

WV Flood Tool Updates

Elevation Certificates

3/25/2020 Update

WV Flood Tool Updates

Elevation Certificates

Floodplain Managers are encouraged to published their Elevation Certificates to the WV Flood Tool

- Scan “Finished Construction” Elevation Certificates, preferably in color if pictures included, and email to WV GIS Technical Center.
- Name files with the Building Identifier naming convention: Full Parcel ID + Building Number (e.g., 39-04-0020-0038-0000_14466)



Elevation Certificates

Building ID: 39-04-0020-0079-0000_14815

The screenshot displays the WV Flood Tool interface. The main map shows an aerial view of a residential area with a building highlighted in yellow. A popup window titled "Elevation Certificate" is open, displaying the following information:

Elevation Certificate	
Certificate ID	540160-005
Top of Bottom Floor (ft)	1411.6
LAG (ft)	1410.0
Parcel #	39-04-0020-0079-0000
Building ID	39-04-0020-0079-0000_14815
Address	14815 George Washington Highway Rowlesburg, West Virginia 26425
Location	(-79.677472, 39.321889)
Certified Year	2012
PDF Certificate	Link
Zoom to	

To the right of the map is a "Flood Query Panel" with the following details:

- Flood Hazard Area: Location is WITHIN the FEMA 100-year floodplain.
- Flood Zone: AE
- Stream: Cheat River
- Watershed (HUC8): Cheat (5020004)
- FEMA's Flood Map: 54077C0408D
- Map Effective Date: 6/5/2012
- Contacts: Preston
- Flood Height: 1421 ft (BFE - Non-Restudy)
- Water Depth: About 9.7 ft (Source: HEC-RAS)
- HEC-RAS Model: N/A
- Flood Profile: 54077_040
- Community: Preston County
- CID: 540160 CRS Class: 10
- Location (lat, long): (39.321882, -79.677426)
- Location (UTM 17N): (4353330, 614006)
- Elevation: About 1409 ft (Source: WVDEP 2010-11)
- Address: 14815 GEORGE WASHINGTON HWY, ROWLESBURG, WV, 26425
- Parcel: 39-04-0020-0079-0000
- Related Resources: Flood Risk Assessment, 3D Flood Visualization

At the bottom of the page, a URL is provided: <https://www.mapwv.gov/flood/map/?wkid=102100&x=-8869658&y=4767887&l=12&v=1>



Elevation Certificates



Elevation Certificates provided by Floodplain Managers are published to EXPERT & RiskMAP Views

Marion
Elevation Certificate

Certificate ID	540004-001
Top of Bottom Floor (ft)	1308.90
LAG (ft)	1312.80
Parcel #	01-08-0011-0069-0000
Building ID	604:01-08-0011-0069-0000
Address	604 S MAIN ST Philippi, West Virginia 26416
Location	(-80.033538,39.144688)
Certified Year	2014
PDF Certificate	Link

[Zoom to](#)

Preston

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

Flood Zone: AE

Stream: Anglins Run

Watershed (HUC8): Tygart Valley (5020001)

FEMA's Flood Map: [54001C0118C](#) [NFHL](#)

Map Effective Date: 5/3/2011

Contacts: [Barbour](#)

Flood Height: Refer to FIS report for BFE [More Info](#)

Water Depth: N/A

HEC-RAS Model: N/A [All Models](#)

Flood Profile: [54001_001](#)

Community: City of Philippi
CID: 540004 CRS Class: 8

Location (lat, long): (39.144694, -80.033535)

Location (UTM 17N): (4333277, 583518)

External Viewers:

Elevation: About 1315 ft (Source: [SAMS 2003](#))

Address : 604 S MAIN ST, PHILIPPI, WV, 26416

Parcel : [01-08-0011-0069-0000](#) | [Assessment](#)

Flood Risk Information [Related Resources](#)

Flood Risk Assessment N/A

3D Flood Visualization No Depth Grid Available

Elevation Certificates

A6. Attach at least 2 photographs of the building used to obtain flood insurance.

A7. Building Diagram Number **Diagram 7**

A8. For a building with a crawlspace or enclosure(s):

- a) Square footage of crawlspace or enclosure(s) 750 sq ft
- b) No. of permanent flood openings in the crawlspace or enclosure(s) within 1.0 foot above adjacent grade GARAGE DOOR IN BASEMENT
- c) Total net area of flood openings in A8.b 1296 sq in
- d) Engineered flood openings? Yes No 9' GARAGE DOOR

A9. For a building with an attached garage: N/A

- a) Square footage of attached garage _____ sq ft
- b) No. of permanent flood openings in the attached garage within 1.0 foot above adjacent grade _____
- c) Total net area of flood openings in A9.b _____ sq in
- d) Engineered flood openings? Yes No

SECTION B - FLOOD INSURANCE RATE MAP (FIRM) INFORMATION

B1. NFIP Community Name & Community Number <u>PRESTON COUNTY 540160</u>		B2. County Name <u>PRESTON</u>		B3. State <u>WV</u>	
B4. Map/Panel Number <u>5407160408</u>	B5. Suffix <u>D</u>	B6. FIRM Index Date <u>6/21/10</u>	B7. FIRM Panel Effective/Revised Date <u>6/21/10</u>	B8. Flood Zone(s) <u>AE</u>	B9. Base Flood Elevation(s) (Zone AO, use base flood depth) <u>1421.0</u>

B10. Indicate the source of the Base Flood Elevation (BFE) data or base flood depth entered in Item B9.
 FIS Profile FIRM Community Determined Other (Describe) **BFE**

B11. Indicate elevation datum used for BFE in Item B9: NGVD 1929 NAVD 1988 Other (Describe)

B12. Is the building located in _____? Yes No
 Designation Date **Building ID: 39-04-0020-0079-0000_14815**

SECTION C - BUILDING ELEVATION INFORMATION (SURVEY REQUIRED)

C1. Building elevations are based on: Construction Drawings* Building Under Construction* Finished Construction
 *A new Elevation Certificate will be required when construction of the building is complete.

