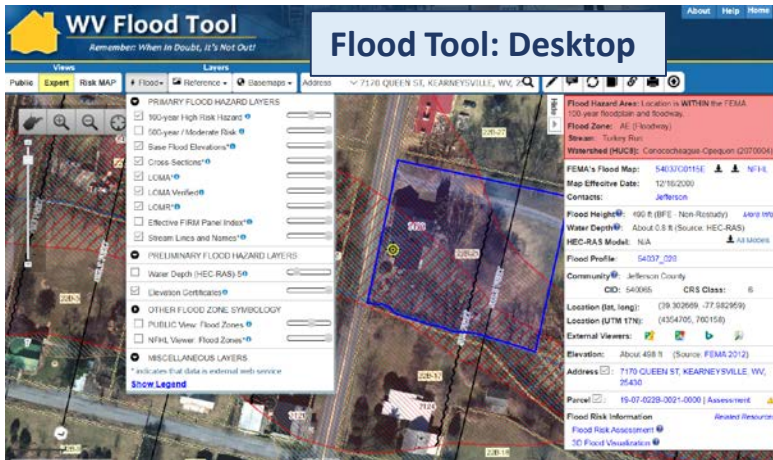


WV Flood Tool

10/11/2020



(1) Flood Tool: Desktop Version
<https://www.mapwv.gov/flood>

(2) Flood Tool: Mobile Version
<https://www.mapwv.gov/flood/mmap>

Public resource applications that support floodplain management and flood reduction activities

(3) Property Search and Assessment Report

<https://www.mapwv.gov/property>

Search Options: Hide Basic Appraisal/Sales Advanced Prior Ownership (Hover over input fields to view help)

County: **39-Preston** District: All Full Parcel ID:

Owner Name: Map Number: Property Class: All

Street Name: Parcel: Tax Class: All

Sub-Parcel: Land Use: All

Appraisal

Min Land Appr: 0 Min Building Appr: **50000** Min Calc Acres: 0 Sale From: 1/1/1800

Max Land Appr: 99,999,999 Max Building Appr: 99,999,999 Max Calc Acres: 99,999 Sale Through: 2/23/2020

Min Total Appr: 0 Min Price: 0 Min Deeded Acres: 0

Max Total Appr: 99,999,999 Max Price: 99,999,999 Max Deeded Acres: 99,999

Advanced

Flood Hazard: **High**

Mailing Address:

Legal Description:

Query search on flood hazard zones and state assessment records

- New development
- Prior ownership

Root Parcel ID	Current Owner	Property Address	Land Appraised	Total Appraisal
39100010004200000000	MENZIE BENJAMIN J & LESA Y	2768 HILEMAN RD	\$32,000	\$347,300
39020019004400040000	WV UNIVERSITY BOARD OF GOVERNORS	KINGWOOD PRCE	\$799,800	\$5,493,100
39030005001500100000	COMPTON KYLE & LEWIS KAYLA	434 BINKENBERGER RD	\$34,300	\$113,300
3920004000000000000000	SHAFFER GEORGE M & HANLEY L	3777 SALTLOCK RD	\$21,600	\$113,600
392000400000000000000000	WILSON CHRISTOPHER J & HARRY L	429 OAK ST	\$6,600	\$127,600
392000300020000000000000	HAWKINS JUSTIN TYLER	421 BIRCH CREEK RD	\$25,300	\$102,900

WV Real Estate Assessment Data

Parcel ID: 39-10-0010-0042-0005 Tax Year: 2019 County: Preston Date: 2/23/2020

Root PID: 39100010004200050000

Property Owner and Mailing Address

Owner(s): MENZIE BENJAMIN J & LESA Y

Mailing Address: 2768 HILEMAN RD, BRUCTION MILLS, WV 26525

Property Location

Physical Address: 2768 HILEMAN RD

E-911 Address: ---

Parcel ID: 39-10-0010-0042-0005

County: 39 - Preston

District: 10 - Grant District

Map: 0010 (Click for map)

Parcel No.: 0042

Parcel Suffix: 0005

Map View Link: <https://mapwv.gov/parcel/?pid=39-10-0010-0042-0005>

General Information

Tax Class	Book / Page	Deeded Acres	Calculated Acres	Legal Description
2	790 / 820	11.030	11.02	SLUR 11.03 LAURAL RUN
				11.02

Cost Value

Value Type	Value	Appraisal Value
Dwelling Value	\$308,900	\$32,000
Other Bldg/Yard Values	\$6,400	\$315,300
Commercial Value	---	Total Appraisal \$347,300

Building Information

Property Class: R - Residential

Land Use: 101 - Residential 1 Family

Sum of Structure Areas: 2,363

of Buildings (Cards): 1

Card	Year Built	Stones	CG	Architectural Style	Exterior Wall	Basement Type	Square Footage (SFLA)	Building Value
1	2018	1	3P		Frame	Crawl	2,363	\$308,900
								2,363 \$308,900

