

**COMMUNITY ASSETS (Region 9)**

**Description:** **Community assets** are historical structures listed on the National Register of Historic Places, government facilities (federal, state, local), emergency medical services (EMS), religious organizations, utilities, postsecondary educational facilities, or other buildings of significance that contribute to the *built environment* of community. A hazard vulnerability analysis of community historic/cultural should be conducted by floodplain managers and risk planners to develop mitigation strategies for these assets.   
  
A designated historic structure can obtain the benefit of subsidized flood insurance through the NFIP even if it has been substantially improved or substantially damaged so long as the building maintains its historic designation. Although the NFIP provides relief to historic structures from having to comply with NFIP floodplain management requirements for new construction, communities and owners of historic structures should give consideration to mitigation measures that can reduce the impacts of flooding on historic structures located in Special Flood Hazard Areas (44 CFR §60.3).

**Community Engagement and Verification:**Review the accuracy and completeness of all *active* **community assets**. Report any structures that are missing. Verify the buildings and location using the [Table](https://data.wvgis.wvu.edu/pub/RA/State/CL/Community_Asset/) and Risk MAP View of the [WV Flood Tool](https://www.mapwv.gov/flood/map/?wkid=102100&x=-8678646&y=4782404&l=3&v=2). Review and identify mitigation strategies for the community assets vulnerable to flooding.

**Table CA-1.** Essential Facility Types and Qualification Criteria for Statewide Risk Assessment

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **COMMUNITY ASSET** | **Government Buildings** | **EMS** | **Religious Organizations** | **Educational Facilities** | **Utilities** | **Historical Buildings** |
| **Qualification** | Local, State, and Federal Buildings | Ambulances | Worship facility | Post-secondary educational facilities | Large utility structures (e.g., not small pump stations) | NR Site Points  Historic District Buildings older than 1930 |
| **FEMA Lifeline Component** | Government Service, Shelter | Patient Movement | Food, Water, Shelter | Shelter | Water, Health, Facility Management |  |

**Community Lifelines:** FEMA recently developed the [community lifelines](https://www.fema.gov/emergency-managers/practitioners/lifelines) construct to increase effectiveness in disaster operations and better position the Agency to respond to catastrophic incidents. Community assets cover a minimum of four lifeline sectors: Safety and Security; Food, Water, Shelter; Health and Medical; and Energy (CA-1).

**Community Assets:** A total of 34 community assets (non-historical) were inventoried in the 1%-annual-chance floodplain for the **Region 9** Planning and Development Council (Table CA-2). **Jefferson County** (ranked 46th in the state) has the largest number of inventoried community resources (n=13) in Region 9. In the floodplain are three Shepherdstown University *post-secondary educational* buildings located in **Shepherdstown**, **Jefferson County**, the highest ranking in the State for post-secondary facilities in an incorporated area and county. **Berkeley** and **Jefferson** counties are ranked 5th and 11th, respectively, in the State for the number of inventoried *utility* buildings. The city of **Martinsburg** (ranked 1st of all incorporated areas) has four *utilities* located in the high-risk floodplain.

**Historical Community Assets:** A total of 190 *historical buildings* were inventoried in the 1%-annual-chance floodplain for **Region 9** (Table CA-3). The data sources for the historical buildings are from the National Register *site* and *area* designations. Buildings identified within National Register Areas or registered historic districts are older than 1930. **Jefferson County** is ranked 4th in the State as having the most historical buildings (n=123) in the high-risk floodplain. Most of these historical buildings are in the towns of **Shepherdstown** (n=51) and **Harpers Ferry** (n=29). The unincorporated area of **Jefferson County** is ranked 1st among all unincorporated areas with 26 historical buildings followed by the unincorporated area of **Berkeley County** (18 buildings). The town of **Bath** (Berkeley Springs) in Morgan County is ranked 10th in the State for an incorporated area with the most historical buildings (n=47). For the most National Register Areas in the State that intersect the 1% floodplain, **Jefferson County** (23 NR Areas) is ranked first, **Berkeley County** (n=20) second, and **Morgan County** (n=3) nineteenth. For more complete information about the historical designations, refer to the [National Register WV Listings.](http://www.wvculture.org/shpo/shpoindex.aspx)

**FEMA LIFELINE RESOURCES**

Bringing Lifelines into Hazard Mitigation Planning: [Slides](https://data.wvgis.wvu.edu/pub/RA/_resources/CF/Bringing_Lifelines_into_Hazard_Mitigation_Planning_Presentation.pdf) | [Audio](https://data.wvgis.wvu.edu/pub/RA/_resources/CF/Bringing_Lifelines_into_Hazard_Mitigation_Planning_Webinar.mp4) | [Fact Sheet](https://data.wvgis.wvu.edu/pub/RA/_resources/CF/LifelinesFactSheetandPosterv2_201911.pdf) | [BRIC](https://data.wvgis.wvu.edu/pub/RA/_resources/CF/FEMA_BRIC_Session-4_Community-Lifelines_20200722.pdf) | [FEMA Website](https://www.fema.gov/emergency-managers/practitioners/lifelines)