C2. Elevations – Zones A1-A30, AE, AH, A (with BFE), VE, V1-V30, V (with BFE), AR, AR/A, AR/AE, AR/A1-A30, AR/AH, AR/AO. Complete Items C2.a-h below according to the building diagram specified in Item A7. Use the same datum as the BFE.

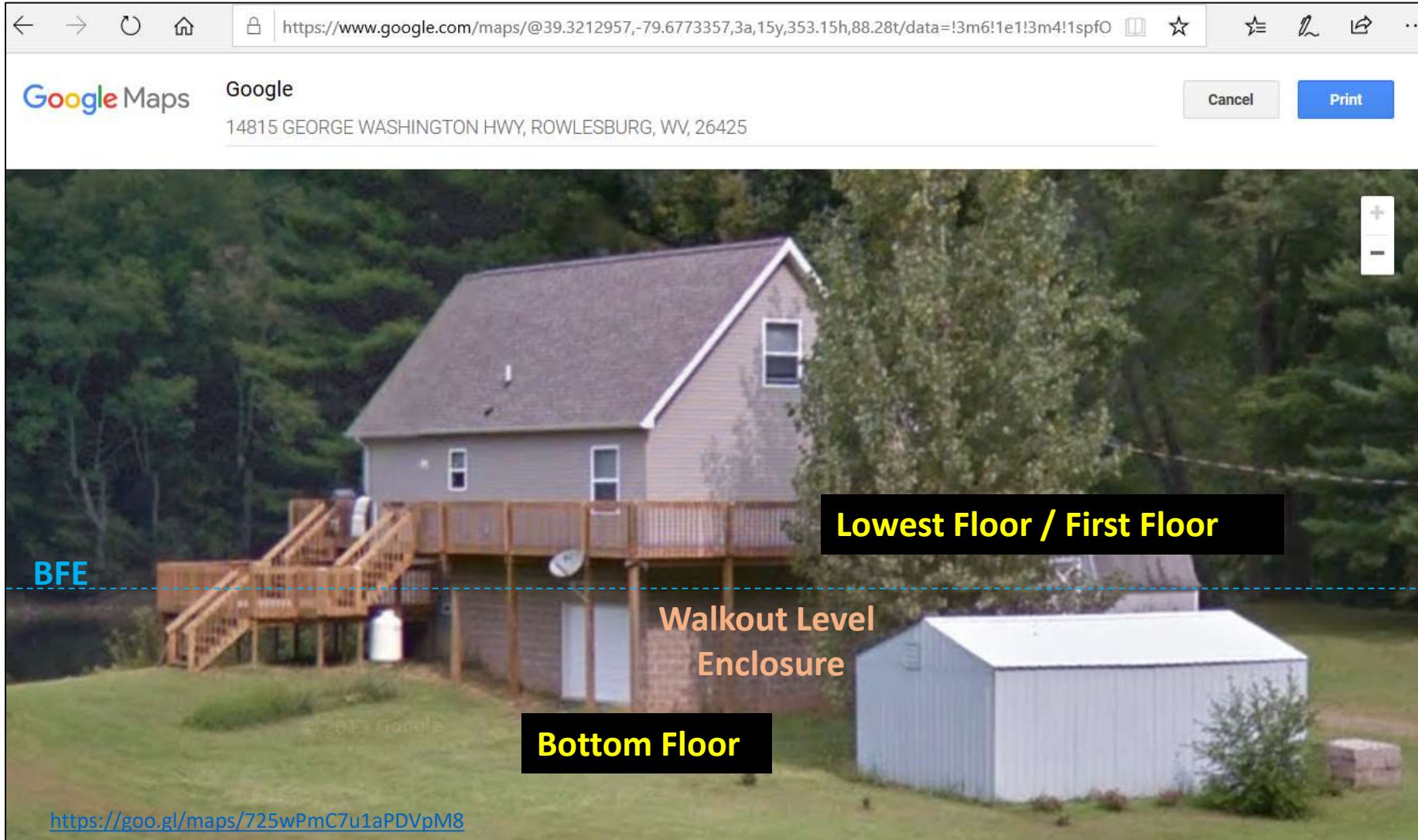
Benchmark Utilized USGS Vertical Datum NAVD 1988
 Conversion/Comments USED BENCHMARK ON U.S. ROUTE 50 BRIDGE OVER CHEAT RIVER (CONVERTED TO NAVD 1988)

Check the _____ meters (Puerto Rico only)

- a) Top of bottom floor (including basement, crawlspace, or enclosure floor) 1411.6 feet **Bottom Floor**
- b) Top of the next higher floor 1422.8 feet
- c) Bottom of the lowest horizontal structural member (V Zones only) N/A feet
- d) Attached garage (top of slab) N/A feet
- e) Lowest elevation of machinery or equipment servicing the building (Describe type of equipment and location in Comments) 1422.8 feet **Lowest Floor**
- f) Lowest adjacent (finished) grade next to building (LAG) 1410.0 feet meters (Puerto Rico only)
- g) Highest adjacent (finished) grade next to building (HAG) 1414.0 feet meters (Puerto Rico only)
- h) Lowest adjacent grade at lowest elevation of deck or stairs, including structural support 1409.0 feet meters (Puerto Rico only)

Elevation Certificates

Building ID: 39-04-0020-0079-0000_14815



Elevation Certificates are beneficial for Floodplain Management and Risk Assessments