Web Parcel Report

WV Flood Tool

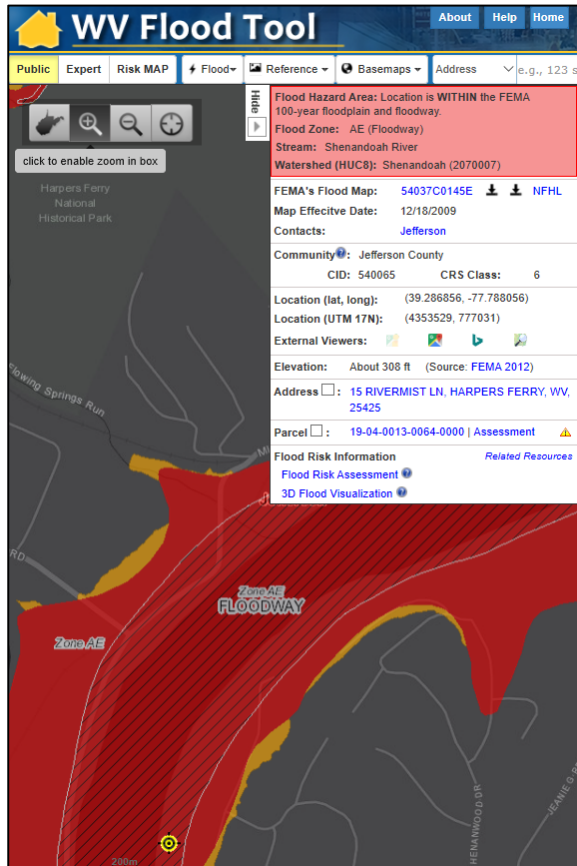
Flood Tool Views

(www.mapwv.gov/flood)

- **Public View** for general public
- **Expert View** for floodplain managers
- **RiskMAP View** for flood risk planners

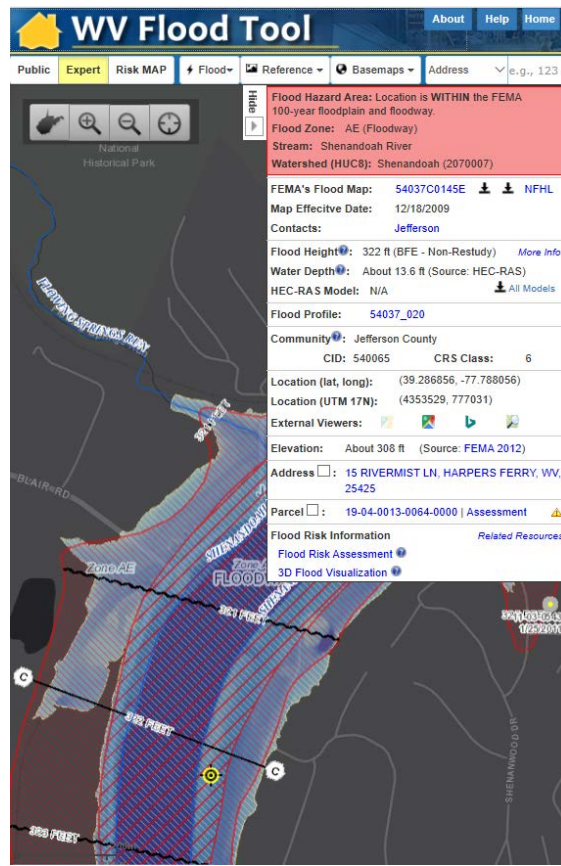
WV Flood Tool Views

Public View



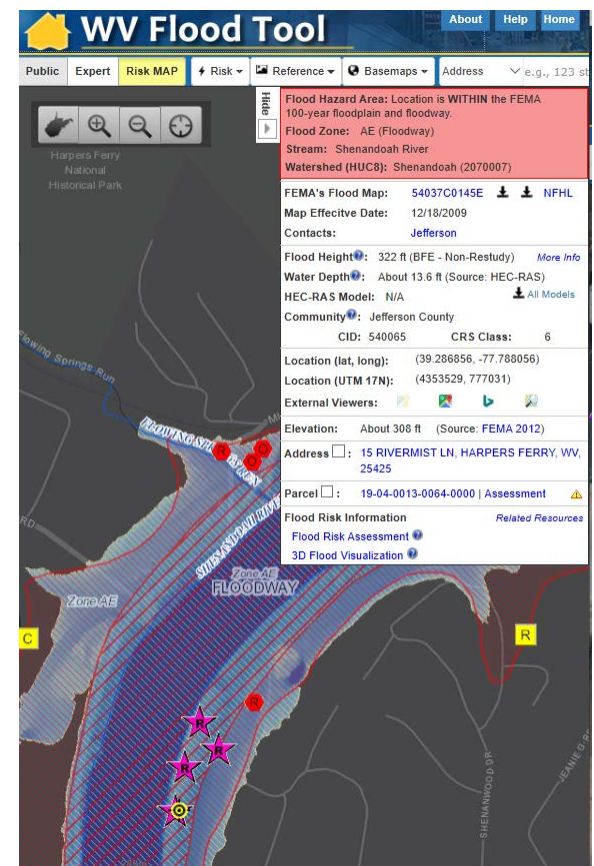
Quick Determination if
IN or Out of Flood Zone

Expert View



Floodplain Management and
Permits, Disaster Assessments

RiskMAP View



Building-Specific
Flood Risk Assessments

WV Flood Tool – Public View

WV Flood Tool
Remember: When In Doubt, It's Not Out!