**HISTORICAL RESOURCES**

Incorporating Historic Resources in Hazard Mitigation Plan: [FEMA R3 Presentation](https://data.wvgis.wvu.edu/pub/RA/_resources/HMP/HMP-Historic&CulturalResources_(FEMA_R3)_20200115.pdf) | [MD Guide](https://mht.maryland.gov/documents/PDF/plan/floodpaper/2018-06-30_MD%20Flood%20Mitigation%20Guide.pdf)

FEMA Technical Bulletin: [Floodplain Management of Historic Structures](https://data.wvgis.wvu.edu/pub/RA/_resources/Historic/FEMA_bulletin_historic_structures_2008.pdf)

Map Resources: [WV Flood Tool’s Risk MAP View](https://www.mapwv.gov/flood/map/?wkid=102100&x=-8965523&y=4653240&l=2&v=2) | [WV SHPO GIS Viewer](https://www.mapwv.gov/shpo/)

National Register Listing: [WV State Historic Preservation Office](http://www.wvculture.org/shpo/shpoindex.aspx)

**Table CA-2.** Community Assets vulnerable to riverine flooding.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Community Name** | **County** | **Religious Org.** | | **Govt. Bldg.** | | **Utility** | | **Education** | | **EMS** | | **Other** | | **Total (Non-Historical)** | |
| Berkeley County\* | BERKELEY | 1 | | 0 | | 1 | | 0 | | 0 | | 0 | | 2 | |
| Hedgesville | BERKELEY | 0 | | 0 | | 0 | | 0 | | 0 | | 0 | | 0 | |
| Martinsburg | BERKELEY | 2 | | 1 | | 4 | | 0 | | 0 | | 0 | | 7 | |
| *SUM* | **BERKELEY** | **3** | | **1** | | **5** | | **0** | | **0** | | **0** | | **9** | |
| Bolivar | JEFFERSON | 0 | | 0 | | 1 | | 0 | | 0 | | 0 | | 1 | |
| Charles Town | JEFFERSON | 0 | | 0 | | 1 | | 0 | | 0 | | 0 | | 1 | |
| Harpers Ferry | JEFFERSON | 0 | | 1 | | 0 | | 0 | | 0 | | 0 | | 1 | |
| Jefferson County\* | JEFFERSON | 2 | | 2 | | 1 | | 0 | | 0 | | 0 | | 5 | |
| Ranson | JEFFERSON | 1 | | 0 | | 0 | | 0 | | 0 | | 0 | | 1 | |
| Shepherdstown | JEFFERSON | 0 | | 0 | | 1 | | 3 | | 0 | | 0 | | 4 | |
| *SUM* | **JEFFERSON** | **3** | | **3** | | **4** | | **3** | | **0** | | **0** | | **13** | |
| Bath | MORGAN | 6 | | 2 | | 0 | | 0 | | 0 | | 0 | | 8 | |
| Morgan County\* | MORGAN | 0 | | 1 | | 1 | | 0 | | 1 | | 0 | | 3 | |
| Paw Paw | MORGAN | 1 | | 0 | | 0 | | 0 | | 0 | | 0 | | 1 | |
| *SUM* | **MORGAN** | **7** | | **3** | | **1** | | **0** | | **1** | | **0** | | **12** | |
| **TOTAL** |  | **13** | | **7** | | **10** | | **3** | | **1** | | **0** | | **34** | |
| \* Unincorporated Community | | |  | |  |  |  | |  | |  | |  | |
|  | | |  | |  |  |  | |  | |  | |  | |

Region 9 Tabular Community-Level Report Link: [data.wvgis.wvu.edu - /pub/RA/State/CL/Community\_Asset/](https://data.wvgis.wvu.edu/pub/RA/State/CL/Community_Asset/)

