	5	=	\$4,865.00	\$196,365.00
West Virginia State Police	\$965.00	X	2	+	\$920.00	X	5	=	\$6,530.00	\$164,030.00
Alliance Personal Care Home	\$1,400.00	X	2	+	\$1,540.00	X	5	=	\$10,500.00	\$104,000.00
Beulahland Personal Care	\$900.00	X	3	+	\$990.00	X	10	=	\$12,600.00	\$56,100.00
County Living	\$625.00	X	2	+	\$690.00	X	5	=	\$4,700.00	\$81,200.00
Eldercare Resources	\$4,000.00	X	3	+	\$4,400.00	X	10	=	\$56,000.00	\$100,000.00
Flemington Emergency Medical Services	\$150.00	X	2	+	\$185.00	X	5	=	\$1,225.00	\$38,225.00
Grafton City Hospital	\$18,000.00	X	1	+	\$27,000.00	X	2	=	\$72,000.00	\$3,422,000.00
Grafton Emergency Medical Services	\$195.00	X	2	+	\$215.00	X	5	=	\$1,465.00	\$80,465.00
Hospice Care Corporation	\$1,375.00	X	2	+	\$1,725.00	X	5	=	\$11,375.00	\$506,375.00
Lighthouse Manor	\$750.00	X	2	+	\$825.00	X	5	=	\$5,625.00	\$376,625.00
Medical Center of Taylor County	\$1,425.00	X	3	+	\$1,560.00	X	10	=	\$19,875.00	\$1,103,675.00
Rosewood Nursing & Rehabilitation Center	\$1,150.00	X	2	+	\$1,265.00	X	5	=	\$8,625.00	\$806,125.00
Taylor County Emergency Medical Services	\$210.00	X	3	+	\$230.00	X	10	=	\$2,930.00	\$167,930.00
Taylor County Senior Citizen's Association	\$345.00	X	3	+	\$260.00	X	10	=	\$3,635.00	\$258,635.00
Tygart Valley Total Care Clinic	\$1,275.00	X	2	+	\$1,420.00	X	5	=	\$9,650.00	\$1,002,650.00
Valley Health Care System	\$1,200.00	X	2	+	\$1,320.00	X	5	=	\$9,000.00	\$497,500.00
Anna Jarvis Elementary School	\$750.00	X	3	+	\$940.00	X	10	=	\$11,650.00	\$824,150.00
Fellowship Christian Academy	\$510.00	X	2	+	\$640.00	X	5	=	\$4,220.00	\$445,520.00
Flemington Elementary School	\$655.00	X	2	+	\$820.00	X	5	=	\$5,410.00	\$177,910.00
Grafton High School	\$1,100.00	X	5	+	\$1,375.00	X	20	=	\$33,000.00	\$4,596,000.00
Hepzibah Elementary School	\$495.00	X	2	+	\$620.00	X	5	=	\$4,090.00	\$157,590.00
Mr. Vernon Elementary School	\$480.00	X	2	+	\$600.00	X	5	=	\$3,960.00	\$291,460.00
New Testament Christian Academy	\$500.00	X	2	+	\$625.00	X	5	=	\$4,125.00	\$190,425.00
Taylor County Middle School	\$985.00	X	3	+	\$1,235.00	X	10	=	\$15,305.00	\$1,421,805.00
Taylor County Vocational Center	\$935.00	X	3	+	\$1,170.00	X	10	=	\$14,505.00	\$1,833,005.00

Name/Description of Structure	Average Daily Operating Budget (Step 3) (\$)	X	Functional Downtime (Step 4) (# of days)	+	Displacement Cost per Day (Step 3) (\$)	X	Displacement Time (Step 4) (\$)	=	Structure Use & Function Loss (\$)	Structure Loss + Content Loss + Function Loss (\$)
West Taylor Elementary School	\$625.00	X	2	+	\$785.00	X	5	=	\$5,175.00	\$387,675.00
Bryans Hardware	\$760.00	X	2	+	\$460.00	X	5	=	\$3,820.00	\$122,620.00
Builders Service & Supply Company	\$2,500.00	X	2	+	\$1,550.00	X	5	=	\$12,750.00	\$337,750.00
Crislip Motor Lodge	\$1,095.00	X	2	+	\$880.00	X	5	=	\$6,590.00	\$106,690.00
Dyna Mix, Inc.	\$2,450.00	X	3	+	\$1,845.00	X	10	=	\$25,800.00	\$182,100.00
Dyna Tech Adhesives, Inc.	\$2,645.00	X	3	+	\$2,125.00	X	10	=	\$29,185.00	\$283,185.00
Estel Machine Company	\$1,250.00	X	2	+	\$1,000.00	X	5	=	\$7,500.00	\$212,500.00
Glenn Enterprises	\$9,000.00	X	2	+	\$6,850.00	X	5	=	\$52,250.00	\$289,750.00
Grafton County Club Road Industrial Site	\$5,650.00	X	2	+	\$4,520.00	X	5	=	\$33,900.00	\$1,798,900.00
Grafton Homes, Inc.	\$3,675.00	X	5	+	\$3,200.00	X	20	=	\$82,375.00	\$419,875.00
Grafton Motel	\$1,325.00	X	2	+	\$1,300.00	X	5	=	\$9,150.00	\$223,250.00
Grafton Truss & Panel Company	\$1,890.00	X	2	+	\$1,606.00	X	5	=	\$11,810.00	\$315,310.00
Harmon Shopping Center	\$2,850.00	X	2	+	\$2,280.00	X	5	=	\$17,100.00	\$1,164,600.00
Hart Industries	\$3,150.00	X	2	+	\$2,680.00	X	5	=	\$19,700.00	\$463,500.00
Jerry Run Industrial Park	\$4,500.00	X	2	+	\$3,825.00	X	5	=	\$28,125.00	\$655,625.00
K&P Machine Service	\$1,200.00	X	2	+	\$780.00	X	5	=	\$6,300.00	\$243,100.00
Knotts Industrial Site	\$4,250.00	X	2	+	\$3,615.00	X	5	=	\$26,575.00	\$730,575.00
Main Street Printers, Inc.	\$375.00	X	2	+	\$300.00	X	5	=	\$2,250.00	\$116,050.00
Mountaineer Custom Cartridge	\$410.00	X	3	+	\$350.00	X	10	=	\$4,730.00	\$158,530.00
Mountaineer Power Equipment	\$750.00	X	3	+	\$638.00	X	10	=	\$8,630.00	\$268,130.00
Packaging Corporation of America	\$1,165.00	X	3	+	\$990.00	X	10	=	\$13,395.00	\$309,395.00
Refuse Control Systems	\$895.00	X	3	+	\$761.00	X	10	=	\$10,295.00	\$166,795.00
Rex-Hide Industries, Inc.	\$11,500.00	X	2	+	\$10,350.00	X	5	=	\$74,750.00	\$537,250.00
RRHAMCO, Inc.	\$3,100.00	X	2	+	\$2,635.00	X	5	=	\$19,375.00	\$433,875.00
Taylor County Board of Education	\$8,250.00	X	3	+	\$5,363.00	X	10	=	\$78,380.00	\$1,050,880.00
Taylor County Development Authority	\$950.00	X	2	+	\$715.00	X	5	=	\$5,475.00	\$484,975.00
Taylor County Fairgrounds	\$180.00	X	2	+	\$90.00	X	3	=	\$630.00	\$75,630.00
Taylor County Supply Company	\$950.00	X	3	+	\$810.00	X	10	=	\$10,950.00	\$151,550.00
Taylor County Workshop	\$685.00	X	3	+	\$514.00	X	10	=	\$7,195.00	\$238,695.00
Thorns Excavating	\$1,150.00	X	3	+	\$863.00	X	10	=	\$12,080.00	\$245,880.00
Tygart Lake Dam	\$1,785.00	X	1	+	\$2,677.00	X	2	=	\$7,139.00	\$377,139.00
Tygart Lake Resort Properties	\$250.00	X	0	+	\$200.00	X	0	=	\$0.00	\$1,457,500.00
Vanco Welding & Repair, Inc.	\$1,075.00	X	3	+	\$914.00	X	10	=	\$12,365.00	\$297,365.00
Walmart Associates	\$21,000.00	X	2	+	\$17,850.00	X	5	=	\$131,250.00	\$866,250.00

Name/Description of Structure	Average Daily Operating Budget (Step 3) (\$)	X	Functional Downtime (Step 4) (# of days)	+	Displacement Cost per Day (Step 3) (\$)	X	Displacement Time (Step 4) (\$)	=	Structure Use & Function Loss (\$)	Structure Loss + Content Loss + Function Loss (\$)
West Taylor County Industrial Site	\$3,950.00	X	2	+	\$3,350.00	X	5	=	\$24,650.00	\$607,150.00
West Virginia Department of Corrections	\$10,000.00	X	2	+	\$8,500.00	X	5	=	\$62,500.00	\$527,500.00
West Virginia Paving, Inc.	\$1,150.00	X	2	+	\$920.00	X	5	=	\$6,900.00	\$119,500.00
Flemington Post Office	\$265.00	X	2	+	\$240.00	X	5	=	\$1,730.00	\$33,230.00
Grafton Post Office	\$310.00	X	3	+	\$280.00	X	10	=	\$3,730.00	\$117,530.00
Rosemont Post Office	\$215.00	X	2	+	\$195.00	X	5	=	\$1,405.00	\$38,405.00
Simpson Post Office	\$225.00	X	2	+	\$205.00	X	5	=	\$1,475.00	\$24,775.00
Thornton Post Office	\$210.00	X	3	+	\$190.00	X	10	=	\$2,530.00	\$55,030.00
Taylor County Public Library	\$625.00	X	3	+	\$565.00	X	10	=	\$7,525.00	\$189,525.00
Andrews Methodist Church	\$0.00	X	2	+	\$0.00	X	5	=	\$0.00	\$47,800.00
Anna Jarvis Birthplace Museum	\$0.00	X	3	+	\$0.00	X	10	=	\$0.00	\$78,000.00
B&O Railroad Station	\$415.00	X	3	+	\$353.00	X	10	=	\$4,775.00	\$178,275.00
Clelland House	\$0.00	X	2	+	\$0.00	X	5	=	\$0.00	\$60,000.00
Grafton National Cemetery	\$270.00	X	2	+	\$180.00	X	5	=	\$1,440.00	\$163,740.00
Grafton Downtown Commercial Historic District	\$2,055.00	X	2	+	\$1,335.00	X	5	=	\$10,785.00	\$663,285.00
									<b>\$1,776,700.00</b>	<b>\$128,530,500.00</b>

Hazard: Hailstorm

Structure Loss (Task A.1.)					
Name/Description of Structure	Structure Replacement Value (Step 3) (\$)	X	Percent Damage (Step 4) (%)	=	Loss to Structure (\$)
Flemington Town Hall	\$2,000,000.00	X	2	=	\$40,000.00
Grafton City Hall	\$2,750,000.00	X	2	=	\$55,000.00
Taylor County Courthouse	\$3,500,000.00	X	2	=	\$70,000.00
Bridges	\$215,000,000.00	X	0	=	\$0.00
Railroads	\$190,000,000.00	X	0	=	\$0.00
Roads	\$950,000,000.00	X	0	=	\$0.00
Roy Airfield	\$450,000.00	X	0	=	\$0.00
Allegheny Power	\$1,005,000.00	X	1	=	\$10,100.00
Bowie Gas	\$375,000.00	X	1	=	\$3,800.00
Grafton Wastewater Treatment Plant	\$4,225,000.00	X	1	=	\$42,300.00
Equitable Gas	\$415,000.00	X	1	=	\$4,200.00
Equitrans Gas	\$405,000.00	X	1	=	\$4,100.00
Haymond Public Service District	\$1,750,000.00	X	1	=	\$17,500.00
Mountain View Water Association	\$3,750,000.00	X	1	=	\$37,500.00
Southwestern Public Service District	\$1,000,000.00	X	1	=	\$10,000.00
Taylor County Public Service District	\$6,475,000.00	X	1	=	\$64,800.00
Time Warner Cable	\$950,000.00	X	2	=	\$19,000.00
West Side Communications	\$775,000.00	X	2	=	\$15,500.00
West Virginia Division of Highways	\$350,000.00	X	2	=	\$7,000.00
CSX Police Department	\$305,000.00	X	2	=	\$6,100.00
Flemington Volunteer Fire Department	\$575,000.00	X	2	=	\$11,500.00
Grafton Fire Department	\$800,000.00	X	2	=	\$16,000.00
Grafton Police Department	\$315,000.00	X	2	=	\$6,300.00
Pruntytown Correctional Center	\$4,800,000.00	X	1	=	\$48,000.00
Taylor County Emergency Communications Center - 911	\$1,550,000.00	X	2	=	\$31,000.00
Taylor County Emergency Operations Center	\$150,000.00	X	2	=	\$3,000.00
Taylor County Jail	\$775,000.00	X	2	=	\$15,500.00
Taylor County Office of Emergency Services	\$500,000.00	X	2	=	\$10,000.00

Contents Loss (Task A.2.)				
Replacement Value of Contents (Step 3) (\$)	X	Percent Damage (step 4) (%)	=	Loss to Contents (\$)
\$225,000.00	X	0	=	\$0.00
\$375,000.00	X	0	=	\$0.00
\$600,000.00	X	0	=	\$0.00
\$0.00	X	0	=	\$0.00
\$0.00	X	0	=	\$0.00
\$0.00	X	0	=	\$0.00
\$0.00	X	0	=	\$0.00
\$155,000.00	X	0	=	\$0.00
\$175,000.00	X	0	=	\$0.00
\$3,850,000.00	X	0	=	\$0.00
\$210,000.00	X	0	=	\$0.00
\$185,000.00	X	0	=	\$0.00
\$1,250,000.00	X	0	=	\$0.00
\$2,950,000.00	X	0	=	\$0.00
\$4,000,000.00	X	0	=	\$0.00
\$6,450,000.00	X	0	=	\$0.00
\$225,000.00	X	0	=	\$0.00
\$200,000.00	X	0	=	\$0.00
\$580,000.00	X	0	=	\$0.00
\$110,000.00	X	0	=	\$0.00
\$525,000.00	X	0	=	\$0.00
\$725,000.00	X	0	=	\$0.00
\$310,000.00	X	0	=	\$0.00
\$375,000.00	X	0	=	\$0.00
\$2,675,000.00	X	0	=	\$0.00
\$350,000.00	X	0	=	\$0.00
\$150,000.00	X	0	=	\$0.00
\$180,000.00	X	0	=	\$0.00

Name/Description of Structure	Structure Replacement Value (Step 3) (\$)	X	Percent Damage (Step 4) (%)	=	Loss to Structure (\$)
Taylor County Sheriff's Department	\$675,000.00	X	2	=	\$13,500.00
Thornton Fire Department	\$410,000.00	X	5	=	\$20,500.00
River Valley Chapter of ARC	\$375,000.00	X	2	=	\$7,500.00
Salvation Army	\$290,000.00	X	2	=	\$5,800.00
United States Army Reserve Corp. 363rd Military Police	\$615,000.00	X	2	=	\$12,300.00
West Virginia State Police	\$750,000.00	X	2	=	\$15,000.00
Alliance Personal Care Home	\$355,000.00	X	5	=	\$17,800.00
Beulahland Personal Care	\$315,000.00	X	5	=	\$15,800.00
County Living	\$300,000.00	X	5	=	\$15,000.00
Eldercare Resources	\$310,000.00	X	2	=	\$6,200.00
Flemington Emergency Medical Services	\$50,000.00	X	2	=	\$1,000.00
Grafton City Hospital	\$25,750,000.00	X	1	=	\$257,500.00
Grafton Emergency Medical Services	\$80,000.00	X	2	=	\$1,600.00
Hospice Care Corporation	\$2,550,000.00	X	2	=	\$51,000.00
Lighthouse Manor	\$1,750,000.00	X	2	=	\$35,000.00
Medical Center of Taylor County	\$5,950,000.00	X	2	=	\$119,000.00
Rosewood Nursing & Rehabilitation Center	\$3,500,000.00	X	2	=	\$70,000.00
Taylor County Emergency Medical Services	\$300,000.00	X	2	=	\$6,000.00
Taylor County Senior Citizen's Association	\$975,000.00	X	2	=	\$19,500.00
Tygart Valley Total Care Clinic	\$4,500,000.00	X	2	=	\$90,000.00
Valley Health Care System	\$2,000,000.00	X	2	=	\$40,000.00
Anna Jarvis Elementary School	\$2,850,000.00	X	1	=	\$28,500.00
Fellowship Christian Academy	\$2,650,000.00	X	1	=	\$26,500.00
Flemington Elementary School	\$3,050,000.00	X	1	=	\$30,500.00
Grafton High School	\$14,500,000.00	X	1	=	\$145,000.00
Hepzibah Elementary School	\$1,225,000.00	X	1	=	\$12,300.00
Mr. Vernon Elementary School	\$1,650,000.00	X	1	=	\$16,500.00
New Testament Christian Academy	\$1,000,000.00	X	1	=	\$10,000.00
Taylor County Middle School	\$6,575,000.00	X	1	=	\$65,800.00
Taylor County Vocational Center	\$8,500,000.00	X	1	=	\$85,000.00

Replacement Value of Contents (Step 3) (\$)	X	Percent Damage (step 4) (%)	=	Loss to Contents (\$)
\$135,000.00	X	0	=	\$0.00
\$355,000.00	X	0	=	\$0.00
\$110,000.00	X	0	=	\$0.00
\$75,000.00	X	0	=	\$0.00
\$650,000.00	X	0	=	\$0.00
\$180,000.00	X	0	=	\$0.00
\$75,000.00	X	0	=	\$0.00
\$60,000.00	X	0	=	\$0.00
\$55,000.00	X	0	=	\$0.00
\$65,000.00	X	0	=	\$0.00
\$160,000.00	X	0	=	\$0.00
\$13,750,000.00	X	0	=	\$0.00
\$210,000.00	X	0	=	\$0.00
\$450,000.00	X	0	=	\$0.00
\$70,000.00	X	0	=	\$0.00
\$765,000.00	X	0	=	\$0.00
\$325,000.00	X	0	=	\$0.00
\$350,000.00	X	0	=	\$0.00
\$200,000.00	X	0	=	\$0.00
\$310,000.00	X	0	=	\$0.00
\$295,000.00	X	0	=	\$0.00
\$250,000.00	X	0	=	\$0.00
\$175,000.00	X	0	=	\$0.00
\$200,000.00	X	0	=	\$0.00
\$355,000.00	X	0	=	\$0.00
\$155,000.00	X	0	=	\$0.00
\$160,000.00	X	0	=	\$0.00
\$145,000.00	X	0	=	\$0.00
\$305,000.00	X	0	=	\$0.00
\$395,000.00	X	0	=	\$0.00

Name/Description of Structure	Structure Replacement Value (Step 3) (\$)	X	Percent Damage (Step 4) (%)	=	Loss to Structure (\$)
West Taylor Elementary School	\$3,250,000.00	X	1	=	\$32,500.00
Bryans Hardware	\$425,000.00	X	5	=	\$21,300.00
Builders Service & Supply Company	\$500,000.00	X	2	=	\$10,000.00
Crislip Motor Lodge	\$375,000.00	X	5	=	\$18,800.00
Dyna Mix, Inc.	\$525,000.00	X	2	=	\$10,500.00
Dyna Tech Adhesives, Inc.	\$850,000.00	X	2	=	\$17,000.00
Estel Machine Company	\$650,000.00	X	2	=	\$13,000.00
Glenn Enterprises	\$775,000.00	X	2	=	\$15,500.00
Grafton County Club Road Industrial Site	\$7,550,000.00	X	2	=	\$151,000.00
Grafton Homes, Inc.	\$225,000.00	X	5	=	\$11,300.00
Grafton Motel	\$985,000.00	X	2	=	\$19,700.00
Grafton Truss & Panel Company	\$895,000.00	X	2	=	\$17,900.00
Harmon Shopping Center	\$5,150,000.00	X	2	=	\$103,000.00
Hart Industries	\$2,000,000.00	X	2	=	\$40,000.00
Jerry Run Industrial Park	\$8,550,000.00	X	2	=	\$171,000.00
K&P Machine Service	\$995,000.00	X	2	=	\$19,900.00
Knotts Industrial Site	\$5,450,000.00	X	2	=	\$109,000.00
Main Street Printers, Inc.	\$550,000.00	X	2	=	\$11,000.00
Mountaineer Custom Cartridge	\$675,000.00	X	2	=	\$13,500.00
Mountaineer Power Equipment	\$345,000.00	X	2	=	\$6,900.00
Packaging Corporation of America	\$865,000.00	X	2	=	\$17,300.00
Refuse Control Systems	\$475,000.00	X	2	=	\$9,500.00
Rex-Hide Industries, Inc.	\$1,750,000.00	X	2	=	\$35,000.00
RRHAMCO, Inc.	\$1,450,000.00	X	2	=	\$29,000.00
Taylor County Board of Education	\$3,650,000.00	X	2	=	\$73,000.00
Taylor County Development Authority	\$2,225,000.00	X	2	=	\$44,500.00
Taylor County Fairgrounds	\$650,000.00	X	5	=	\$32,500.00
Taylor County Supply Company	\$395,000.00	X	2	=	\$7,900.00
Taylor County Workshop	\$775,000.00	X	2	=	\$15,500.00
Thorns Excavating	\$650,000.00	X	2	=	\$13,000.00
Tygart Lake Dam	\$18,500,000.00	X	0	=	\$0.00
Tygart Lake Resort Properties	\$3,775,000.00	X	2	=	\$75,500.00
Vanco Welding & Repair, Inc.	\$1,125,000.00	X	2	=	\$22,500.00
Walmart Associates	\$3,850,000.00	X	1	=	\$38,500.00

Replacement Value of Contents (Step 3) (\$)	X	Percent Damage (step 4) (%)	=	Loss to Contents (\$)
\$230,000.00	X	0	=	\$0.00
\$220,000.00	X	0	=	\$0.00
\$750,000.00	X	0	=	\$0.00
\$175,000.00	X	0	=	\$0.00
\$310,000.00	X	0	=	\$0.00
\$280,000.00	X	0	=	\$0.00
\$250,000.00	X	0	=	\$0.00
\$275,000.00	X	0	=	\$0.00
\$850,000.00	X	0	=	\$0.00
\$540,000.00	X	0	=	\$0.00
\$265,000.00	X	0	=	\$0.00
\$415,000.00	X	0	=	\$0.00
\$1,500,000.00	X	0	=	\$0.00
\$575,000.00	X	0	=	\$0.00
\$2,000,000.00	X	0	=	\$0.00
\$350,000.00	X	0	=	\$0.00
\$795,000.00	X	0	=	\$0.00
\$125,000.00	X	0	=	\$0.00
\$210,000.00	X	0	=	\$0.00
\$635,000.00	X	0	=	\$0.00
\$410,000.00	X	0	=	\$0.00
\$205,000.00	X	0	=	\$0.00
\$375,000.00	X	0	=	\$0.00
\$415,000.00	X	0	=	\$0.00
\$150,000.00	X	0	=	\$0.00
\$115,000.00	X	0	=	\$0.00
\$50,000.00	X	0	=	\$0.00
\$325,000.00	X	0	=	\$0.00
\$255,000.00	X	0	=	\$0.00
\$545,000.00	X	0	=	\$0.00
\$0.00	X	0	=	\$0.00
\$650,000.00	X	0	=	\$0.00
\$200,000.00	X	0	=	\$0.00
\$1,750,000.00	X	0	=	\$0.00

Name/Description of Structure	Structure Replacement Value (Step 3) (\$)	X	Percent Damage (Step 4) (%)	=	Loss to Structure (\$)
West Taylor County Industrial Site	\$6,750,000.00	X	2	=	\$135,000.00
West Virginia Department of Corrections	\$1,200,000.00	X	2	=	\$24,000.00
West Virginia Paving, Inc.	\$425,000.00	X	2	=	\$8,500.00
Flemington Post Office	\$410,000.00	X	2	=	\$8,200.00
Grafton Post Office	\$525,000.00	X	2	=	\$10,500.00
Rosemont Post Office	\$210,000.00	X	2	=	\$4,200.00
Simpson Post Office	\$275,000.00	X	2	=	\$5,500.00
Thornton Post Office	\$200,000.00	X	2	=	\$4,000.00
Taylor County Public Library	\$580,000.00	X	2	=	\$11,600.00
Andrews Methodist Church	\$210,000.00	X	2	=	\$4,200.00
Anna Jarvis Birthplace Museum	\$225,000.00	X	2	=	\$4,500.00
B&O Railroad Station	\$550,000.00	X	2	=	\$11,000.00
Clelland House	\$195,000.00	X	5	=	\$9,800.00
Grafton National Cemetery	\$1,525,000.00	X	0	=	\$0.00
Grafton Downtown Commercial Historic District	\$4,500,000.00	X	2	=	\$90,000.00
					<b>\$3,345,800.00</b>

Replacement Value of Contents (Step 3) (\$)	X	Percent Damage (step 4) (%)	=	Loss to Contents (\$)
\$2,450,000.00	X	0	=	\$0.00
\$750,000.00	X	0	=	\$0.00
\$195,000.00	X	0	=	\$0.00
\$110,000.00	X	0	=	\$0.00
\$140,000.00	X	0	=	\$0.00
\$80,000.00	X	0	=	\$0.00
\$95,000.00	X	0	=	\$0.00
\$90,000.00	X	0	=	\$0.00
\$220,000.00	X	0	=	\$0.00
\$65,000.00	X	0	=	\$0.00
\$110,000.00	X	0	=	\$0.00
\$90,000.00	X	0	=	\$0.00
\$70,000.00	X	0	=	\$0.00
\$65,000.00	X	0	=	\$0.00
\$1,350,000.00	X	0	=	\$0.00
				<b>\$0.00</b>

**Hazard: Hailstorm**

Structure Use and Function Loss (Task A.3.)										
Name/Description of Structure	Average Daily Operating Budget (Step 3) (\$)	X	Functional Downtime (Step 4) (# of days)	+	Displacement Cost per Day (Step 3) (\$)	X	Displacement Time (Step 4) (\$)	=	Structure Use & Function Loss (\$)	Structure Loss + Content Loss + Function Loss (\$)
Flemington Town Hall	\$550.00	X	1	+	\$55.00	X	0	=	\$550.00	\$40,550.00
Grafton City Hall	\$800.00	X	1	+	\$80.00	X	0	=	\$800.00	\$55,800.00
Taylor County Courthouse	\$950.00	X	1	+	\$95.00	X	0	=	\$950.00	\$70,950.00
Bridges	\$0.00	X	1	+	\$0.00	X	0	=	\$0.00	\$0.00
Railroads	\$0.00	X	1	+	\$0.00	X	0	=	\$0.00	\$0.00
Roads	\$0.00	X	1	+	\$0.00	X	0	=	\$0.00	\$0.00
Roy Airfield	\$0.00	X	1	+	\$0.00	X	0	=	\$0.00	\$0.00
Allegheny Power	\$12,000.00	X	1	+	\$6,000.00	X	0	=	\$12,000.00	\$22,100.00
Bowie Gas	\$7,000.00	X	1	+	\$4,550.00	X	0	=	\$7,000.00	\$10,800.00
Grafton Wastewater Treatment Plant	\$5,000.00	X	1	+	\$3,250.00	X	0	=	\$5,000.00	\$47,300.00
Equitable Gas	\$9,000.00	X	1	+	\$5,200.00	X	0	=	\$9,000.00	\$13,200.00
Equitrans Gas	\$8,000.00	X	1	+	\$4,950.00	X	0	=	\$8,000.00	\$12,100.00
Haymond Public Service District	\$900.00	X	1	+	\$615.00	X	0	=	\$900.00	\$18,400.00
Mountain View Water Association	\$2,450.00	X	1	+	\$1,550.00	X	0	=	\$2,450.00	\$39,950.00
Southwestern Public Service District	\$2,400.00	X	1	+	\$1,440.00	X	0	=	\$2,400.00	\$12,400.00
Taylor County Public Service District	\$4,000.00	X	1	+	\$3,150.00	X	0	=	\$4,000.00	\$68,800.00
Time Warner Cable	\$6,000.00	X	1	+	\$4,200.00	X	0	=	\$6,000.00	\$25,000.00
West Side Communications	\$3,250.00	X	1	+	\$2,275.00	X	0	=	\$3,250.00	\$18,750.00
West Virginia Division of Highways	\$850.00	X	1	+	\$360.00	X	0	=	\$850.00	\$7,850.00
CSX Police Department	\$310.00	X	1	+	\$170.00	X	0	=	\$310.00	\$6,410.00
Flemington Volunteer Fire Department	\$275.00	X	1	+	\$155.00	X	0	=	\$275.00	\$11,775.00
Grafton Fire Department	\$400.00	X	1	+	\$220.00	X	0	=	\$400.00	\$16,400.00
Grafton Police Department	\$650.00	X	1	+	\$357.00	X	0	=	\$650.00	\$6,950.00
Pruntytown Correctional Center	\$850.00	X	1	+	\$553.00	X	0	=	\$850.00	\$48,850.00
Taylor County Emergency Communications Center - 911	\$150.00	X	1	+	\$300.00	X	0	=	\$150.00	\$31,150.00
Taylor County Emergency Operations Center	\$315.00	X	1	+	\$350.00	X	0	=	\$315.00	\$3,315.00
Taylor County Jail	\$450.00	X	1	+	\$540.00	X	0	=	\$450.00	\$15,950.00
Taylor County Office of Emergency Services	\$375.00	X	1	+	\$415.00	X	0	=	\$375.00	\$10,375.00

Name/Description of Structure	Average Daily Operating Budget (Step 3) (\$)	X	Functional Downtime (Step 4) (# of days)	+	Displacement Cost per Day (Step 3) (\$)	X	Displacement Time (Step 4) (\$)	=	Structure Use & Function Loss (\$)	Structure Loss + Content Loss + Function Loss (\$)
Taylor County Sheriff's Department	\$710.00	X	1	+	\$785.00	X	0	=	\$710.00	\$14,210.00
Thornton Fire Department	\$215.00	X	1	+	\$260.00	X	0	=	\$215.00	\$20,715.00
River Valley Chapter of ARC	\$310.00	X	1	+	\$210.00	X	0	=	\$310.00	\$7,810.00
Salvation Army	\$175.00	X	1	+	\$115.00	X	0	=	\$175.00	\$5,975.00
United States Army Reserve Corp. 363rd Military Police	\$845.00	X	1	+	\$635.00	X	0	=	\$845.00	\$13,145.00
West Virginia State Police	\$965.00	X	1	+	\$920.00	X	0	=	\$965.00	\$15,965.00
Alliance Personal Care Home	\$1,400.00	X	1	+	\$1,540.00	X	0	=	\$1,400.00	\$19,200.00
Beulahland Personal Care	\$900.00	X	1	+	\$990.00	X	0	=	\$900.00	\$16,700.00
County Living	\$625.00	X	1	+	\$690.00	X	0	=	\$625.00	\$15,625.00
Eldercare Resources	\$4,000.00	X	1	+	\$4,400.00	X	0	=	\$4,000.00	\$10,200.00
Flemington Emergency Medical Services	\$150.00	X	1	+	\$185.00	X	0	=	\$150.00	\$1,150.00
Grafton City Hospital	\$18,000.00	X	1	+	\$27,000.00	X	0	=	\$18,000.00	\$275,500.00
Grafton Emergency Medical Services	\$195.00	X	1	+	\$215.00	X	0	=	\$195.00	\$1,795.00
Hospice Care Corporation	\$1,375.00	X	1	+	\$1,725.00	X	0	=	\$1,375.00	\$52,375.00
Lighthouse Manor	\$750.00	X	1	+	\$825.00	X	0	=	\$750.00	\$35,750.00
Medical Center of Taylor County	\$1,425.00	X	1	+	\$1,560.00	X	0	=	\$1,425.00	\$120,425.00
Rosewood Nursing & Rehabilitation Center	\$1,150.00	X	1	+	\$1,265.00	X	0	=	\$1,150.00	\$71,150.00
Taylor County Emergency Medical Services	\$210.00	X	1	+	\$230.00	X	0	=	\$210.00	\$6,210.00
Taylor County Senior Citizen's Association	\$345.00	X	1	+	\$260.00	X	0	=	\$345.00	\$19,845.00
Tygart Valley Total Care Clinic	\$1,275.00	X	1	+	\$1,420.00	X	0	=	\$1,275.00	\$91,275.00
Valley Health Care System	\$1,200.00	X	1	+	\$1,320.00	X	0	=	\$1,200.00	\$41,200.00
Anna Jarvis Elementary School	\$750.00	X	1	+	\$940.00	X	0	=	\$750.00	\$29,250.00
Fellowship Christian Academy	\$510.00	X	1	+	\$640.00	X	0	=	\$510.00	\$27,010.00
Flemington Elementary School	\$655.00	X	1	+	\$820.00	X	0	=	\$655.00	\$31,155.00
Grafton High School	\$1,100.00	X	1	+	\$1,375.00	X	0	=	\$1,100.00	\$146,100.00
Hepzibah Elementary School	\$495.00	X	1	+	\$620.00	X	0	=	\$495.00	\$12,795.00
Mr. Vernon Elementary School	\$480.00	X	1	+	\$600.00	X	0	=	\$480.00	\$16,980.00
New Testament Christian Academy	\$500.00	X	1	+	\$625.00	X	0	=	\$500.00	\$10,500.00
Taylor County Middle School	\$985.00	X	1	+	\$1,235.00	X	0	=	\$985.00	\$66,785.00
Taylor County Vocational Center	\$935.00	X	1	+	\$1,170.00	X	0	=	\$935.00	\$85,935.00

Name/Description of Structure	Average Daily Operating Budget (Step 3) (\$)	X	Functional Downtime (Step 4) (# of days)	+	Displacement Cost per Day (Step 3) (\$)	X	Displacement Time (Step 4) (\$)	=	Structure Use & Function Loss (\$)	Structure Loss + Content Loss + Function Loss (\$)
West Taylor Elementary School	\$625.00	X	1	+	\$785.00	X	0	=	\$625.00	\$33,125.00
Bryans Hardware	\$760.00	X	1	+	\$460.00	X	0	=	\$760.00	\$22,060.00
Builders Service & Supply Company	\$2,500.00	X	1	+	\$1,550.00	X	0	=	\$2,500.00	\$12,500.00
Crislip Motor Lodge	\$1,095.00	X	1	+	\$880.00	X	0	=	\$1,095.00	\$19,895.00
Dyna Mix, Inc.	\$2,450.00	X	1	+	\$1,845.00	X	0	=	\$2,450.00	\$12,950.00
Dyna Tech Adhesives, Inc.	\$2,645.00	X	1	+	\$2,125.00	X	0	=	\$2,645.00	\$19,645.00
Estel Machine Company	\$1,250.00	X	1	+	\$1,000.00	X	0	=	\$1,250.00	\$14,250.00
Glenn Enterprises	\$9,000.00	X	1	+	\$6,850.00	X	0	=	\$9,000.00	\$24,500.00
Grafton County Club Road Industrial Site	\$5,650.00	X	1	+	\$4,520.00	X	0	=	\$5,650.00	\$156,650.00
Grafton Homes, Inc.	\$3,675.00	X	1	+	\$3,200.00	X	0	=	\$3,675.00	\$14,975.00
Grafton Motel	\$1,325.00	X	1	+	\$1,300.00	X	0	=	\$1,325.00	\$21,025.00
Grafton Truss & Panel Company	\$1,890.00	X	1	+	\$1,606.00	X	0	=	\$1,890.00	\$19,790.00
Harmon Shopping Center	\$2,850.00	X	1	+	\$2,280.00	X	0	=	\$2,850.00	\$105,850.00
Hart Industries	\$3,150.00	X	1	+	\$2,680.00	X	0	=	\$3,150.00	\$43,150.00
Jerry Run Industrial Park	\$4,500.00	X	1	+	\$3,825.00	X	0	=	\$4,500.00	\$175,500.00
K&P Machine Service	\$1,200.00	X	1	+	\$780.00	X	0	=	\$1,200.00	\$21,100.00
Knotts Industrial Site	\$4,250.00	X	1	+	\$3,615.00	X	0	=	\$4,250.00	\$113,250.00
Main Street Printers, Inc.	\$375.00	X	1	+	\$300.00	X	0	=	\$375.00	\$11,375.00
Mountaineer Custom Cartridge	\$410.00	X	1	+	\$350.00	X	0	=	\$410.00	\$13,910.00
Mountaineer Power Equipment	\$750.00	X	1	+	\$638.00	X	0	=	\$750.00	\$7,650.00
Packaging Corporation of America	\$1,165.00	X	1	+	\$990.00	X	0	=	\$1,165.00	\$18,465.00
Refuse Control Systems	\$895.00	X	1	+	\$761.00	X	0	=	\$895.00	\$10,395.00
Rex-Hide Industries, Inc.	\$11,500.00	X	1	+	\$10,350.00	X	0	=	\$11,500.00	\$46,500.00
RRHAMCO, Inc.	\$3,100.00	X	1	+	\$2,635.00	X	0	=	\$3,100.00	\$32,100.00
Taylor County Board of Education	\$8,250.00	X	1	+	\$5,363.00	X	0	=	\$8,250.00	\$81,250.00
Taylor County Development Authority	\$950.00	X	1	+	\$715.00	X	0	=	\$950.00	\$45,450.00
Taylor County Fairgrounds	\$180.00	X	1	+	\$90.00	X	0	=	\$180.00	\$32,680.00
Taylor County Supply Company	\$950.00	X	1	+	\$810.00	X	0	=	\$950.00	\$8,850.00
Taylor County Workshop	\$685.00	X	1	+	\$514.00	X	0	=	\$685.00	\$16,185.00
Thorns Excavating	\$1,150.00	X	1	+	\$863.00	X	0	=	\$1,150.00	\$14,150.00
Tygart Lake Dam	\$1,785.00	X	1	+	\$2,677.00	X	0	=	\$1,785.00	\$1,785.00
Tygart Lake Resort Properties	\$250.00	X	1	+	\$200.00	X	0	=	\$250.00	\$75,750.00
Vanco Welding & Repair, Inc.	\$1,075.00	X	1	+	\$914.00	X	0	=	\$1,075.00	\$23,575.00
Walmart Associates	\$21,000.00	X	1	+	\$17,850.00	X	0	=	\$21,000.00	\$59,500.00