Views: **Public** | Expert | Risk MAP

Layers: Flood | Reference | Basemaps

Search: Address: 7170 QUEEN ST, KEARNEYSVILLE, WV, 25430

Tools: [Map Tools]

100-Yr High Risk Flood Zone
FEMA Effective Floodplain
- Floodway (Red with diagonal lines)
- Flood Hazard Zone (Red)
High Risk Advisory Flood Zones
- High Risk Advisory Zone (Orange)

Information Panel:
Flood Hazard Area: Location is **WITHIN** the FEMA 100-year floodplain and floodway.
Flood Zone: AE (Floodway)
Stream: Turkey Run
Watershed (HUC8): Conococheague-Opequon (2070004)
FEMA's Flood Map: 54037C0115E | Download | NFHL
Map Effective Date: 12/18/2009
Contacts: Jefferson
Community: Jefferson County
CID: 540065 | CRS Class: 6
Location (lat, long): (39.302686, -77.982893)
Location (UTM 17N): (4354707, 760164)
External Viewers: [Social Media Icons]
Elevation: About 498 ft (Source: FEMA 2012)
Address: 7170 QUEEN ST, KEARNEYSVILLE, WV, 25430
Parcel: 19-07-022B-0021-0000 | Assessment | Assessment Icon
Flood Risk Information: [Flood Risk Assessment](#) | [3D Flood Visualization](#) | [Related Resources](#)

Public View

<https://www.mapwv.gov/flood/map/?v=0&pid=19-07-022B-0021-0000>

WV Flood Tool – Expert View

WV Flood Tool
Remember: When In Doubt, It's Not Out!

Views: Public, **Expert**, Risk MAP

Layers: Flood, Reference, Basemaps

Search: Address 7170 QUEEN ST, KEARNEYSVILLE, WV, 2

Tools: [Icons for various map functions]

PRIMARY FLOOD HAZARD LAYERS

- 100-year High Risk Hazard
- 500-year / Moderate Risk
- Base Flood Elevations*
- Cross-Sections*
- LOMA*
- LOMA Verified
- LOMR*
- Effective FIRM Panel Index*
- Stream Lines and Names*

PRELIMINARY FLOOD HAZARD LAYERS

- Water Depth (HEC-RAS)-5
- Elevation Certificates

OTHER FLOOD ZONE SYMBOLOGY

- PUBLIC View: Flood Zones
- NFHL Viewer: Flood Zones*

MISCELLANEOUS LAYERS

* indicates that data is external web service
[Show Legend](#)

Flood Hazard Area: Location is **WITHIN** the FEMA 100-year floodplain and floodway.
Flood Zone: AE (Floodway)
Stream: Turkey Run
Watershed (HUC8): Conococheague-Opequon (2070004)

FEMA's Flood Map: 54037C0115E | NFHL
Map Effective Date: 12/18/2009
Contacts: Jefferson

Flood Height: 499 ft (BFE - Non-Restudy) [More Info](#)
Water Depth: About 0.8 ft (Source: HEC-RAS)
HEC-RAS Model: N/A | [All Models](#)

Flood Profile: 54037_028

Community: Jefferson County
CID: 540065 | **CRS Class:** 6

Location (lat, long): (39.302669, -77.982959)
Location (UTM 17N): (4354705, 760158)

External Viewers: [Social media icons]

Elevation: About 498 ft (Source: FEMA 2012)

Address: 7170 QUEEN ST, KEARNEYSVILLE, WV, 25430

Parcel: 19-07-022B-0021-0000 | Assessment

Flood Risk Information [Related Resources](#)
[Flood Risk Assessment](#)
[3D Flood Visualization](#)

Expert View

WV Flood Tool – RiskMAP View

WV Flood Tool
Remember: When In Doubt, It's Not Out!

Public Expert **Risk MAP** Risk Reference Basemaps Address 7170 QUEEN ST, KEARNEYSVILLE, WV, 26 Search Tools

Click on each tab to view information

Address	Parcel	Risk
Flood Exposure for Building: 19-07-022B-0021-0000_7170		
Building Replacement Cost	\$284,300	
Content Cost	\$142,150	
Building Info	Area: 4,006 sq ft Stories: 2	
Occupancy Class	RES1 (Single Family Dwelling)	
Year Built	1900 (Pre-FIRM)	
Foundation Type	Basement	
First Floor Height	4.0 ft above ground	
Water Depth-in-Structure	-3.4 ft (Subgrade Basement or Below LF)	
Flood Damage Estimates for Building: 19-07-022B-0021-0000_7170		
Building Damage Pct	4%	
Building Loss USD	\$11,372	
Content Damage Pct	3%	
Content Loss USD	\$4,066	
Inventory Damage Pct	0%	