**Table CA-3.** Historical Community Assets vulnerable to riverine flooding.

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Community Name** | **County** | **NR Bldg. Sites** | | **Bldg. in Historic District  (older than 1930)** | | **Total Historic Bldgs.** | | **# NR Areas /Districts in 1% Floodplain** |
| Berkeley County\* | BERKELEY | 6 | | 12 | | 18 | | 13 |
| Hedgesville | BERKELEY | 0 | | 0 | | 0 | | 0 |
| Martinsburg | BERKELEY | 0 | | 2 | | 2 | | 8 |
|  | **BERKELEY** | **6** | | **14** | | **20** | | **20** |
| Bolivar | JEFFERSON | 0 | | 3 | | 3 | | 3 |
| Charles Town | JEFFERSON | 0 | | 14 | | 14 | | 2 |
| Harpers Ferry | JEFFERSON | 1 | | 28 | | 29 | | 4 |
| Jefferson County\* | JEFFERSON | 3 | | 23 | | 26 | | 21 |
| Ranson | JEFFERSON | 0 | | 0 | | 0 | | 1 |
| Shepherdstown | JEFFERSON | 1 | | 50 | | 51 | | 2 |
|  | **JEFFERSON** | **5** | | **118** | | **123** | | **23** |
| Bath | MORGAN | 2 | | 45 | | 47 | | 1 |
| Morgan County\* | MORGAN | 0 | | 0 | | 0 | | 2 |
| Paw Paw | MORGAN | 0 | | 0 | | 0 | | 0 |
|  | **MORGAN** | **2** | | **45** | | **47** | | **3** |
| **TOTAL** |  | **13** | | **177** | | **190** | | **46** |
| \* Unincorporated Community | | |  | |  | |  |  |
|  | | |  | |  | |  |  |

**Building-Level Community Assets by Flood Depth:** Community assets most vulnerable to a high-risk 1%-annual-chance (100-yr) flood event are displayed below. The flood depth grid and building damage estimates quantify the degree of risk at which facilities may be subject to the greatest flood damage.

**Table CA-4.** Community Assets most vulnerable to 1% Flood Depth. What is the degree of risk?

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Community Name | County | Facility Name | | **Facility Type** | Flood Tool Link | **Flood Depth** | Building Damage Percent |
| Harpers Ferry | JEFFERSON | National Park Service Information Center | | **Government** | [FT](https://mapwv.gov/flood/map/?wkid=102100&x=-8652904.069442268&y=4767988.065651198&l=13&v=2) | 31.9 | 78% |
| Boliver | JEFFERSON | Harpers Ferry Bolivar PSD Wastewater Treatment Plant | | **Utilities** | [FT](https://www.mapwv.gov/flood/map/?wkid=102100&x=-8654842&y=4767628&l=13&v=2) | 15.5 |  |
| Shepherdstown | JEFFERSON | Shepherd's Mill | | **Utilities** | [FT](https://mapwv.gov/flood/map/?wkid=102100&x=-8660868.685904307&y=4784067.293134287&l=13&v=2) | 12.3 | 55% |
| Shepherdstown | JEFFERSON | Shepherdstown Water Works Plant | | **Utilities** | [FT](https://mapwv.gov/flood/map/?wkid=102100&x=-8660894.3619675&y=4783954.284489239&l=13&v=2) | 2.9 | 16% |
| Jefferson County\* | JEFFERSON | Millville Pentecostal Church | | **Religious Institution** | [FT](https://mapwv.gov/flood/map/?wkid=102100&x=-8659137.475685034&y=4763735.205206435&l=13&v=2) | 7.1 | 13% |
| Charles Town | JEFFERSON | City of Charles Town Wastewater Treatment Plant | | **Utilities** | [FT](https://mapwv.gov/flood/map/?wkid=102100&x=-8666931.343855564&y=4761752.932795085&l=13&v=2) | 2.1 | 12% |
| Berkeley County\* | BERKELEY | Little Falls Chapel | | **Religious Institution** | [FT](https://mapwv.gov/flood/map/?wkid=102100&x=-8670682.250312978&y=4802127.852564898&l=13&v=2) | 6.4 | 11% |
| Martinsburg | BERKELEY | Holy Grace Church of God | | **Religious Institution** | [FT](https://mapwv.gov/flood/map/?wkid=102100&x=-8678357.922565132&y=4788950.649447467&l=13&v=2) | 3.4 | 11% |
| Martinsburg | BERKELEY | Roach Energy | | **Utilities** | [FT](https://mapwv.gov/flood/map/?wkid=102100&x=-8678449.80355776&y=4786934.0150896525&l=13&v=2) | 3.5 | 10% |
| Martinsburg | BERKELEY | Martinsburg Sewage Treatment Plant | | **Utilities** | [FT](https://mapwv.gov/flood/map/?wkid=102100&x=-8677727.141691184&y=4786531.480992704&l=13&v=2) | 4.8 | 9% |
| Bath | MORGAN | Morgan County Courthouse | | **Government** | [FT](https://mapwv.gov/flood/map/?wkid=102100&x=-8708221.565402174&y=4811906.557854602&l=13&v=2) | 2.6 | 7% |
| Bath | MORGAN | Morgan County Public Library | | **Government** | [FT](https://mapwv.gov/flood/map/?wkid=102100&x=-8708153.7239649&y=4811997.874770332&l=13&v=2) | 2.9 | 7% |
| Shepherdstown | JEFFERSON | Shepherd University White Hall | | **Education** | [FT](https://mapwv.gov/flood/map/?wkid=102100&x=-8661115.093044333&y=4783642.738066225&l=13&v=2) | 2.0 | 5% |
| Shepherdstown | JEFFERSON | Shepherd University McMurran and Reynolds Hall | | **Education** | [FT](https://mapwv.gov/flood/map/?wkid=102100&x=-8661258.25135665&y=4783603.603416422&l=13&v=2) | 2.0 | 5% |
| \* Unincorporated Community | | |
|  | | |