Name/Description of Structure	Average Daily Operating Budget (Step 3) (\$)	X	Functional Downtime (Step 4) (# of days)	+	Displacement Cost per Day (Step 3) (\$)	X	Displacement Time (Step 4) (\$)	=	Structure Use & Function Loss (\$)	Structure Loss + Content Loss + Function Loss (\$)
West Taylor County Industrial Site	\$3,950.00	X	1	+	\$3,350.00	X	0	=	\$3,950.00	\$138,950.00
West Virginia Department of Corrections	\$10,000.00	X	1	+	\$8,500.00	X	0	=	\$10,000.00	\$34,000.00
West Virginia Paving, Inc.	\$1,150.00	X	1	+	\$920.00	X	0	=	\$1,150.00	\$9,650.00
Flemington Post Office	\$265.00	X	1	+	\$240.00	X	0	=	\$265.00	\$8,465.00
Grafton Post Office	\$310.00	X	1	+	\$280.00	X	0	=	\$310.00	\$10,810.00
Rosemont Post Office	\$215.00	X	1	+	\$195.00	X	0	=	\$215.00	\$4,415.00
Simpson Post Office	\$225.00	X	1	+	\$205.00	X	0	=	\$225.00	\$5,725.00
Thornton Post Office	\$210.00	X	1	+	\$190.00	X	0	=	\$210.00	\$4,210.00
Taylor County Public Library	\$625.00	X	1	+	\$565.00	X	0	=	\$625.00	\$12,225.00
Andrews Methodist Church	\$0.00	X	1	+	\$0.00	X	0	=	\$0.00	\$4,200.00
Anna Jarvis Birthplace Museum	\$0.00	X	1	+	\$0.00	X	0	=	\$0.00	\$4,500.00
B&O Railroad Station	\$415.00	X	1	+	\$353.00	X	0	=	\$415.00	\$11,415.00
Clelland House	\$0.00	X	1	+	\$0.00	X	0	=	\$0.00	\$9,800.00
Grafton National Cemetery	\$270.00	X	1	+	\$180.00	X	0	=	\$270.00	\$270.00
Grafton Downtown Commercial Historic District	\$2,055.00	X	1	+	\$1,335.00	X	0	=	\$2,055.00	\$92,055.00
									<b>\$232,500.00</b>	<b>\$3,578,300.00</b>

Hazard: Landslide

Structure Loss (Task A.1.)					
Name/Description of Structure	Structure Replacement Value (Step 3) (\$)	X	Percent Damage (Step 4) (%)	=	Loss to Structure (\$)
Flemington Town Hall	\$2,000,000.00	X	5	=	\$100,000.00
Grafton City Hall	\$2,750,000.00	X	15	=	\$412,500.00
Taylor County Courthouse	\$3,500,000.00	X	25	=	\$875,000.00
Bridges	\$215,000,000.00	X	0	=	\$0.00
Railroads	\$190,000,000.00	X	2	=	\$3,800,000.00
Roads	\$950,000,000.00	X	2	=	\$19,000,000.00
Roy Airfield	\$450,000.00	X	10	=	\$45,000.00
Allegheny Power	\$1,005,000.00	X	5	=	\$50,300.00
Bowie Gas	\$375,000.00	X	10	=	\$37,500.00
Grafton Wastewater Treatment Plant	\$4,225,000.00	X	10	=	\$422,500.00
Equitable Gas	\$415,000.00	X	5	=	\$20,800.00
Equitrans Gas	\$405,000.00	X	5	=	\$20,300.00
Haymond Public Service District	\$1,750,000.00	X	5	=	\$87,500.00
Mountain View Water Association	\$3,750,000.00	X	10	=	\$375,000.00
Southwestern Public Service District	\$1,000,000.00	X	10	=	\$100,000.00
Taylor County Public Service District	\$6,475,000.00	X	15	=	\$971,300.00
Time Warner Cable	\$950,000.00	X	10	=	\$95,000.00
West Side Communications	\$775,000.00	X	10	=	\$77,500.00
West Virginia Division of Highways	\$350,000.00	X	10	=	\$35,000.00
CSX Police Department	\$305,000.00	X	20	=	\$61,000.00
Flemington Volunteer Fire Department	\$575,000.00	X	5	=	\$28,800.00
Grafton Fire Department	\$800,000.00	X	20	=	\$160,000.00
Grafton Police Department	\$315,000.00	X	20	=	\$63,000.00
Pruntytown Correctional Center	\$4,800,000.00	X	5	=	\$240,000.00
Taylor County Emergency Communications Center - 911	\$1,550,000.00	X	10	=	\$155,000.00
Taylor County Emergency Operations Center	\$150,000.00	X	10	=	\$15,000.00
Taylor County Jail	\$775,000.00	X	20	=	\$155,000.00
Taylor County Office of Emergency Services	\$500,000.00	X	10	=	\$50,000.00

Contents Loss (Task A.2.)				
Replacement Value of Contents (Step 3) (\$)	X	Percent Damage (step 4) (%)	=	Loss to Contents (\$)
\$225,000.00	X	15	=	\$33,800.00
\$375,000.00	X	25	=	\$93,800.00
\$600,000.00	X	35	=	\$210,000.00
\$0.00	X	0	=	\$0.00
\$0.00	X	0	=	\$0.00
\$0.00	X	0	=	\$0.00
\$0.00	X	0	=	\$0.00
\$155,000.00	X	15	=	\$23,300.00
\$175,000.00	X	20	=	\$35,000.00
\$3,850,000.00	X	20	=	\$770,000.00
\$210,000.00	X	15	=	\$31,500.00
\$185,000.00	X	15	=	\$27,800.00
\$1,250,000.00	X	15	=	\$187,500.00
\$2,950,000.00	X	20	=	\$590,000.00
\$4,000,000.00	X	20	=	\$800,000.00
\$6,450,000.00	X	25	=	\$1,612,500.00
\$225,000.00	X	20	=	\$45,000.00
\$200,000.00	X	20	=	\$40,000.00
\$580,000.00	X	20	=	\$116,000.00
\$110,000.00	X	30	=	\$33,000.00
\$525,000.00	X	15	=	\$78,800.00
\$725,000.00	X	30	=	\$217,500.00
\$310,000.00	X	30	=	\$93,000.00
\$375,000.00	X	15	=	\$56,300.00
\$2,675,000.00	X	20	=	\$535,000.00
\$350,000.00	X	20	=	\$70,000.00
\$150,000.00	X	30	=	\$45,000.00
\$180,000.00	X	20	=	\$36,000.00

Name/Description of Structure	Structure Replacement Value (Step 3) (\$)	X	Percent Damage (Step 4) (%)	=	Loss to Structure (\$)
Taylor County Sheriff's Department	\$675,000.00	X	15	=	\$101,300.00
Thornton Fire Department	\$410,000.00	X	10	=	\$41,000.00
River Valley Chapter of ARC	\$375,000.00	X	10	=	\$37,500.00
Salvation Army	\$290,000.00	X	10	=	\$29,000.00
United States Army Reserve Corp. 363rd Military Police	\$615,000.00	X	10	=	\$61,500.00
West Virginia State Police	\$750,000.00	X	5	=	\$37,500.00
Alliance Personal Care Home	\$355,000.00	X	5	=	\$17,800.00
Beulahland Personal Care	\$315,000.00	X	10	=	\$31,500.00
County Living	\$300,000.00	X	10	=	\$30,000.00
Eldercare Resources	\$310,000.00	X	5	=	\$15,500.00
Flemington Emergency Medical Services	\$50,000.00	X	10	=	\$5,000.00
Grafton City Hospital	\$25,750,000.00	X	15	=	\$3,862,500.00
Grafton Emergency Medical Services	\$80,000.00	X	10	=	\$8,000.00
Hospice Care Corporation	\$2,550,000.00	X	5	=	\$127,500.00
Lighthouse Manor	\$1,750,000.00	X	10	=	\$175,000.00
Medical Center of Taylor County	\$5,950,000.00	X	10	=	\$595,000.00
Rosewood Nursing & Rehabilitation Center	\$3,500,000.00	X	5	=	\$175,000.00
Taylor County Emergency Medical Services	\$300,000.00	X	10	=	\$30,000.00
Taylor County Senior Citizen's Association	\$975,000.00	X	15	=	\$146,300.00
Tygart Valley Total Care Clinic	\$4,500,000.00	X	10	=	\$450,000.00
Valley Health Care System	\$2,000,000.00	X	5	=	\$100,000.00
Anna Jarvis Elementary School	\$2,850,000.00	X	5	=	\$142,500.00
Fellowship Christian Academy	\$2,650,000.00	X	10	=	\$265,000.00
Flemington Elementary School	\$3,050,000.00	X	10	=	\$305,000.00
Grafton High School	\$14,500,000.00	X	5	=	\$725,000.00
Hepzibah Elementary School	\$1,225,000.00	X	5	=	\$61,300.00
Mr. Vernon Elementary School	\$1,650,000.00	X	5	=	\$82,500.00
New Testament Christian Academy	\$1,000,000.00	X	5	=	\$50,000.00
Taylor County Middle School	\$6,575,000.00	X	10	=	\$657,500.00
Taylor County Vocational Center	\$8,500,000.00	X	5	=	\$425,000.00

Replacement Value of Contents (Step 3) (\$)	X	Percent Damage (step 4) (%)	=	Loss to Contents (\$)
\$135,000.00	X	25	=	\$33,800.00
\$355,000.00	X	20	=	\$71,000.00
\$110,000.00	X	20	=	\$22,000.00
\$75,000.00	X	20	=	\$15,000.00
\$650,000.00	X	20	=	\$130,000.00
\$180,000.00	X	15	=	\$27,000.00
\$75,000.00	X	15	=	\$11,300.00
\$60,000.00	X	20	=	\$12,000.00
\$55,000.00	X	20	=	\$11,000.00
\$65,000.00	X	15	=	\$9,800.00
\$160,000.00	X	20	=	\$32,000.00
\$13,750,000.00	X	25	=	\$3,437,500.00
\$210,000.00	X	20	=	\$42,000.00
\$450,000.00	X	15	=	\$67,500.00
\$70,000.00	X	20	=	\$14,000.00
\$765,000.00	X	20	=	\$153,000.00
\$325,000.00	X	15	=	\$48,800.00
\$350,000.00	X	20	=	\$70,000.00
\$200,000.00	X	25	=	\$50,000.00
\$310,000.00	X	20	=	\$62,000.00
\$295,000.00	X	15	=	\$44,300.00
\$250,000.00	X	15	=	\$37,500.00
\$175,000.00	X	20	=	\$35,000.00
\$200,000.00	X	20	=	\$40,000.00
\$355,000.00	X	15	=	\$53,300.00
\$155,000.00	X	15	=	\$23,300.00
\$160,000.00	X	15	=	\$24,000.00
\$145,000.00	X	15	=	\$21,800.00
\$305,000.00	X	20	=	\$61,000.00
\$395,000.00	X	15	=	\$59,300.00

Name/Description of Structure	Structure Replacement Value (Step 3) (\$)	X	Percent Damage (Step 4) (%)	=	Loss to Structure (\$)
West Taylor Elementary School	\$3,250,000.00	X	10	=	\$325,000.00
Bryans Hardware	\$425,000.00	X	10	=	\$42,500.00
Builders Service & Supply Company	\$500,000.00	X	10	=	\$50,000.00
Crislip Motor Lodge	\$375,000.00	X	5	=	\$18,800.00
Dyna Mix, Inc.	\$525,000.00	X	10	=	\$52,500.00
Dyna Tech Adhesives, Inc.	\$850,000.00	X	10	=	\$85,000.00
Estel Machine Company	\$650,000.00	X	5	=	\$32,500.00
Glenn Enterprises	\$775,000.00	X	5	=	\$38,800.00
Grafton County Club Road Industrial Site	\$7,550,000.00	X	5	=	\$377,500.00
Grafton Homes, Inc.	\$225,000.00	X	5	=	\$11,300.00
Grafton Motel	\$985,000.00	X	5	=	\$49,300.00
Grafton Truss & Panel Company	\$895,000.00	X	10	=	\$89,500.00
Harmon Shopping Center	\$5,150,000.00	X	10	=	\$515,000.00
Hart Industries	\$2,000,000.00	X	5	=	\$100,000.00
Jerry Run Industrial Park	\$8,550,000.00	X	5	=	\$427,500.00
K&P Machine Service	\$995,000.00	X	10	=	\$99,500.00
Knotts Industrial Site	\$5,450,000.00	X	10	=	\$545,000.00
Main Street Printers, Inc.	\$550,000.00	X	15	=	\$82,500.00
Mountaineer Custom Cartridge	\$675,000.00	X	15	=	\$101,300.00
Mountaineer Power Equipment	\$345,000.00	X	10	=	\$34,500.00
Packaging Corporation of America	\$865,000.00	X	10	=	\$86,500.00
Refuse Control Systems	\$475,000.00	X	5	=	\$23,800.00
Rex-Hide Industries, Inc.	\$1,750,000.00	X	10	=	\$175,000.00
RRHAMCO, Inc.	\$1,450,000.00	X	5	=	\$72,500.00
Taylor County Board of Education	\$3,650,000.00	X	15	=	\$547,500.00
Taylor County Development Authority	\$2,225,000.00	X	10	=	\$222,500.00
Taylor County Fairgrounds	\$650,000.00	X	10	=	\$65,000.00
Taylor County Supply Company	\$395,000.00	X	5	=	\$19,800.00
Taylor County Workshop	\$775,000.00	X	5	=	\$38,800.00
Thorns Excavating	\$650,000.00	X	10	=	\$65,000.00
Tygart Lake Dam	\$18,500,000.00	X	0	=	\$0.00
Tygart Lake Resort Properties	\$3,775,000.00	X	10	=	\$377,500.00
Vanco Welding & Repair, Inc.	\$1,125,000.00	X	5	=	\$56,300.00
Walmart Associates	\$3,850,000.00	X	10	=	\$385,000.00

Replacement Value of Contents (Step 3) (\$)	X	Percent Damage (step 4) (%)	=	Loss to Contents (\$)
\$230,000.00	X	20	=	\$46,000.00
\$220,000.00	X	20	=	\$44,000.00
\$750,000.00	X	20	=	\$150,000.00
\$175,000.00	X	15	=	\$26,300.00
\$310,000.00	X	20	=	\$62,000.00
\$280,000.00	X	20	=	\$56,000.00
\$250,000.00	X	15	=	\$37,500.00
\$275,000.00	X	15	=	\$41,300.00
\$850,000.00	X	15	=	\$127,500.00
\$540,000.00	X	15	=	\$81,000.00
\$265,000.00	X	15	=	\$39,800.00
\$415,000.00	X	20	=	\$83,000.00
\$1,500,000.00	X	20	=	\$300,000.00
\$575,000.00	X	15	=	\$86,300.00
\$2,000,000.00	X	15	=	\$300,000.00
\$350,000.00	X	20	=	\$70,000.00
\$795,000.00	X	20	=	\$159,000.00
\$125,000.00	X	25	=	\$31,300.00
\$210,000.00	X	25	=	\$52,500.00
\$635,000.00	X	20	=	\$127,000.00
\$410,000.00	X	20	=	\$82,000.00
\$205,000.00	X	15	=	\$30,800.00
\$375,000.00	X	20	=	\$75,000.00
\$415,000.00	X	15	=	\$62,300.00
\$150,000.00	X	25	=	\$37,500.00
\$115,000.00	X	20	=	\$23,000.00
\$50,000.00	X	20	=	\$10,000.00
\$325,000.00	X	15	=	\$48,800.00
\$255,000.00	X	15	=	\$38,300.00
\$545,000.00	X	20	=	\$109,000.00
\$0.00	X	0	=	\$0.00
\$650,000.00	X	20	=	\$130,000.00
\$200,000.00	X	15	=	\$30,000.00
\$1,750,000.00	X	20	=	\$350,000.00

Name/Description of Structure	Structure Replacement Value (Step 3) (\$)	X	Percent Damage (Step 4) (%)	=	Loss to Structure (\$)
West Taylor County Industrial Site	\$6,750,000.00	X	10	=	\$675,000.00
West Virginia Department of Corrections	\$1,200,000.00	X	10	=	\$120,000.00
West Virginia Paving, Inc.	\$425,000.00	X	10	=	\$42,500.00
Flemington Post Office	\$410,000.00	X	10	=	\$41,000.00
Grafton Post Office	\$525,000.00	X	20	=	\$105,000.00
Rosemont Post Office	\$210,000.00	X	15	=	\$31,500.00
Simpson Post Office	\$275,000.00	X	10	=	\$27,500.00
Thornton Post Office	\$200,000.00	X	15	=	\$30,000.00
Taylor County Public Library	\$580,000.00	X	5	=	\$29,000.00
Andrews Methodist Church	\$210,000.00	X	10	=	\$21,000.00
Anna Jarvis Birthplace Museum	\$225,000.00	X	5	=	\$11,300.00
B&O Railroad Station	\$550,000.00	X	15	=	\$82,500.00
Clelland House	\$195,000.00	X	5	=	\$9,800.00
Grafton National Cemetery	\$1,525,000.00	X	5	=	\$76,300.00
Grafton Downtown Commercial Historic District	\$4,500,000.00	X	5	=	\$225,000.00
					<b>\$42,984,300.00</b>

Replacement Value of Contents (Step 3) (\$)	X	Percent Damage (step 4) (%)	=	Loss to Contents (\$)
\$2,450,000.00	X	20	=	\$490,000.00
\$750,000.00	X	20	=	\$150,000.00
\$195,000.00	X	20	=	\$39,000.00
\$110,000.00	X	20	=	\$22,000.00
\$140,000.00	X	30	=	\$42,000.00
\$80,000.00	X	25	=	\$20,000.00
\$95,000.00	X	20	=	\$19,000.00
\$90,000.00	X	25	=	\$22,500.00
\$220,000.00	X	15	=	\$33,000.00
\$65,000.00	X	20	=	\$13,000.00
\$110,000.00	X	15	=	\$16,500.00
\$90,000.00	X	25	=	\$22,500.00
\$70,000.00	X	15	=	\$10,500.00
\$65,000.00	X	15	=	\$9,800.00
\$1,350,000.00	X	15	=	\$202,500.00
				<b>\$14,559,500.00</b>

Hazard: Landslide

Structure Use and Function Loss (Task A.3.)										
Name/Description of Structure	Average Daily Operating Budget (Step 3) (\$)	X	Functional Downtime (Step 4) (# of days)	+	Displacement Cost per Day (Step 3) (\$)	X	Displacement Time (Step 4) (\$)	=	Structure Use & Function Loss (\$)	Structure Loss + Content Loss + Function Loss (\$)
Flemington Town Hall	\$550.00	X	2	+	\$55.00	X	5	=	\$1,375.00	\$135,175.00
Grafton City Hall	\$800.00	X	4	+	\$80.00	X	7	=	\$3,760.00	\$510,060.00
Taylor County Courthouse	\$950.00	X	6	+	\$95.00	X	10	=	\$6,650.00	\$1,091,650.00
Bridges	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Railroads	\$0.00	X	1	+	\$0.00	X	1	=	\$0.00	\$3,800,000.00
Roads	\$0.00	X	1	+	\$0.00	X	1	=	\$0.00	\$19,000,000.00
Roy Airfield	\$0.00	X	1	+	\$0.00	X	1	=	\$0.00	\$45,000.00
Allegheny Power	\$12,000.00	X	2	+	\$6,000.00	X	2	=	\$36,000.00	\$109,600.00
Bowie Gas	\$7,000.00	X	3	+	\$4,550.00	X	6	=	\$48,300.00	\$120,800.00
Grafton Wastewater Treatment Plant	\$5,000.00	X	3	+	\$3,250.00	X	6	=	\$34,500.00	\$1,227,000.00
Equitable Gas	\$9,000.00	X	2	+	\$5,200.00	X	5	=	\$44,000.00	\$96,300.00
Equitrans Gas	\$8,000.00	X	2	+	\$4,950.00	X	5	=	\$40,750.00	\$88,850.00
Haymond Public Service District	\$900.00	X	2	+	\$615.00	X	5	=	\$4,875.00	\$279,875.00
Mountain View Water Association	\$2,450.00	X	3	+	\$1,550.00	X	6	=	\$16,650.00	\$981,650.00
Southwestern Public Service District	\$2,400.00	X	3	+	\$1,440.00	X	6	=	\$15,840.00	\$915,840.00
Taylor County Public Service District	\$4,000.00	X	4	+	\$3,150.00	X	7	=	\$38,050.00	\$2,621,850.00
Time Warner Cable	\$6,000.00	X	3	+	\$4,200.00	X	6	=	\$43,200.00	\$183,200.00
West Side Communications	\$3,250.00	X	3	+	\$2,275.00	X	6	=	\$23,400.00	\$140,900.00
West Virginia Division of Highways	\$850.00	X	3	+	\$360.00	X	6	=	\$4,710.00	\$155,710.00
CSX Police Department	\$310.00	X	5	+	\$170.00	X	8	=	\$2,910.00	\$96,910.00
Flemington Volunteer Fire Department	\$275.00	X	2	+	\$155.00	X	5	=	\$1,325.00	\$108,925.00
Grafton Fire Department	\$400.00	X	5	+	\$220.00	X	8	=	\$3,760.00	\$381,260.00
Grafton Police Department	\$650.00	X	5	+	\$357.00	X	8	=	\$6,106.00	\$162,106.00
Pruntytown Correctional Center	\$850.00	X	2	+	\$553.00	X	5	=	\$4,465.00	\$300,765.00
Taylor County Emergency Communications Center - 911	\$150.00	X	3	+	\$300.00	X	6	=	\$2,250.00	\$692,250.00
Taylor County Emergency Operations Center	\$315.00	X	3	+	\$350.00	X	6	=	\$3,045.00	\$88,045.00
Taylor County Jail	\$450.00	X	5	+	\$540.00	X	8	=	\$6,570.00	\$206,570.00
Taylor County Office of Emergency Services	\$375.00	X	3	+	\$415.00	X	6	=	\$3,615.00	\$89,615.00

Name/Description of Structure	Average Daily Operating Budget (Step 3) (\$)	X	Functional Downtime (Step 4) (# of days)	+	Displacement Cost per Day (Step 3) (\$)	X	Displacement Time (Step 4) (\$)	=	Structure Use & Function Loss (\$)	Structure Loss + Content Loss + Function Loss (\$)
Taylor County Sheriff's Department	\$710.00	X	4	+	\$785.00	X	7	=	\$8,335.00	\$143,435.00
Thornton Fire Department	\$215.00	X	3	+	\$260.00	X	6	=	\$2,205.00	\$114,205.00
River Valley Chapter of ARC	\$310.00	X	3	+	\$210.00	X	6	=	\$2,190.00	\$61,690.00
Salvation Army	\$175.00	X	3	+	\$115.00	X	6	=	\$1,215.00	\$45,215.00
United States Army Reserve Corp. 363rd Military Police	\$845.00	X	3	+	\$635.00	X	6	=	\$6,345.00	\$197,845.00
West Virginia State Police	\$965.00	X	2	+	\$920.00	X	5	=	\$6,530.00	\$71,030.00
Alliance Personal Care Home	\$1,400.00	X	2	+	\$1,540.00	X	5	=	\$10,500.00	\$39,600.00
Beulahland Personal Care	\$900.00	X	3	+	\$990.00	X	6	=	\$8,640.00	\$52,140.00
County Living	\$625.00	X	3	+	\$690.00	X	6	=	\$6,015.00	\$47,015.00
Eldercare Resources	\$4,000.00	X	2	+	\$4,400.00	X	5	=	\$30,000.00	\$55,300.00
Flemington Emergency Medical Services	\$150.00	X	3	+	\$185.00	X	6	=	\$1,560.00	\$38,560.00
Grafton City Hospital	\$18,000.00	X	4	+	\$27,000.00	X	7	=	\$261,000.00	\$7,561,000.00
Grafton Emergency Medical Services	\$195.00	X	3	+	\$215.00	X	6	=	\$1,875.00	\$51,875.00
Hospice Care Corporation	\$1,375.00	X	2	+	\$1,725.00	X	5	=	\$11,375.00	\$206,375.00
Lighthouse Manor	\$750.00	X	3	+	\$825.00	X	6	=	\$7,200.00	\$196,200.00
Medical Center of Taylor County	\$1,425.00	X	3	+	\$1,560.00	X	6	=	\$13,635.00	\$761,635.00
Rosewood Nursing & Rehabilitation Center	\$1,150.00	X	2	+	\$1,265.00	X	5	=	\$8,625.00	\$232,425.00
Taylor County Emergency Medical Services	\$210.00	X	3	+	\$230.00	X	6	=	\$2,010.00	\$102,010.00
Taylor County Senior Citizen's Association	\$345.00	X	4	+	\$260.00	X	7	=	\$3,200.00	\$199,500.00
Tygart Valley Total Care Clinic	\$1,275.00	X	3	+	\$1,420.00	X	6	=	\$12,345.00	\$524,345.00
Valley Health Care System	\$1,200.00	X	2	+	\$1,320.00	X	5	=	\$9,000.00	\$153,300.00
Anna Jarvis Elementary School	\$750.00	X	2	+	\$940.00	X	5	=	\$6,200.00	\$186,200.00
Fellowship Christian Academy	\$510.00	X	3	+	\$640.00	X	6	=	\$5,370.00	\$305,370.00
Flemington Elementary School	\$655.00	X	3	+	\$820.00	X	6	=	\$6,885.00	\$351,885.00
Grafton High School	\$1,100.00	X	2	+	\$1,375.00	X	5	=	\$9,075.00	\$787,375.00
Hepzibah Elementary School	\$495.00	X	2	+	\$620.00	X	5	=	\$4,090.00	\$88,690.00
Mr. Vernon Elementary School	\$480.00	X	2	+	\$600.00	X	5	=	\$3,960.00	\$110,460.00
New Testament Christian Academy	\$500.00	X	2	+	\$625.00	X	5	=	\$4,125.00	\$75,925.00
Taylor County Middle School	\$985.00	X	3	+	\$1,235.00	X	6	=	\$10,365.00	\$728,865.00
Taylor County Vocational Center	\$935.00	X	2	+	\$1,170.00	X	5	=	\$7,720.00	\$492,020.00

Name/Description of Structure	Average Daily Operating Budget (Step 3) (\$)	X	Functional Downtime (Step 4) (# of days)	+	Displacement Cost per Day (Step 3) (\$)	X	Displacement Time (Step 4) (\$)	=	Structure Use & Function Loss (\$)	Structure Loss + Content Loss + Function Loss (\$)
West Taylor Elementary School	\$625.00	X	3	+	\$785.00	X	6	=	\$6,585.00	\$377,585.00
Bryans Hardware	\$760.00	X	3	+	\$460.00	X	6	=	\$5,040.00	\$91,540.00
Builders Service & Supply Company	\$2,500.00	X	3	+	\$1,550.00	X	6	=	\$16,800.00	\$216,800.00
Crislip Motor Lodge	\$1,095.00	X	2	+	\$880.00	X	5	=	\$6,590.00	\$51,690.00
Dyna Mix, Inc.	\$2,450.00	X	3	+	\$1,845.00	X	6	=	\$18,420.00	\$132,920.00
Dyna Tech Adhesives, Inc.	\$2,645.00	X	3	+	\$2,125.00	X	6	=	\$20,685.00	\$161,685.00
Estel Machine Company	\$1,250.00	X	2	+	\$1,000.00	X	5	=	\$7,500.00	\$77,500.00
Glenn Enterprises	\$9,000.00	X	2	+	\$6,850.00	X	5	=	\$52,250.00	\$132,350.00
Grafton County Club Road Industrial Site	\$5,650.00	X	2	+	\$4,520.00	X	5	=	\$33,900.00	\$538,900.00
Grafton Homes, Inc.	\$3,675.00	X	2	+	\$3,200.00	X	5	=	\$23,350.00	\$115,650.00
Grafton Motel	\$1,325.00	X	2	+	\$1,300.00	X	5	=	\$9,150.00	\$98,250.00
Grafton Truss & Panel Company	\$1,890.00	X	3	+	\$1,606.00	X	6	=	\$15,306.00	\$187,806.00
Harmon Shopping Center	\$2,850.00	X	3	+	\$2,280.00	X	6	=	\$22,230.00	\$837,230.00
Hart Industries	\$3,150.00	X	2	+	\$2,680.00	X	5	=	\$19,700.00	\$206,000.00
Jerry Run Industrial Park	\$4,500.00	X	2	+	\$3,825.00	X	5	=	\$28,125.00	\$755,625.00
K&P Machine Service	\$1,200.00	X	3	+	\$780.00	X	6	=	\$8,280.00	\$177,780.00
Knotts Industrial Site	\$4,250.00	X	3	+	\$3,615.00	X	6	=	\$34,440.00	\$738,440.00
Main Street Printers, Inc.	\$375.00	X	4	+	\$300.00	X	7	=	\$3,600.00	\$117,400.00
Mountaineer Custom Cartridge	\$410.00	X	4	+	\$350.00	X	7	=	\$4,090.00	\$157,890.00
Mountaineer Power Equipment	\$750.00	X	3	+	\$638.00	X	6	=	\$6,078.00	\$167,578.00
Packaging Corporation of America	\$1,165.00	X	3	+	\$990.00	X	6	=	\$9,435.00	\$177,935.00
Refuse Control Systems	\$895.00	X	2	+	\$761.00	X	5	=	\$5,595.00	\$60,195.00
Rex-Hide Industries, Inc.	\$11,500.00	X	3	+	\$10,350.00	X	6	=	\$96,600.00	\$346,600.00
RRHAMCO, Inc.	\$3,100.00	X	2	+	\$2,635.00	X	5	=	\$19,375.00	\$154,175.00
Taylor County Board of Education	\$8,250.00	X	4	+	\$5,363.00	X	7	=	\$70,541.00	\$655,541.00
Taylor County Development Authority	\$950.00	X	3	+	\$715.00	X	6	=	\$7,140.00	\$252,640.00
Taylor County Fairgrounds	\$180.00	X	3	+	\$90.00	X	6	=	\$1,080.00	\$76,080.00
Taylor County Supply Company	\$950.00	X	2	+	\$810.00	X	5	=	\$5,950.00	\$74,550.00
Taylor County Workshop	\$685.00	X	2	+	\$514.00	X	5	=	\$3,940.00	\$81,040.00
Thorns Excavating	\$1,150.00	X	3	+	\$863.00	X	6	=	\$8,628.00	\$182,628.00
Tygart Lake Dam	\$1,785.00	X	0	+	\$2,677.00	X	0	=	\$0.00	\$0.00
Tygart Lake Resort Properties	\$250.00	X	3	+	\$200.00	X	6	=	\$1,950.00	\$509,450.00
Vanco Welding & Repair, Inc.	\$1,075.00	X	2	+	\$914.00	X	5	=	\$6,720.00	\$93,020.00
Walmart Associates	\$21,000.00	X	3	+	\$17,850.00	X	6	=	\$170,100.00	\$905,100.00

Name/Description of Structure	Average Daily Operating Budget (Step 3) (\$)	X	Functional Downtime (Step 4) (# of days)	+	Displacement Cost per Day (Step 3) (\$)	X	Displacement Time (Step 4) (\$)	=	Structure Use & Function Loss (\$)	Structure Loss + Content Loss + Function Loss (\$)
West Taylor County Industrial Site	\$3,950.00	X	3	+	\$3,350.00	X	6	=	\$31,950.00	\$1,196,950.00
West Virginia Department of Corrections	\$10,000.00	X	3	+	\$8,500.00	X	6	=	\$81,000.00	\$351,000.00
West Virginia Paving, Inc.	\$1,150.00	X	3	+	\$920.00	X	6	=	\$8,970.00	\$90,470.00
Flemington Post Office	\$265.00	X	3	+	\$240.00	X	6	=	\$2,235.00	\$65,235.00
Grafton Post Office	\$310.00	X	5	+	\$280.00	X	8	=	\$3,790.00	\$150,790.00
Rosemont Post Office	\$215.00	X	4	+	\$195.00	X	7	=	\$2,225.00	\$53,725.00
Simpson Post Office	\$225.00	X	3	+	\$205.00	X	6	=	\$1,905.00	\$48,405.00
Thornton Post Office	\$210.00	X	4	+	\$190.00	X	7	=	\$2,170.00	\$54,670.00
Taylor County Public Library	\$625.00	X	2	+	\$565.00	X	5	=	\$4,075.00	\$66,075.00
Andrews Methodist Church	\$0.00	X	3	+	\$0.00	X	6	=	\$0.00	\$34,000.00
Anna Jarvis Birthplace Museum	\$0.00	X	2	+	\$0.00	X	5	=	\$0.00	\$27,800.00
B&O Railroad Station	\$415.00	X	4	+	\$353.00	X	7	=	\$4,131.00	\$109,131.00
Clelland House	\$0.00	X	2	+	\$0.00	X	5	=	\$0.00	\$20,300.00
Grafton National Cemetery	\$270.00	X	2	+	\$180.00	X	5	=	\$1,440.00	\$87,540.00
Grafton Downtown Commercial Historic District	\$2,055.00	X	2	+	\$1,335.00	X	5	=	\$10,785.00	\$438,285.00
									<b>\$1,771,500.00</b>	<b>\$59,315,300.00</b>

**Hazard: Severe Thunderstorm**

<b>Structure Loss (Task A.1.)</b>					
<b>Name/Description of Structure</b>	<b>Structure Replacement Value (Step 3) (\$)</b>	<b>X</b>	<b>Percent Damage (Step 4) (%)</b>	<b>=</b>	<b>Loss to Structure (\$)</b>
Flemington Town Hall	\$2,000,000.00	X	0	=	\$0.00
Grafton City Hall	\$2,750,000.00	X	0	=	\$0.00
Taylor County Courthouse	\$3,500,000.00	X	0	=	\$0.00
Bridges	\$215,000,000.00	X	0	=	\$0.00
Railroads	\$190,000,000.00	X	0	=	\$0.00
Roads	\$950,000,000.00	X	0	=	\$0.00
Roy Airfield	\$450,000.00	X	0	=	\$0.00
Allegheny Power	\$1,005,000.00	X	0	=	\$0.00
Bowie Gas	\$375,000.00	X	0	=	\$0.00
Grafton Wastewater Treatment Plant	\$4,225,000.00	X	0	=	\$0.00
Equitable Gas	\$415,000.00	X	0	=	\$0.00
Equitrans Gas	\$405,000.00	X	0	=	\$0.00
Haymond Public Service District	\$1,750,000.00	X	0	=	\$0.00
Mountain View Water Association	\$3,750,000.00	X	0	=	\$0.00
Southwestern Public Service District	\$1,000,000.00	X	0	=	\$0.00
Taylor County Public Service District	\$6,475,000.00	X	0	=	\$0.00
Time Warner Cable	\$950,000.00	X	1	=	\$9,500.00
West Side Communications	\$775,000.00	X	1	=	\$7,800.00
West Virginia Division of Highways	\$350,000.00	X	1	=	\$3,500.00
CSX Police Department	\$305,000.00	X	1	=	\$3,100.00
Flemington Volunteer Fire Department	\$575,000.00	X	1	=	\$5,800.00
Grafton Fire Department	\$800,000.00	X	1	=	\$8,000.00
Grafton Police Department	\$315,000.00	X	1	=	\$3,200.00
Pruntytown Correctional Center	\$4,800,000.00	X	0	=	\$0.00
Taylor County Emergency Communications Center - 911	\$1,550,000.00	X	0	=	\$0.00
Taylor County Emergency Operations Center	\$150,000.00	X	0	=	\$0.00
Taylor County Jail	\$775,000.00	X	0	=	\$0.00
Taylor County Office of Emergency Services	\$500,000.00	X	0	=	\$0.00