Flood Hazard Area: Location is WITHIN the FEMA 100-year floodplain and floodway.
Flood Zone: AE (Floodway)
Stream: Turkey Run
Watershed (HUC8): Conococheague-Opequon (2070004)

FEMA's Flood Map: 54037C0115E NFHL
Map Effective Date: 12/18/2009
Contacts: Jefferson

Flood Height: 499 ft (BFE - Non-Restudy) More Info
Water Depth: About 0.8 ft (Source: HEC-RAS)
HEC-RAS Model: N/A All Models
Community: Jefferson County
CID: 540065 CRS Class: 6

Location (lat, long): (39.302669, -77.982911)
Location (UTM 17N): (4354705, 760163)

External Viewers: [Icons for various viewing options]

Elevation: About 498 ft (Source: FEMA 2012)

Address: 7170 QUEEN ST, KEARNEYSVILLE, WV, 25430
Parcel: 19-07-022B-0021-0000 | Assessment

Flood Risk Information Related Resources
Flood Risk Assessment
3D Flood Visualization

RiskMAP View

@WVGISTC Leaf-Off Mixed-Resolution Imagery

<https://www.mapwv.gov/flood/map/?v=1&pid=19-07-022B-0021-0000>

Flood Query Results Panel

#	Each Location Query Answers:
1	In Flood Hazard Area? Flood Zone? Floodway?
2	Stream & Watershed names?
3	FEMA Issued Flood Map / NFHL links?
4	Floodplain Manager Contact?
5	Flood Height value & Vertical Datum?
6	Water Depth value and source?
7	HEC-RAS Model available?
8	Flood Profile available?
9	CRS community information?
10	Coordinate x,y location?
11	External Map Viewer Links?
12	Ground elevation value and source?
13	E-911 Address (link to address info)
14	Parcel ID (link to property info)
15	Flood risk assessment info?
16	3D flood visualization?



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

2 Flood Zone: AE (Floodway)

3 Stream: Turkey Run

4 Watershed (HUC8): Conococheague-Opequon (2070004)

5 FEMA's Flood Map: [54037C0115E](#) [NFHL](#)

6 Map Effective Date: 12/18/2009

7 Contacts: **4** [Jefferson](#)

8 Flood Height: 495.6 ft (BFE - Non-Restudy) NAVD88

9 Water Depth: About 2.4 ft (Source: HEC-RAS) **6**

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

11 Flood Profile: [54037_028](#) **8**

12 Community: Jefferson County

13 CID: 540065 CRS Class: 6

14 Location (lat, long): (39.302764, -77.983755) WGS84

15 Location (UTM 17N): (4354713, 760089) WGS84

16 External Viewers: **11**

17 Elevation: 493.1 ft (Source: FEMA 2012) NAVD88

18 Address: [54 KING ST, Kearneysville, WV, 25430](#)

19 Parcel: [19-07-022B-0022-0000](#) | Assessment

20 Flood Risk Information **15** [Related Resources](#)

21 [Flood Risk Assessment](#)

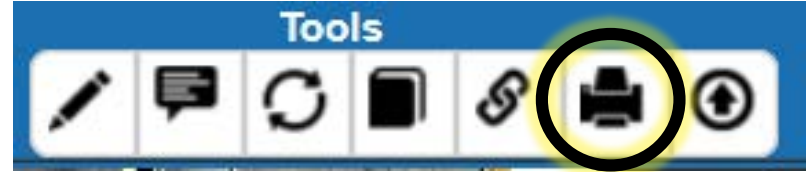
22 [3D Flood Visualization](#) **16**

Print Out for Permits, LOMAs, etc.

WV Flood Map



<p>This map is not the official regulatory FIRM or DFIRM. Its purpose is to assist with determining potential flood risk for the selected location.</p>	
<p>Zone AE 1-Percent-Annual-Chance Flood Hazard Area With Base Flood Elevation (BFE)</p> <p>Floodway Regulatory Floodway in AE Zone</p> <p>Zone A 1-Percent-Annual-Chance Flood Hazard Area Without BFE (may have Advisory Flood Heights)</p> <p>Advisory 1-Percent-Annual-Chance High Risk Advisory</p> <p>Download the Full Legend for all flood tool symbols http://www.mapsv.gov/flood/map/docs/wv_flood_tool_legend.pdf</p> <p>Disclaimer: The online map is for use in administering the National Flood Insurance Program. It does not necessarily identify all areas subject to flooding, particularly from local drainage sources of small size. Refer to the official Flood Insurance Study (FIS) for detailed flood elevation data in flood profiles and data tables. WV Flood Tool (https://www.mapsv.gov/flood/) is supported by FEMA, WV NFIP Office, and WV GIS Technical Center.</p>	<p>Flood Info Location <i>Map created on 2/20/2020</i></p> <p>User Print Test Notes</p> <p>Flood Hazard Area Location is WITHIN the FEMA 100-year floodplain and floodway.</p> <p>Flood Zone AE (Floodway)</p> <p>Stream Turkey Run</p> <p>Watershed (HUC8) Conococheague-Opequon (2070004)</p> <p>Flood Height 499 ft (Source: BFE - Non-Restudy)</p> <p>Water Depth About 0.6 ft (Source: HEC-RAS)</p> <p>Elevation About 498 ft (Source: FEMA 2012)</p> <p>Community & ID Jefferson County (ID: 540065)</p> <p>FEMA Map & Date 54037C0115E; Effective Date: 12/18/2009</p> <p>Location (lat, long) (39.302700, -77.982894)</p> <p>Parcel ID 19-07-022B-0021-0000</p> <p>E-911 Address 7170 QUEEN ST, KEARNEYSVILLE, WV, 25430</p>