Region 9 Tabular Building-Level Report Link: [data.wvgis.wvu.edu - /pub/RA/State/BL/CommunityAsset/](https://data.wvgis.wvu.edu/pub/RA/State/BL/CommunityAsset/)

**Utility Facilities by Flood Depth:** Utility buildings prone to a high-risk 1%-annual-chance (100-yr) flood event are displayed below. The flood depth grid and building damage estimates quantify the degree of risk at which facilities may be subject to the greatest flood damage. Located in a high-risk advisory floodplain, the **Martinsburg Sewage Treatment Plant** with an appraised value of $51,776,300 is the most expensive facility among the community assets of **Region 9**.

**Table CA-5a.** Utility buildings at risk of a 1% Flood. What is the degree of risk?

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Community Name | County | Facility Name | | **Facility Type** | Flood Tool Link | **Flood Depth** | Building Damage Percent |
| Boliver | JEFFERSON | Harpers Ferry Bolivar PSD Wastewater Treatment Plant | | **Utilities** | [FT](https://www.mapwv.gov/flood/map/?wkid=102100&x=-8654842&y=4767628&l=13&v=2) | 15.5 |  |
| Martinsburg | BERKELEY | City of Martinsburg Wastewater Treatment Plant | | **Utilities** | [FT](https://mapwv.gov/flood/map/?wkid=102100&x=-8677726.850590711&y=4786530.347563355&l=13&v=2) | 4.8 | 9% |
| Martinsburg | BERKELEY | Roach Energy | | **Utilities** | [FT](https://mapwv.gov/flood/map/?wkid=102100&x=-8678449.512234658&y=4786932.881614841&l=13&v=2) | 3.5 | 10% |
| Shepherdstown | JEFFERSON | Shepherdstown Water Works Water Treatment Plant | | **Utilities** | [FT](https://mapwv.gov/flood/map/?wkid=102100&x=-8660894.3619675&y=4783954.284489239&l=13&v=2) | 2.9 | 16% |
| Charles Town | JEFFERSON | City of Charles Town Wastewater Treatment Plant | | **Utilities** | [FT](https://mapwv.gov/flood/map/?wkid=102100&x=-8666931.343855564&y=4761752.932795085&l=13&v=2) | 2.1 | 12% |
| Martinsburg | BERKELEY | Kilmer Springs Water Filtration Plant | | **Utilities** | [FT](https://mapwv.gov/flood/map/?wkid=102100&x=-8679288.941901864&y=4788661.4530149195&l=13&v=2) | 1.0 | 0% |
| Berkeley County\* | BERKELEY | Big Springs Water Filtration Plant | | **Utilities** | [FT](https://www.mapwv.gov/flood/map/?wkid=102100&x=-8681236&y=4782966&l=11&v=2) | 0.5 |  |
| Morgan County\* | MORGAN | Warm Springs PSD Wastewater Treatment Plant | | **Utilities** | [FT](https://www.mapwv.gov/flood/map/?wkid=102100&x=-8707020&y=4814148&l=11&v=2) | 0.4 |  |
| Jefferson County\* | JEFFERSON | Harpers Ferry Water Works Treatment Facility | | **Utilities** | [FT](https://mapwv.gov/flood/map/?wkid=102100&x=-8656364.075695025&y=4769663.757713801&l=13&v=2) | 0.0 | 0% |
| Martinsburg | BERKELEY | Martinsburg Recycling Center | | **Utilities** | [FT](https://mapwv.gov/flood/map/?wkid=102100&x=-8678543.483584685&y=4786790.712565367&l=13&v=2) | 0.0 | 0% |
| \* Unincorporated Community | | |
|  | | |

**Educational (Post-secondary) Community Assets by Flood Depth:** The following table shows the post-secondary educational facilities located in the high-risk (100-yr) floodplain of **Region 9**. All three buildings belong to **Shepherd University** in Shepherdstown, Jefferson County.