<b>Contents Loss (Task A.2.)</b>				
<b>Replacement Value of Contents (Step 3) (\$)</b>	<b>X</b>	<b>Percent Damage (step 4) (%)</b>	<b>=</b>	<b>Loss to Contents (\$)</b>
\$225,000.00	X	0	=	\$0.00
\$375,000.00	X	0	=	\$0.00
\$600,000.00	X	0	=	\$0.00
\$0.00	X	0	=	\$0.00
\$0.00	X	0	=	\$0.00
\$0.00	X	0	=	\$0.00
\$0.00	X	0	=	\$0.00
\$155,000.00	X	0	=	\$0.00
\$175,000.00	X	0	=	\$0.00
\$3,850,000.00	X	0	=	\$0.00
\$210,000.00	X	0	=	\$0.00
\$185,000.00	X	0	=	\$0.00
\$1,250,000.00	X	0	=	\$0.00
\$2,950,000.00	X	0	=	\$0.00
\$4,000,000.00	X	0	=	\$0.00
\$6,450,000.00	X	0	=	\$0.00
\$225,000.00	X	0	=	\$0.00
\$200,000.00	X	0	=	\$0.00
\$580,000.00	X	0	=	\$0.00
\$110,000.00	X	0	=	\$0.00
\$525,000.00	X	0	=	\$0.00
\$725,000.00	X	0	=	\$0.00
\$310,000.00	X	0	=	\$0.00
\$375,000.00	X	0	=	\$0.00
\$2,675,000.00	X	0	=	\$0.00
\$350,000.00	X	0	=	\$0.00
\$150,000.00	X	0	=	\$0.00
\$180,000.00	X	0	=	\$0.00

Name/Description of Structure	Structure Replacement Value (Step 3) (\$)	X	Percent Damage (Step 4) (%)	=	Loss to Structure (\$)
Taylor County Sheriff's Department	\$675,000.00	X	0	=	\$0.00
Thornton Fire Department	\$410,000.00	X	1	=	\$4,100.00
River Valley Chapter of ARC	\$375,000.00	X	1	=	\$3,800.00
Salvation Army	\$290,000.00	X	1	=	\$2,900.00
United States Army Reserve Corp. 363rd Military Police	\$615,000.00	X	0	=	\$0.00
West Virginia State Police	\$750,000.00	X	0	=	\$0.00
Alliance Personal Care Home	\$355,000.00	X	1	=	\$3,600.00
Beulahland Personal Care	\$315,000.00	X	1	=	\$3,200.00
County Living	\$300,000.00	X	1	=	\$3,000.00
Eldercare Resources	\$310,000.00	X	1	=	\$3,100.00
Flemington Emergency Medical Services	\$50,000.00	X	1	=	\$500.00
Grafton City Hospital	\$25,750,000.00	X	0	=	\$0.00
Grafton Emergency Medical Services	\$80,000.00	X	1	=	\$800.00
Hospice Care Corporation	\$2,550,000.00	X	0	=	\$0.00
Lighthouse Manor	\$1,750,000.00	X	1	=	\$17,500.00
Medical Center of Taylor County	\$5,950,000.00	X	0	=	\$0.00
Rosewood Nursing & Rehabilitation Center	\$3,500,000.00	X	0	=	\$0.00
Taylor County Emergency Medical Services	\$300,000.00	X	1	=	\$3,000.00
Taylor County Senior Citizen's Association	\$975,000.00	X	1	=	\$9,800.00
Tygart Valley Total Care Clinic	\$4,500,000.00	X	0	=	\$0.00
Valley Health Care System	\$2,000,000.00	X	0	=	\$0.00
Anna Jarvis Elementary School	\$2,850,000.00	X	0	=	\$0.00
Fellowship Christian Academy	\$2,650,000.00	X	0	=	\$0.00
Flemington Elementary School	\$3,050,000.00	X	0	=	\$0.00
Grafton High School	\$14,500,000.00	X	0	=	\$0.00
Hepzibah Elementary School	\$1,225,000.00	X	0	=	\$0.00
Mr. Vernon Elementary School	\$1,650,000.00	X	0	=	\$0.00
New Testament Christian Academy	\$1,000,000.00	X	0	=	\$0.00
Taylor County Middle School	\$6,575,000.00	X	0	=	\$0.00
Taylor County Vocational Center	\$8,500,000.00	X	0	=	\$0.00

Replacement Value of Contents (Step 3) (\$)	X	Percent Damage (step 4) (%)	=	Loss to Contents (\$)
\$135,000.00	X	0	=	\$0.00
\$355,000.00	X	0	=	\$0.00
\$110,000.00	X	0	=	\$0.00
\$75,000.00	X	0	=	\$0.00
\$650,000.00	X	0	=	\$0.00
\$180,000.00	X	0	=	\$0.00
\$75,000.00	X	0	=	\$0.00
\$60,000.00	X	0	=	\$0.00
\$55,000.00	X	0	=	\$0.00
\$65,000.00	X	0	=	\$0.00
\$160,000.00	X	0	=	\$0.00
\$13,750,000.00	X	0	=	\$0.00
\$210,000.00	X	0	=	\$0.00
\$450,000.00	X	0	=	\$0.00
\$70,000.00	X	0	=	\$0.00
\$765,000.00	X	0	=	\$0.00
\$325,000.00	X	0	=	\$0.00
\$350,000.00	X	0	=	\$0.00
\$200,000.00	X	0	=	\$0.00
\$310,000.00	X	0	=	\$0.00
\$295,000.00	X	0	=	\$0.00
\$250,000.00	X	0	=	\$0.00
\$175,000.00	X	0	=	\$0.00
\$200,000.00	X	0	=	\$0.00
\$355,000.00	X	0	=	\$0.00
\$155,000.00	X	0	=	\$0.00
\$160,000.00	X	0	=	\$0.00
\$145,000.00	X	0	=	\$0.00
\$305,000.00	X	0	=	\$0.00
\$395,000.00	X	0	=	\$0.00

Name/Description of Structure	Structure Replacement Value (Step 3) (\$)	X	Percent Damage (Step 4) (%)	=	Loss to Structure (\$)
West Taylor Elementary School	\$3,250,000.00	X	0	=	\$0.00
Bryans Hardware	\$425,000.00	X	1	=	\$4,300.00
Builders Service & Supply Company	\$500,000.00	X	1	=	\$5,000.00
Crislip Motor Lodge	\$375,000.00	X	1	=	\$3,800.00
Dyna Mix, Inc.	\$525,000.00	X	0	=	\$0.00
Dyna Tech Adhesives, Inc.	\$850,000.00	X	0	=	\$0.00
Estel Machine Company	\$650,000.00	X	0	=	\$0.00
Glenn Enterprises	\$775,000.00	X	1	=	\$7,800.00
Grafton County Club Road Industrial Site	\$7,550,000.00	X	0	=	\$0.00
Grafton Homes, Inc.	\$225,000.00	X	1	=	\$2,300.00
Grafton Motel	\$985,000.00	X	1	=	\$9,900.00
Grafton Truss & Panel Company	\$895,000.00	X	1	=	\$9,000.00
Harmon Shopping Center	\$5,150,000.00	X	0	=	\$0.00
Hart Industries	\$2,000,000.00	X	0	=	\$0.00
Jerry Run Industrial Park	\$8,550,000.00	X	0	=	\$0.00
K&P Machine Service	\$995,000.00	X	0	=	\$0.00
Knotts Industrial Site	\$5,450,000.00	X	0	=	\$0.00
Main Street Printers, Inc.	\$550,000.00	X	1	=	\$5,500.00
Mountaineer Custom Cartridge	\$675,000.00	X	1	=	\$6,800.00
Mountaineer Power Equipment	\$345,000.00	X	1	=	\$3,500.00
Packaging Corporation of America	\$865,000.00	X	1	=	\$8,700.00
Refuse Control Systems	\$475,000.00	X	1	=	\$4,800.00
Rex-Hide Industries, Inc.	\$1,750,000.00	X	0	=	\$0.00
RRHAMCO, Inc.	\$1,450,000.00	X	0	=	\$0.00
Taylor County Board of Education	\$3,650,000.00	X	0	=	\$0.00
Taylor County Development Authority	\$2,225,000.00	X	0	=	\$0.00
Taylor County Fairgrounds	\$650,000.00	X	1	=	\$6,500.00
Taylor County Supply Company	\$395,000.00	X	1	=	\$4,000.00
Taylor County Workshop	\$775,000.00	X	1	=	\$7,800.00
Thorns Excavating	\$650,000.00	X	1	=	\$6,500.00
Tygart Lake Dam	\$18,500,000.00	X	0	=	\$0.00
Tygart Lake Resort Properties	\$3,775,000.00	X	1	=	\$37,800.00
Vanco Welding & Repair, Inc.	\$1,125,000.00	X	0	=	\$0.00
Walmart Associates	\$3,850,000.00	X	0	=	\$0.00

Replacement Value of Contents (Step 3) (\$)	X	Percent Damage (step 4) (%)	=	Loss to Contents (\$)
\$230,000.00	X	0	=	\$0.00
\$220,000.00	X	0	=	\$0.00
\$750,000.00	X	0	=	\$0.00
\$175,000.00	X	0	=	\$0.00
\$310,000.00	X	0	=	\$0.00
\$280,000.00	X	0	=	\$0.00
\$250,000.00	X	0	=	\$0.00
\$275,000.00	X	0	=	\$0.00
\$850,000.00	X	0	=	\$0.00
\$540,000.00	X	0	=	\$0.00
\$265,000.00	X	0	=	\$0.00
\$415,000.00	X	0	=	\$0.00
\$1,500,000.00	X	0	=	\$0.00
\$575,000.00	X	0	=	\$0.00
\$2,000,000.00	X	0	=	\$0.00
\$350,000.00	X	0	=	\$0.00
\$795,000.00	X	0	=	\$0.00
\$125,000.00	X	0	=	\$0.00
\$210,000.00	X	0	=	\$0.00
\$635,000.00	X	0	=	\$0.00
\$410,000.00	X	0	=	\$0.00
\$205,000.00	X	0	=	\$0.00
\$375,000.00	X	0	=	\$0.00
\$415,000.00	X	0	=	\$0.00
\$150,000.00	X	0	=	\$0.00
\$115,000.00	X	0	=	\$0.00
\$50,000.00	X	0	=	\$0.00
\$325,000.00	X	0	=	\$0.00
\$255,000.00	X	0	=	\$0.00
\$545,000.00	X	0	=	\$0.00
\$0.00	X	0	=	\$0.00
\$650,000.00	X	0	=	\$0.00
\$200,000.00	X	0	=	\$0.00
\$1,750,000.00	X	0	=	\$0.00

Name/Description of Structure	Structure Replacement Value (Step 3) (\$)	X	Percent Damage (Step 4) (%)	=	Loss to Structure (\$)
West Taylor County Industrial Site	\$6,750,000.00	X	0	=	\$0.00
West Virginia Department of Corrections	\$1,200,000.00	X	0	=	\$0.00
West Virginia Paving, Inc.	\$425,000.00	X	0	=	\$0.00
Flemington Post Office	\$410,000.00	X	0	=	\$0.00
Grafton Post Office	\$525,000.00	X	0	=	\$0.00
Rosemont Post Office	\$210,000.00	X	0	=	\$0.00
Simpson Post Office	\$275,000.00	X	0	=	\$0.00
Thornton Post Office	\$200,000.00	X	0	=	\$0.00
Taylor County Public Library	\$580,000.00	X	0	=	\$0.00
Andrews Methodist Church	\$210,000.00	X	1	=	\$2,100.00
Anna Jarvis Birthplace Museum	\$225,000.00	X	0	=	\$0.00
B&O Railroad Station	\$550,000.00	X	0	=	\$0.00
Clelland House	\$195,000.00	X	1	=	\$2,000.00
Grafton National Cemetery	\$1,525,000.00	X	0	=	\$0.00
Grafton Downtown Commercial Historic District	\$4,500,000.00	X	0	=	\$0.00
					<b>\$234,300.00</b>

Replacement Value of Contents (Step 3) (\$)	X	Percent Damage (step 4) (%)	=	Loss to Contents (\$)
\$2,450,000.00	X	0	=	\$0.00
\$750,000.00	X	0	=	\$0.00
\$195,000.00	X	0	=	\$0.00
\$110,000.00	X	0	=	\$0.00
\$140,000.00	X	0	=	\$0.00
\$80,000.00	X	0	=	\$0.00
\$95,000.00	X	0	=	\$0.00
\$90,000.00	X	0	=	\$0.00
\$220,000.00	X	0	=	\$0.00
\$65,000.00	X	0	=	\$0.00
\$110,000.00	X	0	=	\$0.00
\$90,000.00	X	0	=	\$0.00
\$70,000.00	X	0	=	\$0.00
\$65,000.00	X	0	=	\$0.00
\$1,350,000.00	X	0	=	\$0.00
				<b>\$0.00</b>

**Hazard: Severe Thunderstorm**

Structure Use and Function Loss (Task A.3.)										
Name/Description of Structure	Average Daily Operating Budget (Step 3) (\$)	X	Functional Downtime (Step 4) (# of days)	+	Displacement Cost per Day (Step 3) (\$)	X	Displacement Time (Step 4) (\$)	=	Structure Use & Function Loss (\$)	Structure Loss + Content Loss + Function Loss (\$)
Flemington Town Hall	\$550.00	X	0.5	+	\$55.00	X	1	=	\$330.00	\$330.00
Grafton City Hall	\$800.00	X	0.5	+	\$80.00	X	1	=	\$480.00	\$480.00
Taylor County Courthouse	\$950.00	X	0.5	+	\$95.00	X	1	=	\$570.00	\$570.00
Bridges	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Railroads	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Roads	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Roy Airfield	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Allegheny Power	\$12,000.00	X	0	+	\$6,000.00	X	0	=	\$0.00	\$0.00
Bowie Gas	\$7,000.00	X	0	+	\$4,550.00	X	0	=	\$0.00	\$0.00
Grafton Wastewater Treatment Plant	\$5,000.00	X	0	+	\$3,250.00	X	0	=	\$0.00	\$0.00
Equitable Gas	\$9,000.00	X	0	+	\$5,200.00	X	0	=	\$0.00	\$0.00
Equitrans Gas	\$8,000.00	X	0	+	\$4,950.00	X	0	=	\$0.00	\$0.00
Haymond Public Service District	\$900.00	X	0	+	\$615.00	X	0	=	\$0.00	\$0.00
Mountain View Water Association	\$2,450.00	X	0	+	\$1,550.00	X	0	=	\$0.00	\$0.00
Southwestern Public Service District	\$2,400.00	X	0	+	\$1,440.00	X	0	=	\$0.00	\$0.00
Taylor County Public Service District	\$4,000.00	X	0	+	\$3,150.00	X	0	=	\$0.00	\$0.00
Time Warner Cable	\$6,000.00	X	0.5	+	\$4,200.00	X	1	=	\$7,200.00	\$16,700.00
West Side Communications	\$3,250.00	X	0.5	+	\$2,275.00	X	1	=	\$3,900.00	\$11,700.00
West Virginia Division of Highways	\$850.00	X	0.5	+	\$360.00	X	1	=	\$785.00	\$4,285.00
CSX Police Department	\$310.00	X	0	+	\$170.00	X	0	=	\$0.00	\$3,100.00
Flemington Volunteer Fire Department	\$275.00	X	0	+	\$155.00	X	0	=	\$0.00	\$5,800.00
Grafton Fire Department	\$400.00	X	0	+	\$220.00	X	0	=	\$0.00	\$8,000.00
Grafton Police Department	\$650.00	X	0	+	\$357.00	X	0	=	\$0.00	\$3,200.00
Pruntytown Correctional Center	\$850.00	X	0	+	\$553.00	X	0	=	\$0.00	\$0.00
Taylor County Emergency Communications Center - 911	\$150.00	X	0	+	\$300.00	X	0	=	\$0.00	\$0.00
Taylor County Emergency Operations Center	\$315.00	X	0	+	\$350.00	X	0	=	\$0.00	\$0.00
Taylor County Jail	\$450.00	X	0	+	\$540.00	X	0	=	\$0.00	\$0.00
Taylor County Office of Emergency Services	\$375.00	X	0	+	\$415.00	X	0	=	\$0.00	\$0.00

Name/Description of Structure	Average Daily Operating Budget (Step 3) (\$)	X	Functional Downtime (Step 4) (# of days)	+	Displacement Cost per Day (Step 3) (\$)	X	Displacement Time (Step 4) (\$)	=	Structure Use & Function Loss (\$)	Structure Loss + Content Loss + Function Loss (\$)
Taylor County Sheriff's Department	\$710.00	X	0	+	\$785.00	X	0	=	\$0.00	\$0.00
Thornton Fire Department	\$215.00	X	0	+	\$260.00	X	0	=	\$0.00	\$4,100.00
River Valley Chapter of ARC	\$310.00	X	0.5	+	\$210.00	X	1	=	\$365.00	\$4,165.00
Salvation Army	\$175.00	X	0.5	+	\$115.00	X	1	=	\$202.50	\$3,102.50
United States Army Reserve Corp. 363rd Military Police	\$845.00	X	0	+	\$635.00	X	0	=	\$0.00	\$0.00
West Virginia State Police	\$965.00	X	0	+	\$920.00	X	0	=	\$0.00	\$0.00
Alliance Personal Care Home	\$1,400.00	X	0.5	+	\$1,540.00	X	1	=	\$2,240.00	\$5,840.00
Beulahland Personal Care	\$900.00	X	0.5	+	\$990.00	X	1	=	\$1,440.00	\$4,640.00
County Living	\$625.00	X	0.5	+	\$690.00	X	1	=	\$1,002.50	\$4,002.50
Eldercare Resources	\$4,000.00	X	0.5	+	\$4,400.00	X	1	=	\$6,400.00	\$9,500.00
Flemington Emergency Medical Services	\$150.00	X	0	+	\$185.00	X	0	=	\$0.00	\$500.00
Grafton City Hospital	\$18,000.00	X	0	+	\$27,000.00	X	0	=	\$0.00	\$0.00
Grafton Emergency Medical Services	\$195.00	X	0	+	\$215.00	X	0	=	\$0.00	\$800.00
Hospice Care Corporation	\$1,375.00	X	0	+	\$1,725.00	X	0	=	\$0.00	\$0.00
Lighthouse Manor	\$750.00	X	0.5	+	\$825.00	X	1	=	\$1,200.00	\$18,700.00
Medical Center of Taylor County	\$1,425.00	X	0	+	\$1,560.00	X	0	=	\$0.00	\$0.00
Rosewood Nursing & Rehabilitation Center	\$1,150.00	X	0.5	+	\$1,265.00	X	1	=	\$1,840.00	\$1,840.00
Taylor County Emergency Medical Services	\$210.00	X	0	+	\$230.00	X	0	=	\$0.00	\$3,000.00
Taylor County Senior Citizen's Association	\$345.00	X	0	+	\$260.00	X	0	=	\$0.00	\$9,800.00
Tygart Valley Total Care Clinic	\$1,275.00	X	0	+	\$1,420.00	X	0	=	\$0.00	\$0.00
Valley Health Care System	\$1,200.00	X	0	+	\$1,320.00	X	0	=	\$0.00	\$0.00
Anna Jarvis Elementary School	\$750.00	X	0.5	+	\$940.00	X	1	=	\$1,315.00	\$1,315.00
Fellowship Christian Academy	\$510.00	X	0.5	+	\$640.00	X	1	=	\$895.00	\$895.00
Flemington Elementary School	\$655.00	X	0.5	+	\$820.00	X	1	=	\$1,147.50	\$1,147.50
Grafton High School	\$1,100.00	X	0.5	+	\$1,375.00	X	1	=	\$1,925.00	\$1,925.00
Hepzibah Elementary School	\$495.00	X	0.5	+	\$620.00	X	1	=	\$867.50	\$867.50
Mr. Vernon Elementary School	\$480.00	X	0.5	+	\$600.00	X	1	=	\$840.00	\$840.00
New Testament Christian Academy	\$500.00	X	0.5	+	\$625.00	X	1	=	\$875.00	\$875.00
Taylor County Middle School	\$985.00	X	0.5	+	\$1,235.00	X	1	=	\$1,727.50	\$1,727.50
Taylor County Vocational Center	\$935.00	X	0.5	+	\$1,170.00	X	1	=	\$1,637.50	\$1,637.50

Name/Description of Structure	Average Daily Operating Budget (Step 3) (\$)	X	Functional Downtime (Step 4) (# of days)	+	Displacement Cost per Day (Step 3) (\$)	X	Displacement Time (Step 4) (\$)	=	Structure Use & Function Loss (\$)	Structure Loss + Content Loss + Function Loss (\$)
West Taylor Elementary School	\$625.00	X	0.5	+	\$785.00	X	1	=	\$1,097.50	\$1,097.50
Bryans Hardware	\$760.00	X	0.5	+	\$460.00	X	1	=	\$840.00	\$5,140.00
Builders Service & Supply Company	\$2,500.00	X	0.5	+	\$1,550.00	X	1	=	\$2,800.00	\$7,800.00
Crislip Motor Lodge	\$1,095.00	X	0.5	+	\$880.00	X	1	=	\$1,427.50	\$5,227.50
Dyna Mix, Inc.	\$2,450.00	X	0	+	\$1,845.00	X	0	=	\$0.00	\$0.00
Dyna Tech Adhesives, Inc.	\$2,645.00	X	0	+	\$2,125.00	X	0	=	\$0.00	\$0.00
Estel Machine Company	\$1,250.00	X	0	+	\$1,000.00	X	0	=	\$0.00	\$0.00
Glenn Enterprises	\$9,000.00	X	0.5	+	\$6,850.00	X	1	=	\$11,350.00	\$19,150.00
Grafton County Club Road Industrial Site	\$5,650.00	X	0	+	\$4,520.00	X	0	=	\$0.00	\$0.00
Grafton Homes, Inc.	\$3,675.00	X	0.5	+	\$3,200.00	X	1	=	\$5,037.50	\$7,337.50
Grafton Motel	\$1,325.00	X	0.5	+	\$1,300.00	X	1	=	\$1,962.50	\$11,862.50
Grafton Truss & Panel Company	\$1,890.00	X	0.5	+	\$1,606.00	X	1	=	\$2,551.00	\$11,551.00
Harmon Shopping Center	\$2,850.00	X	0.5	+	\$2,280.00	X	1	=	\$3,705.00	\$3,705.00
Hart Industries	\$3,150.00	X	0	+	\$2,680.00	X	0	=	\$0.00	\$0.00
Jerry Run Industrial Park	\$4,500.00	X	0	+	\$3,825.00	X	0	=	\$0.00	\$0.00
K&P Machine Service	\$1,200.00	X	0	+	\$780.00	X	0	=	\$0.00	\$0.00
Knotts Industrial Site	\$4,250.00	X	0	+	\$3,615.00	X	0	=	\$0.00	\$0.00
Main Street Printers, Inc.	\$375.00	X	0.5	+	\$300.00	X	1	=	\$487.50	\$5,987.50
Mountaineer Custom Cartridge	\$410.00	X	0.5	+	\$350.00	X	1	=	\$555.00	\$7,355.00
Mountaineer Power Equipment	\$750.00	X	0.5	+	\$638.00	X	1	=	\$1,013.00	\$4,513.00
Packaging Corporation of America	\$1,165.00	X	0.5	+	\$990.00	X	1	=	\$1,572.50	\$10,272.50
Refuse Control Systems	\$895.00	X	0	+	\$761.00	X	0	=	\$0.00	\$4,800.00
Rex-Hide Industries, Inc.	\$11,500.00	X	0	+	\$10,350.00	X	0	=	\$0.00	\$0.00
RRHAMCO, Inc.	\$3,100.00	X	0	+	\$2,635.00	X	0	=	\$0.00	\$0.00
Taylor County Board of Education	\$8,250.00	X	0.5	+	\$5,363.00	X	1	=	\$9,488.00	\$9,488.00
Taylor County Development Authority	\$950.00	X	0.5	+	\$715.00	X	1	=	\$1,190.00	\$1,190.00
Taylor County Fairgrounds	\$180.00	X	2	+	\$90.00	X	2	=	\$540.00	\$7,040.00
Taylor County Supply Company	\$950.00	X	0.5	+	\$810.00	X	1	=	\$1,285.00	\$5,285.00
Taylor County Workshop	\$685.00	X	0.5	+	\$514.00	X	1	=	\$856.50	\$8,656.50
Thorns Excavating	\$1,150.00	X	0.5	+	\$863.00	X	1	=	\$1,438.00	\$7,938.00
Tygart Lake Dam	\$1,785.00	X	0	+	\$2,677.00	X	0	=	\$0.00	\$0.00
Tygart Lake Resort Properties	\$250.00	X	0	+	\$200.00	X	0	=	\$0.00	\$37,800.00
Vanco Welding & Repair, Inc.	\$1,075.00	X	0	+	\$914.00	X	0	=	\$0.00	\$0.00
Walmart Associates	\$21,000.00	X	0	+	\$17,850.00	X	0	=	\$0.00	\$0.00

Name/Description of Structure	Average Daily Operating Budget (Step 3) (\$)	X	Functional Downtime (Step 4) (# of days)	+	Displacement Cost per Day (Step 3) (\$)	X	Displacement Time (Step 4) (\$)	=	Structure Use & Function Loss (\$)	Structure Loss + Content Loss + Function Loss (\$)
West Taylor County Industrial Site	\$3,950.00	X	0	+	\$3,350.00	X	0	=	\$0.00	\$0.00
West Virginia Department of Corrections	\$10,000.00	X	0	+	\$8,500.00	X	0	=	\$0.00	\$0.00
West Virginia Paving, Inc.	\$1,150.00	X	0	+	\$920.00	X	0	=	\$0.00	\$0.00
Flemington Post Office	\$265.00	X	0	+	\$240.00	X	0	=	\$0.00	\$0.00
Grafton Post Office	\$310.00	X	0	+	\$280.00	X	0	=	\$0.00	\$0.00
Rosemont Post Office	\$215.00	X	0	+	\$195.00	X	0	=	\$0.00	\$0.00
Simpson Post Office	\$225.00	X	0	+	\$205.00	X	0	=	\$0.00	\$0.00
Thornton Post Office	\$210.00	X	0	+	\$190.00	X	0	=	\$0.00	\$0.00
Taylor County Public Library	\$625.00	X	0	+	\$565.00	X	0	=	\$0.00	\$0.00
Andrews Methodist Church	\$0.00	X	0.5	+	\$0.00	X	1	=	\$0.00	\$2,100.00
Anna Jarvis Birthplace Museum	\$0.00	X	0.5	+	\$0.00	X	1	=	\$0.00	\$0.00
B&O Railroad Station	\$415.00	X	0	+	\$353.00	X	0	=	\$0.00	\$0.00
Clelland House	\$0.00	X	0.5	+	\$0.00	X	1	=	\$0.00	\$2,000.00
Grafton National Cemetery	\$270.00	X	0	+	\$180.00	X	0	=	\$0.00	\$0.00
Grafton Downtown Commercial Historic District	\$2,055.00	X	0	+	\$1,335.00	X	0	=	\$0.00	\$0.00
									<b>\$88,400.00</b>	<b>\$322,700.00</b>

Hazard: Severe Wind/Tornado

Structure Loss (Task A.1.)					
Name/Description of Structure	Structure Replacement Value (Step 3) (\$)	X	Percent Damage (Step 4) (%)	=	Loss to Structure (\$)
Flemington Town Hall	\$2,000,000.00	X	18	=	\$360,000.00
Grafton City Hall	\$2,750,000.00	X	18	=	\$495,000.00
Taylor County Courthouse	\$3,500,000.00	X	18	=	\$630,000.00
Bridges	\$215,000,000.00	X	5	=	\$10,750,000.00
Railroads	\$190,000,000.00	X	5	=	\$9,500,000.00
Roads	\$950,000,000.00	X	5	=	\$47,500,000.00
Roy Airfield	\$450,000.00	X	10	=	\$45,000.00
Allegheny Power	\$1,005,000.00	X	20	=	\$201,000.00
Bowie Gas	\$375,000.00	X	20	=	\$75,000.00
Grafton Wastewater Treatment Plant	\$4,225,000.00	X	18	=	\$760,500.00
Equitable Gas	\$415,000.00	X	20	=	\$83,000.00
Equitrans Gas	\$405,000.00	X	20	=	\$81,000.00
Haymond Public Service District	\$1,750,000.00	X	18	=	\$315,000.00
Mountain View Water Association	\$3,750,000.00	X	18	=	\$675,000.00
Southwestern Public Service District	\$1,000,000.00	X	18	=	\$180,000.00
Taylor County Public Service District	\$6,475,000.00	X	18	=	\$1,165,500.00
Time Warner Cable	\$950,000.00	X	20	=	\$190,000.00
West Side Communications	\$775,000.00	X	20	=	\$155,000.00
West Virginia Division of Highways	\$350,000.00	X	18	=	\$63,000.00
CSX Police Department	\$305,000.00	X	25	=	\$76,300.00
Flemington Volunteer Fire Department	\$575,000.00	X	25	=	\$143,800.00
Grafton Fire Department	\$800,000.00	X	25	=	\$200,000.00
Grafton Police Department	\$315,000.00	X	25	=	\$78,800.00
Pruntytown Correctional Center	\$4,800,000.00	X	18	=	\$864,000.00
Taylor County Emergency Communications Center - 911	\$1,550,000.00	X	18	=	\$279,000.00
Taylor County Emergency Operations Center	\$150,000.00	X	18	=	\$27,000.00
Taylor County Jail	\$775,000.00	X	18	=	\$139,500.00
Taylor County Office of Emergency Services	\$500,000.00	X	18	=	\$90,000.00

Contents Loss (Task A.2.)				
Replacement Value of Contents (Step 3) (\$)	X	Percent Damage (step 4) (%)	=	Loss to Contents (\$)
\$225,000.00	X	10	=	\$22,500.00
\$375,000.00	X	10	=	\$37,500.00
\$600,000.00	X	10	=	\$60,000.00
\$0.00	X	0	=	\$0.00
\$0.00	X	0	=	\$0.00
\$0.00	X	0	=	\$0.00
\$0.00	X	0	=	\$0.00
\$155,000.00	X	12	=	\$18,600.00
\$175,000.00	X	12	=	\$21,000.00
\$3,850,000.00	X	10	=	\$385,000.00
\$210,000.00	X	12	=	\$25,200.00
\$185,000.00	X	12	=	\$22,200.00
\$1,250,000.00	X	10	=	\$125,000.00
\$2,950,000.00	X	10	=	\$295,000.00
\$4,000,000.00	X	10	=	\$400,000.00
\$6,450,000.00	X	10	=	\$645,000.00
\$225,000.00	X	12	=	\$27,000.00
\$200,000.00	X	12	=	\$24,000.00
\$580,000.00	X	10	=	\$58,000.00
\$110,000.00	X	15	=	\$16,500.00
\$525,000.00	X	15	=	\$78,800.00
\$725,000.00	X	15	=	\$108,800.00
\$310,000.00	X	15	=	\$46,500.00
\$375,000.00	X	10	=	\$37,500.00
\$2,675,000.00	X	10	=	\$267,500.00
\$350,000.00	X	10	=	\$35,000.00
\$150,000.00	X	10	=	\$15,000.00
\$180,000.00	X	10	=	\$18,000.00

Name/Description of Structure	Structure Replacement Value (Step 3) (\$)	X	Percent Damage (Step 4) (%)	=	Loss to Structure (\$)
Taylor County Sheriff's Department	\$675,000.00	X	18	=	\$121,500.00
Thornton Fire Department	\$410,000.00	X	25	=	\$102,500.00
River Valley Chapter of ARC	\$375,000.00	X	25	=	\$93,800.00
Salvation Army	\$290,000.00	X	25	=	\$72,500.00
United States Army Reserve Corp. 363rd Military Police	\$615,000.00	X	18	=	\$110,700.00
West Virginia State Police	\$750,000.00	X	20	=	\$150,000.00
Alliance Personal Care Home	\$355,000.00	X	25	=	\$88,800.00
Beulahland Personal Care	\$315,000.00	X	25	=	\$78,800.00
County Living	\$300,000.00	X	25	=	\$75,000.00
Eldercare Resources	\$310,000.00	X	25	=	\$77,500.00
Flemington Emergency Medical Services	\$50,000.00	X	25	=	\$12,500.00
Grafton City Hospital	\$25,750,000.00	X	18	=	\$4,635,000.00
Grafton Emergency Medical Services	\$80,000.00	X	25	=	\$20,000.00
Hospice Care Corporation	\$2,550,000.00	X	25	=	\$637,500.00
Lighthouse Manor	\$1,750,000.00	X	25	=	\$437,500.00
Medical Center of Taylor County	\$5,950,000.00	X	20	=	\$1,190,000.00
Rosewood Nursing & Rehabilitation Center	\$3,500,000.00	X	25	=	\$875,000.00
Taylor County Emergency Medical Services	\$300,000.00	X	25	=	\$75,000.00
Taylor County Senior Citizen's Association	\$975,000.00	X	20	=	\$195,000.00
Tygart Valley Total Care Clinic	\$4,500,000.00	X	20	=	\$900,000.00
Valley Health Care System	\$2,000,000.00	X	20	=	\$400,000.00
Anna Jarvis Elementary School	\$2,850,000.00	X	18	=	\$513,000.00
Fellowship Christian Academy	\$2,650,000.00	X	18	=	\$477,000.00
Flemington Elementary School	\$3,050,000.00	X	18	=	\$549,000.00
Grafton High School	\$14,500,000.00	X	18	=	\$2,610,000.00
Hepzibah Elementary School	\$1,225,000.00	X	18	=	\$220,500.00
Mr. Vernon Elementary School	\$1,650,000.00	X	18	=	\$297,000.00
New Testament Christian Academy	\$1,000,000.00	X	18	=	\$180,000.00
Taylor County Middle School	\$6,575,000.00	X	18	=	\$1,183,500.00
Taylor County Vocational Center	\$8,500,000.00	X	18	=	\$1,530,000.00

Replacement Value of Contents (Step 3) (\$)	X	Percent Damage (step 4) (%)	=	Loss to Contents (\$)
\$135,000.00	X	10	=	\$13,500.00
\$355,000.00	X	15	=	\$53,300.00
\$110,000.00	X	15	=	\$16,500.00
\$75,000.00	X	15	=	\$11,300.00
\$650,000.00	X	10	=	\$65,000.00
\$180,000.00	X	12	=	\$21,600.00
\$75,000.00	X	15	=	\$11,300.00
\$60,000.00	X	15	=	\$9,000.00
\$55,000.00	X	15	=	\$8,300.00
\$65,000.00	X	15	=	\$9,800.00
\$160,000.00	X	15	=	\$24,000.00
\$13,750,000.00	X	10	=	\$1,375,000.00
\$210,000.00	X	15	=	\$31,500.00
\$450,000.00	X	15	=	\$67,500.00
\$70,000.00	X	15	=	\$10,500.00
\$765,000.00	X	12	=	\$91,800.00
\$325,000.00	X	15	=	\$48,800.00
\$350,000.00	X	15	=	\$52,500.00
\$200,000.00	X	12	=	\$24,000.00
\$310,000.00	X	12	=	\$37,200.00
\$295,000.00	X	12	=	\$35,400.00
\$250,000.00	X	10	=	\$25,000.00
\$175,000.00	X	10	=	\$17,500.00
\$200,000.00	X	10	=	\$20,000.00
\$355,000.00	X	10	=	\$35,500.00
\$155,000.00	X	10	=	\$15,500.00
\$160,000.00	X	10	=	\$16,000.00
\$145,000.00	X	10	=	\$14,500.00
\$305,000.00	X	10	=	\$30,500.00
\$395,000.00	X	10	=	\$39,500.00