Print Flood Query Results

Flood Hazard Area	Location is WITHIN the FEMA 100-year floodplain and floodway.
Flood Zone	AE (Floodway)
Stream	Turkey Run
Watershed (HUC8)	Conococheague-Opequon (2070004)
Flood Height	499 ft (Source: BFE - Non-Restudy)
Water Depth	About 0.6 ft (Source: HEC-RAS)
Elevation	About 498 ft (Source: FEMA 2012)
Community & ID	Jefferson County (ID: 540065)
FEMA Map & Date	54037C0115E; Effective Date: 12/18/2009
Location (lat, long)	(39.302700, -77.982894)
Parcel ID	19-07-022B-0021-0000
E-911 Address	7170 QUEEN ST, KEARNEYSVILLE, WV, 25430

Building 19-07-022B-0021-0000_7170

WV Real Estate Assessment Data

[About](#) | [New Search](#) | [Structure Drawing](#)

Parcel ID: 19-07-022B-0021-0000 | Tax Year: 2018 | County: Jefferson
 Root PID: 1907022B002100000000

Property Owner and Mailing Address

Owner(s): [REDACTED]
 Mailing Address: 7170 QUEEN ST, KEARNEYSVILLE, WV 25430

Property Location

Physical Address: 7170 QUEEN ST
 E-911 Address: 7170 QUEEN ST 25430
 Parcel ID: 19-07-022B-0021-0000
 County: 19 - Jefferson
 District: 7 - Middleway District
 Map: [022B](#) (Click for PDF tax map)
 Parcel No.: 0021
 Parcel Suffix: 0000
 Map View Link: <https://mapwv.gov/parcel/?pid=19-07-022B-0021-0000>

General Information

Tax Class	Book / Page	Deeded Acres	Calculated Acres	Legal Description
2	1192 / 126	0.700	0.82	7/10 AC REININGER
		0.82		

Cost Value

Dwelling Value	\$269,300
Other Bldg/Yard Values	\$5,160
Commercial Value	---

Appraisal Value

Land Appraisal	\$36,500
Building Appraisal	\$274,500
Total Appraisal	\$311,000

Cost Value

Dwelling Value	\$269,300
Other Bldg/Yard Values	\$5,160
Commercial Value	---

Appraisal Value

Land Appraisal	\$36,500
Building Appraisal	\$274,500
Total Appraisal	\$311,000

Building Information

Property Class: R - Residential
 Land Use: 101 - Residential 1 Family
 Sum of Structure Areas: 4,006
 # of Buildings (Cards): 1

Main Building Information

Card	Year Built	Stories	Grade	Architectural Style	Exterior Wall	Basement Type	Square Footage (SFLA)	Building Value
1	1900	2	B+	Conventional	Frame	Part	4,006	\$269,300
							4,006	\$269,300

Other Building and Yard Improvements

Card #	Line	Type	Year Built	Grade	Units	Size	Area	Replace Cost	Adjusted Replace Cost
1	1	Frame or CB Detached Garage	1984	C	1	10x20	200	\$3,910	\$3,400
1	2	Four Side Closed Wood Pole Barn	1981	C	1	28x20	560	\$4,550	\$1,760

Outbuildings

Flood Zone Information

Acres (c.): 0.82 | Risk: **High**
 This parcel appears to be in a HIGH RISK flood hazard zone.

Sales History

Sale Date	Price	Sale Type	Book	Page
6/5/2017			1192	123
6/5/2017			1192	123
6/2/2017	\$343,250	Land and Buildings	1192	126

Web Parcel Assessment Report
 for Building Identification, Building Characteristics, and Cost Values

Building 19-07-022B-0021-0000_7170



West Virginia

Real Estate Assessment - Building Sketch

Building Sketch Diagram (main area and additions)

