

Getting Started



I. To access the tool:

1. Click on the **RED** launch tool icon.
2. Read and sign off on the disclaimer.

II. Finding your study area:

1. Type address into Search box and verify location.
Zoom to correct location if needed.
2. The floodplain is represented by areas of solid or line-filled red.

III. Navigation:

1. Zoom in and out using the navigation tool bar on the left side of the map.
2. You can also hold down the shift key and left-click to draw a box to zoom to a specific area.
3. You can use the cursor to pan in any direction.

IV. Query information:

1. Click on the map using the default "hand" cursor to query the map for flood information.
2. When you left click, an information query result box will appear displaying flood hazard status, elevation, location, official FIRM map access link, parcels (if available) and contact information.
3. If your area has a detailed FEMA study, you can click on the expert view and compare your structures' ground elevation with a Base Flood Elevation (BFE).

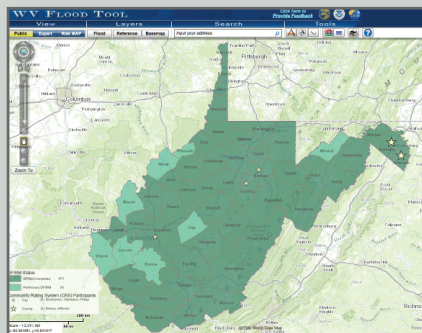
V. Adding Optional information:

1. To set the best background map for your purpose whether aerial imagery, topo, or street map.
Click layers, Basemap
2. Add address, road, and contour lines.
Click layers, Reference

Easy to use instructions to navigate the WV Flood Tool

The West Virginia Flood Tool is designed to provide floodplain managers, insurance agents, developers, real estate agents, local planners and citizens with an effective means by which to make informed decisions about the degree of flood risk for a specific area or property using the best available digital flood hazard data, elevation data, and aerial photography for West Virginia.

- Helps you to determine whether your house or business is in an identified 1% annual chance (100yr) flood hazard area.
- Displays the approximate elevation of the ground at your site.
- Links you to FEMA's online map service center to view official flood maps.
- Allows you to download model packages of study areas.



Remember....

Consult official FEMA flood maps and certified elevation data for further questions of if there is any doubt of a property's flood risk. Contact floodplain managers for technical assistance.

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www.dhsem.wv.gov/mitigation/floodplain

Make informed, initial decisions about the degree of flood risk faced and whether precautions should be taken.

www.MapWV.gov/Flood

Quick Start Guide: Public View

West Virginia Flood Tool



WV GIS Technical Center
Department of Geology and Geography
West Virginia University



West Virginia Department
of Homeland Security
and Emergency Management



Using the Tool

Type www.MapWV.gov/Flood into your browser

A. PUBLIC VIEW

This default view serves to make an initial flood hazard estimate. Type in your address under SEARCH. Red area on map is the established floodplain.

B. EXPERT VIEW

More advanced view for Floodplain Managers and informed citizens familiar with detailed flood maps.

C. RISK MAP

Advanced information for local planners to help identify and reduce flood risk to property. Information by Census Block only.

D. FLOOD LAYER

Flood Zone and other flood features. Reduce red opacity by moving slider to see under flood zone.

E. REFERENCE LAYER

Use to add addresses, streets, state routes, streams, contour lines to map view.

F. BASEMAP LAYER

Variety of background layers to add street map, topographic map, or aerial Imagery (leaf on/off, infrared, etc.).

G. MEASURING TOOL

For measuring distances and areas.

H. MARKUP TOOL

Use for notes to specifically ID your structure on map e.g. My House.

I. ERASER TOOL

Click on to erase any temporary markups or queries.

J. BOOKMARK TOOL

Establish bookmark remembered by your computer.

L. PRINT TOOL

Print and notate PDF map.

M. HELP

Basic use instruction

III.

The screenshot displays the MapWV.gov/Flood tool interface. The top menu bar includes tabs A through M. Tab A is 'View' (Public, Expert, Risk MAP), Tab V is 'Layers' (Flood, Reference, Basemap), Tab II is 'Search' (Bridgeport High School), and Tab M is 'Tools'. The map shows an aerial view of Bridgeport High School with a red flood hazard overlay. A yellow circle with a crosshair marks the selected site. A right-hand panel provides detailed information about the selected site, including elevation, location coordinates, FEMA flood map number, and contact information. An 'Overview Map' inset is visible in the bottom right corner.

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Flood Hazard Area: Selected site is **WITHIN** the FEMA 100-year floodplain.

Additional Hazard Info: [Click here](#)

Elevation (Ground): About 967 feet

Location (long, lat): [\(80.263506 W, 39.289760 N\)](#)

Location (UTM 17N): (563514, 4349191)

FEMA Issued Flood Map: [54033C0167D](#)

Contacts: [Harrison County](#)

CRS Information: No CRS information available

Parcel Information: No parcel data [Disclaimer](#)

Zoom To:

- Address
- Parcel
- Coordinates
- Geographic Name
- City
- County
- USGS Quad.

Overview Map