Name/Description of Structure	Structure Replacement Value (Step 3) (\$)	X	Percent Damage (Step 4) (%)	=	Loss to Structure (\$)
West Taylor Elementary School	\$3,250,000.00	X	18	=	\$585,000.00
Bryans Hardware	\$425,000.00	X	25	=	\$106,300.00
Builders Service & Supply Company	\$500,000.00	X	20	=	\$100,000.00
Crislip Motor Lodge	\$375,000.00	X	25	=	\$93,800.00
Dyna Mix, Inc.	\$525,000.00	X	20	=	\$105,000.00
Dyna Tech Adhesives, Inc.	\$850,000.00	X	20	=	\$170,000.00
Estel Machine Company	\$650,000.00	X	20	=	\$130,000.00
Glenn Enterprises	\$775,000.00	X	20	=	\$155,000.00
Grafton County Club Road Industrial Site	\$7,550,000.00	X	25	=	\$1,887,500.00
Grafton Homes, Inc.	\$225,000.00	X	25	=	\$56,300.00
Grafton Motel	\$985,000.00	X	25	=	\$246,300.00
Grafton Truss & Panel Company	\$895,000.00	X	25	=	\$223,800.00
Harmon Shopping Center	\$5,150,000.00	X	20	=	\$1,030,000.00
Hart Industries	\$2,000,000.00	X	20	=	\$400,000.00
Jerry Run Industrial Park	\$8,550,000.00	X	20	=	\$1,710,000.00
K&P Machine Service	\$995,000.00	X	20	=	\$199,000.00
Knotts Industrial Site	\$5,450,000.00	X	20	=	\$1,090,000.00
Main Street Printers, Inc.	\$550,000.00	X	25	=	\$137,500.00
Mountaineer Custom Cartridge	\$675,000.00	X	25	=	\$168,800.00
Mountaineer Power Equipment	\$345,000.00	X	25	=	\$86,300.00
Packaging Corporation of America	\$865,000.00	X	20	=	\$173,000.00
Refuse Control Systems	\$475,000.00	X	18	=	\$85,500.00
Rex-Hide Industries, Inc.	\$1,750,000.00	X	18	=	\$315,000.00
RRHAMCO, Inc.	\$1,450,000.00	X	18	=	\$261,000.00
Taylor County Board of Education	\$3,650,000.00	X	18	=	\$657,000.00
Taylor County Development Authority	\$2,225,000.00	X	18	=	\$400,500.00
Taylor County Fairgrounds	\$650,000.00	X	25	=	\$162,500.00
Taylor County Supply Company	\$395,000.00	X	20	=	\$79,000.00
Taylor County Workshop	\$775,000.00	X	20	=	\$155,000.00
Thorns Excavating	\$650,000.00	X	25	=	\$162,500.00
Tygart Lake Dam	\$18,500,000.00	X	0	=	\$0.00
Tygart Lake Resort Properties	\$3,775,000.00	X	25	=	\$943,800.00
Vanco Welding & Repair, Inc.	\$1,125,000.00	X	20	=	\$225,000.00
Walmart Associates	\$3,850,000.00	X	18	=	\$693,000.00

Replacement Value of Contents (Step 3) (\$)	X	Percent Damage (step 4) (%)	=	Loss to Contents (\$)
\$230,000.00	X	10	=	\$23,000.00
\$220,000.00	X	15	=	\$33,000.00
\$750,000.00	X	12	=	\$90,000.00
\$175,000.00	X	15	=	\$26,300.00
\$310,000.00	X	12	=	\$37,200.00
\$280,000.00	X	12	=	\$33,600.00
\$250,000.00	X	12	=	\$30,000.00
\$275,000.00	X	12	=	\$33,000.00
\$850,000.00	X	15	=	\$127,500.00
\$540,000.00	X	15	=	\$81,000.00
\$265,000.00	X	15	=	\$39,800.00
\$415,000.00	X	15	=	\$62,300.00
\$1,500,000.00	X	12	=	\$180,000.00
\$575,000.00	X	12	=	\$69,000.00
\$2,000,000.00	X	12	=	\$240,000.00
\$350,000.00	X	12	=	\$42,000.00
\$795,000.00	X	12	=	\$95,400.00
\$125,000.00	X	15	=	\$18,800.00
\$210,000.00	X	15	=	\$31,500.00
\$635,000.00	X	15	=	\$95,300.00
\$410,000.00	X	12	=	\$49,200.00
\$205,000.00	X	10	=	\$20,500.00
\$375,000.00	X	10	=	\$37,500.00
\$415,000.00	X	10	=	\$41,500.00
\$150,000.00	X	10	=	\$15,000.00
\$115,000.00	X	10	=	\$11,500.00
\$50,000.00	X	15	=	\$7,500.00
\$325,000.00	X	12	=	\$39,000.00
\$255,000.00	X	12	=	\$30,600.00
\$545,000.00	X	15	=	\$81,800.00
\$0.00	X	0	=	\$0.00
\$650,000.00	X	15	=	\$97,500.00
\$200,000.00	X	12	=	\$24,000.00
\$1,750,000.00	X	10	=	\$175,000.00

Name/Description of Structure	Structure Replacement Value (Step 3) (\$)	X	Percent Damage (Step 4) (%)	=	Loss to Structure (\$)
West Taylor County Industrial Site	\$6,750,000.00	X	18	=	\$1,215,000.00
West Virginia Department of Corrections	\$1,200,000.00	X	20	=	\$240,000.00
West Virginia Paving, Inc.	\$425,000.00	X	25	=	\$106,300.00
Flemington Post Office	\$410,000.00	X	18	=	\$73,800.00
Grafton Post Office	\$525,000.00	X	18	=	\$94,500.00
Rosemont Post Office	\$210,000.00	X	18	=	\$37,800.00
Simpson Post Office	\$275,000.00	X	18	=	\$49,500.00
Thornton Post Office	\$200,000.00	X	18	=	\$36,000.00
Taylor County Public Library	\$580,000.00	X	18	=	\$104,400.00
Andrews Methodist Church	\$210,000.00	X	25	=	\$52,500.00
Anna Jarvis Birthplace Museum	\$225,000.00	X	20	=	\$45,000.00
B&O Railroad Station	\$550,000.00	X	25	=	\$137,500.00
Clelland House	\$195,000.00	X	25	=	\$48,800.00
Grafton National Cemetery	\$1,525,000.00	X	18	=	\$274,500.00
Grafton Downtown Commercial Historic District	\$4,500,000.00	X	18	=	\$810,000.00
					<b>\$109,350,000.00</b>

Replacement Value of Contents (Step 3) (\$)	X	Percent Damage (step 4) (%)	=	Loss to Contents (\$)
\$2,450,000.00	X	10	=	\$245,000.00
\$750,000.00	X	12	=	\$90,000.00
\$195,000.00	X	15	=	\$29,300.00
\$110,000.00	X	10	=	\$11,000.00
\$140,000.00	X	10	=	\$14,000.00
\$80,000.00	X	10	=	\$8,000.00
\$95,000.00	X	10	=	\$9,500.00
\$90,000.00	X	10	=	\$9,000.00
\$220,000.00	X	10	=	\$22,000.00
\$65,000.00	X	15	=	\$9,800.00
\$110,000.00	X	12	=	\$13,200.00
\$90,000.00	X	15	=	\$13,500.00
\$70,000.00	X	15	=	\$10,500.00
\$65,000.00	X	10	=	\$6,500.00
\$1,350,000.00	X	10	=	\$135,000.00
				<b>\$7,667,000.00</b>

**Hazard: Severe Wind/Tornado**

Structure Use and Function Loss (Task A.3.)										
Name/Description of Structure	Average Daily Operating Budget (Step 3) (\$)	X	Functional Downtime (Step 4) (# of days)	+	Displacement Cost per Day (Step 3) (\$)	X	Displacement Time (Step 4) (\$)	=	Structure Use & Function Loss (\$)	Structure Loss + Content Loss + Function Loss (\$)
Flemington Town Hall	\$550.00	X	1	+	\$55.00	X	2	=	\$660.00	\$383,160.00
Grafton City Hall	\$800.00	X	1	+	\$80.00	X	2	=	\$960.00	\$533,460.00
Taylor County Courthouse	\$950.00	X	1	+	\$95.00	X	2	=	\$1,140.00	\$691,140.00
Bridges	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$10,750,000.00
Railroads	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$9,500,000.00
Roads	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$47,500,000.00
Roy Airfield	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$45,000.00
Allegheny Power	\$12,000.00	X	1	+	\$6,000.00	X	2	=	\$24,000.00	\$243,600.00
Bowie Gas	\$7,000.00	X	1	+	\$4,550.00	X	2	=	\$16,100.00	\$112,100.00
Grafton Wastewater Treatment Plant	\$5,000.00	X	1	+	\$3,250.00	X	2	=	\$11,500.00	\$1,157,000.00
Equitable Gas	\$9,000.00	X	1	+	\$5,200.00	X	2	=	\$19,400.00	\$127,600.00
Equitrans Gas	\$8,000.00	X	1	+	\$4,950.00	X	2	=	\$17,900.00	\$121,100.00
Haymond Public Service District	\$900.00	X	1	+	\$615.00	X	2	=	\$2,130.00	\$442,130.00
Mountain View Water Association	\$2,450.00	X	1	+	\$1,550.00	X	2	=	\$5,550.00	\$975,550.00
Southwestern Public Service District	\$2,400.00	X	1	+	\$1,440.00	X	2	=	\$5,280.00	\$585,280.00
Taylor County Public Service District	\$4,000.00	X	1	+	\$3,150.00	X	2	=	\$10,300.00	\$1,820,800.00
Time Warner Cable	\$6,000.00	X	1	+	\$4,200.00	X	2	=	\$14,400.00	\$231,400.00
West Side Communications	\$3,250.00	X	1	+	\$2,275.00	X	2	=	\$7,800.00	\$186,800.00
West Virginia Division of Highways	\$850.00	X	1	+	\$360.00	X	2	=	\$1,570.00	\$122,570.00
CSX Police Department	\$310.00	X	1	+	\$170.00	X	2	=	\$650.00	\$93,450.00
Flemington Volunteer Fire Department	\$275.00	X	2	+	\$155.00	X	4	=	\$1,170.00	\$223,770.00
Grafton Fire Department	\$400.00	X	2	+	\$220.00	X	4	=	\$1,680.00	\$310,480.00
Grafton Police Department	\$650.00	X	2	+	\$357.00	X	4	=	\$2,728.00	\$128,028.00
Pruntytown Correctional Center	\$850.00	X	1	+	\$553.00	X	2	=	\$1,956.00	\$903,456.00
Taylor County Emergency Communications Center - 911	\$150.00	X	4	+	\$300.00	X	7	=	\$2,700.00	\$549,200.00
Taylor County Emergency Operations Center	\$315.00	X	1	+	\$350.00	X	2	=	\$1,015.00	\$63,015.00
Taylor County Jail	\$450.00	X	1	+	\$540.00	X	2	=	\$1,530.00	\$156,030.00
Taylor County Office of Emergency Services	\$375.00	X	1	+	\$415.00	X	2	=	\$1,205.00	\$109,205.00

Name/Description of Structure	Average Daily Operating Budget (Step 3) (\$)	X	Functional Downtime (Step 4) (# of days)	+	Displacement Cost per Day (Step 3) (\$)	X	Displacement Time (Step 4) (\$)	=	Structure Use & Function Loss (\$)	Structure Loss + Content Loss + Function Loss (\$)
Taylor County Sheriff's Department	\$710.00	X	2	+	\$785.00	X	4	=	\$4,560.00	\$139,560.00
Thornton Fire Department	\$215.00	X	2	+	\$260.00	X	4	=	\$1,470.00	\$157,270.00
River Valley Chapter of ARC	\$310.00	X	2	+	\$210.00	X	4	=	\$1,460.00	\$111,760.00
Salvation Army	\$175.00	X	2	+	\$115.00	X	4	=	\$810.00	\$84,610.00
United States Army Reserve Corp. 363rd Military Police	\$845.00	X	1	+	\$635.00	X	2	=	\$2,115.00	\$177,815.00
West Virginia State Police	\$965.00	X	1	+	\$920.00	X	2	=	\$2,805.00	\$174,405.00
Alliance Personal Care Home	\$1,400.00	X	2	+	\$1,540.00	X	4	=	\$8,960.00	\$109,060.00
Beulahland Personal Care	\$900.00	X	2	+	\$990.00	X	4	=	\$5,760.00	\$93,560.00
County Living	\$625.00	X	2	+	\$690.00	X	4	=	\$4,010.00	\$87,310.00
Eldercare Resources	\$4,000.00	X	2	+	\$4,400.00	X	4	=	\$25,600.00	\$112,900.00
Flemington Emergency Medical Services	\$150.00	X	2	+	\$185.00	X	4	=	\$1,040.00	\$37,540.00
Grafton City Hospital	\$18,000.00	X	1	+	\$27,000.00	X	2	=	\$72,000.00	\$6,082,000.00
Grafton Emergency Medical Services	\$195.00	X	2	+	\$215.00	X	4	=	\$1,250.00	\$52,750.00
Hospice Care Corporation	\$1,375.00	X	2	+	\$1,725.00	X	4	=	\$9,650.00	\$714,650.00
Lighthouse Manor	\$750.00	X	2	+	\$825.00	X	4	=	\$4,800.00	\$452,800.00
Medical Center of Taylor County	\$1,425.00	X	2	+	\$1,560.00	X	4	=	\$9,090.00	\$1,290,890.00
Rosewood Nursing & Rehabilitation Center	\$1,150.00	X	2	+	\$1,265.00	X	4	=	\$7,360.00	\$931,160.00
Taylor County Emergency Medical Services	\$210.00	X	2	+	\$230.00	X	4	=	\$1,340.00	\$128,840.00
Taylor County Senior Citizen's Association	\$345.00	X	2	+	\$260.00	X	4	=	\$1,730.00	\$220,730.00
Tygart Valley Total Care Clinic	\$1,275.00	X	2	+	\$1,420.00	X	4	=	\$8,230.00	\$945,430.00
Valley Health Care System	\$1,200.00	X	2	+	\$1,320.00	X	4	=	\$7,680.00	\$443,080.00
Anna Jarvis Elementary School	\$750.00	X	2	+	\$940.00	X	4	=	\$5,260.00	\$543,260.00
Fellowship Christian Academy	\$510.00	X	2	+	\$640.00	X	4	=	\$3,580.00	\$498,080.00
Flemington Elementary School	\$655.00	X	2	+	\$820.00	X	4	=	\$4,590.00	\$573,590.00
Grafton High School	\$1,100.00	X	2	+	\$1,375.00	X	4	=	\$7,700.00	\$2,653,200.00
Hepzibah Elementary School	\$495.00	X	2	+	\$620.00	X	4	=	\$3,470.00	\$239,470.00
Mr. Vernon Elementary School	\$480.00	X	2	+	\$600.00	X	4	=	\$3,360.00	\$316,360.00
New Testament Christian Academy	\$500.00	X	2	+	\$625.00	X	4	=	\$3,500.00	\$198,000.00
Taylor County Middle School	\$985.00	X	2	+	\$1,235.00	X	4	=	\$6,910.00	\$1,220,910.00
Taylor County Vocational Center	\$935.00	X	2	+	\$1,170.00	X	4	=	\$6,550.00	\$1,576,050.00

Name/Description of Structure	Average Daily Operating Budget (Step 3) (\$)	X	Functional Downtime (Step 4) (# of days)	+	Displacement Cost per Day (Step 3) (\$)	X	Displacement Time (Step 4) (\$)	=	Structure Use & Function Loss (\$)	Structure Loss + Content Loss + Function Loss (\$)
West Taylor Elementary School	\$625.00	X	2	+	\$785.00	X	4	=	\$4,390.00	\$612,390.00
Bryans Hardware	\$760.00	X	2	+	\$460.00	X	4	=	\$3,360.00	\$142,660.00
Builders Service & Supply Company	\$2,500.00	X	2	+	\$1,550.00	X	4	=	\$11,200.00	\$201,200.00
Crislip Motor Lodge	\$1,095.00	X	2	+	\$880.00	X	4	=	\$5,710.00	\$125,810.00
Dyna Mix, Inc.	\$2,450.00	X	2	+	\$1,845.00	X	4	=	\$12,280.00	\$154,480.00
Dyna Tech Adhesives, Inc.	\$2,645.00	X	2	+	\$2,125.00	X	4	=	\$13,790.00	\$217,390.00
Estel Machine Company	\$1,250.00	X	2	+	\$1,000.00	X	4	=	\$6,500.00	\$166,500.00
Glenn Enterprises	\$9,000.00	X	2	+	\$6,850.00	X	4	=	\$45,400.00	\$233,400.00
Grafton County Club Road Industrial Site	\$5,650.00	X	2	+	\$4,520.00	X	4	=	\$29,380.00	\$2,044,380.00
Grafton Homes, Inc.	\$3,675.00	X	2	+	\$3,200.00	X	4	=	\$20,150.00	\$157,450.00
Grafton Motel	\$1,325.00	X	2	+	\$1,300.00	X	4	=	\$7,850.00	\$293,950.00
Grafton Truss & Panel Company	\$1,890.00	X	2	+	\$1,606.00	X	4	=	\$10,204.00	\$296,304.00
Harmon Shopping Center	\$2,850.00	X	2	+	\$2,280.00	X	4	=	\$14,820.00	\$1,224,820.00
Hart Industries	\$3,150.00	X	2	+	\$2,680.00	X	4	=	\$17,020.00	\$486,020.00
Jerry Run Industrial Park	\$4,500.00	X	2	+	\$3,825.00	X	4	=	\$24,300.00	\$1,974,300.00
K&P Machine Service	\$1,200.00	X	2	+	\$780.00	X	4	=	\$5,520.00	\$246,520.00
Knotts Industrial Site	\$4,250.00	X	2	+	\$3,615.00	X	4	=	\$22,960.00	\$1,208,360.00
Main Street Printers, Inc.	\$375.00	X	2	+	\$300.00	X	4	=	\$1,950.00	\$158,250.00
Mountaineer Custom Cartridge	\$410.00	X	2	+	\$350.00	X	4	=	\$2,220.00	\$202,520.00
Mountaineer Power Equipment	\$750.00	X	2	+	\$638.00	X	4	=	\$4,052.00	\$185,652.00
Packaging Corporation of America	\$1,165.00	X	2	+	\$990.00	X	4	=	\$6,290.00	\$228,490.00
Refuse Control Systems	\$895.00	X	2	+	\$761.00	X	4	=	\$4,834.00	\$110,834.00
Rex-Hide Industries, Inc.	\$11,500.00	X	2	+	\$10,350.00	X	4	=	\$64,400.00	\$416,900.00
RRHAMCO, Inc.	\$3,100.00	X	2	+	\$2,635.00	X	4	=	\$16,740.00	\$319,240.00
Taylor County Board of Education	\$8,250.00	X	2	+	\$5,363.00	X	4	=	\$37,952.00	\$709,952.00
Taylor County Development Authority	\$950.00	X	2	+	\$715.00	X	4	=	\$4,760.00	\$416,760.00
Taylor County Fairgrounds	\$180.00	X	2	+	\$90.00	X	4	=	\$720.00	\$170,720.00
Taylor County Supply Company	\$950.00	X	2	+	\$810.00	X	4	=	\$5,140.00	\$123,140.00
Taylor County Workshop	\$685.00	X	2	+	\$514.00	X	4	=	\$3,426.00	\$189,026.00
Thorns Excavating	\$1,150.00	X	2	+	\$863.00	X	4	=	\$5,752.00	\$250,052.00
Tygart Lake Dam	\$1,785.00	X	0	+	\$2,677.00	X	0	=	\$0.00	\$0.00
Tygart Lake Resort Properties	\$250.00	X	2	+	\$200.00	X	4	=	\$1,300.00	\$1,042,600.00
Vanco Welding & Repair, Inc.	\$1,075.00	X	2	+	\$914.00	X	4	=	\$5,806.00	\$254,806.00
Walmart Associates	\$21,000.00	X	2	+	\$17,850.00	X	4	=	\$113,400.00	\$981,400.00

Name/Description of Structure	Average Daily Operating Budget (Step 3) (\$)	X	Functional Downtime (Step 4) (# of days)	+	Displacement Cost per Day (Step 3) (\$)	X	Displacement Time (Step 4) (\$)	=	Structure Use & Function Loss (\$)	Structure Loss + Content Loss + Function Loss (\$)
West Taylor County Industrial Site	\$3,950.00	X	2	+	\$3,350.00	X	4	=	\$21,300.00	\$1,481,300.00
West Virginia Department of Corrections	\$10,000.00	X	2	+	\$8,500.00	X	4	=	\$54,000.00	\$384,000.00
West Virginia Paving, Inc.	\$1,150.00	X	2	+	\$920.00	X	4	=	\$5,980.00	\$141,580.00
Flemington Post Office	\$265.00	X	2	+	\$240.00	X	4	=	\$1,490.00	\$86,290.00
Grafton Post Office	\$310.00	X	2	+	\$280.00	X	4	=	\$1,740.00	\$110,240.00
Rosemont Post Office	\$215.00	X	2	+	\$195.00	X	4	=	\$1,210.00	\$47,010.00
Simpson Post Office	\$225.00	X	2	+	\$205.00	X	4	=	\$1,270.00	\$60,270.00
Thornton Post Office	\$210.00	X	2	+	\$190.00	X	4	=	\$1,180.00	\$46,180.00
Taylor County Public Library	\$625.00	X	2	+	\$565.00	X	4	=	\$3,510.00	\$129,910.00
Andrews Methodist Church	\$0.00	X	2	+	\$0.00	X	4	=	\$0.00	\$62,300.00
Anna Jarvis Birthplace Museum	\$0.00	X	2	+	\$0.00	X	4	=	\$0.00	\$58,200.00
B&O Railroad Station	\$415.00	X	2	+	\$353.00	X	4	=	\$2,242.00	\$153,242.00
Clelland House	\$0.00	X	2	+	\$0.00	X	4	=	\$0.00	\$59,300.00
Grafton National Cemetery	\$270.00	X	2	+	\$180.00	X	4	=	\$1,260.00	\$282,260.00
Grafton Downtown Commercial Historic District	\$2,055.00	X	2	+	\$1,335.00	X	4	=	\$9,450.00	\$954,450.00
									<b>\$1,018,200.00</b>	<b>\$118,035,200.00</b>

**Hazard: Severe Winter Storm**

<b>Structure Loss (Task A.1.)</b>					
<b>Name/Description of Structure</b>	<b>Structure Replacement Value (Step 3) (\$)</b>	<b>X</b>	<b>Percent Damage (Step 4) (%)</b>	<b>=</b>	<b>Loss to Structure (\$)</b>
Flemington Town Hall	\$2,000,000.00	X	5	=	\$100,000.00
Grafton City Hall	\$2,750,000.00	X	5	=	\$137,500.00
Taylor County Courthouse	\$3,500,000.00	X	5	=	\$175,000.00
Bridges	\$215,000,000.00	X	2	=	\$4,300,000.00
Railroads	\$190,000,000.00	X	2	=	\$3,800,000.00
Roads	\$950,000,000.00	X	2	=	\$19,000,000.00
Roy Airfield	\$450,000.00	X	2	=	\$9,000.00
Allegheny Power	\$1,005,000.00	X	10	=	\$100,500.00
Bowie Gas	\$375,000.00	X	10	=	\$37,500.00
Grafton Wastewater Treatment Plant	\$4,225,000.00	X	5	=	\$211,300.00
Equitable Gas	\$415,000.00	X	10	=	\$41,500.00
Equitrans Gas	\$405,000.00	X	10	=	\$40,500.00
Haymond Public Service District	\$1,750,000.00	X	5	=	\$87,500.00
Mountain View Water Association	\$3,750,000.00	X	5	=	\$187,500.00
Southwestern Public Service District	\$1,000,000.00	X	5	=	\$50,000.00
Taylor County Public Service District	\$6,475,000.00	X	5	=	\$323,800.00
Time Warner Cable	\$950,000.00	X	10	=	\$95,000.00
West Side Communications	\$775,000.00	X	10	=	\$77,500.00
West Virginia Division of Highways	\$350,000.00	X	10	=	\$35,000.00
CSX Police Department	\$305,000.00	X	10	=	\$30,500.00
Flemington Volunteer Fire Department	\$575,000.00	X	10	=	\$57,500.00
Grafton Fire Department	\$800,000.00	X	10	=	\$80,000.00
Grafton Police Department	\$315,000.00	X	10	=	\$31,500.00
Pruntytown Correctional Center	\$4,800,000.00	X	5	=	\$240,000.00
Taylor County Emergency Communications Center - 911	\$1,550,000.00	X	10	=	\$155,000.00
Taylor County Emergency Operations Center	\$150,000.00	X	5	=	\$7,500.00
Taylor County Jail	\$775,000.00	X	5	=	\$38,800.00
Taylor County Office of Emergency Services	\$500,000.00	X	5	=	\$25,000.00

<b>Contents Loss (Task A.2.)</b>				
<b>Replacement Value of Contents (Step 3) (\$)</b>	<b>X</b>	<b>Percent Damage (step 4) (%)</b>	<b>=</b>	<b>Loss to Contents (\$)</b>
\$225,000.00	X	0	=	\$0.00
\$375,000.00	X	0	=	\$0.00
\$600,000.00	X	0	=	\$0.00
\$0.00	X	0	=	\$0.00
\$0.00	X	0	=	\$0.00
\$0.00	X	0	=	\$0.00
\$0.00	X	0	=	\$0.00
\$155,000.00	X	0	=	\$0.00
\$175,000.00	X	0	=	\$0.00
\$3,850,000.00	X	0	=	\$0.00
\$210,000.00	X	0	=	\$0.00
\$185,000.00	X	0	=	\$0.00
\$1,250,000.00	X	0	=	\$0.00
\$2,950,000.00	X	0	=	\$0.00
\$4,000,000.00	X	0	=	\$0.00
\$6,450,000.00	X	0	=	\$0.00
\$225,000.00	X	0	=	\$0.00
\$200,000.00	X	0	=	\$0.00
\$580,000.00	X	0	=	\$0.00
\$110,000.00	X	0	=	\$0.00
\$525,000.00	X	0	=	\$0.00
\$725,000.00	X	0	=	\$0.00
\$310,000.00	X	0	=	\$0.00
\$375,000.00	X	0	=	\$0.00
\$2,675,000.00	X	0	=	\$0.00
\$350,000.00	X	0	=	\$0.00
\$150,000.00	X	0	=	\$0.00
\$180,000.00	X	0	=	\$0.00

Name/Description of Structure	Structure Replacement Value (Step 3) (\$)	X	Percent Damage (Step 4) (%)	=	Loss to Structure (\$)
Taylor County Sheriff's Department	\$675,000.00	X	10	=	\$67,500.00
Thornton Fire Department	\$410,000.00	X	10	=	\$41,000.00
River Valley Chapter of ARC	\$375,000.00	X	10	=	\$37,500.00
Salvation Army	\$290,000.00	X	10	=	\$29,000.00
United States Army Reserve Corp. 363rd Military Police	\$615,000.00	X	5	=	\$30,800.00
West Virginia State Police	\$750,000.00	X	10	=	\$75,000.00
Alliance Personal Care Home	\$355,000.00	X	10	=	\$35,500.00
Beulahland Personal Care	\$315,000.00	X	10	=	\$31,500.00
County Living	\$300,000.00	X	10	=	\$30,000.00
Eldercare Resources	\$310,000.00	X	10	=	\$31,000.00
Flemington Emergency Medical Services	\$50,000.00	X	10	=	\$5,000.00
Grafton City Hospital	\$25,750,000.00	X	5	=	\$1,287,500.00
Grafton Emergency Medical Services	\$80,000.00	X	10	=	\$8,000.00
Hospice Care Corporation	\$2,550,000.00	X	10	=	\$255,000.00
Lighthouse Manor	\$1,750,000.00	X	10	=	\$175,000.00
Medical Center of Taylor County	\$5,950,000.00	X	10	=	\$595,000.00
Rosewood Nursing & Rehabilitation Center	\$3,500,000.00	X	10	=	\$350,000.00
Taylor County Emergency Medical Services	\$300,000.00	X	10	=	\$30,000.00
Taylor County Senior Citizen's Association	\$975,000.00	X	10	=	\$97,500.00
Tygart Valley Total Care Clinic	\$4,500,000.00	X	10	=	\$450,000.00
Valley Health Care System	\$2,000,000.00	X	10	=	\$200,000.00
Anna Jarvis Elementary School	\$2,850,000.00	X	5	=	\$142,500.00
Fellowship Christian Academy	\$2,650,000.00	X	5	=	\$132,500.00
Flemington Elementary School	\$3,050,000.00	X	5	=	\$152,500.00
Grafton High School	\$14,500,000.00	X	5	=	\$725,000.00
Hepzibah Elementary School	\$1,225,000.00	X	5	=	\$61,300.00
Mr. Vernon Elementary School	\$1,650,000.00	X	5	=	\$82,500.00
New Testament Christian Academy	\$1,000,000.00	X	5	=	\$50,000.00
Taylor County Middle School	\$6,575,000.00	X	5	=	\$328,800.00
Taylor County Vocational Center	\$8,500,000.00	X	5	=	\$425,000.00

Replacement Value of Contents (Step 3) (\$)	X	Percent Damage (step 4) (%)	=	Loss to Contents (\$)
\$135,000.00	X	0	=	\$0.00
\$355,000.00	X	0	=	\$0.00
\$110,000.00	X	0	=	\$0.00
\$75,000.00	X	0	=	\$0.00
\$650,000.00	X	0	=	\$0.00
\$180,000.00	X	0	=	\$0.00
\$75,000.00	X	0	=	\$0.00
\$60,000.00	X	0	=	\$0.00
\$55,000.00	X	0	=	\$0.00
\$65,000.00	X	0	=	\$0.00
\$160,000.00	X	0	=	\$0.00
\$13,750,000.00	X	0	=	\$0.00
\$210,000.00	X	0	=	\$0.00
\$450,000.00	X	0	=	\$0.00
\$70,000.00	X	0	=	\$0.00
\$765,000.00	X	0	=	\$0.00
\$325,000.00	X	0	=	\$0.00
\$350,000.00	X	0	=	\$0.00
\$200,000.00	X	0	=	\$0.00
\$310,000.00	X	0	=	\$0.00
\$295,000.00	X	0	=	\$0.00
\$250,000.00	X	0	=	\$0.00
\$175,000.00	X	0	=	\$0.00
\$200,000.00	X	0	=	\$0.00
\$355,000.00	X	0	=	\$0.00
\$155,000.00	X	0	=	\$0.00
\$160,000.00	X	0	=	\$0.00
\$145,000.00	X	0	=	\$0.00
\$305,000.00	X	0	=	\$0.00
\$395,000.00	X	0	=	\$0.00

Name/Description of Structure	Structure Replacement Value (Step 3) (\$)	X	Percent Damage (Step 4) (%)	=	Loss to Structure (\$)
West Taylor Elementary School	\$3,250,000.00	X	5	=	\$162,500.00
Bryans Hardware	\$425,000.00	X	10	=	\$42,500.00
Builders Service & Supply Company	\$500,000.00	X	10	=	\$50,000.00
Crislip Motor Lodge	\$375,000.00	X	10	=	\$37,500.00
Dyna Mix, Inc.	\$525,000.00	X	10	=	\$52,500.00
Dyna Tech Adhesives, Inc.	\$850,000.00	X	10	=	\$85,000.00
Estel Machine Company	\$650,000.00	X	10	=	\$65,000.00
Glenn Enterprises	\$775,000.00	X	10	=	\$77,500.00
Grafton County Club Road Industrial Site	\$7,550,000.00	X	10	=	\$755,000.00
Grafton Homes, Inc.	\$225,000.00	X	10	=	\$22,500.00
Grafton Motel	\$985,000.00	X	10	=	\$98,500.00
Grafton Truss & Panel Company	\$895,000.00	X	10	=	\$89,500.00
Harmon Shopping Center	\$5,150,000.00	X	5	=	\$257,500.00
Hart Industries	\$2,000,000.00	X	10	=	\$200,000.00
Jerry Run Industrial Park	\$8,550,000.00	X	5	=	\$427,500.00
K&P Machine Service	\$995,000.00	X	10	=	\$99,500.00
Knotts Industrial Site	\$5,450,000.00	X	5	=	\$272,500.00
Main Street Printers, Inc.	\$550,000.00	X	10	=	\$55,000.00
Mountaineer Custom Cartridge	\$675,000.00	X	10	=	\$67,500.00
Mountaineer Power Equipment	\$345,000.00	X	10	=	\$34,500.00
Packaging Corporation of America	\$865,000.00	X	10	=	\$86,500.00
Refuse Control Systems	\$475,000.00	X	10	=	\$47,500.00
Rex-Hide Industries, Inc.	\$1,750,000.00	X	10	=	\$175,000.00
RRHAMCO, Inc.	\$1,450,000.00	X	10	=	\$145,000.00
Taylor County Board of Education	\$3,650,000.00	X	10	=	\$365,000.00
Taylor County Development Authority	\$2,225,000.00	X	10	=	\$222,500.00
Taylor County Fairgrounds	\$650,000.00	X	10	=	\$65,000.00
Taylor County Supply Company	\$395,000.00	X	10	=	\$39,500.00
Taylor County Workshop	\$775,000.00	X	10	=	\$77,500.00
Thorns Excavating	\$650,000.00	X	10	=	\$65,000.00
Tygart Lake Dam	\$18,500,000.00	X	0	=	\$0.00
Tygart Lake Resort Properties	\$3,775,000.00	X	10	=	\$377,500.00
Vanco Welding & Repair, Inc.	\$1,125,000.00	X	10	=	\$112,500.00
Walmart Associates	\$3,850,000.00	X	5	=	\$192,500.00

Replacement Value of Contents (Step 3) (\$)	X	Percent Damage (step 4) (%)	=	Loss to Contents (\$)
\$230,000.00	X	0	=	\$0.00
\$220,000.00	X	0	=	\$0.00
\$750,000.00	X	0	=	\$0.00
\$175,000.00	X	0	=	\$0.00
\$310,000.00	X	0	=	\$0.00
\$280,000.00	X	0	=	\$0.00
\$250,000.00	X	0	=	\$0.00
\$275,000.00	X	0	=	\$0.00
\$850,000.00	X	0	=	\$0.00
\$540,000.00	X	0	=	\$0.00
\$265,000.00	X	0	=	\$0.00
\$415,000.00	X	0	=	\$0.00
\$1,500,000.00	X	0	=	\$0.00
\$575,000.00	X	0	=	\$0.00
\$2,000,000.00	X	0	=	\$0.00
\$350,000.00	X	0	=	\$0.00
\$795,000.00	X	0	=	\$0.00
\$125,000.00	X	0	=	\$0.00
\$210,000.00	X	0	=	\$0.00
\$635,000.00	X	0	=	\$0.00
\$410,000.00	X	0	=	\$0.00
\$205,000.00	X	0	=	\$0.00
\$375,000.00	X	0	=	\$0.00
\$415,000.00	X	0	=	\$0.00
\$150,000.00	X	0	=	\$0.00
\$115,000.00	X	0	=	\$0.00
\$50,000.00	X	0	=	\$0.00
\$325,000.00	X	0	=	\$0.00
\$255,000.00	X	0	=	\$0.00
\$545,000.00	X	0	=	\$0.00
\$0.00	X	0	=	\$0.00
\$650,000.00	X	0	=	\$0.00
\$200,000.00	X	0	=	\$0.00
\$1,750,000.00	X	0	=	\$0.00

Name/Description of Structure	Structure Replacement Value (Step 3) (\$)	X	Percent Damage (Step 4) (%)	=	Loss to Structure (\$)
West Taylor County Industrial Site	\$6,750,000.00	X	5	=	\$337,500.00
West Virginia Department of Corrections	\$1,200,000.00	X	10	=	\$120,000.00
West Virginia Paving, Inc.	\$425,000.00	X	10	=	\$42,500.00
Flemington Post Office	\$410,000.00	X	5	=	\$20,500.00
Grafton Post Office	\$525,000.00	X	5	=	\$26,300.00
Rosemont Post Office	\$210,000.00	X	5	=	\$10,500.00
Simpson Post Office	\$275,000.00	X	5	=	\$13,800.00
Thornton Post Office	\$200,000.00	X	5	=	\$10,000.00
Taylor County Public Library	\$580,000.00	X	5	=	\$29,000.00
Andrews Methodist Church	\$210,000.00	X	10	=	\$21,000.00
Anna Jarvis Birthplace Museum	\$225,000.00	X	10	=	\$22,500.00
B&O Railroad Station	\$550,000.00	X	10	=	\$55,000.00
Clelland House	\$195,000.00	X	10	=	\$19,500.00
Grafton National Cemetery	\$1,525,000.00	X	5	=	\$76,300.00
Grafton Downtown Commercial Historic District	\$4,500,000.00	X	10	=	\$450,000.00
					<b>\$41,614,200.00</b>