Jefferson County, District 7, Map 22B, Parcel 21

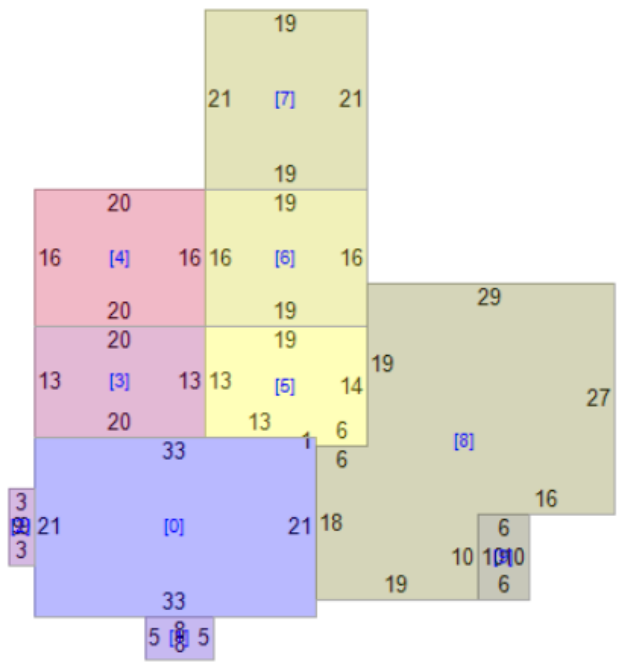
Parcel ID: 1907022B002100000000

Building: 1 of 1

Additions

#	Lower	First	Second	Third	Area	Value
0		Refer to Base Area Description			693	\$0
1	---	Masonry terrace	---	---	40	\$530
2	---	Frame bay window	---	---	27	\$1,040
3	---	One story frame	One half story frame	---	260	\$14,460
4	Basement unfinished	One story brick	One half story frame	---	320	\$21,260
5	---	One story frame	---	---	253	\$9,730
6	---	One story frame	---	---	304	\$11,690
7	---	Patio (concrete)	---	---	399	\$1,140
8	---	One story frame	---	---	1,021	\$39,250
9	---	Open frame porch	---	---	60	\$1,230

Show dimensions Show addition numbers



Building Sketches from parcel assessment records are available for all **Residential** and **Farm** properties. Very useful for Building Identification.

Data Privacy at State Level

West Virginia Statewide Parcel Files and Attributes in Public Domain: The local and state governments have the authority to share property owner names and addresses with the public (2017 Senate Bill 588). For example, West Virginia's parcel assessment data which includes names and addresses is publicly accessible; only sensitive information like phone numbers or security alarm information are redacted by the WV Property Tax Division before release. Both the WV Property Tax Division and county assessors are co-custodians of the parcel map files and assessment records. All the West Virginia parcel data and assessment information can be downloaded from the State Data Clearinghouse.

Building 19-07-022B-0021-0000_7170



Flood Tool External Link to Google Street View

Information Links

WV Flood Tool
Remember: When In Doubt, It's Not Out!

Views: Public, **Expert**, Risk MAP
Layers: Flood, Reference, Basemaps
Search: Address 7170 Queen Street, Kearneysville, WV 2
Tools: [Icons for pan, zoom, print, etc.]

Address | Parcel | Risk

Property Class Type	R - Residential
Land Use	101 - Residential 1 Family
Year Built	1900
Architectural Style	Conventional
Story Height	2
Exterior Wall	Frame
Construction Area(sq ft)	4006
Total Rooms	9
Basement Type	Part
Building (card) Number	-
# of main BLDGs (cards)	1

COST VALUES

Dwelling Value	\$279,000
Other Bldg/Yard Values	\$5,340

scale - 1 : 564
x: -77.982824, y: 39.302351

FEMA Flood Maps

Flood Profile

Street View Picture

Elevation Metadata

Property Info

Bldg. Flood Risk

Flood Visualization

Flood Hazard Area: Location is **WITHIN** the FEMA 100-year floodplain and floodway.
Flood Zone: AE (Floodway)
Stream: Turkey Run
Watershed (HUC8): Conococheague-Opequon (2070004)

FEMA's Flood Map: 54037C0115E | NFHL
Map Effective Date: 12/18/2009
Contacts: Jefferson

Flood Height: 499 ft (BFE - Non-Restudy) | More Info
Water Depth: About 0.7 ft (Source: HEC-RAS)
HEC-RAS Model: N/A | All Models
Flood Profile: 54037_028

Community: Jefferson County
CID: 540065 | **CRS Class:** 6

Location (lat, long): (39.302680, -77.982952)
Location (UTM 17N): (4354706, 760159)

External Viewers: [Icons for social media sharing]

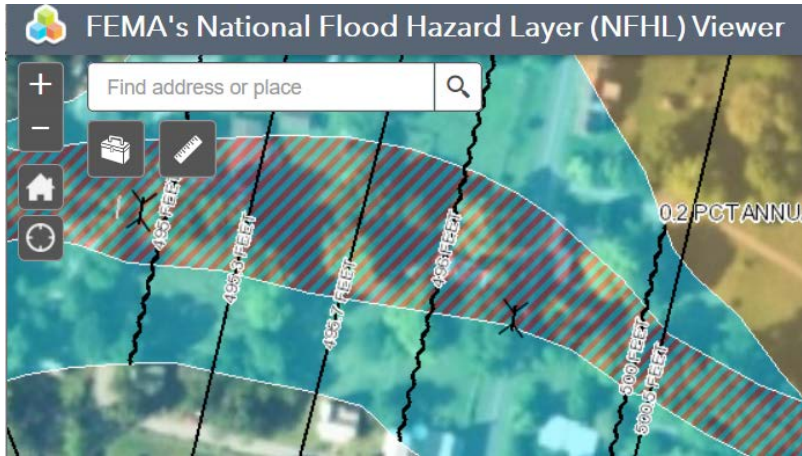
Elevation: About 498 ft (Source: FEMA 2012)