**Table CA-5b.** Educational (Post-secondary) buildings at risk of a 1% Flood. What is the degree of risk?

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Community Name | County | Facility Name | **Facility Type** | Flood Tool Link | **Flood Depth** | Building Damage Percent |
| Shepherdstown | JEFFERSON | Shepherd University White Hall | **Education** | [FT](https://mapwv.gov/flood/map/?wkid=102100&x=-8661115.093044333&y=4783642.738066225&l=13&v=2) | 2.0 | 5% |
| Shepherdstown | JEFFERSON | Shepherd University McMurran and Reynolds Hall | **Education** | [FT](https://mapwv.gov/flood/map/?wkid=102100&x=-8661258.25135665&y=4783603.603416422&l=13&v=2) | 2.0 | 5% |
| Shepherdstown | JEFFERSON | Shepherd University Human Resources | **Education** | [FT](https://mapwv.gov/flood/map/?wkid=102100&x=-8661114.591438709&y=4783582.894476721&l=13&v=2) | 2.0 | 0% |

Region 9 Tabular Building-Level Report Link: [data.wvgis.wvu.edu - /pub/RA/State/BL/CommunityAsset/](https://data.wvgis.wvu.edu/pub/RA/State/BL/CommunityAsset/)

**Historical Community Assets by Flood Depth:**  Historical buildings most vulnerable to a high-risk 1%-annual-chance (100-yr) flood event in each county are displayed below. The flood depth grid and building damage estimates quantify the degree of risk at which facilities may be subject to the greatest flood damage. The town of **Harpers Ferry** has a history of catastrophic floods and is one of the most vulnerable communities in the State.

**Table CA-6a.** Jefferson County Historical buildings most vulnerable to 1% Flood Depth.

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Community Name | County | Facility Name | | | **Facility Type** | Flood Tool Link | **Flood Depth** | Building Damage Percent |
| Harpers Ferry | JEFFERSON | Harpers Ferry Historic District | | | **National Register** | [FT](https://mapwv.gov/flood/map/?wkid=102100&x=-8652936.127897149&y=4767964.770457151&l=13&v=2) | 33.0 | 78% |
| Harpers Ferry | JEFFERSON | Harpers Ferry Historic District | | | **National Register** | [FT](https://mapwv.gov/flood/map/?wkid=102100&x=-8652917.910462474&y=4767981.4186332915&l=13&v=2) | 32.8 | 78% |
| Harpers Ferry | JEFFERSON | Harpers Ferry Historic District | | | **National Register** | [FT](https://mapwv.gov/flood/map/?wkid=102100&x=-8652925.367198572&y=4767975.557311742&l=13&v=2) | 32.7 | 78% |
| Harpers Ferry | JEFFERSON | Harpers Ferry Historic District | | | **National Register** | [FT](https://mapwv.gov/flood/map/?wkid=102100&x=-8653275.292002875&y=4767924.352052765&l=13&v=2) | 32.1 | 78% |
| Harpers Ferry | JEFFERSON | Harpers Ferry Historic District | | | **National Register** | [FT](https://mapwv.gov/flood/map/?wkid=102100&x=-8652904.069442268&y=4767988.065651198&l=13&v=2) | 31.9 | 78% |
| Harpers Ferry | JEFFERSON | Harpers Ferry Historic District | | | **National Register** | [FT](https://mapwv.gov/flood/map/?wkid=102100&x=-8652970.107726434&y=4767981.6806746805&l=13&v=2) | 31.7 | 78% |
| Harpers Ferry | JEFFERSON | Harpers Ferry Historic District | | | **National Register** | [FT](https://mapwv.gov/flood/map/?wkid=102100&x=-8652872.268803336&y=4768069.082722405&l=13&v=2) | 31.5 | 78% |
| Harpers Ferry | JEFFERSON | Harpers Ferry Historic District | | | **National Register** | [FT](https://mapwv.gov/flood/map/?wkid=102100&x=-8652958.99447903&y=4767990.893858497&l=13&v=2) | 31.3 | 78% |
| Harpers Ferry | JEFFERSON | Harpers Ferry Historic District | | | **National Register** | [FT](https://mapwv.gov/flood/map/?wkid=102100&x=-8652864.580745341&y=4768077.585690407&l=13&v=2) | 31.2 | 78% |
| Harpers Ferry | JEFFERSON | Harpers Ferry Historic District | | | **National Register** | [FT](https://mapwv.gov/flood/map/?wkid=102100&x=-8652882.03786789&y=4768061.8305478385&l=13&v=2) | 30.5 | 78% |
| Harpers Ferry | JEFFERSON | Harpers Ferry Historic District | | | **National Register** | [FT](https://mapwv.gov/flood/map/?wkid=102100&x=-8652890.776670558&y=4768054.5445618145&l=13&v=2) | 29.4 | 78% |
| Harpers Ferry | JEFFERSON | Harpers Ferry Historic District | | | **National Register** | [FT](https://mapwv.gov/flood/map/?wkid=102100&x=-8652874.607737157&y=4768087.525231501&l=13&v=2) | 29.1 | 78% |
| Harpers Ferry | JEFFERSON | Harpers Ferry Historic District | | | **National Register** | [FT](https://mapwv.gov/flood/map/?wkid=102100&x=-8652989.371452997&y=4767966.380548549&l=13&v=2) | 28.4 | 78% |
| Harpers Ferry | JEFFERSON | Harpers Ferry Historic District | | | **National Register** | [FT](https://mapwv.gov/flood/map/?wkid=102100&x=-8652902.158977166&y=4768063.18954771&l=13&v=2) | 27.9 | 78% |
| Harpers Ferry | JEFFERSON | Harpers Ferry Historic District | | | **National Register** | [FT](https://mapwv.gov/flood/map/?wkid=102100&x=-8652923.019247865&y=4768022.254865503&l=13&v=2) | 26.6 | 75% |
| Harpers Ferry | JEFFERSON | Harpers Ferry Historic District | | | **National Register** | [FT](https://mapwv.gov/flood/map/?wkid=102100&x=-8652935.294225477&y=4768014.779823276&l=13&v=2) | 26.1 | 73% |
| Harpers Ferry | JEFFERSON | Harpers Ferry Historic District | | | **National Register** | [FT](https://mapwv.gov/flood/map/?wkid=102100&x=-8652896.627289034&y=4768101.005044688&l=13&v=2) | 25.9 | 72% |
|  | | |  |