Replacement Value of Contents (Step 3) (\$)	X	Percent Damage (step 4) (%)	=	Loss to Contents (\$)
\$2,450,000.00	X	0	=	\$0.00
\$750,000.00	X	0	=	\$0.00
\$195,000.00	X	0	=	\$0.00
\$110,000.00	X	0	=	\$0.00
\$140,000.00	X	0	=	\$0.00
\$80,000.00	X	0	=	\$0.00
\$95,000.00	X	0	=	\$0.00
\$90,000.00	X	0	=	\$0.00
\$220,000.00	X	0	=	\$0.00
\$65,000.00	X	0	=	\$0.00
\$110,000.00	X	0	=	\$0.00
\$90,000.00	X	0	=	\$0.00
\$70,000.00	X	0	=	\$0.00
\$65,000.00	X	0	=	\$0.00
\$1,350,000.00	X	0	=	\$0.00
				<b>\$0.00</b>

**Hazard: Severe Winter Storm**

Structure Use and Function Loss (Task A.3.)										
Name/Description of Structure	Average Daily Operating Budget (Step 3) (\$)	X	Functional Downtime (Step 4) (# of days)	+	Displacement Cost per Day (Step 3) (\$)	X	Displacement Time (Step 4) (\$)	=	Structure Use & Function Loss (\$)	Structure Loss + Content Loss + Function Loss (\$)
Flemington Town Hall	\$550.00	X	3	+	\$55.00	X	3	=	\$1,815.00	\$101,815.00
Grafton City Hall	\$800.00	X	3	+	\$80.00	X	3	=	\$2,640.00	\$140,140.00
Taylor County Courthouse	\$950.00	X	3	+	\$95.00	X	3	=	\$3,135.00	\$178,135.00
Bridges	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$4,300,000.00
Railroads	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$3,800,000.00
Roads	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$19,000,000.00
Roy Airfield	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$9,000.00
Allegheny Power	\$12,000.00	X	3	+	\$6,000.00	X	3	=	\$54,000.00	\$154,500.00
Bowie Gas	\$7,000.00	X	3	+	\$4,550.00	X	3	=	\$34,650.00	\$72,150.00
Grafton Wastewater Treatment Plant	\$5,000.00	X	2	+	\$3,250.00	X	2	=	\$16,500.00	\$227,800.00
Equitable Gas	\$9,000.00	X	3	+	\$5,200.00	X	3	=	\$42,600.00	\$84,100.00
Equitrans Gas	\$8,000.00	X	3	+	\$4,950.00	X	3	=	\$38,850.00	\$79,350.00
Haymond Public Service District	\$900.00	X	2	+	\$615.00	X	2	=	\$3,030.00	\$90,530.00
Mountain View Water Association	\$2,450.00	X	2	+	\$1,550.00	X	2	=	\$8,000.00	\$195,500.00
Southwestern Public Service District	\$2,400.00	X	2	+	\$1,440.00	X	2	=	\$7,680.00	\$57,680.00
Taylor County Public Service District	\$4,000.00	X	2	+	\$3,150.00	X	2	=	\$14,300.00	\$338,100.00
Time Warner Cable	\$6,000.00	X	3	+	\$4,200.00	X	3	=	\$30,600.00	\$125,600.00
West Side Communications	\$3,250.00	X	3	+	\$2,275.00	X	3	=	\$16,575.00	\$94,075.00
West Virginia Division of Highways	\$850.00	X	3	+	\$360.00	X	3	=	\$3,630.00	\$38,630.00
CSX Police Department	\$310.00	X	3	+	\$170.00	X	3	=	\$1,440.00	\$31,940.00
Flemington Volunteer Fire Department	\$275.00	X	2	+	\$155.00	X	2	=	\$860.00	\$58,360.00
Grafton Fire Department	\$400.00	X	2	+	\$220.00	X	2	=	\$1,240.00	\$81,240.00
Grafton Police Department	\$650.00	X	2	+	\$357.00	X	2	=	\$2,014.00	\$33,514.00
Pruntytown Correctional Center	\$850.00	X	1	+	\$553.00	X	1	=	\$1,403.00	\$241,403.00
Taylor County Emergency Communications Center - 911	\$150.00	X	1	+	\$300.00	X	1	=	\$450.00	\$155,450.00
Taylor County Emergency Operations Center	\$315.00	X	1	+	\$350.00	X	1	=	\$665.00	\$8,165.00
Taylor County Jail	\$450.00	X	1	+	\$540.00	X	1	=	\$990.00	\$39,790.00
Taylor County Office of Emergency Services	\$375.00	X	1	+	\$415.00	X	1	=	\$790.00	\$25,790.00

Name/Description of Structure	Average Daily Operating Budget (Step 3) (\$)	X	Functional Downtime (Step 4) (# of days)	+	Displacement Cost per Day (Step 3) (\$)	X	Displacement Time (Step 4) (\$)	=	Structure Use & Function Loss (\$)	Structure Loss + Content Loss + Function Loss (\$)
Taylor County Sheriff's Department	\$710.00	X	1	+	\$785.00	X	1	=	\$1,495.00	\$68,995.00
Thornton Fire Department	\$215.00	X	1	+	\$260.00	X	1	=	\$475.00	\$41,475.00
River Valley Chapter of ARC	\$310.00	X	3	+	\$210.00	X	3	=	\$1,560.00	\$39,060.00
Salvation Army	\$175.00	X	3	+	\$115.00	X	3	=	\$870.00	\$29,870.00
United States Army Reserve Corp. 363rd Military Police	\$845.00	X	1	+	\$635.00	X	1	=	\$1,480.00	\$32,280.00
West Virginia State Police	\$965.00	X	1	+	\$920.00	X	1	=	\$1,885.00	\$76,885.00
Alliance Personal Care Home	\$1,400.00	X	3	+	\$1,540.00	X	3	=	\$8,820.00	\$44,320.00
Beulahland Personal Care	\$900.00	X	3	+	\$990.00	X	3	=	\$5,670.00	\$37,170.00
County Living	\$625.00	X	3	+	\$690.00	X	3	=	\$3,945.00	\$33,945.00
Eldercare Resources	\$4,000.00	X	3	+	\$4,400.00	X	3	=	\$25,200.00	\$56,200.00
Flemington Emergency Medical Services	\$150.00	X	2	+	\$185.00	X	2	=	\$670.00	\$5,670.00
Grafton City Hospital	\$18,000.00	X	1	+	\$27,000.00	X	1	=	\$45,000.00	\$1,332,500.00
Grafton Emergency Medical Services	\$195.00	X	1	+	\$215.00	X	1	=	\$410.00	\$8,410.00
Hospice Care Corporation	\$1,375.00	X	3	+	\$1,725.00	X	3	=	\$9,300.00	\$264,300.00
Lighthouse Manor	\$750.00	X	3	+	\$825.00	X	3	=	\$4,725.00	\$179,725.00
Medical Center of Taylor County	\$1,425.00	X	3	+	\$1,560.00	X	3	=	\$8,955.00	\$603,955.00
Rosewood Nursing & Rehabilitation Center	\$1,150.00	X	3	+	\$1,265.00	X	3	=	\$7,245.00	\$357,245.00
Taylor County Emergency Medical Services	\$210.00	X	1	+	\$230.00	X	1	=	\$440.00	\$30,440.00
Taylor County Senior Citizen's Association	\$345.00	X	2	+	\$260.00	X	2	=	\$1,210.00	\$98,710.00
Tygart Valley Total Care Clinic	\$1,275.00	X	2	+	\$1,420.00	X	2	=	\$5,390.00	\$455,390.00
Valley Health Care System	\$1,200.00	X	2	+	\$1,320.00	X	2	=	\$5,040.00	\$205,040.00
Anna Jarvis Elementary School	\$750.00	X	3	+	\$940.00	X	3	=	\$5,070.00	\$147,570.00
Fellowship Christian Academy	\$510.00	X	3	+	\$640.00	X	3	=	\$3,450.00	\$135,950.00
Flemington Elementary School	\$655.00	X	3	+	\$820.00	X	3	=	\$4,425.00	\$156,925.00
Grafton High School	\$1,100.00	X	3	+	\$1,375.00	X	3	=	\$7,425.00	\$732,425.00
Hepzibah Elementary School	\$495.00	X	3	+	\$620.00	X	3	=	\$3,345.00	\$64,645.00
Mr. Vernon Elementary School	\$480.00	X	3	+	\$600.00	X	3	=	\$3,240.00	\$85,740.00
New Testament Christian Academy	\$500.00	X	3	+	\$625.00	X	3	=	\$3,375.00	\$53,375.00
Taylor County Middle School	\$985.00	X	3	+	\$1,235.00	X	3	=	\$6,660.00	\$335,460.00
Taylor County Vocational Center	\$935.00	X	3	+	\$1,170.00	X	3	=	\$6,315.00	\$431,315.00

Name/Description of Structure	Average Daily Operating Budget (Step 3) (\$)	X	Functional Downtime (Step 4) (# of days)	+	Displacement Cost per Day (Step 3) (\$)	X	Displacement Time (Step 4) (\$)	=	Structure Use & Function Loss (\$)	Structure Loss + Content Loss + Function Loss (\$)
West Taylor Elementary School	\$625.00	X	3	+	\$785.00	X	3	=	\$4,230.00	\$166,730.00
Bryans Hardware	\$760.00	X	3	+	\$460.00	X	3	=	\$3,660.00	\$46,160.00
Builders Service & Supply Company	\$2,500.00	X	3	+	\$1,550.00	X	3	=	\$12,150.00	\$62,150.00
Crislip Motor Lodge	\$1,095.00	X	3	+	\$880.00	X	3	=	\$5,925.00	\$43,425.00
Dyna Mix, Inc.	\$2,450.00	X	3	+	\$1,845.00	X	3	=	\$12,885.00	\$65,385.00
Dyna Tech Adhesives, Inc.	\$2,645.00	X	3	+	\$2,125.00	X	3	=	\$14,310.00	\$99,310.00
Estel Machine Company	\$1,250.00	X	3	+	\$1,000.00	X	3	=	\$6,750.00	\$71,750.00
Glenn Enterprises	\$9,000.00	X	3	+	\$6,850.00	X	3	=	\$47,550.00	\$125,050.00
Grafton County Club Road Industrial Site	\$5,650.00	X	3	+	\$4,520.00	X	3	=	\$30,510.00	\$785,510.00
Grafton Homes, Inc.	\$3,675.00	X	3	+	\$3,200.00	X	3	=	\$20,625.00	\$43,125.00
Grafton Motel	\$1,325.00	X	3	+	\$1,300.00	X	3	=	\$7,875.00	\$106,375.00
Grafton Truss & Panel Company	\$1,890.00	X	3	+	\$1,606.00	X	3	=	\$10,488.00	\$99,988.00
Harmon Shopping Center	\$2,850.00	X	3	+	\$2,280.00	X	3	=	\$15,390.00	\$272,890.00
Hart Industries	\$3,150.00	X	3	+	\$2,680.00	X	3	=	\$17,490.00	\$217,490.00
Jerry Run Industrial Park	\$4,500.00	X	3	+	\$3,825.00	X	3	=	\$24,975.00	\$452,475.00
K&P Machine Service	\$1,200.00	X	3	+	\$780.00	X	3	=	\$5,940.00	\$105,440.00
Knotts Industrial Site	\$4,250.00	X	3	+	\$3,615.00	X	3	=	\$23,595.00	\$296,095.00
Main Street Printers, Inc.	\$375.00	X	3	+	\$300.00	X	3	=	\$2,025.00	\$57,025.00
Mountaineer Custom Cartridge	\$410.00	X	3	+	\$350.00	X	3	=	\$2,280.00	\$69,780.00
Mountaineer Power Equipment	\$750.00	X	3	+	\$638.00	X	3	=	\$4,164.00	\$38,664.00
Packaging Corporation of America	\$1,165.00	X	3	+	\$990.00	X	3	=	\$6,465.00	\$92,965.00
Refuse Control Systems	\$895.00	X	3	+	\$761.00	X	3	=	\$4,968.00	\$52,468.00
Rex-Hide Industries, Inc.	\$11,500.00	X	3	+	\$10,350.00	X	3	=	\$65,550.00	\$240,550.00
RRHAMCO, Inc.	\$3,100.00	X	3	+	\$2,635.00	X	3	=	\$17,205.00	\$162,205.00
Taylor County Board of Education	\$8,250.00	X	3	+	\$5,363.00	X	3	=	\$40,839.00	\$405,839.00
Taylor County Development Authority	\$950.00	X	3	+	\$715.00	X	3	=	\$4,995.00	\$227,495.00
Taylor County Fairgrounds	\$180.00	X	3	+	\$90.00	X	3	=	\$810.00	\$65,810.00
Taylor County Supply Company	\$950.00	X	3	+	\$810.00	X	3	=	\$5,280.00	\$44,780.00
Taylor County Workshop	\$685.00	X	3	+	\$514.00	X	3	=	\$3,597.00	\$81,097.00
Thorns Excavating	\$1,150.00	X	3	+	\$863.00	X	3	=	\$6,039.00	\$71,039.00
Tygart Lake Dam	\$1,785.00	X	3	+	\$2,677.00	X	3	=	\$13,386.00	\$13,386.00
Tygart Lake Resort Properties	\$250.00	X	3	+	\$200.00	X	3	=	\$1,350.00	\$378,850.00
Vanco Welding & Repair, Inc.	\$1,075.00	X	3	+	\$914.00	X	3	=	\$5,967.00	\$118,467.00
Walmart Associates	\$21,000.00	X	3	+	\$17,850.00	X	3	=	\$116,550.00	\$309,050.00

Name/Description of Structure	Average Daily Operating Budget (Step 3) (\$)	X	Functional Downtime (Step 4) (# of days)	+	Displacement Cost per Day (Step 3) (\$)	X	Displacement Time (Step 4) (\$)	=	Structure Use & Function Loss (\$)	Structure Loss + Content Loss + Function Loss (\$)
West Taylor County Industrial Site	\$3,950.00	X	3	+	\$3,350.00	X	3	=	\$21,900.00	\$359,400.00
West Virginia Department of Corrections	\$10,000.00	X	3	+	\$8,500.00	X	3	=	\$55,500.00	\$175,500.00
West Virginia Paving, Inc.	\$1,150.00	X	3	+	\$920.00	X	3	=	\$6,210.00	\$48,710.00
Flemington Post Office	\$265.00	X	2	+	\$240.00	X	2	=	\$1,010.00	\$21,510.00
Grafton Post Office	\$310.00	X	2	+	\$280.00	X	2	=	\$1,180.00	\$27,480.00
Rosemont Post Office	\$215.00	X	2	+	\$195.00	X	2	=	\$820.00	\$11,320.00
Simpson Post Office	\$225.00	X	2	+	\$205.00	X	2	=	\$860.00	\$14,660.00
Thornton Post Office	\$210.00	X	2	+	\$190.00	X	2	=	\$800.00	\$10,800.00
Taylor County Public Library	\$625.00	X	3	+	\$565.00	X	3	=	\$3,570.00	\$32,570.00
Andrews Methodist Church	\$0.00	X	3	+	\$0.00	X	3	=	\$0.00	\$21,000.00
Anna Jarvis Birthplace Museum	\$0.00	X	3	+	\$0.00	X	3	=	\$0.00	\$22,500.00
B&O Railroad Station	\$415.00	X	3	+	\$353.00	X	3	=	\$2,304.00	\$57,304.00
Clelland House	\$0.00	X	3	+	\$0.00	X	3	=	\$0.00	\$19,500.00
Grafton National Cemetery	\$270.00	X	3	+	\$180.00	X	3	=	\$1,350.00	\$77,650.00
Grafton Downtown Commercial Historic District	\$2,055.00	X	3	+	\$1,335.00	X	3	=	\$10,170.00	\$460,170.00
									<b>\$1,142,400.00</b>	<b>\$42,756,600.00</b>

**Hazard: Wildfire**

<b>Structure Loss (Task A.1.)</b>					
<b>Name/Description of Structure</b>	<b>Structure Replacement Value (Step 3) (\$)</b>	<b>X</b>	<b>Percent Damage (Step 4) (%)</b>	<b>=</b>	<b>Loss to Structure (\$)</b>
Flemington Town Hall	\$2,000,000.00	X	50	=	\$1,000,000.00
Grafton City Hall	\$2,750,000.00	X	50	=	\$1,375,000.00
Taylor County Courthouse	\$3,500,000.00	X	50	=	\$1,750,000.00
Bridges	\$215,000,000.00	X	0	=	\$0.00
Railroads	\$190,000,000.00	X	0	=	\$0.00
Roads	\$950,000,000.00	X	0	=	\$0.00
Roy Airfield	\$450,000.00	X	0	=	\$0.00
Allegheny Power	\$1,005,000.00	X	70	=	\$703,500.00
Bowie Gas	\$375,000.00	X	80	=	\$300,000.00
Grafton Wastewater Treatment Plant	\$4,225,000.00	X	40	=	\$1,690,000.00
Equitable Gas	\$415,000.00	X	80	=	\$332,000.00
Equitrans Gas	\$405,000.00	X	80	=	\$324,000.00
Haymond Public Service District	\$1,750,000.00	X	40	=	\$700,000.00
Mountain View Water Association	\$3,750,000.00	X	40	=	\$1,500,000.00
Southwestern Public Service District	\$1,000,000.00	X	40	=	\$400,000.00
Taylor County Public Service District	\$6,475,000.00	X	40	=	\$2,590,000.00
Time Warner Cable	\$950,000.00	X	70	=	\$665,000.00
West Side Communications	\$775,000.00	X	70	=	\$542,500.00
West Virginia Division of Highways	\$350,000.00	X	70	=	\$245,000.00
CSX Police Department	\$305,000.00	X	70	=	\$213,500.00
Flemington Volunteer Fire Department	\$575,000.00	X	70	=	\$402,500.00
Grafton Fire Department	\$800,000.00	X	70	=	\$560,000.00
Grafton Police Department	\$315,000.00	X	70	=	\$220,500.00
Pruntytown Correctional Center	\$4,800,000.00	X	50	=	\$2,400,000.00
Taylor County Emergency Communications Center - 911	\$1,550,000.00	X	60	=	\$930,000.00
Taylor County Emergency Operations Center	\$150,000.00	X	60	=	\$90,000.00
Taylor County Jail	\$775,000.00	X	50	=	\$387,500.00
Taylor County Office of Emergency Services	\$500,000.00	X	60	=	\$300,000.00

<b>Contents Loss (Task A.2.)</b>				
<b>Replacement Value of Contents (Step 3) (\$)</b>	<b>X</b>	<b>Percent Damage (step 4) (%)</b>	<b>=</b>	<b>Loss to Contents (\$)</b>
\$225,000.00	X	70	=	\$157,500.00
\$375,000.00	X	70	=	\$262,500.00
\$600,000.00	X	70	=	\$420,000.00
\$0.00	X	0	=	\$0.00
\$0.00	X	0	=	\$0.00
\$0.00	X	0	=	\$0.00
\$0.00	X	0	=	\$0.00
\$0.00	X	0	=	\$0.00
\$155,000.00	X	80	=	\$124,000.00
\$175,000.00	X	90	=	\$157,500.00
\$3,850,000.00	X	60	=	\$2,310,000.00
\$210,000.00	X	90	=	\$189,000.00
\$185,000.00	X	90	=	\$166,500.00
\$1,250,000.00	X	60	=	\$750,000.00
\$2,950,000.00	X	60	=	\$1,770,000.00
\$4,000,000.00	X	60	=	\$2,400,000.00
\$6,450,000.00	X	60	=	\$3,870,000.00
\$225,000.00	X	80	=	\$180,000.00
\$200,000.00	X	80	=	\$160,000.00
\$580,000.00	X	80	=	\$464,000.00
\$110,000.00	X	80	=	\$88,000.00
\$525,000.00	X	80	=	\$420,000.00
\$725,000.00	X	80	=	\$580,000.00
\$310,000.00	X	80	=	\$248,000.00
\$375,000.00	X	70	=	\$262,500.00
\$2,675,000.00	X	75	=	\$2,006,300.00
\$350,000.00	X	75	=	\$262,500.00
\$150,000.00	X	70	=	\$105,000.00
\$180,000.00	X	75	=	\$135,000.00

Name/Description of Structure	Structure Replacement Value (Step 3) (\$)	X	Percent Damage (Step 4) (%)	=	Loss to Structure (\$)
Taylor County Sheriff's Department	\$675,000.00	X	60	=	\$405,000.00
Thornton Fire Department	\$410,000.00	X	70	=	\$287,000.00
River Valley Chapter of ARC	\$375,000.00	X	70	=	\$262,500.00
Salvation Army	\$290,000.00	X	70	=	\$203,000.00
United States Army Reserve Corp. 363rd Military Police	\$615,000.00	X	50	=	\$307,500.00
West Virginia State Police	\$750,000.00	X	70	=	\$525,000.00
Alliance Personal Care Home	\$355,000.00	X	70	=	\$248,500.00
Beulahland Personal Care	\$315,000.00	X	70	=	\$220,500.00
County Living	\$300,000.00	X	70	=	\$210,000.00
Eldercare Resources	\$310,000.00	X	70	=	\$217,000.00
Flemington Emergency Medical Services	\$50,000.00	X	70	=	\$35,000.00
Grafton City Hospital	\$25,750,000.00	X	50	=	\$12,875,000.00
Grafton Emergency Medical Services	\$80,000.00	X	70	=	\$56,000.00
Hospice Care Corporation	\$2,550,000.00	X	70	=	\$1,785,000.00
Lighthouse Manor	\$1,750,000.00	X	70	=	\$1,225,000.00
Medical Center of Taylor County	\$5,950,000.00	X	70	=	\$4,165,000.00
Rosewood Nursing & Rehabilitation Center	\$3,500,000.00	X	70	=	\$2,450,000.00
Taylor County Emergency Medical Services	\$300,000.00	X	70	=	\$210,000.00
Taylor County Senior Citizen's Association	\$975,000.00	X	70	=	\$682,500.00
Tygart Valley Total Care Clinic	\$4,500,000.00	X	50	=	\$2,250,000.00
Valley Health Care System	\$2,000,000.00	X	50	=	\$1,000,000.00
Anna Jarvis Elementary School	\$2,850,000.00	X	50	=	\$1,425,000.00
Fellowship Christian Academy	\$2,650,000.00	X	50	=	\$1,325,000.00
Flemington Elementary School	\$3,050,000.00	X	50	=	\$1,525,000.00
Grafton High School	\$14,500,000.00	X	50	=	\$7,250,000.00
Hepzibah Elementary School	\$1,225,000.00	X	50	=	\$612,500.00
Mr. Vernon Elementary School	\$1,650,000.00	X	50	=	\$825,000.00
New Testament Christian Academy	\$1,000,000.00	X	50	=	\$500,000.00
Taylor County Middle School	\$6,575,000.00	X	50	=	\$3,287,500.00
Taylor County Vocational Center	\$8,500,000.00	X	50	=	\$4,250,000.00

Replacement Value of Contents (Step 3) (\$)	X	Percent Damage (step 4) (%)	=	Loss to Contents (\$)
\$135,000.00	X	75	=	\$101,300.00
\$355,000.00	X	80	=	\$284,000.00
\$110,000.00	X	80	=	\$88,000.00
\$75,000.00	X	80	=	\$60,000.00
\$650,000.00	X	70	=	\$455,000.00
\$180,000.00	X	80	=	\$144,000.00
\$75,000.00	X	80	=	\$60,000.00
\$60,000.00	X	80	=	\$48,000.00
\$55,000.00	X	80	=	\$44,000.00
\$65,000.00	X	80	=	\$52,000.00
\$160,000.00	X	80	=	\$128,000.00
\$13,750,000.00	X	70	=	\$9,625,000.00
\$210,000.00	X	80	=	\$168,000.00
\$450,000.00	X	80	=	\$360,000.00
\$70,000.00	X	80	=	\$56,000.00
\$765,000.00	X	80	=	\$612,000.00
\$325,000.00	X	80	=	\$260,000.00
\$350,000.00	X	80	=	\$280,000.00
\$200,000.00	X	80	=	\$160,000.00
\$310,000.00	X	70	=	\$217,000.00
\$295,000.00	X	70	=	\$206,500.00
\$250,000.00	X	70	=	\$175,000.00
\$175,000.00	X	70	=	\$122,500.00
\$200,000.00	X	70	=	\$140,000.00
\$355,000.00	X	70	=	\$248,500.00
\$155,000.00	X	70	=	\$108,500.00
\$160,000.00	X	70	=	\$112,000.00
\$145,000.00	X	70	=	\$101,500.00
\$305,000.00	X	70	=	\$213,500.00
\$395,000.00	X	70	=	\$276,500.00

Name/Description of Structure	Structure Replacement Value (Step 3) (\$)	X	Percent Damage (Step 4) (%)	=	Loss to Structure (\$)
West Taylor Elementary School	\$3,250,000.00	X	50	=	\$1,625,000.00
Bryans Hardware	\$425,000.00	X	70	=	\$297,500.00
Builders Service & Supply Company	\$500,000.00	X	70	=	\$350,000.00
Crislip Motor Lodge	\$375,000.00	X	70	=	\$262,500.00
Dyna Mix, Inc.	\$525,000.00	X	65	=	\$341,300.00
Dyna Tech Adhesives, Inc.	\$850,000.00	X	65	=	\$552,500.00
Estel Machine Company	\$650,000.00	X	65	=	\$422,500.00
Glenn Enterprises	\$775,000.00	X	65	=	\$503,800.00
Grafton County Club Road Industrial Site	\$7,550,000.00	X	65	=	\$4,907,500.00
Grafton Homes, Inc.	\$225,000.00	X	70	=	\$157,500.00
Grafton Motel	\$985,000.00	X	70	=	\$689,500.00
Grafton Truss & Panel Company	\$895,000.00	X	70	=	\$626,500.00
Harmon Shopping Center	\$5,150,000.00	X	50	=	\$2,575,000.00
Hart Industries	\$2,000,000.00	X	50	=	\$1,000,000.00
Jerry Run Industrial Park	\$8,550,000.00	X	50	=	\$4,275,000.00
K&P Machine Service	\$995,000.00	X	65	=	\$646,800.00
Knotts Industrial Site	\$5,450,000.00	X	50	=	\$2,725,000.00
Main Street Printers, Inc.	\$550,000.00	X	70	=	\$385,000.00
Mountaineer Custom Cartridge	\$675,000.00	X	70	=	\$472,500.00
Mountaineer Power Equipment	\$345,000.00	X	70	=	\$241,500.00
Packaging Corporation of America	\$865,000.00	X	70	=	\$605,500.00
Refuse Control Systems	\$475,000.00	X	60	=	\$285,000.00
Rex-Hide Industries, Inc.	\$1,750,000.00	X	60	=	\$1,050,000.00
RRHAMCO, Inc.	\$1,450,000.00	X	60	=	\$870,000.00
Taylor County Board of Education	\$3,650,000.00	X	50	=	\$1,825,000.00
Taylor County Development Authority	\$2,225,000.00	X	50	=	\$1,112,500.00
Taylor County Fairgrounds	\$650,000.00	X	70	=	\$455,000.00
Taylor County Supply Company	\$395,000.00	X	70	=	\$276,500.00
Taylor County Workshop	\$775,000.00	X	70	=	\$542,500.00
Thorns Excavating	\$650,000.00	X	70	=	\$455,000.00
Tygart Lake Dam	\$18,500,000.00	X	0	=	\$0.00
Tygart Lake Resort Properties	\$3,775,000.00	X	70	=	\$2,642,500.00
Vanco Welding & Repair, Inc.	\$1,125,000.00	X	70	=	\$787,500.00
Walmart Associates	\$3,850,000.00	X	50	=	\$1,925,000.00

Replacement Value of Contents (Step 3) (\$)	X	Percent Damage (step 4) (%)	=	Loss to Contents (\$)
\$230,000.00	X	70	=	\$161,000.00
\$220,000.00	X	80	=	\$176,000.00
\$750,000.00	X	80	=	\$600,000.00
\$175,000.00	X	80	=	\$140,000.00
\$310,000.00	X	75	=	\$232,500.00
\$280,000.00	X	75	=	\$210,000.00
\$250,000.00	X	75	=	\$187,500.00
\$275,000.00	X	75	=	\$206,300.00
\$850,000.00	X	75	=	\$637,500.00
\$540,000.00	X	80	=	\$432,000.00
\$265,000.00	X	80	=	\$212,000.00
\$415,000.00	X	80	=	\$332,000.00
\$1,500,000.00	X	70	=	\$1,050,000.00
\$575,000.00	X	70	=	\$402,500.00
\$2,000,000.00	X	70	=	\$1,400,000.00
\$350,000.00	X	75	=	\$262,500.00
\$795,000.00	X	70	=	\$556,500.00
\$125,000.00	X	80	=	\$100,000.00
\$210,000.00	X	80	=	\$168,000.00
\$635,000.00	X	80	=	\$508,000.00
\$410,000.00	X	80	=	\$328,000.00
\$205,000.00	X	75	=	\$153,800.00
\$375,000.00	X	75	=	\$281,300.00
\$415,000.00	X	75	=	\$311,300.00
\$150,000.00	X	70	=	\$105,000.00
\$115,000.00	X	70	=	\$80,500.00
\$50,000.00	X	80	=	\$40,000.00
\$325,000.00	X	80	=	\$260,000.00
\$255,000.00	X	80	=	\$204,000.00
\$545,000.00	X	80	=	\$436,000.00
\$0.00	X	0	=	\$0.00
\$650,000.00	X	80	=	\$520,000.00
\$200,000.00	X	80	=	\$160,000.00
\$1,750,000.00	X	70	=	\$1,225,000.00

Name/Description of Structure	Structure Replacement Value (Step 3) (\$)	X	Percent Damage (Step 4) (%)	=	Loss to Structure (\$)
West Taylor County Industrial Site	\$6,750,000.00	X	50	=	\$3,375,000.00
West Virginia Department of Corrections	\$1,200,000.00	X	50	=	\$600,000.00
West Virginia Paving, Inc.	\$425,000.00	X	70	=	\$297,500.00
Flemington Post Office	\$410,000.00	X	50	=	\$205,000.00
Grafton Post Office	\$525,000.00	X	50	=	\$262,500.00
Rosemont Post Office	\$210,000.00	X	50	=	\$105,000.00
Simpson Post Office	\$275,000.00	X	50	=	\$137,500.00
Thornton Post Office	\$200,000.00	X	50	=	\$100,000.00
Taylor County Public Library	\$580,000.00	X	50	=	\$290,000.00
Andrews Methodist Church	\$210,000.00	X	70	=	\$147,000.00
Anna Jarvis Birthplace Museum	\$225,000.00	X	65	=	\$146,300.00
B&O Railroad Station	\$550,000.00	X	70	=	\$385,000.00
Clelland House	\$195,000.00	X	70	=	\$136,500.00
Grafton National Cemetery	\$1,525,000.00	X	50	=	\$762,500.00
Grafton Downtown Commercial Historic District	\$4,500,000.00	X	65	=	\$2,925,000.00
					<b>\$116,004,200.00</b>

Replacement Value of Contents (Step 3) (\$)	X	Percent Damage (step 4) (%)	=	Loss to Contents (\$)
\$2,450,000.00	X	70	=	\$1,715,000.00
\$750,000.00	X	70	=	\$525,000.00
\$195,000.00	X	80	=	\$156,000.00
\$110,000.00	X	70	=	\$77,000.00
\$140,000.00	X	70	=	\$98,000.00
\$80,000.00	X	70	=	\$56,000.00
\$95,000.00	X	70	=	\$66,500.00
\$90,000.00	X	70	=	\$63,000.00
\$220,000.00	X	70	=	\$154,000.00
\$65,000.00	X	80	=	\$52,000.00
\$110,000.00	X	75	=	\$82,500.00
\$90,000.00	X	80	=	\$72,000.00
\$70,000.00	X	80	=	\$56,000.00
\$65,000.00	X	70	=	\$45,500.00
\$1,350,000.00	X	75	=	\$1,012,500.00
				<b>\$48,705,300.00</b>

**Hazard: Wildfire**

Structure Use and Function Loss (Task A.3.)										
Name/Description of Structure	Average Daily Operating Budget (Step 3) (\$)	X	Functional Downtime (Step 4) (# of days)	+	Displacement Cost per Day (Step 3) (\$)	X	Displacement Time (Step 4) (\$)	=	Structure Use & Function Loss (\$)	Structure Loss + Content Loss + Function Loss (\$)
Flemington Town Hall	\$550.00	X	180	+	\$55.00	X	180	=	\$108,900.00	\$1,266,400.00
Grafton City Hall	\$800.00	X	180	+	\$80.00	X	180	=	\$158,400.00	\$1,795,900.00
Taylor County Courthouse	\$950.00	X	180	+	\$95.00	X	180	=	\$188,100.00	\$2,358,100.00
Bridges	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Railroads	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Roads	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Roy Airfield	\$0.00	X	0	+	\$0.00	X	0	=	\$0.00	\$0.00
Allegheny Power	\$12,000.00	X	240	+	\$6,000.00	X	240	=	\$4,320,000.00	\$5,147,500.00
Bowie Gas	\$7,000.00	X	300	+	\$4,550.00	X	300	=	\$3,465,000.00	\$3,922,500.00
Grafton Wastewater Treatment Plant	\$5,000.00	X	120	+	\$3,250.00	X	120	=	\$990,000.00	\$4,990,000.00
Equitable Gas	\$9,000.00	X	300	+	\$5,200.00	X	300	=	\$4,260,000.00	\$4,781,000.00
Equitrans Gas	\$8,000.00	X	300	+	\$4,950.00	X	300	=	\$3,885,000.00	\$4,375,500.00
Haymond Public Service District	\$900.00	X	120	+	\$615.00	X	120	=	\$181,800.00	\$1,631,800.00
Mountain View Water Association	\$2,450.00	X	120	+	\$1,550.00	X	120	=	\$480,000.00	\$3,750,000.00
Southwestern Public Service District	\$2,400.00	X	120	+	\$1,440.00	X	120	=	\$460,800.00	\$3,260,800.00
Taylor County Public Service District	\$4,000.00	X	120	+	\$3,150.00	X	120	=	\$858,000.00	\$7,318,000.00
Time Warner Cable	\$6,000.00	X	240	+	\$4,200.00	X	240	=	\$2,448,000.00	\$3,293,000.00
West Side Communications	\$3,250.00	X	240	+	\$2,275.00	X	240	=	\$1,326,000.00	\$2,028,500.00
West Virginia Division of Highways	\$850.00	X	240	+	\$360.00	X	240	=	\$290,400.00	\$999,400.00
CSX Police Department	\$310.00	X	240	+	\$170.00	X	240	=	\$115,200.00	\$416,700.00
Flemington Volunteer Fire Department	\$275.00	X	240	+	\$155.00	X	240	=	\$103,200.00	\$925,700.00
Grafton Fire Department	\$400.00	X	240	+	\$220.00	X	240	=	\$148,800.00	\$1,288,800.00
Grafton Police Department	\$650.00	X	240	+	\$357.00	X	240	=	\$241,680.00	\$710,180.00
Pruntytown Correctional Center	\$850.00	X	180	+	\$553.00	X	180	=	\$252,540.00	\$2,915,040.00
Taylor County Emergency Communications Center - 911	\$150.00	X	210	+	\$300.00	X	210	=	\$94,500.00	\$3,030,800.00
Taylor County Emergency Operations Center	\$315.00	X	210	+	\$350.00	X	210	=	\$139,650.00	\$492,150.00
Taylor County Jail	\$450.00	X	180	+	\$540.00	X	180	=	\$178,200.00	\$670,700.00
Taylor County Office of Emergency Services	\$375.00	X	210	+	\$415.00	X	210	=	\$165,900.00	\$600,900.00