Address: 7170 QUEEN ST, KEARNEYSVILLE, WV, 25430
Parcel: 19-07-022B-0021-0000 | Assessment

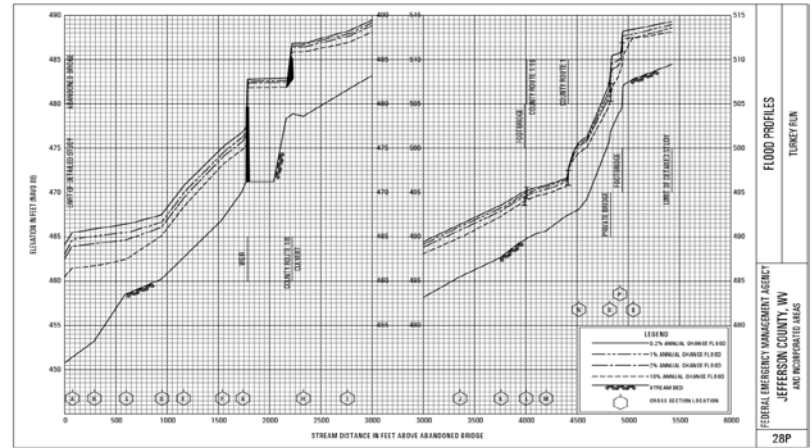
Flood Risk Information | Related Resources
Flood Risk Assessment
3D Flood Visualization

<https://www.mapwv.gov/flood/map/?v=1&pid=19-07-022B-0021-0000>

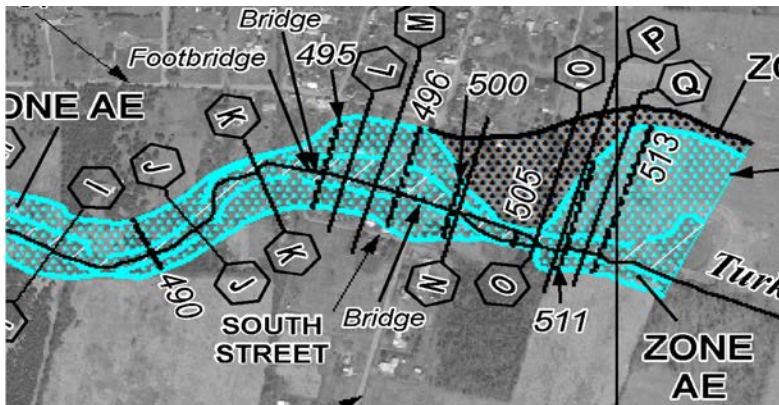
Information Links



FEMA's NFHL Viewer



Flood Profile



FEMA Issued Flood Map

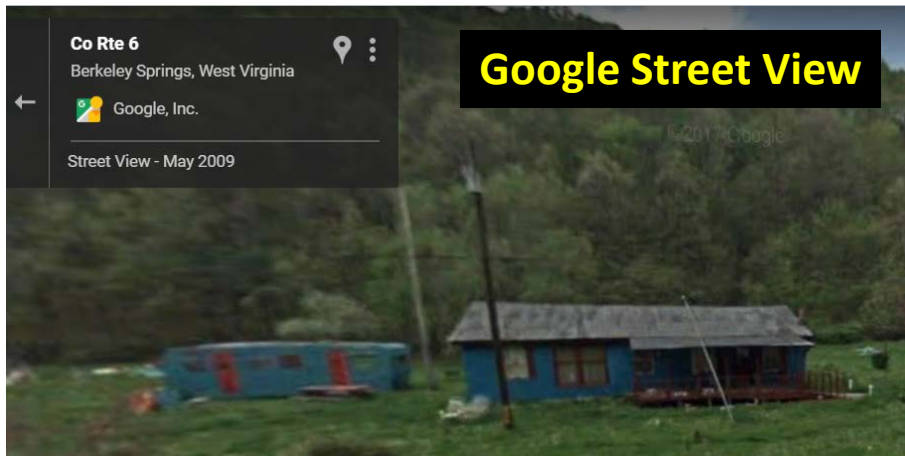


Street View Image

Building 19-07-022B-0021-0000_7170

<https://www.mapwv.gov/flood/map/?v=1&pid=19-07-022B-0021-0000>

High-Risk Advisory A Zone



Cost Value		Appraisal Value	
Dwelling Value	\$16,500	Land Appraisal	\$26,600
Other Bldg/Yard Values	\$2,630	Building Appraisal	\$19,100
Commercial Value	---	Total Appraisal	\$45,700

