

# West Virginia Flood Tool

Quick and Easy Flood Determination Tool

www.MapWV.gov/Flood

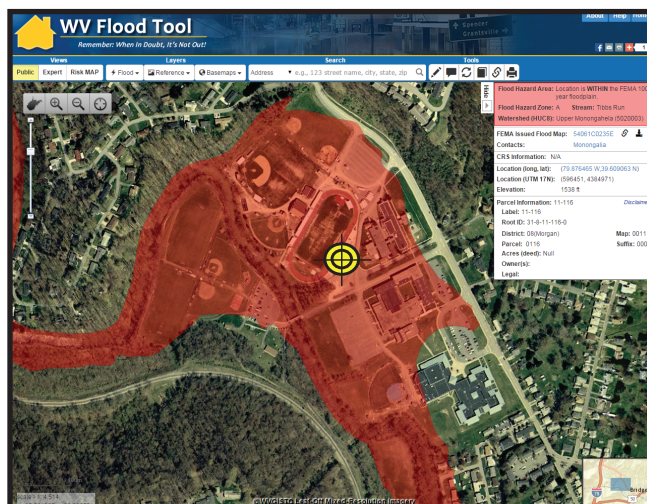
Information Handout



Remember: When in doubt: it's not out!

The WV Flood Tool ([www.MapWV.gov](http://www.MapWV.gov)) allows citizens, home owners, floodplain managers, insurance agents, developers, real estate agents, and local planers to make informed decisions about the degree of flood risk for a specific area or property through simply navigating to an area of interest and clicking on a location to query information. This application utilizes public, expert, and risk map view options to best address the needs of the user.

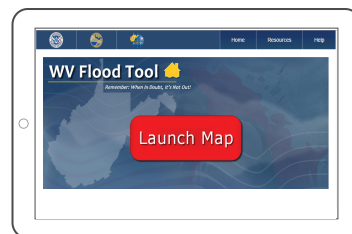
- ▶ View high-resolution aerial photography of urban areas at a zoomed-in map scale of 1:282 and 2' contours
- ▶ Link specific areas of the map to local floodplain managers or FEMA's online map service center to view official flood maps
- ▶ Display and query HAZUS 100-year flood event information to assist in mitigating flood risks
- ▶ Share links to Flood Tool map locations
- ▶ Display the approximate ground elevation with a vertical accuracy of +/- 10ft
- ▶ Provide detailed flood hazard information for advanced users including base flood, elevations, cross-sections, flood profiles, mitigated properties, stream names, advisory flood heights (AFH), and downloadable models
- ▶ Access on-the-go mobile and tablet applications



Desktop



Mobile



Tablet



West Virginia Department  
of Homeland Security  
and Emergency Management



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



FEMA

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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.



1 Click on RED LAUNCH TOOL button to launch application

2 Find your study area by typing your address into the SEARCH box or use NAVIGATION tools to zoom to location

3 QUERY information by clicking on the map. A query results box will appear on the right side of the screen

Views

Layers

Search Box

Tools

Navigation

Query Results

View flood information by clicking on the map

Address  
Parcel  
Coordinate  
GNIS Name  
City  
County  
USGS Quad

Flood Hazard Area: Location is WITHIN the FEMA 100-year floodplain.  
Flood Zone: AE Stream: Simpson Creek  
Watershed (HUC8): West Fork (5020002)

FEMA Issued Flood Map: 54033C0167D  
Contacts: Harrison

CRS Information: N/A  
Location (long, lat): (80.263661 W, 39.290611 N)  
Location (UTM 17N): (563500, 4349284)  
Elevation: About 968 ft

Parcel Information: 23-73

Scale = 1:4,514  
-80.264087, 39.286701

© WVGIS to Leaf-Off Mixed-Resolution Imagery

Red areas (solid or line-filled) represent flood hazard areas

## Views

**Public View:** Make initial food hazard estimates

**Expert View:** Additional data for Floodplain Managers and informed citizens familiar with detailed flood maps.

**Risk MAP:** Information used by communities to reduce flood risk.

## Navigation

Zoom in and out, use the cursor to pan in any direction, or hold down the shift key and left-click to draw a box to zoom to a specific area.

Click on the image of West Virginia to zoom to statewide extent.

## Layers

**Flood:** Flood zone and other flood features. Change red opacity by moving slider to see underneath flood zones.

**Reference:** Add addresses, parcels, streets, state routes, streams, and contour lines to map view

**Basemap:** Chose from multiple basemaps including street maps or aerial imagery

## Search

Address  
Parcel  
Map Coordinates  
Geographic Place Name (GNIS)  
City  
County  
USGS Topo Quad.

## Query Results

Click on the map to display flood results.

The query results box will display relevant flood hazard status, elevation, location, official FIRM map access link, parcels (if available), and contact information.

If your area has a detailed FIRM study, you can click on the EXPERT view and compare ground elevation with the Base Flood Elevation (BEF).

## Tools

**Measure:** Measure distances and areas  
**Markup:** Add notes to a point marker  
**Eraser:** Erase markups or queries  
**Bookmark:** Create bookmarks on your computer  
**Share:** Create link to current map view  
**Print**