**Table CA-6b.** Morgan County Historical buildings most vulnerable to 1% Flood Depth.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Community Name | County | Facility Name | **Facility Type** | Flood Tool Link | **Flood Depth** | Building Damage Percent |
| Bath | MORGAN | Town of Bath Historic District | **National Register** | [FT](https://mapwv.gov/flood/map/?wkid=102100&x=-8708113.982572725&y=4811967.100825131&l=13&v=2) | 8.3 | 27% |
| Bath | MORGAN | Town of Bath Historic District | **National Register** | [FT](https://mapwv.gov/flood/map/?wkid=102100&x=-8708259.129830383&y=4811964.142544602&l=13&v=2) | 7.8 | 40% |
| Bath | MORGAN | Town of Bath Historic District | **National Register** | [FT](https://mapwv.gov/flood/map/?wkid=102100&x=-8708328.480314674&y=4811959.774211695&l=13&v=2) | 7.0 | 16% |
| Bath | MORGAN | Town of Bath Historic District | **National Register** | [FT](https://mapwv.gov/flood/map/?wkid=102100&x=-8708264.845863596&y=4811953.712401385&l=13&v=2) | 6.6 | 37% |
| Bath | MORGAN | Town of Bath Historic District | **National Register** | [FT](https://mapwv.gov/flood/map/?wkid=102100&x=-8708529.183901919&y=4811522.753134991&l=13&v=2) | 5.5 | 16% |
| Bath | MORGAN | Town of Bath Historic District | **National Register** | [FT](https://mapwv.gov/flood/map/?wkid=102100&x=-8708013.208043335&y=4812009.362360129&l=13&v=2) | 5.0 | 16% |
| Bath | MORGAN | Town of Bath Historic District | **National Register** | [FT](https://mapwv.gov/flood/map/?wkid=102100&x=-8708154.632665899&y=4811938.855265421&l=13&v=2) | 4.8 | 8% |
| Bath | MORGAN | Town of Bath Historic District | **National Register** | [FT](https://mapwv.gov/flood/map/?wkid=102100&x=-8708124.213613167&y=4811923.452112012&l=13&v=2) | 4.7 | 17% |
| Bath | MORGAN | Town of Bath Historic District | **National Register** | [FT](https://mapwv.gov/flood/map/?wkid=102100&x=-8708316.194761708&y=4811928.891117954&l=13&v=2) | 4.4 | 5% |
| Bath | MORGAN | Town of Bath Historic District | **National Register** | [FT](https://mapwv.gov/flood/map/?wkid=102100&x=-8708192.619551577&y=4811960.9911703095&l=13&v=2) | 4.2 | 2% |