Name/Description of Structure	Average Daily Operating Budget (Step 3) (\$)	X	Functional Downtime (Step 4) (# of days)	+	Displacement Cost per Day (Step 3) (\$)	X	Displacement Time (Step 4) (\$)	=	Structure Use & Function Loss (\$)	Structure Loss + Content Loss + Function Loss (\$)
Taylor County Sheriff's Department	\$710.00	X	210	+	\$785.00	X	210	=	\$313,950.00	\$820,250.00
Thornton Fire Department	\$215.00	X	240	+	\$260.00	X	240	=	\$114,000.00	\$685,000.00
River Valley Chapter of ARC	\$310.00	X	240	+	\$210.00	X	240	=	\$124,800.00	\$475,300.00
Salvation Army	\$175.00	X	240	+	\$115.00	X	240	=	\$69,600.00	\$332,600.00
United States Army Reserve Corp. 363rd Military Police	\$845.00	X	180	+	\$635.00	X	180	=	\$266,400.00	\$1,028,900.00
West Virginia State Police	\$965.00	X	240	+	\$920.00	X	240	=	\$452,400.00	\$1,121,400.00
Alliance Personal Care Home	\$1,400.00	X	240	+	\$1,540.00	X	240	=	\$705,600.00	\$1,014,100.00
Beulahland Personal Care	\$900.00	X	240	+	\$990.00	X	240	=	\$453,600.00	\$722,100.00
County Living	\$625.00	X	240	+	\$690.00	X	240	=	\$315,600.00	\$569,600.00
Eldercare Resources	\$4,000.00	X	240	+	\$4,400.00	X	240	=	\$2,016,000.00	\$2,285,000.00
Flemington Emergency Medical Services	\$150.00	X	240	+	\$185.00	X	240	=	\$80,400.00	\$243,400.00
Grafton City Hospital	\$18,000.00	X	180	+	\$27,000.00	X	180	=	\$8,100,000.00	\$30,600,000.00
Grafton Emergency Medical Services	\$195.00	X	240	+	\$215.00	X	240	=	\$98,400.00	\$322,400.00
Hospice Care Corporation	\$1,375.00	X	240	+	\$1,725.00	X	240	=	\$744,000.00	\$2,889,000.00
Lighthouse Manor	\$750.00	X	240	+	\$825.00	X	240	=	\$378,000.00	\$1,659,000.00
Medical Center of Taylor County	\$1,425.00	X	240	+	\$1,560.00	X	240	=	\$716,400.00	\$5,493,400.00
Rosewood Nursing & Rehabilitation Center	\$1,150.00	X	240	+	\$1,265.00	X	240	=	\$579,600.00	\$3,289,600.00
Taylor County Emergency Medical Services	\$210.00	X	240	+	\$230.00	X	240	=	\$105,600.00	\$595,600.00
Taylor County Senior Citizen's Association	\$345.00	X	240	+	\$260.00	X	240	=	\$145,200.00	\$987,700.00
Tygart Valley Total Care Clinic	\$1,275.00	X	180	+	\$1,420.00	X	180	=	\$485,100.00	\$2,952,100.00
Valley Health Care System	\$1,200.00	X	180	+	\$1,320.00	X	180	=	\$453,600.00	\$1,660,100.00
Anna Jarvis Elementary School	\$750.00	X	180	+	\$940.00	X	180	=	\$304,200.00	\$1,904,200.00
Fellowship Christian Academy	\$510.00	X	180	+	\$640.00	X	180	=	\$207,000.00	\$1,654,500.00
Flemington Elementary School	\$655.00	X	180	+	\$820.00	X	180	=	\$265,500.00	\$1,930,500.00
Grafton High School	\$1,100.00	X	180	+	\$1,375.00	X	180	=	\$445,500.00	\$7,944,000.00
Hepzibah Elementary School	\$495.00	X	180	+	\$620.00	X	180	=	\$200,700.00	\$921,700.00
Mr. Vernon Elementary School	\$480.00	X	180	+	\$600.00	X	180	=	\$194,400.00	\$1,131,400.00
New Testament Christian Academy	\$500.00	X	180	+	\$625.00	X	180	=	\$202,500.00	\$804,000.00
Taylor County Middle School	\$985.00	X	180	+	\$1,235.00	X	180	=	\$399,600.00	\$3,900,600.00
Taylor County Vocational Center	\$935.00	X	180	+	\$1,170.00	X	180	=	\$378,900.00	\$4,905,400.00

Name/Description of Structure	Average Daily Operating Budget (Step 3) (\$)	X	Functional Downtime (Step 4) (# of days)	+	Displacement Cost per Day (Step 3) (\$)	X	Displacement Time (Step 4) (\$)	=	Structure Use & Function Loss (\$)	Structure Loss + Content Loss + Function Loss (\$)
West Taylor Elementary School	\$625.00	X	180	+	\$785.00	X	180	=	\$253,800.00	\$2,039,800.00
Bryans Hardware	\$760.00	X	240	+	\$460.00	X	240	=	\$292,800.00	\$766,300.00
Builders Service & Supply Company	\$2,500.00	X	240	+	\$1,550.00	X	240	=	\$972,000.00	\$1,922,000.00
Crislip Motor Lodge	\$1,095.00	X	240	+	\$880.00	X	240	=	\$474,000.00	\$876,500.00
Dyna Mix, Inc.	\$2,450.00	X	210	+	\$1,845.00	X	210	=	\$901,950.00	\$1,475,750.00
Dyna Tech Adhesives, Inc.	\$2,645.00	X	210	+	\$2,125.00	X	210	=	\$1,001,700.00	\$1,764,200.00
Estel Machine Company	\$1,250.00	X	210	+	\$1,000.00	X	210	=	\$472,500.00	\$1,082,500.00
Glenn Enterprises	\$9,000.00	X	210	+	\$6,850.00	X	210	=	\$3,328,500.00	\$4,038,600.00
Grafton County Club Road Industrial Site	\$5,650.00	X	210	+	\$4,520.00	X	210	=	\$2,135,700.00	\$7,680,700.00
Grafton Homes, Inc.	\$3,675.00	X	240	+	\$3,200.00	X	240	=	\$1,650,000.00	\$2,239,500.00
Grafton Motel	\$1,325.00	X	240	+	\$1,300.00	X	240	=	\$630,000.00	\$1,531,500.00
Grafton Truss & Panel Company	\$1,890.00	X	240	+	\$1,606.00	X	240	=	\$839,040.00	\$1,797,540.00
Harmon Shopping Center	\$2,850.00	X	180	+	\$2,280.00	X	180	=	\$923,400.00	\$4,548,400.00
Hart Industries	\$3,150.00	X	180	+	\$2,680.00	X	180	=	\$1,049,400.00	\$2,451,900.00
Jerry Run Industrial Park	\$4,500.00	X	180	+	\$3,825.00	X	180	=	\$1,498,500.00	\$7,173,500.00
K&P Machine Service	\$1,200.00	X	210	+	\$780.00	X	210	=	\$415,800.00	\$1,325,100.00
Knotts Industrial Site	\$4,250.00	X	180	+	\$3,615.00	X	180	=	\$1,415,700.00	\$4,697,200.00
Main Street Printers, Inc.	\$375.00	X	240	+	\$300.00	X	240	=	\$162,000.00	\$647,000.00
Mountaineer Custom Cartridge	\$410.00	X	240	+	\$350.00	X	240	=	\$182,400.00	\$822,900.00
Mountaineer Power Equipment	\$750.00	X	240	+	\$638.00	X	240	=	\$333,120.00	\$1,082,620.00
Packaging Corporation of America	\$1,165.00	X	240	+	\$990.00	X	240	=	\$517,200.00	\$1,450,700.00
Refuse Control Systems	\$895.00	X	210	+	\$761.00	X	210	=	\$347,760.00	\$786,560.00
Rex-Hide Industries, Inc.	\$11,500.00	X	210	+	\$10,350.00	X	210	=	\$4,588,500.00	\$5,919,800.00
RRHAMCO, Inc.	\$3,100.00	X	210	+	\$2,635.00	X	210	=	\$1,204,350.00	\$2,385,650.00
Taylor County Board of Education	\$8,250.00	X	180	+	\$5,363.00	X	180	=	\$2,450,340.00	\$4,380,340.00
Taylor County Development Authority	\$950.00	X	180	+	\$715.00	X	180	=	\$299,700.00	\$1,492,700.00
Taylor County Fairgrounds	\$180.00	X	240	+	\$90.00	X	240	=	\$64,800.00	\$559,800.00
Taylor County Supply Company	\$950.00	X	240	+	\$810.00	X	240	=	\$422,400.00	\$958,900.00
Taylor County Workshop	\$685.00	X	240	+	\$514.00	X	240	=	\$287,760.00	\$1,034,260.00
Thorns Excavating	\$1,150.00	X	240	+	\$863.00	X	240	=	\$483,120.00	\$1,374,120.00
Tygart Lake Dam	\$1,785.00	X	0	+	\$2,677.00	X	0	=	\$0.00	\$0.00
Tygart Lake Resort Properties	\$250.00	X	240	+	\$200.00	X	240	=	\$108,000.00	\$3,270,500.00
Vanco Welding & Repair, Inc.	\$1,075.00	X	240	+	\$914.00	X	240	=	\$477,360.00	\$1,424,860.00
Walmart Associates	\$21,000.00	X	180	+	\$17,850.00	X	180	=	\$6,993,000.00	\$10,143,000.00

Name/Description of Structure	Average Daily Operating Budget (Step 3) (\$)	X	Functional Downtime (Step 4) (# of days)	+	Displacement Cost per Day (Step 3) (\$)	X	Displacement Time (Step 4) (\$)	=	Structure Use & Function Loss (\$)	Structure Loss + Content Loss + Function Loss (\$)
West Taylor County Industrial Site	\$3,950.00	X	180	+	\$3,350.00	X	180	=	\$1,314,000.00	\$6,404,000.00
West Virginia Department of Corrections	\$10,000.00	X	180	+	\$8,500.00	X	180	=	\$3,330,000.00	\$4,455,000.00
West Virginia Paving, Inc.	\$1,150.00	X	240	+	\$920.00	X	240	=	\$496,800.00	\$950,300.00
Flemington Post Office	\$265.00	X	180	+	\$240.00	X	180	=	\$90,900.00	\$372,900.00
Grafton Post Office	\$310.00	X	180	+	\$280.00	X	180	=	\$106,200.00	\$466,700.00
Rosemont Post Office	\$215.00	X	180	+	\$195.00	X	180	=	\$73,800.00	\$234,800.00
Simpson Post Office	\$225.00	X	180	+	\$205.00	X	180	=	\$77,400.00	\$281,400.00
Thornton Post Office	\$210.00	X	180	+	\$190.00	X	180	=	\$72,000.00	\$235,000.00
Taylor County Public Library	\$625.00	X	180	+	\$565.00	X	180	=	\$214,200.00	\$658,200.00
Andrews Methodist Church	\$0.00	X	240	+	\$0.00	X	240	=	\$0.00	\$199,000.00
Anna Jarvis Birthplace Museum	\$0.00	X	210	+	\$0.00	X	210	=	\$0.00	\$228,800.00
B&O Railroad Station	\$415.00	X	240	+	\$353.00	X	240	=	\$184,320.00	\$641,320.00
Clelland House	\$0.00	X	240	+	\$0.00	X	240	=	\$0.00	\$192,500.00
Grafton National Cemetery	\$270.00	X	180	+	\$180.00	X	180	=	\$81,000.00	\$889,000.00
Grafton Downtown Commercial Historic District	\$2,055.00	X	210	+	\$1,335.00	X	210	=	\$711,900.00	\$4,649,400.00
									<b>\$88,105,700.00</b>	<b>\$252,815,200.00</b>

# APPENDIX 3

# GLOSSARY

## APPENDIX 3

This appendix contains a list of definitions for commonly-used terms in this mitigation plan. It also contains a list of the acronyms that are used throughout.

### DEFINITION OF TERMS

**10-Year Flood:** A flood event with a 10% chance of occurring in any single year.

**25-Year Flood:** A flood event with a 4% chance of occurring in any single year.

**50-Year Flood:** A flood event with a 2% chance of occurring in any single year.

**100-Year Flood:** A flood event with a 1% chance of being equaled or exceeded in any single year.

**Asset Inventory:** A listing of critical facilities, historical facilities, facilities housing vulnerable populations (e.g., schools, nursing homes, hospitals), large economic assets in the community, and other, community-designated special considerations on which a risk assessment is completed.

**Benefit Cost Review:** A process by which a community considers both the potential benefits of mitigation projects in comparison with their costs. It is a way to determine if the costs are achievable and feasible based on the benefits that can be realistically anticipated.

**Emergency Services Project:** Action that protects people and property during and immediately after a disaster or hazard event.

**Hazard Risk Assessment:** The process of measuring the potential loss of life, personal injury, economic injury, and property damage resulting from hazards by assessing the vulnerability of people, buildings, and infrastructure to hazards.

**Loss Estimate:** A mathematical calculation of the potential damage – structural, contents, and functional – a facility and/or community could occur as a result of a

specific hazard.

**Mitigation:** Activities providing a critical foundation in the effort to reduce the loss of life and property from natural and/or man-made disasters by avoiding or lessening the impact of a disaster and providing value to the public by creating safer communities. Mitigation seeks to fix the cycle of disaster damage, reconstruction, and repeated damage. These activities or actions, in most cases, will have a long-term sustained effect.

**Natural Resource Protection:** Action that, in addition to minimizing hazard losses, also preserves or restores the functions of natural systems. These actions include sediment and erosion control, stream corridor restoration, watershed management, forest and vegetation management, and wetland restoration and preservation.

**Prevention:** Government administrative or regulatory actions or processes that influence the way land and buildings are developed and built. These actions also include public activities to reduce hazard losses.

**Property Protection:** Actions that involve the modification of existing buildings or structures to protect them from a hazard, or removal from the hazard area.

**Public Education and Awareness Project:** Action to inform and educate citizens, elected officials, and property owners about the hazards and potential ways to mitigate them.

**Robert T. Stafford Disaster Relief and Emergency Assistance Act:** Section 322 was added as part of the Disaster Mitigation Act (DMA) of 2000 to take a new and revitalized approach to mitigation planning. This new section emphasizes the need for local entities to closely coordinate mitigation planning and implementation efforts. In succinct terms, this is the mandate requiring local communities to compile and adopt a mitigation plan as an eligibility requirement for mitigation funding.

**STAPLEE Method:** A technique for identifying, evaluating, and prioritizing mitigation actions based on existing local conditions. It advocates an analysis based on the following conditions: social, technical, administrative, political, legal, economic, and environmental.

**Structural Project:** Action that involves the construction of structures to reduce the impact of a hazard.

#### DEFINITION OF ACRONYMS

AFGP	Assistance to Firefighters Grant Program
AML	Abandoned Mine Lands
ARC	American Red Cross
CDBG	Community Development Block Grant
CDC	Centers for Disease Control
CDFI	Community Development Financial Institution
CEDS	Comprehensive Economic Development Strategy
CFR	Code of Federal Regulations
CISM	Critical Incident Stress Management
DCOES	Doddridge County Office of Emergency Services
D-FIRM	Digital Flood Insurance Rate Map
DHS	(United States) Department of Homeland Security
DOJ	Department of Justice
EAS	Emergency Alert System
EDA	Economic Development Authority
EMPG	Emergency Management Performance Grant
EOP	Emergency Operations Plan
FBI	Federal Bureau of Investigation
FEMA	Federal Emergency Management Agency
FIRM	Flood Insurance Rate Map
FMA	Flood Mitigation Assistance (Program)
FSU	Fairmont State University
GIS	Geographic Information System
HMC	Hazard Mitigation (Core) Planning Committee
HMEP	Hazardous Materials Emergency Planning (Grant)

HMGP	Hazard Mitigation Grant Program
HMP	Hazard Mitigation Plan
IJDC	Infrastructure and Jobs Development Council
LEPC	Local Emergency Planning Committee
MCDHSEM	Marion County Department of Homeland Security and Emergency Management
MCOEM	Monongalia County Office of Emergency Management
MPO	Metropolitan Planning Organization
NASA	National Aeronautics and Space Administration
NCDC	National Climatic Data Center
NFIP	National Flood Insurance Program
NIMS	National Incident Management System
NOAA	National Oceanic and Atmospheric Administration
NRCS	Natural Resources Conservation Service
NWS	National Weather Service
ODP	Office of Domestic Preparedness
OEM	Office of Emergency Management
OES	Office of Emergency Services
PD	Police Department
PDC	Planning and Development Council
PDM	Pre-Disaster Mitigation (Grant Program)
PDSI	Palmer Drought Severity Index
PGA	Peak Ground Acceleration
POC	Point of Contact
PSD	Public Service District
RL	Repetitive Loss
SBA	Small Business Administration
SCBG	Small Cities Block Grant
SCS	Soil Conservation Service
SERC	State Emergency Response Commission
TCOES	Taylor County Office of Emergency Services
USACE	United States Army Corps of Engineers
USDA	United States Department of Agriculture
USGS	United States Geological Survey

VFD	Volunteer Fire Department
WCS	Worst Case Scenario
WFAS	Wildland Fire Assessment System
WHO	World Health Organization
WVDEP	West Virginia Department of Environmental Protection
WVDHSEM	West Virginia Division of Homeland Security and Emergency Management
WVDNR	West Virginia Department of Natural Resources
WVDOH	West Virginia Division of Highways
WVSFM	West Virginia State Fire Marshal
WVSP	West Virginia State Police
WVU	West Virginia University

# **APPENDIX 4**

# **RECORD OF ADOPTION**

## PUBLIC COMMENT ON MITIGATION PLAN

The Region VI Planning & Development Council is currently in the process of updating the Hazard Mitigation Plan for the following counties: Doddridge, Harrison, Marion, Monongalia, Preston, and Taylor.

This plan identifies the hazards to which these counties are susceptible as well as a variety of projects that can be undertaken to lessen the effects of those hazards. The plan is currently on file at the Region VI offices (34 Mountain Park Drive, White Hall) and can be reviewed between the dates of March 5<sup>th</sup> and March 27, 2012.

The Hazard Mitigation Plan is developed per federal requirements in Section 322 of the Robert T. Stafford Disaster Relief and Emergency Assistance Act, as enacted by Section 104 of the Disaster Mitigation Act of 2000.

Date

Name  
Jurisdiction/Agency  
Address  
City, State Zip

**Re: Region VI Multi-Jurisdictional Hazard Mitigation Plan Update**

Dear **Name**:

The multi-jurisdictional hazard mitigation for the Region VI Planning & Development Council has been updated. A copy of the plan is on file at the Region VI office and can be reviewed during regular business hours of 8 a.m. to 4 p.m. If you are unable to visit our office, the plan is on our website at [www.regionvi.com](http://www.regionvi.com).

The jurisdictions included in the plan are Doddridge, Harrison, Marion, Monongalia, Preston, and Taylor Counties as well as all municipalities within those counties. The plan includes an updated hazard risk assessment and mitigation project list.

Thank you for your attention to this matter. Should you have any questions or comments, feel free to contact me at (304) 366-5693.

Sincerely,

Lea Wolfe  
Assistant Director

# Region VI Hazard Mitigation Plan

## Public Comment Form

*The Region VI Hazard Mitigation Plan has been developed as per the requirements of Section 322 of the Robert T. Stafford Disaster Relief and Emergency Assistance Act. As part of that requirement, members of the public must have an opportunity to review and comment on the document. During the preparation of the plan, member counties held a number of public meetings to allow the public a chance to review the existing county documents and make suggestions regarding improvements. This form is provided to the public to record comments on the updated version of the plan. Following your review of the plan, please use this document to mark any strengths or areas for improvement.*

1. List any hazards you feel were not included in the plan but should have been.

---

---

1a. Why should these be included?

---

---

2. What hazards are in the plan that should be removed?

---

2a. Why?

---

3. List any projects you feel should have been included in the plan but were not.

---

---

3a. Why?

---

---

4. What projects are in the plan that should be removed?

---

4a. Why?

---

5. Please list any general comments you have.

---

---

---

6. In what jurisdiction (i.e., city, town, or unincorporated area) do you live?

---

THANK YOU for completing this form. If you would like to leave your name and other contact information, you may do so on the back of this sheet.

# REGION VI HAZARD MITIGATION PLAN PLANNING COMMITTEE MEETING

*May 26, 2011*

## **AGENDA**

1. Introductions
2. Overview of the Mitigation Plan Update Process
  - a. Review Stafford Act Legislation Requiring the Update
  - b. Changes for this Update Process
  - c. Items to Be Updated
  - d. Contractor Expectations
  - e. Community Expectations
3. Hazard Risk Discussion
  - a. Hazards to Include
  - b. Historical Occurrences Since 2004
  - c. General (i.e., Open) Discussion Regarding Hazards
4. Mitigation Project Discussion
  - a. How Projects Will Be Presented
  - b. "Regional" Projects
  - c. What Will Be Needed per Jurisdiction
  - d. General (i.e., Open) Discussion Regarding Projects
5. Q & A
6. Adjournment

**REGION VI PLANNING & DEVELOPMENT COUNCIL**  
**HAZARD MITIGATION PLAN**  
**PLANNING MEETING #1 MINUTES**

The first formal planning meeting for the Region VI Hazard Mitigation Plan was held on May 26, 2011 at the Region VI Planning and Development Council offices. The meeting began at 1:30 p.m.

Items to Be Updated

Although this is the original compilation of the regional document, this project essentially serves as an update to the plans of Doddridge, Harrison, Marion, Monongalia, Preston, and Taylor Counties. As such, JH Consulting, LLC (JHC) intends to utilize as much information from the latest versions of the county plans as possible. Existing lists of hazard occurrences, critical facility inventories, loss estimates, etc. will be imported from the existing plans and updated to represent 2011 figures.

The updated plan will be a single, regional document. Originally, JHC and Region VI planned to summarize the individual plans and append the most recent county plans to the regional summary. FEMA and WVDHSEM, however, have asked for a fully-consolidated document. As a result, the risk assessment portion of the plan will be fully combined. Hazard occurrences will be discussed and, where appropriate, jurisdictional vulnerabilities may be discussed. The process will be very similar to the one used to develop a multi-jurisdictional plan at the county level; there will simply now be more jurisdictions involved. A new section will be added to discuss how vulnerabilities in one jurisdiction affect another (e.g., if the river rises to a level of X feet, how will communities downstream – even those in other counties – be affected?). This new section can also address how development in one jurisdiction could affect risk in a neighboring jurisdiction (e.g., increased pavement associated with a development creating additional run-off).

The mitigation projects section of the plan – to include prioritization – will be a single section, but represent projects for each jurisdiction. For example, the Town of

Lumberport will have its prioritized list of projects, just as Monongalia County and the Town of Reedsville will. The projects portion of the plan will also contain a “regional implications” discussion. Such questions as “How would the implementation of Project X affect neighboring communities?” will be considered. A short series of “regional goals” would also be included in this section. These goals would be derived from what appear to be common interests at the jurisdictional level from throughout the region. For example, if all jurisdictions agree to continue participation in the National Flood Insurance Program (NFIP), then participation in the NFIP would be labeled as a regional goal.

#### Where to Go from Here

JHC has been compiling risk assessment data. This data will be provided to the Planning and Development Council (PDC) once it is finalized in draft form. The PDC will likely distribute this information to its member governments and the emergency managers in the region for review.

JHC will also be contacting the member governments for information on their mitigation projects. These contacts will begin soon and continue through July.

Finally, JHC will be contacting critical facilities and other community assets throughout the region to gather updated information necessary for revising the hazard-based loss estimates. You may hear from some of these facilities. (\*NOTE: A copy of the data collection form to be used by JHC is attached.)

## Jeffery Harvey

---

**From:** Jeffery Harvey [jharvey@jhcemergencypreparedness.com]  
**Sent:** Tuesday, May 10, 2011 3:18 PM  
**To:** 'Bump, Paul E.'; doddridgeoes@dishmail.net; 'Chris McIntire'; 'Ryan Thorne'; 'Duane Hamilton'; firefighteremt128@yahoo.com  
**Cc:** 'Lea Wolfe'  
**Subject:** Regional Hazard Mitigation Plan  
**Importance:** High

To all:

As you all know, JH Consulting, LLC has been working with the Region VI Planning and Development Council on an update to your hazard mitigation plans that would re-set your federally-mandated "update clock" as well as consolidate all six counties (and the municipalities therein) into a larger multi-jurisdictional document. The consolidation is a state initiative.

In any event, Lea Wolfe and I have been trying to find a meeting date at which most or all of us could get together to discuss the evolution of the plan (e.g., how we'll maintain individual county project lists, how we'll discuss hazards, etc.). Since we're all busy, it has been tough to find a date. (As a note, we had been scheduled for May 4 and May 11, but both of those dates have been cancelled.)

So, please let me know which of the following dates are good or bad for you and I'll try to get something that works for the majority of us. If you cannot attend the actual meeting, just let me know and I'll follow-up with you afterward.

POTENTIAL MEETING DATES (all May unless otherwise noted): 16, 17, 18, 19, 20, 25, 26, 27, 31, June 2

Thanks! I look forward to hearing from you.

J.

### Jeffery Harvey

*Owner, Project Manager*

JH Consulting, LLC  
29 East Main Street Suite 1  
Buckhannon, WV 26201

Telephone: (304) 473-1009

Fax: (304) 473-1099

Cellular: (304) 613-5292

Email: [jharvey@jhcemergencypreparedness.com](mailto:jharvey@jhcemergencypreparedness.com)

Website: [www.jhcemergencypreparedness.com](http://www.jhcemergencypreparedness.com)

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## Jeffery Harvey

---

**From:** Jeffery Harvey [jharvey@jhcemergencypreparedness.com]  
**Sent:** Monday, May 16, 2011 2:38 PM  
**To:** 'Bump, Paul E.'; doddridgeoes@dishmail.net; 'Chris McIntire'; 'Ryan Thorne'; 'Duane Hamilton'; firefighteremt128@yahoo.com  
**Cc:** 'Lea Wolfe'  
**Subject:** Mitigation Plan Meeting  
**Attachments:** Planning Meeting 1 Agenda.pdf

To all:

Based on the responses that I have received, it looks as though **Thursday, May 26<sup>th</sup>** will work best for our mitigation plan meeting. With that in mind, our meeting will take place on the 26<sup>th</sup> at **1 p.m.** at the Region VI office in White Hall. I have attached an agenda for your review.

For those that cannot make it at that time, I will contact you individually to discuss meeting items for your county. In any event, all of you can feel free to send questions/comments my way.

Thanks!

J.

### Jeffery Harvey

*Owner, Project Manager*

JH Consulting, LLC  
29 East Main Street Suite 1  
Buckhannon, WV 26201

Telephone: (304) 473-1009

Fax: (304) 473-1099

Cellular: (304) 613-5292

Email: [jharvey@jhcemergencypreparedness.com](mailto:jharvey@jhcemergencypreparedness.com)

Website: [www.jhcemergencypreparedness.com](http://www.jhcemergencypreparedness.com)

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5/26

1:30 pm

REGION 6 HMP

PLANNING MTC. 1

NAME	AGENCY	CONTACT
Jeff Hammy	JH Consulting	(304) 473-1009
Casey Hammo	JH Consulting	(304) 473-1009
Lea Wolfe	Region III PDC	(304) 366-5693 ext. 101
Jim Hall	Region VI PDC	(304) 366-5693

**REGION VI HAZARD MITIGATION PLAN  
PLANNING COMMITTEE MEETING**

*October 17, 2011*

**AGENDA**

1. Introductions
2. Review of Items Completed to Date
3. Project Prioritization Discussion
  - a. Numeric format
  - b. Methodology
4. Plan Maintenance Process Discussion
  - a. Frequency
  - b. Regional coordinator
  - c. Local coordinators
  - d. Evaluative criteria

**REGION VI PLANNING & DEVELOPMENT COUNCIL  
HAZARD MITIGATION PLAN  
PLANNING MEETING #2 MINUTES**

The second formal planning meeting for the Region VI Hazard Mitigation Plan was held on October 17, 2011 at the Region VI Planning and Development Council offices. The meeting began at 1:30 p.m.

No one was able to attend this meeting. The contractor provided Region 6 personnel with an update on the plan's progress and agreed to contact stakeholders individually to obtain their input.

**HAZARD MITIGATION PLAN  
CITIZEN PARTICIPATION PLAN**

**HARRISON COUNTY, WEST VIRGINIA**

**INTRODUCTION**

In accordance with the Disaster Mitigation Act of 2000, this citizen participation plan will provide guidance and direction for active citizen involvement in all phases of the Hazard Mitigation Program.

**I. General Requirements for Citizen Participation**

**A. Purpose of the Citizen Participation Plan**

The purposes of the Citizen Participation are to:

1. provide information to citizens;
2. address proposals by citizens;
3. solicit views and comments of citizens.

Emphasis shall be placed on citizens who are low to moderate income, minorities, elderly and handicapped, who live in areas in which identified hazards may occur.

**B. Scope of Citizen Participation**

fi The scope of Citizen Participation shall include involvement in the following areas:

**I. Program Planning**

- assessment of needs
- prioritization of needs
- establishment of the strategy.

**2. Program Implementation (post approval stage)**

- development of any amendment to the approved program,
- provide responses to inquiries.

**3. Program Performance /Evaluation**

- monitoring, evaluating, and updating the Hazard Mitigation Plan.

**C. Access To Program Information**

Citizens shall be given reasonable and timely access to local meetings, information and records related to the Harrison County Hazard Mitigation Program. Methods to assure access to program information are:

1. news releases in the local newspapers,
2. notices published in the local newspapers,
3. notices displayed in public areas,
4. verbal and written responses to verbal and written requests for information,
5. access to program files,
6. public hearings,
7. distribution of pamphlets in effected neighborhoods,
8. distribution of materials and pamphlets to various community partners.

## **II. County's Plan for Compliance**

Harrison County shall employ the following procedures in order to comply with the Citizen Participation requirements.

### **A. Public Hearings**

Public hearings will be held to address various stages of the Hazard Mitigation Program, as follows.

#### **1. Program Planning**

At least one public hearing shall be held when the program is in the planning stage. The agenda for this hearing is as follows:

- description of the planning process;
- risk assessment;
- mitigation strategy;
- evaluation and implementation;
- citizen participation.

#### **2. Program Implementation**

Public hearings shall be held to consider any amendment to the Hazard Mitigation Program or to address any concerns, which may arise during program implementation. The agenda for such a public hearing shall be similar to the agendas described in the planning hearings.

#### **3. Program Performance**

The Hazard Mitigation Advisory Group shall meet on an annual basis on January 1 to monitor and evaluate the program performance. The Hazard Mitigation Advisory Group shall issue a report on the performance of the Hazard Mitigation Program performances.

Prior to finalization of this report, a notice shall be published to:

- notify interested citizens that this report is available for public inspection for two weeks; --
- solicit the views and comments of citizens concerning the County's performance;
- establish a public hearing on this report. The agenda for this public hearing will be similar to those agendas specified for program planning.

### **B. Notices of Public Hearings**

Notices of public hearings shall be publicized in a newspaper of general circulation as a display advertisement at least five (5) days prior to the date of the public hearing. The public hearing shall be held at least six (6) days after the notice of public hearing is first published. Each notice shall specify the following:

- time, place and location of the public hearing,
- purpose of the public hearing;
- the program statement;
- solicitation of citizens views and comments;
- availability of pertinent program information for public inspection.

All notices shall be posted in public places, such as libraries. Also, all notices shall be given to the other media (television and radio). The media shall be encouraged to publicize these notices as public service announcements.

An example of such a notice is provided as Attachment I.

**C. Locations of Public Hearings**

Public hearings shall be held in locations which are accessible to the handicapped and convenient to affected citizens. In addition, the County may hold public hearings in the neighborhood in which the citizens are actually or potentially affected by the program.

**D. Times of Public Hearings**

Public hearings shall be held at times which are convenient to citizens who are actually or potentially affected by the program. Therefore, these hearings will usually be held in the evening. Multiple hearings may be held in order to encourage participation.

**E. Requests for Information**

The County anticipates that citizens will request program information. The County shall respond to such requests in a reasonable and timely manner. These responses shall be as follows:

**1. Review of Program Information and Records**

Program staff shall be available during normal business hours to respond to citizen inquiries or complaints. However, the County may establish days and times during which program information and records may be reviewed or when staff is available. The intent of the County in establishing any schedule is to both accommodate citizens' requests and the responsibilities and duties of County employees.

**2. Written Requests, Proposals, Complaints, Grievances**

- a. Citizens are invited to submit comments on all aspects of the program performance throughout the project period.
- b. The County shall encourage citizens to register all requests, proposals, complaints and grievances in writing. These are to be submitted to the President of the County Commission who shall respond to all such complaints within fifteen (15) days from receipt, if feasible. Every effort shall be made to respond or resolve the complaint within this fifteen (15) day period. If resolution cannot be attained within this 15 day period, an explanation of what is occurring and a time schedule for response or resolution shall be presented.
- c. Program staff shall be available during normal business hours to respond to citizen inquiries and complaints.
- d. If a citizen is not satisfied with the response by the County Commission President, the citizen should first appeal the response to the Harrison County Commission for a final administrative review and decision.
- e. If a citizen is not satisfied with the response provided by the Harrison County Commission, the complaint or request should be submitted to the State for a determination. The State will evaluate the County's response for adequacy. The State reviews will include matters of regulation and law and matters where the County's information is plainly inconsistent with available facts and data.

f The County's complaint procedures shall be published in the newspaper as a display advertisement.

3. Requests Under the Freedom of Information Act (FOIA)

Responses to FOIA requests shall be governed by the West Virginia Freedom of Information Act.

F. Technical Assistance

In order to afford full participation by all citizens, Harrison County shall provide technical assistance upon request. This assistance is described below.

1. Low-Moderate Income Persons

Upon request, the County shall assist low and moderate-income persons in the following Program areas:

- explanation of the Hazard Mitigation program;
- explanation of program policy;
- explanation of the implementation of the program;-
- development of a proposal.

Forms of assistance to be provided are as follows:

- presentations to affected groups;
- informational handouts;
- research of a specific issue;
- obtaining assistance from other agencies;
- assistance in preparing proposals;
- any other efforts within the capability of the County.

2. Non-English Speaking Persons

The County shall assess their non-English speaking population. If significant numbers of non-English speaking residents are expected to participate, the County shall provide the following:

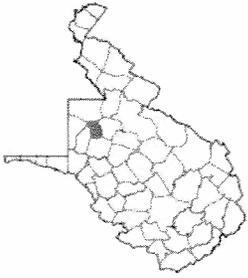
- public notices provided in non-English;
- summaries of basic information provided in non English;
- provision of interpreters at public meetings;
- special outreach activities to members of non-English speaking groups; -- utilization of non-English language educators.

G. Maintenance of Records

All records and documentation pertaining to this plan shall be maintained in the Citizen Participation file.

H. Revisions to the Plan

The County may revise this plan in accordance with the citizen participation regulations after a public hearing is held to allow citizens to comment on any recommended revisions.



SIGN-IN SHEET

TAYLOR COUNTY MULTI-JURISDICTIONAL ALL-HAZARDS MITIGATION PLAN UPDATE

PUBLIC MEETING

Friday, November 21<sup>st</sup>, 2008 (2:00p.m.)

AGENCY	YOUR NAME	EMAIL ADDRESS	WORK PHONE	CELL/PAGER #
1. Taylor Co. EMS	Mark Neale	Firefighter emt128@yahoo.com	265-0904	612-5354
2. Taylor County Commission	DAVID W. Gobel / David W. Gobel		669-8985	669-8985
3. Starke Consulting	Jay Hollen	jay.hollen@starke.com	472-7140	
4. Starke Consulting	Doug Bittner	doug.br.bcc@starke.com	472-7140	N/A
5. Mountain States	Karen Brun	Staffwriter@mountainstatesma.com	265-9373	N/A
6. <del>Starke</del>	Stewart Wittehair	Stewartwit@meiwv.com	304-739-4886	304-203-8801
7. TAYLOR CO. SO	L. R. J. DUNN		265-3428	304-292-4800
8. TAYLOR Co Sheriff's Dept	CHIEF Dep. TERENCE O STEWART	twst@comcast.net	304-207-3073	304-669-7644
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				

### **Notice of Public Meetings**

The Taylor County Commission has scheduled a public meeting to review the update to its existing 322 Multi-Jurisdictional All-Hazards Mitigation Plan.

Friday, November 21, 2008 from 2:00 PM to 3:00 PM  
County Commission Meeting Room  
Taylor County Courthouse

Section 322 of the Robert T. Stafford Disaster Relief and Emergency Assistance Act, as enacted under Section 104 of the Disaster Mitigation Act of 2000, as it appears in 44 CFR Pat 201.6, requires local communities to complete a disaster mitigation plan. The Taylor County Commission is completing an update to its existing 322 Multi-Jurisdictional All-Hazards Mitigation Plan as part of the process and now must garner public comment.

The purpose of this mitigation plan is to list mitigation projects that will lessen the effects of natural hazards in Taylor County. Please come prepared to discuss ways in which to make your community safer.



Stantec

# FACSIMILE TRANSMITTAL SHEET

Stantec Consulting Services Inc.  
1 Moore Avenue  
Buckhannon, WV 26201

Phone: 304/472-7140  
Fax: 304/472-6239

TO: Mark Knotts		FROM: Jay Hollen	
COMPANY: Taylor Co. OES		DATE: 11-11-08 11/17/08	
FAX NUMBER: 304-265-0906		TOTAL NO. OF PAGES INCLUDING COVER: 2	
RE: Public Meeting Ad	JOB NUMBER:	CC:	

**COMMENTS:**

As soon as our computer system is back up + running, I'll send you the requested info.

**IF THERE ARE ANY PROBLEMS WITH THIS TRANSMISSION, PLEASE CALL US AT THE NUMBER ABOVE**

**CONFIDENTIALITY NOTICE**

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### Notice of Public Meetings

The Taylor County Commission has scheduled a public meeting to review the update to its existing 322 Multi-Jurisdictional All-Hazards Mitigation Plan.