**Table CA-6c.** Berkeley County buildings most vulnerable to 1% Flood Depth. What is the degree of risk?

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Community Name | County | Facility Name | **Facility Type** | Flood Tool Link | **Flood Depth** | Building Damage Percent |
| Berkeley County\* | BERKELEY | Darkesville Historic District | **National Register** | [FT](https://mapwv.gov/flood/map/?wkid=102100&x=-8685961.090317857&y=4775059.789199696&l=13&v=2) | 5.2 | 22% |
| Berkeley County\* | BERKELEY | Darkesville Historic District | **National Register** | [FT](https://mapwv.gov/flood/map/?wkid=102100&x=-8686160.477886086&y=4775039.816856346&l=13&v=2) | 4.7 | 13% |
| Martinsburg | BERKELEY | Tuscarora Creek Historic District | **National Register** | [FT](https://mapwv.gov/flood/map/?wkid=102100&x=-8680654.034561072&y=4789355.6566767115&l=13&v=2) | 2.5 | 11% |
| Martinsburg | BERKELEY | Tuscarora Creek Historic District | **National Register** | [FT](https://mapwv.gov/flood/map/?wkid=102100&x=-8681355.073729757&y=4789206.290975344&l=13&v=2) | 2.1 | 14% |
| Berkeley County\* | BERKELEY | Darkesville Historic District | **National Register** | [FT](https://mapwv.gov/flood/map/?wkid=102100&x=-8685954.711711036&y=4775094.290171318&l=13&v=2) | 2.1 | 8% |
| Berkeley County\* | BERKELEY | Mill Creek Historic District | **National Register** | [FT](https://mapwv.gov/flood/map/?wkid=102100&x=-8690352.622522352&y=4771226.513737529&l=13&v=2) | 1.1 | 4% |

|  |
| --- |
| \* Unincorporated Community |

**National Register Areas:** The historical districts with the most buildings older than 1930 are listed below. Refer to the detailed National Register report as to which buildings contribute to the historic designation.

**Table CA-7.** National Register Areas with the estimated highest number of historic buildings.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Community Name | County | Historic Name | # Bldg. Points in NR Area | Flood Tool Link |
| Shepherdstown | JEFFERSON | Shepherdstown Historic District (Boundary Increase) | 57 | [FT](https://www.mapwv.gov/flood/map/?wkid=102100&x=-8661361&y=4783612&l=10&v=2) |
| Bath | MORGAN | Town of Bath Historic District | 45 | [FT](https://www.mapwv.gov/flood/map/?wkid=102100&x=-8708210&y=4811832&l=10&v=2) |
| Harpers Ferry | JEFFERSON | Harpers Ferry National Historical Park | 31 | [FT](https://www.mapwv.gov/flood/map/?wkid=102100&x=-8652244&y=4768010&l=10&v=2) |
| Harpers Ferry | JEFFERSON | Harpers Ferry Historic District | 28 | [FT](https://www.mapwv.gov/flood/map/?wkid=102100&x=-8654032&y=4768319&l=10&v=2) |
| Harpers Ferry | JEFFERSON | Harpers Ferry Historic District (Additional Information) | 28 | [FT](https://www.mapwv.gov/flood/map/?wkid=102100&x=-8654031&y=4768318&l=10&v=2) |
| Shepherdstown | JEFFERSON | Shepherdstown Historic District | 15 | [FT](https://www.mapwv.gov/flood/map/?wkid=102100&x=-8661387&y=4783682&l=10&v=2) |
| Charles Town | JEFFERSON | Old Charles Town Historic District | 13 | [FT](https://www.mapwv.gov/flood/map/?wkid=102100&x=-8667595&y=4763162&l=10&v=2) |
| Jefferson County\* | JEFFERSON | Middleway Historic District | 9 | [FT](https://www.mapwv.gov/flood/map/?wkid=102100&x=-8680954&y=4765332&l=10&v=2) |
| Berkeley County\* | BERKELEY | Darkesville Historic District | 5 | [FT](https://www.mapwv.gov/flood/map/?wkid=102100&x=-8685637&y=4775492&l=10&v=2) |
| Berkeley County\* | BERKELEY | Mill Creek Historic District | 3 | [FT](https://www.mapwv.gov/flood/map/?wkid=102100&x=-8689539&y=4771287&l=10&v=2) |
| Berkeley County\* | BERKELEY | Scrabble Historic District | 3 | [FT](https://www.mapwv.gov/flood/map/?wkid=102100&x=-8664399&y=4791100&l=10&v=2) |
| Berkeley County\* | BERKELEY | Tuscarora Creek Historic District | 3 | [FT](https://www.mapwv.gov/flood/map/?wkid=102100&x=-8685778&y=4787089&l=10&v=2) |

\* Unincorporated Community  
Source: Region 9 National Register Name Report: [data.wvgis.wvu.edu - /pub/RA/State/BL/CommunityAsset/](https://data.wvgis.wvu.edu/pub/RA/State/BL/CommunityAsset/)

**Verification - WV Flood Tool Risk MAP:** The **WV Flood Tool’s Risk MAP View** should be used to view and verify mapped community assets and other risk layers, such as the example below of Martinsburg in Berkeley County.