Thursday, November 20, 2008 from 2:00 PM to 3:00 PM  
Friday, November 21, 2008 from 2:00 PM to 3:00 PM  
County Commission Meeting Room  
Taylor County Courthouse

} may need to be changed based upon availability of mtg. room

Section 322 of the Robert T. Stafford Disaster Relief and Emergency Assistance Act, as enacted under Section 104 of the Disaster Mitigation Act of 2000, as it appears in 44 CFR Pat 201.6, requires local communities to complete a disaster mitigation plan. The Taylor County Commission is completing an update to its existing 322 Multi-Jurisdictional All-Hazards Mitigation Plan as part of the process and now must garner public comment.

The purpose of this mitigation plan is to list mitigation projects that will lessen the effects of natural hazards in Taylor County. Please come prepared to discuss ways in which to make your community safer.

Mark Knotts

1-304-265-0906

11-11-08

1 page

# Taylor County Stakeholders Meeting #1

## Sign-In Sheet

Name	Organization	Contact Info.
1 <u>G. THOMAS BARTLETT</u>	<u>CITY COUNCIL</u>	<u>304-265-0531 N3ACX@CITYNET.ARST</u>
2 <u>Doug Britner</u>	<u>R.D. Zande + Associates</u>	<u>472-7140</u>
3 <u>Paul Sandy</u>	<u>"</u>	<u>(304)472-7140 sands5@zande.com</u>
4 <u>Jeff Harvey</u>	<u>"</u>	<u>harv3@zande.com</u>
5 <u>Kouman Hunt</u>		
6 <u>Becky Hoyt</u>	<u>AMERICAN RED CROSS</u>	<u>598-9500 BECKS5124@AOL.COM</u>
7 <u>Ed Moats</u>	<u>MT. VIEW WATER ASSOC.</u>	<u>265-8333</u>
8 <u>Michael Z Nester</u>	<u>Taylor Co. Health Dept</u>	<u>265-1288 michael.nester@wudhhr.org</u>
9 <u>Wayne Beall</u>	<u>Highway Fire Dept</u>	<u>265-1866 beall@citynet.net</u>
10 <u>Dale J Setler</u>	<u>Taylor Co. PSD</u>	<u>265-5549</u>
11 <u>Paul Ferguson</u>	<u>W Stake Police</u>	<u>265-6101</u>
12 <u>Kathy Green</u>	<u>Taylor County Bd.</u>	<u>265-2497, Ext. 13</u>
13 <u>Clark D. Sinclair</u>	<u>Taylor Co. S.O.</u>	<u>265-3428</u>
14 <u>Tommy J. Veltre</u>	<u>Taylor Co. Commission</u>	<u>265-1401</u>
15 <u>DAVID GOBEL</u>		
16		
17		
18		
19		
20		
21		
22		

## **Sample Memorandum to Project Stakeholders**

Our risk assessment has been completed and turned into the West Virginia Office of Emergency Services for their review and approval. We must now turn our attention to the development of our Mitigation Plan itself. Our agency has contracted with R.D. Zande & Associates, Inc. from Buckhannon to assist us with this part of the planning effort. Our next meeting has been scheduled for:

March 12, 2003

3:00 p.m. to 5:00 p.m.

Taylor County Courthouse Commission Meeting Room

At this meeting we will review the submitted Risk Assessment, define and prioritize our list of “projects” and establish a timeline. Please be thinking of what projects structural projects, public awareness, ordinances, etc.] you feel would benefit Taylor County. The first draft of the plan must be submitted to the state by April 2<sup>nd</sup>, 2003. Your input and expertise are a necessity in order for us to generate a planning document that will improve the quality of life for all the residents in our great community.

## **Notice of Public Meeting**

The Taylor County Hazard Mitigation Committee has scheduled a public meeting to review potential mitigation projects.

Date  
Time  
Location

Section 322 of the Robert T. Stafford Disaster Relief and Emergency Assistance Act, as enacted under Section 104 of the Disaster Mitigation Act of 2000, as it appears in 44 CFR Part 201.6, requires local communities to complete a disaster mitigation plan. Taylor County has previously completed an All Hazards Risk Assessment as part of the process and now must garner public comment.

The purpose of this meeting is to list mitigation projects that will lessen the effects of natural, technological, and man-made hazards in Taylor County. Please come prepared to discuss ways in which to make your community safe.

if they find their name is being used illegally to obtain credit cards or merchandise by mail. To learn more, visit [www.usps.com/postalinspectors](http://www.usps.com/postalinspectors).

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# LEGAL

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## NOTICE OF PUBLIC MEETING

The Taylor County Hazard Mitigation Committee has scheduled a public meeting to review potential mitigation projects.

March 19, 2003 at 6:30 p.m.  
March 20, 2003 at 3:00 p.m.

At the Taylor County Court House Annex.

Section 322 of the Robert T. Stafford Disaster Relief and Emergency Assistance Act, as enacted under Section 104 of the Disaster Mitigation Act of 2000, as it appears in 44 CFR, Part 201.6 requires local communities to complete a disaster mitigation plan. Taylor County has previously completed an All Hazards Risk Assessment as part of the process and now must garner public comment.

The purpose of these meetings is to list mitigation projects that will lessen the effects of natural, technological, and man-made hazards in Taylor County. Please come prepared to discuss ways in which to make your community safe.

Robert C. Weaver, President  
Taylor County Commission  
LEGAL 9105

Taylor County Hazard Mitigation Plan  
Stakeholders Meeting #1

## Agenda

1. Call to Order
2. Discuss Risk Assessment
3. Discuss Phase 2 Procedures and Outline
4. Discuss Households Questionnaire
5. Generate Baseline Goals, Objectives, and Strategies
6. Schedule/Review Upcoming Public Meetings
7. Adjourn

TAYLOR COUNTY PUBLIC MEETING #1

MARCH 19, 2003 - TAYLOR COUNTY COURTHOUSE

	<u>NAME</u>	<u>ORGANIZATION</u>	<u>CONTACT (OPTIONAL)</u>
1	KATHY GREEN	TAYLOR CO BD OF ED	Kgreen@access.k12.wv.us
2	Bob Weaver	COMMISSION	
3	David W. Lohd	" "	
4	Tony J. Veltin	- -	
5	Jeffery Harris	R.D.Z	
6	Doug B. Bittner	R.D.Z	
7	John J. Bred		
8			
9			
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20			

TAYLOR Co. PUBLIC MEETING #2

- 1 Bob Weaver
- 2 John Funk
- 3 Glenn Hunt
- 4 David W. Golub
- 5 Jeffrey Harry
- 6 Eli Wagoner
- 7 GREG DAWSON
- 8



### MONONGALIA COUNTY HAZARD MITIGATION PLAN UPDATE DATA COLLECTION SHEET

As per Section 322 of the Robert T. Stafford Disaster Relief and Emergency Assistance Act, as enacted by Section 104 of the Disaster Mitigation Act of 2000, Monongalia County is currently updating its Hazard Mitigation Plan. We, JH Consulting (JHC), have been hired by the Monongalia County Office of Emergency Management to update the plan. In order to create a proper assessment, JHC must gather countywide information in order to effectively evaluate Monongalia County's susceptibility to a variety of natural and man-made hazards. Monongalia County has identified several facilities throughout the county as assets. Your facility is considered an asset to the community, so JHC needs to obtain the following information from you to include in this plan. This information is crucial to the plan, so, please take a minute of your time to complete this brief form.

Name of Entity: Morgantown Utility Board Morgantown Wastewater Treatment + Plant

Name of Person Supplying Information: Prachael Asbury

Size of Building (in square feet): \_\_\_\_\_

Approximate Replacement Value <sup>(building)</sup> (can be insured amount): \$4,894,200.00

Approximate Contents Value <sup>Replacement</sup> (can be insured amount): \$40,147,392.00

Annual Operating Budget: \$1,104,000.00 - 360 = 3,197.81

Maximum Occupancy: 17 employees

List the hazards you feel most affects your facility: Flooding, electrical service interruption

Please list any projects you feel could lessen the community's overall susceptibility to hazards:

Flood control, strengthening of electrical grid

*Thank you for time and effort into providing this information. Again, this information is essential in developing a Hazard Mitigation Plan. When this form is completed, please fax it to (304) 473-1099 or email it to [jhconsultingllc@verizon.net](mailto:jhconsultingllc@verizon.net).*

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Name of Entity: Morgantown Utility Board Water Treatment Plant

Name of Person Supplying Information: Prachael Asbury

Size of Building (in square feet): \_\_\_\_\_

Approximate Replacement Value (can be insured amount): <sup>(building)</sup> \$ 8,380,850.00

Approximate Contents Value (can be insured amount): <sup>Replacement</sup> \$ 21,124,750.00

Annual Operating Budget: \$ 1,248,000.00 - 36ed - 3,428.60

Maximum Occupancy: 13 employees

List the hazards you feel most affects your facility: Flooding, electrical

Service interruption

Please list any projects you feel could lessen the community's overall susceptibility to hazards:

Flood control, strengthening of electrical grid

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Name of Entry: STAR CITY VOLUNTEER FIRE DEPT.

Name of Person Supplying Information: CAPT. S.W. RICE

Size of Building (in square feet): APPROX 9500 ← CORRECTION

Approximate Replacement Value (can be insured amount): \$2,000,000.00

Approximate Contents Value (can be insured amount): \$7,000,000.00

Annual Operating Budget: \$70,000.00

Maximum Occupancy: APPROX 200

List the hazards you feel most affects your facility: LARGE PETROLEUM

PROCESSING / STORAGE FACILITY NEARBY

Please list any projects you feel could lessen the community's overall susceptibility to hazards:

EMERGENCY WARNING SIREN (SIMILAR TO I-68'S EXIT 10

SIREN) TO COVER STAR CITY, WESTOVER, & GRANVILLE AREAS

Thank you for time and effort into providing this information. Again, this information is essential in developing a Hazard Mitigation Plan. When this form is completed, please fax it to (304) 473-1099 or email it to [jhconsultingllc@verizon.net](mailto:jhconsultingllc@verizon.net).

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Name of Entity: STAR CITY VOLUNTEER FIRE DEPT.

Name of Person Supplying Information: CAPT. S.W. RICE

Size of Building (in square feet): APPROX 7500

Approximate Replacement Value (can be insured amount): \$2,000,000.00

Approximate Contents Value (can be insured amount): \$7,000,000.00

Annual Operating Budget: \$70,000.00

Maximum Occupancy: APPROX 200

List the hazards you feel most affects your facility: LARGE PETROLEUM

PROCESSING / STORAGE FACILITY NEARBY

Please list any projects you feel could lessen the community's overall susceptibility to hazards:

EMERGENCY WARNING SIREN (SIMILAR TO I-68'S EXIT 10

SIREN) TO COVER STAR CITY, WESTOVER & GRANVILLE AREAS

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# Morgantown Police Department

300 Spruce Street \* Morgantown, WV 26505

304-284-7522

## \*\*\*\*\*Fax Message\*\*\*\*\*

*This Message consists of 02 pages, including cover sheet.*

**To:** JH Consulting, LLC

**Attention:** Jeffery Harvey

**Date:** 12/05/08

**Fax# of Receiving Agency:** (304) 473-1099

**From:** Capt. B. L. Watson, Morgantown Police Department

**Comments:** Attached is the completed Monongalia County Hazard Mitigation Plan Update (Data Collection Sheet). If you have any questions or need anything further, please feel free to contact me at 304-284-7446.

\*\*\*\*\*

**Fax return material to Staff Services at (304) 284-7510**

Monongalia County Hazard

Mitigation Plan Update

12/05/08 16:38

3042847510

16:38

12/05/2008

### MONONGALIA COUNTY HAZARD MITIGATION PLAN UPDATE DATA COLLECTION SHEET

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Name of Entity: Morgantown Public Safety Building

Name of Person Supplying Information: Captain Brett Watson

Size of Building (in square feet): (Approx) 30,600

Approximate Replacement Value (can be insured amount): \$ 7,557,680

Approximate Contents Value (can be insured amount): \$ 393,120

Annual Operating Budget: Police (5.3 Million), Court (\$230,000), Parking Authority Fire Dept (3.82 Million) - Also includes (3) Fire Stations, (2 million)

Maximum Occupancy: (30) Employees Total on Average - This will increase on days of City Court, Police, Fire or Community Trainings or Meetings

List the hazards you feel most affects your facility: Since some areas are open to public risk of personal attack from individuals. Also, since Building is attached to Parking Garage often full w/ vehicles, the potential of bombs or explosion to Building or City Vehicles exist.

Please list any projects you feel could lessen the community's overall susceptibility to hazards: Training, awareness, and practical departmental and interdepartmental exercises, and as always good communication among all parties.

Thank you for time and effort into providing this information. Again, this information is essential in developing a Hazard Mitigation Plan. When this form is completed, please fax it to (304) 473-1099 or email it to [jhconsultingllc@verizon.net](mailto:jhconsultingllc@verizon.net).

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Name of Entity: MONONGALIA COUNTY SCHOOL TRANSPORTATION

Name of Person Supplying Information: IRV SCHUETENER

Size of Building (in square feet): 12,000

Approximate Replacement Value (can be insured amount): \$1.25 Million.

Approximate Contents Value (can be insured amount): \$500,000

Annual Operating Budget: \$4.3 M.  
10 IN BUILDING 110 BUS OPERATORS

Maximum Occupancy: SCHOOL BUS OPERATION/REPAIR FACILITY.

List the hazards you feel most affects your facility: SABOTAGE OF BUSES,  
FUEL SPILLS:

Please list any projects you feel could lessen the community's overall susceptibility to hazards:

AWARENESS OF POSSIBLE HAZARDS, THAT COULD  
AFFECT THEM.

Thank you for time and effort into providing this information. Again, this information is essential in developing a Hazard Mitigation Plan. When this form is completed, please fax it to (304) 473-1099 or email it to [jhconsultingllc@verizon.net](mailto:jhconsultingllc@verizon.net).

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Name of Entity: MONONGALIA COUNTY SCHOOL TRANSPORTATION

Name of Person Supplying Information: IRV SCHWETZNER

Size of Building (in square feet): 12,000

Approximate Replacement Value (can be insured amount): \$1.25 Million

Approximate Contents Value (can be insured amount): \$500,000

Annual Operating Budget: \$4.3 M.

Maximum Occupancy: 10 IN BUILDING 110 BUS OPERATORS  
SCHOOL BUS OPERATION/REPAIR FACILITY

List the hazards you feel most affects your facility: SABOTAGE OF BUSES,  
FUEL SPILLS

Please list any projects you feel could lessen the community's overall susceptibility to hazards:

AWARENESS OF POSSIBLE HAZARDS THAT COULD  
AFFECT THEM.

Thank you for time and effort into providing this information. Again, this information is essential in developing a Hazard Mitigation Plan. When this form is completed, please fax it to (304) 473-1099 or email it to [jhconsultingllc@verizon.net](mailto:jhconsultingllc@verizon.net).

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Name of Entity: Granville Police / Town Hall

Name of Person Supplying Information: Ron Snyder

Size of Building (In square feet): 3600 1st Floor / 3600 2nd Floor

Approximate Replacement Value (can be insured amount): 250,000

Approximate Contents Value (can be insured amount): 250,000

Annual Operating Budget: 2.5 million ÷ 364 = 6,868.13

Maximum Occupancy: 50

List the hazards you feel most affects your facility: NO Alternate power

Source :

Please list any projects you feel could lessen the community's overall susceptibility to hazards:

\_\_\_\_\_

\_\_\_\_\_

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DATA COLLECTION SHEET**

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Name of Entity: Granville Police / Town HallName of Person Supplying Information: Ron SnyderSize of Building (in square feet): 3600 1st Floor / 3600 2nd FloorApproximate Replacement Value (can be insured amount): 250,000Approximate Contents Value (can be insured amount): 250,000Annual Operating Budget: 2.5 millionMaximum Occupancy: 50List the hazards you feel most affects your facility: NO Alternate powerSource

Please list any projects you feel could lessen the community's overall susceptibility to hazards:

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Name of Entity: Granville Police / Town Hall

Name of Person Supplying Information: Ron Snyder

Size of Building (In square feet): 3600 1st floor / 3600 2nd Floor

Approximate Replacement Value (can be insured amount): 250,000

Approximate Contents Value (can be insured amount): 250,000

Annual Operating Budget: 2.5 million

Maximum Occupancy: 50

List the hazards you feel most affects your facility: NO Alternate power

Source: \_\_\_\_\_

Please list any projects you feel could lessen the community's overall susceptibility to hazards:  
\_\_\_\_\_  
\_\_\_\_\_

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# JH CONSULTING, LLC

29 East Main Street, Suite 1  
Buckhannon, WV 26201  
Phone: (304) 473-1009

*Fax: (304) 473-1099*

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## FAX TRANSMITTAL SHEET

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TO: Jodi

FROM: Shannon Ramsey

COMPANY: Chestnut Ridge Hospital

DATE: Nov. 13, 2008

FAX NUMBER: 304-598-4958

TOTAL NO. OF PAGES INCLUDING  
COVER: 3

PHONE NUMBER:

RE:

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URGENT

FOR  
REVIEW

PLEASE  
COMMENT

PLEASE  
REPLY

PLEASE  
RECYCLE

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### NOTES/COMMENTS:

I was hoping that you could just confirm the numbers that we have on file. If there needs to be any changes please make the changes. If these numbers are still within the same ballpark as they were 3 years ago could you just sign and fax back to me.

Any help you can provide for this project is greatly appreciated. If you have any further questions please call me at 304-473-1009 you will also find our email address at the bottom of the collection sheet for your convenience you may email this information.

Thanks again for your help and ongoing effort and support in the Monongalia County.

**MONONGALIA COUNTY HAZARD MITIGATION PLAN UPDATE**  
**DATA COLLECTION SHEET**

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Name of Entity: Chestnut Ridge Hospital

Name of Person Supplying Information: \_\_\_\_\_

Size of Building (in square feet): 63,000

Approximate Replacement Value (can be insured amount): 9,135,000.00

Approximate Contents Value (can be insured amount): 5,000,000.00

Annual Operating Budget: \_\_\_\_\_

Maximum Occupancy: 3,280

List the hazards you feel most affects your facility: \_\_\_\_\_

\_\_\_\_\_

Please list any projects you feel could lessen the community's overall susceptibility to hazards:

\_\_\_\_\_

\_\_\_\_\_

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Name of Entity: WVU Hospital

Name of Person Supplying Information: \_\_\_\_\_

Size of Building (in square feet): 380,000

Approximate Replacement Value (can be insured amount): 55,100,000. ∞

Approximate Contents Value (can be insured amount): 100,000,000. ∞

Annual Operating Budget: \_\_\_\_\_

Maximum Occupancy: 3,000.

List the hazards you feel most affects your facility: \_\_\_\_\_

\_\_\_\_\_

Please list any projects you feel could lessen the community's overall susceptibility to hazards:

\_\_\_\_\_

\_\_\_\_\_

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# JH CONSULTING, LLC

29 East Main Street, Suite 1  
Buckhannon, WV 26201  
Phone: (304) 473-1009

*Fax: (304) 473-1099*

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## FAX TRANSMITTAL SHEET

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TO: Monongalia County Courthouse  
Debbie

FROM: Shannon Ramsey

COMPANY: County Courthouse

DATE: Nov. 13,2008

FAX NUMBER:304-291-7288

TOTAL NO. OF PAGES INCLUDING  
COVER: 3

PHONE NUMBER:

RE:

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URGENT

FOR  
REVIEW

PLEASE  
COMMENT

PLEASE  
REPLY

PLEASE  
RECYCLE

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\_\_\_\_\_  
\_\_\_\_\_

Please list any projects you feel could lessen the community's overall susceptibility to hazards:

\_\_\_\_\_  
List the hazards you feel most affects your facility: FIRE

Maximum Occupancy: 100

*100 ÷ 365 = Duplex = 90,110.96*

Annual Operating Budget: \$3,000,000

*Fuchs - VA or VA/c*

Approximate Contents Value (can be insured amount): \$3,000,000

Approximate Replacement Value (can be insured amount): \$16,332,230

Size of Building (in square feet): 43,500

Name of Person Supplying Information: DIANE DEMBICKI

Name of Entity: Monongalia County Courthouse

As per Section 322 of the Robert T. Stafford Disaster Relief and Emergency Assistance Act, as enacted by Section 104 of the Disaster Mitigation Act of 2000, Monongalia County is currently updating its Hazard Mitigation Plan. We, JH Consulting (JHC), have been hired by the Monongalia County Office of Emergency Management to update the plan. In order to create a proper assessment, JHC must gather countywide information in order to effectively evaluate Monongalia County's susceptibility to a variety of natural and man-made hazards. Monongalia County has identified several facilities throughout the county as assets. Your facility is considered an asset to the community, so JHC needs to obtain the following information from you to include in this plan. This information is crucial to the plan, so, please take a minute of your time to complete this brief form.

**MONONGALIA COUNTY HAZARD MITIGATION PLAN UPDATE  
DATA COLLECTION SHEET**

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**DATA COLLECTION SHEET**

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Name of Entity: Monongalia County Courthouse

Name of Person Supplying Information: \_\_\_\_\_

Size of Building (in square feet): 43,500

Approximate Replacement Value (can be insured amount): 10,000,000.00

Approximate Contents Value (can be insured amount): 3,000,000.00

Annual Operating Budget: \_\_\_\_\_

Maximum Occupancy: 98

List the hazards you feel most affects your facility: \_\_\_\_\_

Please list any projects you feel could lessen the community's overall susceptibility to hazards: \_\_\_\_\_

\_\_\_\_\_

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Name of Entity: MONONGALIA COUNTY SHERIFF'S OFFICE

Name of Person Supplying Information: ALLEN KISNER - CHIEF DEPUTY

Size of Building (in square feet): LISTED AS COURTHOUSE ANNEX (?)

Approximate Replacement Value (can be insured amount): \$ 16,332,230.00  
(COURTHOUSE COMPLEX)

Approximate Contents Value (can be insured amount): \$ 2,773,000.00  
(COURTHOUSE COMPLEX)

Annual Operating Budget: \$ 3,685,434.00 (5 BUDGETS)

Maximum Occupancy: NOT LISTED...

List the hazards you feel most affects your facility: WEATHER...

WE DON'T STORE HAZARDOUS MATERIALS, FLAMMABLE LIQUIDS, ETC.

Please list any projects you feel could lessen the community's overall susceptibility to hazards:

\_\_\_\_\_

\_\_\_\_\_

*Thank you for time and effort into providing this information. Again, this information is essential in developing a Hazard Mitigation Plan. When this form is completed, please fax it to (304) 473-1099 or email it to [jhconsultingllc@verizon.net](mailto:jhconsultingllc@verizon.net).*

### MONONGALIA COUNTY HAZARD MITIGATION PLAN UPDATE DATA COLLECTION SHEET

As per Section 322 of the Robert T. Stafford Disaster Relief and Emergency Assistance Act, as enacted by Section 104 of the Disaster Mitigation Act of 2000, Monongalia County is currently updating its Hazard Mitigation Plan. We, JH Consulting (JHC), have been hired by the Monongalia County Office of Emergency Management to update the plan. In order to create a proper assessment, JHC must gather countywide information in order to effectively evaluate Monongalia County's susceptibility to a variety of natural and man-made hazards. Monongalia County has identified several facilities throughout the county as assets. Your facility is considered an asset to the community, so JHC needs to obtain the following information from you to include in this plan. This information is crucial to the plan, so, please take a minute of your time to complete this brief form.

Name of Entity: City of Morgantown Morgantown Municipal Airport  
Terminal Bldg.

Name of Person Supplying Information: Russell McCoernick (Superintendent)

Size of Building (in square feet): 38,096 sq. ft. 304-376-2555

Approximate Replacement Value (can be insured amount): \$3,479,424

Approximate Contents Value (can be insured amount): \$243,464

Annual Operating Budget: \$2,830,840

Maximum Occupancy: 3501 Gross

List the hazards you feel most affects your facility: PLANE CRASH, 2-10,000  
GALLON FUEL TANKS IN GROUNDEAST side of Building

Please list any projects you feel could lessen the community's overall susceptibility to hazards:

\_\_\_\_\_  
\_\_\_\_\_

Thank you for time and effort into providing this information. Again, this information is essential in developing a Hazard Mitigation Plan. When this form is completed, please fax it to (304) 473-1099 or email it to [jhconsultingllc@verizon.net](mailto:jhconsultingllc@verizon.net).



# COUNTY OF MONONGALIA

JOSEPH C. BARTOLO



Sheriff and Treasurer

155 CHANCERY ROW  
MORGANTOWN, W.V. 26505

PHONE  
(304) 291-7260

FAX  
(304) 291-7295

To: JEFF HARVEY Of: JH CONSULTING, LLC

Fax: (304) 473 - 1099

From: AL KISNER Of: Mon. Co. Sheriff Department

Date: 12-22-08 Number of Pages 2

Routine Transmission

Confidential Transmission

Concerning: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

### MONONGALIA COUNTY HAZARD MITIGATION PLAN UPDATE DATA COLLECTION SHEET

As per Section 322 of the Robert T. Stafford Disaster Relief and Emergency Assistance Act, as enacted by Section 104 of the Disaster Mitigation Act of 2000, Monongalia County is currently updating its Hazard Mitigation Plan. We, JH Consulting (JHC), have been hired by the Monongalia County Office of Emergency Management to update the plan. In order to create a proper assessment, JHC must gather countywide information in order to effectively evaluate Monongalia County's susceptibility to a variety of natural and man-made hazards. Monongalia County has identified several facilities throughout the county as assets. Your facility is considered an asset to the community, so JHC needs to obtain the following information from you to include in this plan. This information is crucial to the plan, so, please take a minute of your time to complete this brief form.

Name of Entity: Saint Thomas de Sales Central School

Name of Person Supplying Information: Saint Patricia's Father

Size of Building (in square feet): approximately 60,000

Approximate Replacement Value (can be insured amount): \$2.2 million

Approximate Contents Value (can be insured amount): \$2.2 million

Annual Operating Budget: \$ 1.6 million

Maximum Occupancy: 500

List the hazards you feel most affects your facility: \_\_\_\_\_

Please list any projects you feel could lessen the community's overall susceptibility to hazards:

Thank you for time and effort into providing this information. Again, this information is essential in developing a Hazard Mitigation Plan. When this form is completed, please fax it to (304) 473-1099 or email it to [jhconsultingllc@verizon.net](mailto:jhconsultingllc@verizon.net).

# MONONGALIA COUNTY HAZARD MITIGATION PLAN

## Hazard Mitigation Committee ~ Public Meeting

Revision #1 to 2003 Plan ~ November 7, 2008 ~ 1:30 p.m. ~ American Red Cross  
Sign In Sheet ~ Public Mtg. @ 2:00 p.m.

	Name	Agency	Contact
1.	Jeff Hawry	JH Consulting LLC	jhconsultingllc@verizon.net
2.	Glenda Hollandsworth	ARC	ghollandsworth@rivervalleyarc.org
3.	Brett Watson	Morgantown P.D.	bwatson@cityofMorgantown.org
4.	Ryan Thorne	Mon Co OEN	RTHORNE@MECCA911.ORG
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Name (Optional): DARRELL GILMORE

Agency (Optional): CITY OF WESTOVER - MDG190@COMCAST.NET

To what hazard do you feel Monongalia County is most vulnerable? Why? REFUSE PILES.

I BELIEVE ILLEGAL DUMPING OF ITEMS AFFECTS MANY AREAS, ILLEGAL BURNING OF CONSTRUCTION MATERIALS.

List one project that you feel would lessen hazard-related loss: MANDATING STRICTER

PENALTIES FOR VIOLATORS

Name (Optional): 4. Danny Camden danny.camdenjr@mail.wvu.edu

Agency (Optional): WVU Police Dept. (c) 304-293-3136

To what hazard do you feel Monongalia County is most vulnerable? Why? Weather

Injured (flood, high winds, snow/ice) (E.D. Public Safety)

List one project that you feel would lessen hazard-related loss: identify hazards (LS)  
availability for spec. loc hazards & make plans to

access them ASAP.

Name (Optional): Robert BELL

Agency (Optional): Mon. Co Commission

To what hazard do you feel Monongalia County is *most* vulnerable? Why? \_\_\_\_\_

Flooding in many areas - Limiting emergency services to those areas with the number of students - Every August we experience any types of diseases being carried back to the community ~~and~~ from all over the world

List one project that you feel would lessen hazard-related loss: \_\_\_\_\_

Work with one of engineers to limit ~~hazards on river from flooding~~ fuel tank that could be removed ~~make sure barges are secured~~

Email Bell Comm 21 ad Adl. Comm

MayorSharp@adelphia.net

Name (Optional):

Agency (Optional):

STAR city

To what hazard do you feel Monongalia County is most vulnerable? Why?

Fuel Tanks - Congestion - Traffic (Bridges) - Flooding

List one project that you feel would lessen hazard-related loss:

389 Spruce St.  
Mgth, WV 26505

304-284-7412

Name (Optional):

Terry Hough

though@cityofmorgantown.org

Agency (Optional):

Public Works - City of Morgantown

To what hazard do you feel Monongalia County is *most* vulnerable? Why? \_\_\_\_\_

Natural hazards - ie flooding, snow/ice, wind, etc.

List one project that you feel would lessen hazard-related loss:

Updated list of

contractors etc. that can be depended on during a  
natural hazard. This would include having all the  
necessary contracts in place so this does not become an  
issue when when help is needed

Name (Optional): LT. William Rinehart wrinehart@morgantownFD.org

Agency (Optional): Mgtn Fire.

To what hazard do you feel Monongalia County is most vulnerable? Why? Flooding

Entire county consistently experiences this.

List one project that you feel would lessen hazard-related loss: Better water management,

jasonlintner@wvdhhs.org  
304-685-8753

Jason T. Lintner

Name (Optional):

Mon. Co. Health Dept.

Agency (Optional):

To what hazard do you feel Monongalia County is most vulnerable? Why? public health outbreak / bio terrorism event - most are unaware to the possible severity and the ease of attack/occurrence - it is vastly underestimated

List one project that you feel would lessen hazard-related loss: a key component to lessening the impact of any event is ~~the~~ man power - a major project would be a volunteer campaign

Name (Optional): SCOTT SCAGLE - 304-598-5172  
SCOTTSCAGLE@WVU.DHAR.ORG

Agency (Optional): MONONGALIA COUNTY HEALTH DEPARTMENT

To what hazard do you feel Monongalia County is most vulnerable? Why? \_\_\_\_\_

Resistant Through Reason - High Hazards County + Low Term/Short  
TERM HAZARD EFFECTS

List one project that you feel would lessen hazard-related loss: \_\_\_\_\_

PUBLIC EDUCATION / INSPECTION / HOME  
MITIGATION PLANNING

Name (Optional): David Custer

Agency (Optional): Ngtn FD / LEPC

To what hazard do you feel Monongalia County is most vulnerable? Why? \_\_\_\_\_

Flu or virus release - We have a large contingent of foreign students + family here > 7,000

List one project that you feel would lessen hazard-related loss: \_\_\_\_\_

Awareness information along with stockpiling of medicines

cust 60 @ Rol. Com

RT HORNE@MECCA911.ORG

Name (Optional): RYAN HORNE

Agency (Optional): Mon Co OEM

To what hazard do you feel Monongalia County is *most* vulnerable? Why? \_\_\_\_\_

Flash flooding. Hazard we have occur each year

List one project that you feel would lessen hazard-related loss: \_\_\_\_\_

Public education, some stream mediation work



Name (Optional): Jack Thompson

Agency (Optional): Red Cross

To what hazard do you feel Monongalia County is most vulnerable? Why? \_\_\_\_\_

Mass Migration from the larger cities because of either a natural or man made event.

List one project that you feel would lessen hazard-related loss: \_\_\_\_\_

Development of Mass care operations and shelters.

Jack Thompson

jthompson@rivervalleyarc.org

Name (Optional): Jack Thompson

Agency (Optional): Red Cross

To what hazard do you feel Monongalia County is *most* vulnerable? Why? \_\_\_\_\_

Flooding, Historical events, geography.

List one project that you feel would lessen hazard-related loss: \_\_\_\_\_

\_\_\_\_\_

\*Capt. Brett Watson will be the Agency Contact [bwatson@cityofmorgantown.org](mailto:bwatson@cityofmorgantown.org)

Name (Optional): Joel Smith

Agency (Optional): Morgantown Police

To what hazard do you feel Monongalia County is most vulnerable? Why? School

Violence issues at schools outside of the city where there are few professional Public Safety resources and limited volunteer resources i.e. Mason-Dixon Elementary  
List one project that you feel would lessen hazard-related loss: Clay-Battle H.S.

for school officials  
AND NO Cell Service for safety.  
on Public Safety.

Name (Optional): \_\_\_\_\_

Agency (Optional): STAR City PD. / SC police @ Comcast.net

To what hazard do you feel Monongalia County is most vulnerable? Why? \_\_\_\_\_

Natural Disasters (Flooding, Storms, etc.)

List one project that you feel would lessen hazard-related loss: \_\_\_\_\_

\_\_\_\_\_

Name (Optional): Allen Kisner - akisner@monsheriff.com

Agency (Optional): Monongalia Co. Sheriff's Dept.

To what hazard do you feel Monongalia County is most vulnerable? Why? \_\_\_\_\_

Natural Disaster - Flooding Slides, etc. - Because of the mountains + hills that drain or run off water for days after storms.

List one project that you feel would lessen hazard-related loss: Hert builders of problem

areas for the above. Advise planning & construction of the same.

Don't allow building in vulnerable areas.

Name (Optional): Ron Snyder. RUSBYR 2018 COMCAST.NET.

Agency (Optional): GRANVILLE PD.

To what hazard do you feel Monongalia County is most vulnerable? Why? FLOODING

Many low areas with streams feeding into the river

List one project that you feel would lessen hazard-related loss: Better control

of locks - BY ARMY CORP OF ENGINEERS

Name (Optional): ~~KATE~~ KATE LAW SANT Gate, Vansant Email, cvu.edu

Agency (Optional): CVU POLICE DEPT. (ASSISTANT TO THE CHIEF)

To what hazard do you feel Monongalia County is most vulnerable? Why? \_\_\_\_\_

\_\_\_\_\_

List one project that you feel would lessen hazard-related loss: \_\_\_\_\_

\_\_\_\_\_

# MONONGALIA COUNTY HAZARD MITIGATION PLAN

## Hazard Mitigation Committee ~ Public Meeting

Revision #1 to 2003 Plan ~ October 17, 2008 ~ 1:30 p.m. ~ American Red Cross  
Sign In Sheet ~ Public Mtg. @ 2:00 p.m.

Name	Agency	Contact
1. RYA HORNE	Mon Co OEM	RTHORNER@MECCA911.ORG
2. Mike Wolfe	Mon Co OEM	MWolfe@Mecca911.org
3. Brett Watson	Morgantown P.D.	bwatson@cityofmorgantown.org
4. DARRELL GILMORE	CITY OF WESTOVER	MDG190@COMCAST.NET
5. JOHN TANTON	Town of Star City PD	SCPolice@Comcast.net
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# MARION COUNTY HAZARD MITIGATION PLAN

## Hazard Mitigation Committee Mtg. #3

Project Prioritization~ November 20, 2008 ~ 1:00 p.m.

Sign In Sheet

Name	
1. James Kosik (FGH)	26.
2. Jan More (Muto)	27.
3. Ch Muto	28.
4. Chuck Lebow	29.
5. Dr Bill E (publ)	30.
6.	31.
7.	32.
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**RESOLUTION – CITY OF PLEASANT VALLEY**

WHEREAS natural, technological, and man-made hazards can affect City of Pleasant Valley; and

WHEREAS significant structural, historical, and economic losses could result from an occurrence of a natural, technological, or man-made hazard events; and

WHEREAS undertaking mitigation projects during pre-disaster periods could decrease the total losses Pleasant Valley incurs as a result of said hazard occurrences.

THEREFORE the Pleasant Valley City Council has partnered with the county to update the existing *Marion County Multi-Jurisdictional Hazard Mitigation Plan*, adopted in 2004, in an effort to further identify, define, and characterize the hazards affecting the city as well as to continue identifying and prioritizing projects that could lessen hazard vulnerability.

WHEREAS the Pleasant Valley City Council has a strong interest in reducing losses from future hazard occurrences; and

WHEREAS the hazard mitigation plan is a federal and state requirement to maintain eligibility for hazard mitigation funding, and, by that requirement, must be updated a minimum of every five (5) years; and

WHEREAS a cooperative, joint effort is a proven, efficient way to plan for and reduce hazard susceptibility in all government jurisdictions in Marion County, West Virginia.

THEREFORE the City of Pleasant Valley joined Marion County and the other municipalities in the county in the completion of this plan update.

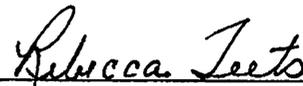
NOW BE IT RESOLVED THAT the Pleasant Valley City Council does hereby adopt the updated *Marion County Multi-Jurisdictional Hazard Mitigation Plan* this 18<sup>th</sup> day of NOVEMBER, 2009.

SIGNED: \_\_\_\_\_

Mayor



Witness



**A RESOLUTION OF THE COUNCIL FOR THE CITY OF FAIRMONT  
ADOPTING THE REVISED MARION COUNTY MULTI-  
JURISDICTIONAL HAZARD PLAN**

**WHEREAS**, by resolution duly adopted October 14, 2003, the City of Fairmont agreed to participate with the Marion County Local Emergency Planning Committee and other local municipalities to develop and implement a Multi-Jurisdictional Hazard Mitigation Plan;

**WHEREAS**, said Hazard Mitigation Plan was subsequently adopted in 2004;

**WHEREAS**, the Hazard Mitigation Plan is a federal and state requirement to maintain eligibility for hazard mitigation funding, and, by that requirement, must be updated a minimum of every five (5) years;

**WHEREAS**, The City of Fairmont has again partnered with the County and other municipalities to update the existing Marion County Multi-Jurisdictional Hazard Mitigation Plan, adopted in 2004, in an effort to further identify, define, and characterize the hazards affecting the City as well as to continue identifying and prioritizing projects that could lessen hazard vulnerability;

**WHEREAS**, a cooperative, joint effort is a proven, efficient way to plan for and reduce hazard susceptibility in all government jurisdictions in Marion County, West Virginia; and

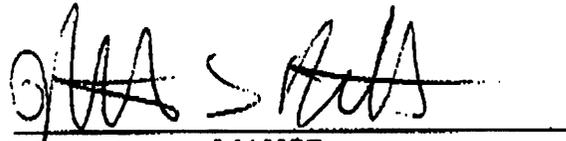
**WHEREAS**, the Council for the City of Fairmont finds the updated/ revised Multi-Jurisdictional Hazard Plan to be in the best interest of the City.

**NOW, THEREFORE, THE COUNCIL FOR THE CITY OF FAIRMONT  
HEREBY RESOLVES THAT:**

The Fairmont City Council does hereby adopt the updated/ revised Marion County Multi-Jurisdictional Hazard Mitigation Plan.

This Resolution shall become effective upon passage.

Adopted this the 22nd day of September, 2009.

  
\_\_\_\_\_  
MAYOR

ATTEST:

  
\_\_\_\_\_  
CITY CLERK

**A RESOLUTION  
ADOPTING THE HARRISON COUNTY  
HAZARD MITIGATION PLAN**

**WHEREAS, the Harrison County Commission accepts that hazard mitigation planning will protect the lives and property of its citizens, and**

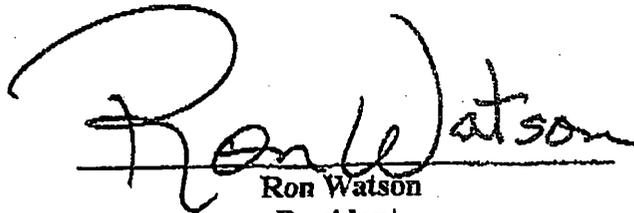
**WHEREAS, Harrison County has secured adoption of the plan by all of the County's towns and cities, and**

**WHEREAS, Harrison County now has a comprehensive hazard mitigation plan, and**

**WHEREAS, this adopted comprehensive plan will assist in obtaining hazard mitigation grant funding.**

**NOW, THEREFORE, BE IT RESOLVED by the Harrison County Commission that the Harrison County Commission hereby adopts the Harrison County Hazard Mitigation Plan.**

**PASSED by the Harrison County Commission on the 12<sup>th</sup> day of October, 2006.**

  
\_\_\_\_\_  
Ron Watson  
President

**ATTEST:**

  
\_\_\_\_\_  
Susan Thomas  
County Clerk

**City of  
BRIDGEPORT**



P.O. Box 1310 • 315 WEST MAIN STREET  
BRIDGEPORT, WEST VIRGINIA 26330-6310  
• www.bridgeportwv.com •

**A RESOLUTION  
ADOPTING THE HARRISON COUNTY  
HAZARD MITIGATION PLAN**

**WHEREAS**, the City of Bridgeport accepts that hazard mitigation planning will protect the lives and property of its citizens, and

**WHEREAS**, the City of Bridgeport supports the Harrison County Hazard Mitigation Plan.

**NOW, THEREFORE, BE IT RESOLVED** by the Bridgeport City Council that the City of Bridgeport hereby adopts the Harrison County Hazard Mitigation Plan.

**PASSED** by the Bridgeport City Council on the 14<sup>th</sup> day of August, 2006.

James R. Christie, Mayor  
City of Bridgeport

ATTEST:

Michael D. Conley, City Recorder

**A RESOLUTION  
ADOPTING THE HARRISON COUNTY  
HAZARD MITIGATION PLAN**

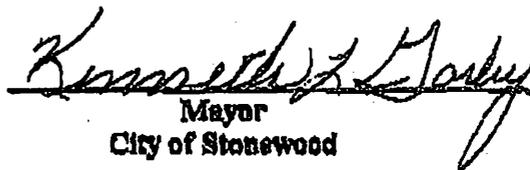
**WHEREAS, the City of Stonewood accepts that hazard mitigation planning will protect the lives and property of its citizens, and**

**WHEREAS, the City of Stonewood supports the Harrison County Hazard Mitigation Plan.**

**NOW, THEREFORE, BE IT RESOLVED by the Stonewood City Council that the City of Stonewood hereby adopts the Harrison County Hazard Mitigation Plan.**

**PASSED by the Stonewood City Council on the 17th day of August**

**AUGUST 17, 2006.**

  
**Mayor  
City of Stonewood**

**ATTEST:**

  
**City Clerk**

**A RESOLUTION  
ADOPTING THE HARRISON COUNTY  
HAZARD MITIGATION PLAN**

**WHEREAS, the City of Shinnston accepts that hazard mitigation planning will protect the lives and property of its citizens, and**

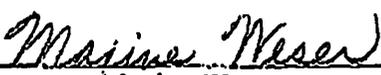
**WHEREAS, the City of Shinnston supports the Harrison County Hazard Mitigation Plan.**

**NOW, THEREFORE, BE IT RESOLVED by the Shinnston City Council that the City of Shinnston hereby adopts the Harrison County Hazard Mitigation Plan.**

**PASSED BY THE Shinnston City Council on the 14<sup>th</sup> day of AUGUST, 2006.**

  
\_\_\_\_\_  
**Sammy J. DeMarco  
Mayor  
City of Shinnston**

**ATTEST:**

  
\_\_\_\_\_  
**Maxine Weser  
City Clerk**

2

**A RESOLUTION  
ADOPTING THE HARRISON COUNTY  
HAZARD MITIGATION PLAN**

**WHEREAS, the City of Clarksburg accepts that hazard mitigation planning will protect the lives and property of its citizens, and**

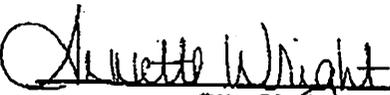
**WHEREAS, the City of Clarksburg supports the Harrison County Hazard Mitigation Plan.**

**NOW, THEREFORE, BE IT RESOLVED by the Clarksburg City Council that the City of Clarksburg hereby adopts the Harrison County Hazard Mitigation Plan.**

**PASSED by the Clarksburg City Council on the 16th day of February, 2006.**

  
\_\_\_\_\_  
**Mayor  
City of Clarksburg**

**ATTEST:**

  
\_\_\_\_\_  
**City Clerk**

**A RESOLUTION  
ADOPTING THE HARRISON COUNTY  
HAZARD MITIGATION PLAN**

**WHEREAS, the Town of Anmoore accepts that hazard mitigation planning will protect the lives and property of its citizens, and**

**WHEREAS, the Town of Anmoore supports the Harrison County Hazard Mitigation Plan.**

**NOW, THEREFORE, BE IT RESOLVED by the Anmoore Town Council that the Town of Anmoore hereby adopts the Harrison County Hazard Mitigation Plan.**

**PASSED by the Anmoore Town Council on the 19th day**

**of June, 2006.**

  
\_\_\_\_\_  
Mayor  
Town of Anmoore

**ATTEST:**

  
\_\_\_\_\_  
Town Clerk

**A RESOLUTION  
ADOPTING THE HARRISON COUNTY  
HAZARD MITIGATION PLAN**

**WHEREAS**, the Town of West Milford accepts that hazard mitigation planning will protect the lives and property of its citizens, and

**WHEREAS**, the Town of West Milford supports the Harrison County Hazard Mitigation Plan.

**NOW, THEREFORE, BE IT RESOLVED** by the West Milford Town Council that the Town of West Milford hereby adopts the Harrison County Hazard Mitigation Plan.

**PASSED** by the West Milford Town Council on the 20<sup>th</sup> day  
of JUNE, 2006.

  
\_\_\_\_\_  
Mayor  
Town of West Milford

**ATTEST:**

  
\_\_\_\_\_  
Town Clerk

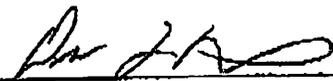
**A Resolution adopting the Harrison County Hazard Mitigation Plan**

Whereas, the Town of Nutter Fort accepts that hazard mitigation planning will protect the lives and property of its citizens, and

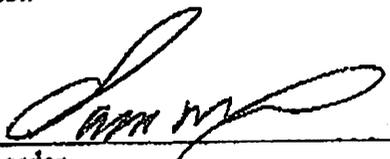
Whereas, the Town of Nutter Fort supports the Harrison County Hazard Mitigation Plan.

**NOW, THEREFORE, BE IT RESOLVED** by the Nutter Fort Town Council that the Town of Nutter Fort hereby adopts the Harrison County Hazard Mitigation Plan.

Passed by the Nutter Fort Town Council on the 28<sup>th</sup> day of February, 2006.

  
\_\_\_\_\_  
Mayor - Donald L. Webster

Attest:

  
\_\_\_\_\_  
Recorder

**A RESOLUTION  
ADOPTING THE HARRISON COUNTY  
HAZARD MITIGATION PLAN**

**WHEREAS, the Town of Lost Creek accepts that hazard mitigation planning will protect the lives and property of its citizens, and**

**WHEREAS, the Town of Lost Creek supports the Harrison County Hazard Mitigation Plan.**

**NOW, THEREFORE, BE IT RESOLVED by the Lost Creek Town Council that the Town of Lost Creek hereby adopts the Harrison County Hazard Mitigation Plan.**

**PASSED by the Lost Creek Town Council on the 21<sup>st</sup> day**

**of March, 2006.**

*Ronald K. Jela*  
**Mayor  
Town of Lost Creek**

**ATTEST:**

*Amy J. Dawson*  
**Town Clerk**

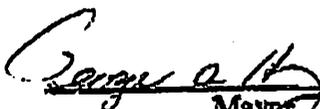
**A RESOLUTION  
ADOPTING THE HARRISON COUNTY  
HAZARD MITIGATION PLAN**

**WHEREAS, the Town of Lumberport accepts that hazard mitigation planning will protect the lives and property of its citizens, and**

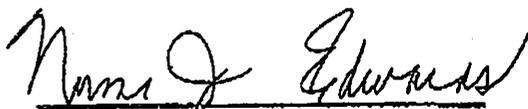
**WHEREAS, the Town of Lumberport supports the Harrison County Hazard Mitigation Plan.**

**NOW, THEREFORE, BE IT RESOLVED by the Lumberport Town Council that the Town of Lumberport hereby adopts the Harrison County Hazard Mitigation Plan.**

**PASSED by the Lumberport Town Council on the 6th day  
of March, 2006.**

  
\_\_\_\_\_  
Mayor  
Town of Lumberport

**ATTEST:**

  
\_\_\_\_\_  
Town Clerk

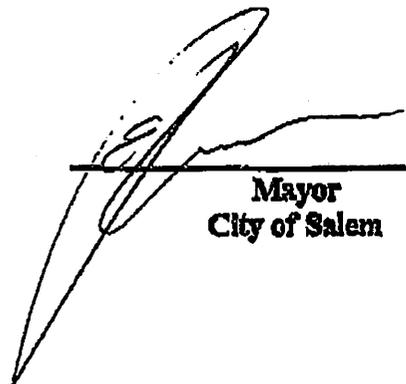
**A RESOLUTION  
ADOPTING THE HARRISON COUNTY  
HAZARD MITIGATION PLAN**

**WHEREAS, the City of Salem accepts that hazard mitigation planning will protect the lives and property of its citizens, and**

**WHEREAS, the City of Salem supports the Harrison County Hazard Mitigation Plan.**

**NOW, THEREFORE, BE IT RESOLVED by the Salem City Council that the City of Salem hereby adopts the Harrison County Hazard Mitigation Plan.**

**PASSED by the Salem City Council on the 28th day of Feb., 2006.**



**Mayor  
City of Salem**

**ATTEST:**

  
**City Clerk Recorder**

Sign In Sheet  
**DODDRIDGE COUNTY HAZARD MITIGATION PLAN UPDATE**

3/21/2006 - 4:30p.m.

	Name	Organization	Contact
1	Betty Kaylor	citizen	
2	Tom Quisick	citizen	
3	Lewis Swann	citizen	
4	Doris Melott	citizen	
5	Frances Stewart	citizen	
6	Sue Kittredge	citizen	
7	Kay Hudson	citizen	
8	Chae Pratt	Commissioner	
9	Clara Meane	Commissioner	
10	Shirley Williams	Commissioner	
11	Jance E. Cox	County Clerk	
12	Deputy C.P. Henning	Doddridge Co. Sheriff Dept	
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Sign In Sheet  
**DODDRIDGE COUNTY HAZARD MITIGATION PLAN UPDATE**

04/04/2006 - 10:00a.m.

	Name	Organization	Contact
1	<i>Kay Hudson</i>	<i>Private Citizen</i>	
2	<i>Murley Williams</i>	<i>Co. Commissioner</i>	
3	<i>Janice Blissett</i>	<i>Co. County Clerk</i>	
4	<i>Clara Meem</i>	<i>Co. Commissioner</i>	
5	<i>Angie Pratt</i>	<i>Co. Commissioner</i>	
6	<i>Randy Plaugler</i>	<i>Private Citizen</i>	
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# RECORD

TAX WEST UNION, WV 26456

UPS477640

MARCH 14, 2006

## Notice Of Public Meetings

The DODDRIDGE COUNTY HAZARD MITIGATION COMMITTEE has scheduled public meetings to review and update the county's HAZARD MITIGATION PLAN, which was originally completed in 2003.

DATE AND TIME OF MEETING  
- NO. 1

TUESDAY, MARCH 21, 2006 at  
4:30 PM

DATE AND TIME OF MEETING  
NO. 2

TUESDAY, APRIL 4, 2006 at  
10:00 AM

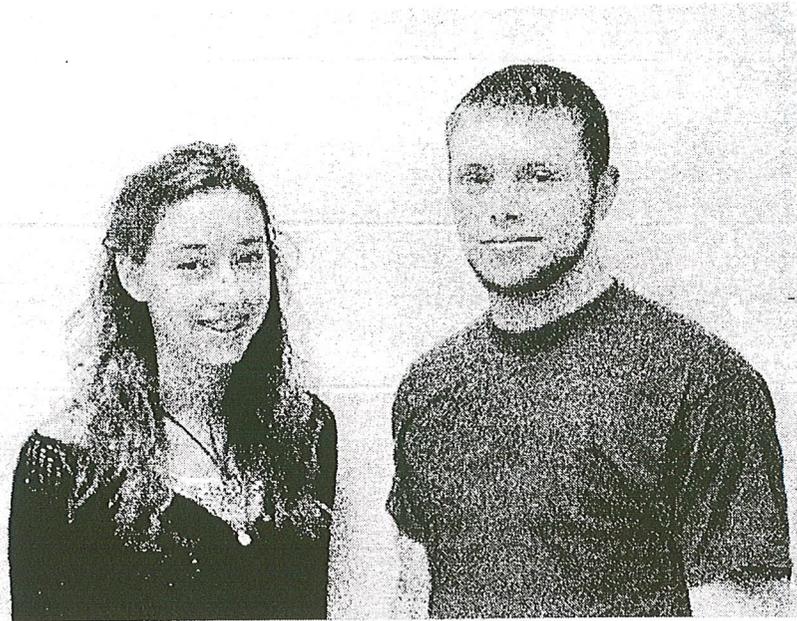
Section 322 of the Robert T. Stafford Disaster Relief and Emergency Assistance Act, as enacted under Section 104 of the Disaster Mitigation Act of 2000, as it appears in 44 CFR Pat 201.6, requires local communities to complete a disaster mitigation plan. The federal mandate also requires communities to update their mitigation plans at a minimum of every five (5) years. Doddridge County is playing a proactive role, updating its plan well before the deadline.

The purpose of this meeting is to list mitigation projects that will lessen the effects of natural hazards in Doddridge County. Please come prepared to discuss ways in which to make your community safer.

DODDRIDGE COUNTY  
COMMISSION

By: Clinton D. Means, President

## DCHS "Super Teens"



Congratulations to Gabrielle Ash and Adam Marshok for being selected as "Super Teens" in *Next Step* Magazine. *Next Step* is a magazine for high school students that helps prepare young adults for college. Each year students are nominated across the country and then asked to answer several questions about their school and community activities. Gabrielle and Adam were both nominated for their involvement in their school and community, for their excellent grades and for being outstanding role models to others. Thousands of students were nominated across the country, but only a few hundred were selected for the entire United States. Twenty students were selected from the Mid Atlantic, which includes Washington D.C., West Virginia, Virginia, and Maryland. Out of those twenty students, four were from West Virginia and two of those "Super Teens" belong to Doddridge County High School. A special thank you goes to Gabrielle and Adam for being dedicated to their school and for being role models to their peers.

Gabrielle is the daughter of Tim and Paula Ash of Salem. She currently serves as the Junior Class President at DCHS and is a member of the Cheerleading Squad, Learn and Serve Club, Student Council (Secretary), National Honor Society (Treasurer) and Dogs On Gods Side Club. She attends Liberty Baptist Church.

Adam is the son of James Marshok and Susan Boggs of Big Flint. He is a Senior at DCHS and is a member of the Student Council, National Honor

Multi-Jurisdictional Hazard Mitigation Plan

**ADOPTING RESOLUTION**

**WHEREAS** the **Preston** County Office Emergency Management (OEM) has updated its Multi-Jurisdictional Hazard Mitigation Plan that includes all hazards to which **Preston** County and its municipalities are susceptible as per Section 322 of the Robert T. Stafford Disaster Relief and Emergency Assistance Act,

**WHEREAS** the Town of Tunnelton has been assessed for its susceptibility to all hazards,

**WHEREAS** a list of all critical facilities and other assets in the Town of Tunnelton that could be affected by hazard events has been generated and included in a countywide list of assets,

**WHEREAS** the estimated potential losses that Tunnelton assets could incur during a hazard event have been calculated,

**WHEREAS** goals, objectives, and strategies to mitigate against the hazards that have been identified in the county, including the Town of Tunnelton have been developed,

**WHEREAS** mitigation measures for the Town of Tunnelton and surrounding areas have been analyzed,

**WHEREAS** mitigation strategies for the Town of Tunnelton and surrounding areas have been prioritized,

**WHEREAS** **Preston** County's stakeholders and OEM have agreed to periodically review and update the Multi-Jurisdictional Hazard Mitigation Plan.

**THEREFORE BE IT RESOLVED THAT** the Town Council of the Town of Tunnelton hereby adopts and plans to implement the actions prescribed in the Multi-Jurisdictional Hazard Mitigation Plan.

Adopted this 17th day of April, 2007.

Mayor - Town of Tunnelton  
Name: Julia K. Bolyard  
Print: Julia K. Bolyard

Witness  
Name: Rita Nicholson  
Print: Rita Nicholson

Multi-Jurisdictional Hazard Mitigation Plan

**ADOPTING RESOLUTION**

**WHEREAS** the Preston County Office Emergency Management (OEM) has updated its Multi-Jurisdictional Hazard Mitigation Plan that includes all hazards to which Preston County and its municipalities are susceptible as per Section 322 of the Robert T. Stafford Disaster Relief and Emergency Assistance Act,

**WHEREAS** the Town of Terra Alta has been assessed for its susceptibility to all hazards,

**WHEREAS** a list of all critical facilities and other assets in the Town of Terra Alta that could be affected by hazard events has been generated and included in a countywide list of assets,

**WHEREAS** the estimated potential losses that Terra Alta assets could incur during a hazard event have been calculated,

**WHEREAS** goals, objectives, and strategies to mitigate against the hazards that have been identified in the county, including the Town of Terra Alta have been developed,

**WHEREAS** mitigation measures for the Town of Terra Alta and surrounding areas have been analyzed,

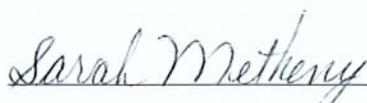
**WHEREAS** mitigation strategies for the Town of Terra Alta and surrounding areas have been prioritized,

**WHEREAS** Preston County's stakeholders and OEM have agreed to periodically review and update the Multi-Jurisdictional Hazard Mitigation Plan.

**THEREFORE BE IT RESOLVED THAT** the Town Council of the Town of Terra Alta hereby adopts and plans to implement the actions prescribed in the Multi-Jurisdictional Hazard Mitigation Plan.

Adopted this 17<sup>th</sup> day of April, 2007.

Mayor - Town of  
Name:   
Print: Charles R. Feather

Witness  
Name:   
Print: Sarah Metheny



*TOWN OF ROWLESBURG  
P. O. BOX 97  
ROWLESBURG WV 26425*

PHONE 304 454 2441  
FAX 304 454 3025

*An Equal opportunity Employer  
Barbara Banister, Mayor  
Kimberly Felton, Treasurer  
July 23, 2007*

## **MULTI-JURISDICTIONAL HAZARD MITIGATION PLAN ADOPTING RESOLUTION**

**WHEREAS** the Preston County Office of Emergency Management (OEM) has updated its Multi-Jurisdictional Hazard Mitigation Plan that includes all hazards to which Preston County and its municipalities are susceptible as per Section 322 of the Robert T. Stafford Disaster Relief and Emergency Assistance Act,

**WHEREAS** the Town of Rowlesburg has been assessed for its susceptibility to all hazards,

**WHEREAS** a list of all critical facilities and other assets in the Town of Rowlesburg that could be affected by hazard events has been generated and included in a countywide list of assets,

**WHEREAS** the estimated potential losses that all assets could incur during a hazard event have been calculated,

**WHEREAS** goals, objectives, and strategies to mitigate against the hazards that have been identified in the county, including the Town of Rowlesburg, have been developed,

**WHEREAS** mitigation measures for the town of Rowlesburg and surrounding areas have been analyzed.

**WHEREAS** mitigation strategies for the Town of Rowlesburg and surrounding areas have been prioritized,

**Whereas** Preston County's stakeholders and OEM have agreed to periodically review and update the Multi-Jurisdictional Hazard Mitigation Plan.

**THEREFORE BE IT RESOLVED THAT** the Common Council of the Town of Rowlesburg as the official act and deed of the Town of Rowlesburg having considered and voted upon said resolution do hereby adopt and approve plans to implement the actions prescribed in the Multi-Jurisdictional Hazard Mitigation Plan.

PASSED and ADOPTED this 23<sup>rd</sup> day of July month 2007. TOWN OF ROWLESBURG

By *Barbara Banister*

:Barbara Banister, Mayor

ATTEST *Kimberly Felton*

Kimberly Felton Treasurer

Multi-Jurisdictional Hazard Mitigation Plan Update

ADOPTING RESOLUTION

WHEREAS Preston County has developed a Multi-Jurisdictional Hazard Mitigation Plan that includes all hazards to which Preston County and its municipal areas are susceptible as per Section 322 of the Robert T. Stafford Disaster Relief and Emergency Assistance Act,

WHEREAS the TOWN OF REEDSVILLE has been assessed for its susceptibility to all hazards,

WHEREAS a list of all critical facilities and other assets in the TOWN OF REEDSVILLE that could be affected by hazard events has been generated and included in a countywide list of assets,

WHEREAS the estimated potential losses that the TOWN OF REEDSVILLE assets could incur during a hazard event have been calculated,

WHEREAS goals, objectives, and strategies to mitigate against the hazards that have been identified in the county, including the TOWN OF REEDSVILLE, have been developed,

WHEREAS mitigation measures for the TOWN OF REEDSVILLE and surrounding areas have been analyzed,

WHEREAS mitigation strategies for the TOWN OF REEDSVILLE and surrounding areas have been prioritized,

WHEREAS Preston County's stakeholders and County Commission have agreed to periodically review and update the Multi-Jurisdictional Hazard Mitigation Plan.

THEREFORE BE IT RESOLVED THAT the TOWN Council of the TOWN OF REEDSVILLE hereby adopts and plans to implement the actions prescribed in the Multi-Jurisdictional Hazard Mitigation Plan.

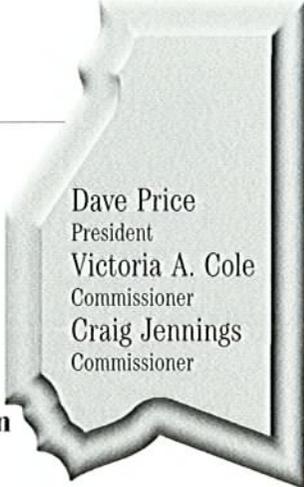
Adopted this 13<sup>th</sup> day of August, 2007.

Mayor -
Name: <u>James B. Wagner</u>
Print: <u>JAMES B. WAGNER</u>

Witness
Name: <u>Anna Davis</u>
Print: <u>DONNA DAVIS</u>

# Preston County Commission

Room 101  
101 W. Main Street  
Kingwood, West Virginia 26537  
Phone (304) 329-1805  
Fax (304) 329-3192  
TDD (304) 329-0652



Dave Price  
President  
Victoria A. Cole  
Commissioner  
Craig Jennings  
Commissioner

## Preston County Multi-Jurisdictional Hazard Mitigation Plan

### ADOPTING RESOLUTION

**WHEREAS Preston County** has developed a Multi-Jurisdictional Hazard Mitigation plan that includes all hazards to which the county is susceptible per Section 322 of the Robert T. Stafford Disaster Relief and Emergency Assistance Act,

**WHEREAS Preston County** has been assessed for its susceptibility to all hazards.

**WHEREAS Preston County** has compiled a list of all structural assets that could be affected by the identified hazards.

**WHEREAS Preston County** has estimated potential losses which structural assets could suffer in the event of a hazard.

**WHEREAS Preston County** has developed goals, objectives and strategies to mitigate against the hazards that have been identified in the county.

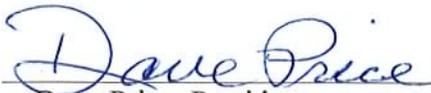
**WHEREAS Preston County** has identified and analyzed mitigation measures.

**WHEREAS Preston County** has prioritized the aforementioned mitigation strategies.

**WHEREAS the Preston County Hazard Mitigation Core Planning Committee and Office of Emergency Management (OEM)** have agreed to periodically review and update the Multi-Jurisdictional Hazard Mitigation Plan.

**THEREFORE BE IT RESOLVED THAT the Preston County Commission** hereby adopts and plans to implement the actions prescribed in the Multi-Jurisdictional Hazard Mitigation Plan.

Adopted this 23<sup>rd</sup> day of July, 2007.

  
\_\_\_\_\_  
Dave Price, President  
Preston County Commission

  
\_\_\_\_\_  
Witness

Multi-Jurisdictional Hazard Mitigation Plan

ADOPTING RESOLUTION

WHEREAS the Preston County Office Emergency Management (OEM) has updated its Multi-Jurisdictional Hazard Mitigation Plan that includes all hazards to which Preston County and its municipalities are susceptible as per Section 322 of the Robert T. Stafford Disaster Relief and Emergency Assistance Act,

WHEREAS the Town of NEWBURG has been assessed for its susceptibility to all hazards,

WHEREAS a list of all critical facilities and other assets in the Town of NEWBURG that could be affected by hazard events has been generated and included in a countywide list of assets,

WHEREAS the estimated potential losses that Newburg assets could incur during a hazard event have been calculated,

WHEREAS goals, objectives, and strategies to mitigate against the hazards that have been identified in the county, including the Town of NEWBURG, have been developed,

WHEREAS mitigation measures for the Town of NEWBURG and surrounding areas have been analyzed,

WHEREAS mitigation strategies for the Town of NEWBURG and surrounding areas have been prioritized,

WHEREAS Preston County's stakeholders and OEM have agreed to periodically review and update the Multi-Jurisdictional Hazard Mitigation Plan.

THEREFORE BE IT RESOLVED THAT the Town Council of the Town of NEWBURG hereby adopts and plans to implement the actions prescribed in the Multi-Jurisdictional Hazard Mitigation Plan.

Adopted this 8 day of May, 2007.

Mayor - Town of NEWBURG  
Name: \_\_\_\_\_  
Print: Edgar Fortney

Witness  
Name: Mary Taylor  
Print: Mary Taylor

**ADOPTING RESOLUTION**

**WHEREAS** the Preston County Office Emergency Management (OEM) has updated its Multi-Jurisdictional Hazard Mitigation Plan that includes all hazards to which Preston County and its municipalities are susceptible as per Section 322 of the Robert T. Stafford Disaster Relief and Emergency Assistance Act,

**WHEREAS** the Town of Masontown has been assessed for its susceptibility to all hazards,

**WHEREAS** a list of all critical facilities and other assets in the Town of Masontown that could be affected by hazard events has been generated and included in a countywide list of assets,

**WHEREAS** the estimated potential losses that Masontown assets could incur during a hazard event have been calculated,

**WHEREAS** goals, objectives, and strategies to mitigate against the hazards that have been identified in the county, including the Town of Masontown have been developed,

**WHEREAS** mitigation measures for the Town of Masontown and surrounding areas have been analyzed,

**WHEREAS** mitigation strategies for the Town of Masontown and surrounding areas have been prioritized,

**WHEREAS** Preston County's stakeholders and OEM have agreed to periodically review and update the Multi-Jurisdictional Hazard Mitigation Plan.

**THEREFORE BE IT RESOLVED THAT** the Town Council of the Town of Masontown hereby adopts and plans to implement the actions prescribed in the Multi-Jurisdictional Hazard Mitigation Plan.

Adopted this 11th day of April, 2007.

Mayor - Town of <u>Masontown</u>
Name: <u>Lydia Main</u>
Print: <u>LYDIA MAIN</u>

<u>Witness</u>
Name: _____
Print: _____

**ADOPTING RESOLUTION**

**WHEREAS** the **Preston** County Office Emergency Management (OEM) has updated its Multi-Jurisdictional Hazard Mitigation Plan that includes all hazards to which **Preston** County and its municipalities are susceptible as per Section 322 of the Robert T. Stafford Disaster Relief and Emergency Assistance Act,

**WHEREAS** the City of Kingwood has been assessed for its susceptibility to all hazards,

**WHEREAS** a list of all critical facilities and other assets in the City of Kingwood that could be affected by hazard events has been generated and included in a countywide list of assets,

**WHEREAS** the estimated potential losses that \_\_\_\_\_ assets could incur during a hazard event have been calculated,

**WHEREAS** goals, objectives, and strategies to mitigate against the hazards that have been identified in the county, including the City of Kingwood, have been developed,

**WHEREAS** mitigation measures for the City of Kingwood and surrounding areas have been analyzed,

**WHEREAS** mitigation strategies for the City of Kingwood and surrounding areas have been prioritized,

**WHEREAS** **Preston** County's stakeholders and OEM have agreed to periodically review and update the Multi-Jurisdictional Hazard Mitigation Plan.

**THEREFORE BE IT RESOLVED THAT** the City Council of Kingwood hereby adopts and plans to implement the actions prescribed in the Multi-Jurisdictional Hazard Mitigation Plan.

*Adopted this* 24th *day of* April, 2007.

Mayor – City of Kingwood  
Name: Fred Peddicord III  
Print: Fred Peddicord III

Witness  
Name: Martha Haigh  
Print: Martha Haigh

*Multi-Jurisdictional Hazard Mitigation Plan*  
**ADOPTING RESOLUTION**

**WHEREAS** the Preston County Office Emergency Management (OEM) has updated its Multi-Jurisdictional Hazard Mitigation Plan that includes all hazards to which Preston County and its municipalities are susceptible as per Section 322 of the Robert T. Stafford Disaster Relief and Emergency Assistance Act,

**WHEREAS** the Town of Bruceston Mills has been assessed for its susceptibility to all hazards,

**WHEREAS** a list of all critical facilities and other assets in the Town of Bruceston Mills that could be affected by hazard events has been generated and included in a countywide list of assets,

**WHEREAS** the estimated potential losses that Bruceston Mills assets could incur during a hazard event have been calculated,

**WHEREAS** goals, objectives, and strategies to mitigate against the hazards that have been identified in the county, including the Town of Bruceston Mills have been developed,

**WHEREAS** mitigation measures for the Town of Bruceston Mills and surrounding areas have been analyzed,

**WHEREAS** mitigation strategies for the Town of Bruceston Mills and surrounding areas have been prioritized,

**WHEREAS** Preston County's stakeholders and OEM have agreed to periodically review and update the Multi-Jurisdictional Hazard Mitigation Plan.

**THEREFORE BE IT RESOLVED THAT** the Town Council of the Town of Bruceston Mills hereby adopts and plans to implement the actions prescribed in the Multi-Jurisdictional Hazard Mitigation Plan.

Adopted this 8<sup>th</sup> day of MAY, 2007.

<u>Mayor - Town of Bruceston Mills</u>	
Name:	<u>Lisa Laughry</u>
Print:	<u>Lisa Laughry</u>

<u>Witness</u>	
Name:	<u>Kelley S. Miller</u>
Print:	<u>Kelley S Miller</u>

Multi-Jurisdictional Hazard Mitigation Plan

**ADOPTING RESOLUTION**

**WHEREAS** the Preston County Office Emergency Management (OEM) has updated its Multi-Jurisdictional Hazard Mitigation Plan that includes all hazards to which Preston County and its municipalities are susceptible as per Section 322 of the Robert T. Stafford Disaster Relief and Emergency Assistance Act,

**WHEREAS** the Town of Brandonville has been assessed for its susceptibility to all hazards,

**WHEREAS** a list of all critical facilities and other assets in the Town of Brandonville that could be affected by hazard events has been generated and included in a countywide list of assets,

**WHEREAS** the estimated potential losses that Brandonville assets could incur during a hazard event have been calculated,

**WHEREAS** goals, objectives, and strategies to mitigate against the hazards that have been identified in the county, including the Town of Brandonville, have been developed,

**WHEREAS** mitigation measures for the Town of Brandonville and surrounding areas have been analyzed,

**WHEREAS** mitigation strategies for the Town of Brandonville and surrounding areas have been prioritized,

**WHEREAS** Preston County's stakeholders and OEM have agreed to periodically review and update the Multi-Jurisdictional Hazard Mitigation Plan.

**THEREFORE BE IT RESOLVED THAT** the Town Council of the Town of Brandonville hereby adopts and plans to implement the actions prescribed in the Multi-Jurisdictional Hazard Mitigation Plan.

Adopted this 17<sup>th</sup> day of April, 2007.

Mayor - Town of Brandonville  
Name: Paul M Webster  
Print: Paul M Webster

Witness  
Name: Sandra Tan Austria  
Print: Sandra Tarr Austria

01-16-08 14:52 FROM-

Multi-Jurisdictional Hazard Mitigation Plan Update

ADOPTING RESOLUTION

WHEREAS Preston County has developed a Multi-Jurisdictional Hazard Mitigation Plan that includes all hazards to which Preston County and its municipal areas are susceptible as per Section 322 of the Robert T. Stafford Disaster Relief and Emergency Assistance Act,

WHEREAS the Town of Albright has been assessed for its susceptibility to all hazards,

WHEREAS a list of all critical facilities and other assets in the Town of Albright that could be affected by hazard events has been generated and included in a countywide list of assets,

WHEREAS the estimated potential losses that the Town of Albright assets could incur during a hazard event have been calculated,

WHEREAS goals, objectives, and strategies to mitigate against the hazards that have been identified in the county, including the Town of Albright, have been developed,

WHEREAS mitigation measures for the Town of Albright and surrounding areas have been analyzed,

WHEREAS mitigation strategies for the Town of Albright and surrounding areas have been prioritized,

WHEREAS Preston County's stakeholders and County Commission have agreed to periodically review and update the Multi-Jurisdictional Hazard Mitigation Plan.

THEREFORE BE IT RESOLVED THAT the Town Council of the Town of Albright hereby adopts and plans to implement the actions prescribed in the Multi-Jurisdictional Hazard Mitigation Plan.

Adopted this 16<sup>th</sup> day of Jan, 2008

Mayor - \_\_\_\_\_

Name: John Uphold Mayor

Print: John Uphold

Witness

Name: Connie Graham Recorder

Print: Connie Graham