**Figure CA-8.** Community Assets in city of Martinsburg displayed on [Risk MAP View](https://www.mapwv.gov/flood/map/?wkid=102100&x=-8679524&y=4787539&l=7&v=2) of the WV Flood

Tool.

Graphical user interface, application

Description automatically generated![Map

Description automatically generated]()

WV Flood Tool Map Link: <https://www.mapwv.gov/flood/map/?wkid=102100&x=-8679524&y=4787539&l=7&v=2>

**Verification - Tabular Report:** Community Assets can also be viewed and verified for each community by linking to the risk assessment **tabular report** (Excel spreadsheet). To verify the geographic location of each facility, the Excel table provides map view links. Community Asset data fields include Community Identifiers, Building ID, Address, Facility Name, Facility Type, Specific Occupancy Code, Building Value, Building Value Source, Flood Zone, Floodway, Flood Depth, Building Damage Estimate, and Flood Tool viewer link.

**Table CA-9.** Community Assets for city of Martinsburg displayed in [Tabular Report](https://data.wvgis.wvu.edu/pub/RA/State/BL/CommunityAsset/) with map links.

|  |  |  |  |
| --- | --- | --- | --- |
| Facility Name | Full Address | **Facility Type** | Flood Tool Link |
| Holy Grace Church of God | 215 W Moler Ave, Martinsburg, WV, 25404 | Religious Institution | [FT](https://mapwv.gov/flood/map/?wkid=102100&x=-8678357.922565132&y=4788950.649447467&l=13&v=2) |
| Roach Energy | 333 E John St, Martinsburg, WV, 25401 | Utilities | [FT](https://mapwv.gov/flood/map/?wkid=102100&x=-8678449.80355776&y=4786934.0150896525&l=13&v=2) |
| City of Martinsburg Wastewater Treatment Plant | 500 E John St, Martinsburg, WV, 25401 | Utilities | [FT](https://mapwv.gov/flood/map/?wkid=102100&x=-8677727.141691184&y=4786531.480992704&l=13&v=2) |
| Tuscarora Creek Historic District | 600A N TENNESSEE AVE, Martinsburg, WV, 25401 | National Register - Historic District | [FT](https://mapwv.gov/flood/map/?wkid=102100&x=-8680654.034561072&y=4789355.6566767115&l=13&v=2) |
| Tuscarora Creek Historic District | 200 OLD MILL RD, Martinsburg, WV, 25401 | National Register - Historic District | [FT](https://mapwv.gov/flood/map/?wkid=102100&x=-8681355.073729757&y=4789206.290975344&l=13&v=2) |
| Berkeley City Council Warehouse | 750 Baltimore St, Martinsburg, WV, 25401 | Government | [FT](https://mapwv.gov/flood/map/?wkid=102100&x=-8679491.809873974&y=4788779.819992343&l=13&v=2) |
| City of Martinsburg Kilmer Springs Water Filtration Plant | 602 Baltimore St, Martinsburg, WV, 25401 | Utilities | [FT](https://mapwv.gov/flood/map/?wkid=102100&x=-8679289.233558934&y=4788662.586829173&l=13&v=2) |
| Kingdom Hall of Jehovah's Witnesses | 725 Baltimore St, Martinsburg, WV, 25401 | Religious Institution | [FT](https://mapwv.gov/flood/map/?wkid=102100&x=-8679635.291235447&y=4788839.481013929&l=13&v=2) |
| Martinsburg Recycling Center | 9999 E Stephen St, Martinsburg, WV, 25401 | Utilities | [FT](https://mapwv.gov/flood/map/?wkid=102100&x=-8678543.775019113&y=4786791.845879956&l=13&v=2) |

Region 9 Tabular Building-Level Report Link: [data.wvgis.wvu.edu - /pub/RA/State/BL/CommunityAsset/](https://data.wvgis.wvu.edu/pub/RA/State/BL/CommunityAsset/)

**Verification with Community-Level Report:** A summary report for all communities and regions can be accessed at [data.wvgis.wvu.edu - /pub/RA/State/CL/Community\_Asset/](https://data.wvgis.wvu.edu/pub/RA/State/CL/Community_Asset/). See Tables CA-2 and CA-3 for sample outputs.

\* \* \*

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