Building Information	
Property Class	R - Residential
Land Use	101 - Residential 1 Family
Sum of Structure Areas	1,056
# of Buildings (Cards)	1

Card	Year Built	Stories	Total Rooms	Grade	Architectural Style	Exterior Wall	Basement Type	Square Footage (SFLA)
1	1982	1	9	E	Other	Frame	None	1,056
								1,056

Other Building and Yard Improvements									
Bldg/ Card #	Line	Type	Year Built	Grade	Units	Size	Area	Replace Cost	Adjusted Replace Cost
1	3	Frame Utility Shed	2006	D	1	16x20	320	\$2,070	\$2,630
						1	320	\$2,070	\$2,630

Flood Zone Information	
Acres (c.)	Risk
2.57	High This parcel appears to be in a HIGH RISK flood hazard zone.

Google Street View

Web Parcel Report

Parcel ID: 33-01-0010-0033-0000

3D Flood Model

Flood Visualization

Depth

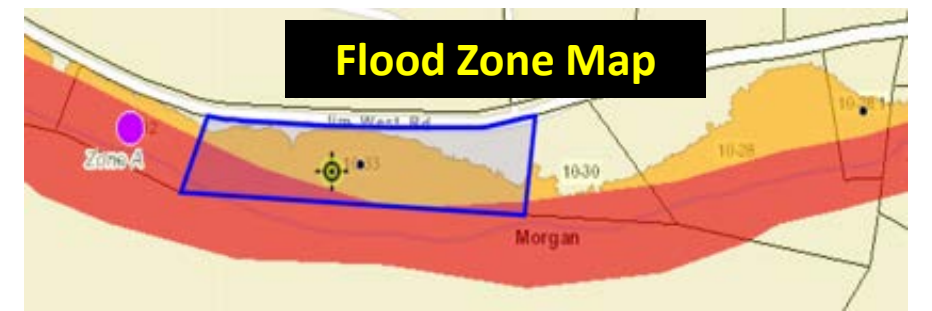
- 0 Foot
- 1 Foot
- 2 Feet
- 3 Feet
- 4 Feet
- 5 Feet
- 6 Feet
- 7 Feet
- 8 Feet
- 9 Feet
- 10 Feet
- 11 Feet
- 12 Feet
- 13 Feet

Parcel ID: 33-01-0010-0033-0000 Water Depth: ~ 1.6 ft (HEC-RAS)

General Damage - Woodwork, doors, and most appliances damaged. When 2 feet of water is in the living space and the walls are wet it is classified as a Major Emergency by the WV Division of Homeland Security and Emergency Management (WV DHSEM).

Appliances - Most appliances (refrigerator, stove, dishwasher, washer, dryer) are a total loss between 1.0 and 2.0 feet of water.

Vehicles - 2.0 feet of water, especially quickly flowing flood waters, can float a larger vehicle such as a pickup truck. As little as 1.5 feet can float a small vehicle.



WV Flood Tool

3D Flood Visualizations

RiskMAP View – 3D Visualization

Click on each tab to view information

Address Parcel Risk

Exposure Replacement Cost (BI)

Building Replacement Cost \$156,882

Content Cost \$108,165

Building Area 1,232 sq ft

Hazus Occupancy Code RES1

Building Exposure

Number of Stories 2

Year Built 1920

Building Construction Brick

Building Condition Low

Building Foundation Basement

First Floor Ht 4 ft above ground

Damage Estimates (UDF)

Building Damage Pct 57%

Building Loss USD \$88,834

Content Damage Pct 54%

Content Loss USD \$42,701

HAZUS Loss Estimate



Flood Depth – 3D Visualization



Street View Image

Building 7170:19-07-022B-0021-0000

3D Visualization

7170 QUEEN ST, KEARNEYSVILLE, WV, 25430

Depth

[0 Foot](#)

[1 Foot](#)

[2 Feet](#)

[3 Feet](#)

[4 Feet](#)

[5 Feet](#)

[6 Feet](#)

[7 Feet](#)

[8 Feet](#)

[9 Feet](#)

[10 Feet](#)

[11 Feet](#)

[12 Feet](#)

[13 Feet](#)

[14 Feet](#)



3D Flood
Visualization

Parcel ID: 19-07-022B-0021-0000

Water Depth: ~ 0.8 ft (HEC-RAS)

[Google Map](#) 

General Damage - Furniture, insulation, walls, electrical outlets damaged.

Exterior Wall/Facade - Painted exterior walls will have to be painted at 0.5 foot to 1.0 foot of water as a result of staining. Walls will have to be painted completely because of the inability to match weather-worn paint. Modern stucco facade materials are destroyed when water gets behind the stucco material, which can occur at 0.5 foot of floodwater. Brick veneer will require cleaning.

Windows - Includes window frames and panes, as well as structural window frames. These items can sustain some water around them, but by 0.5 feet of floodwater they will need to be completely restored or replaced.

Mobile Home Ductwork - Underfloor ductwork found in mobile homes and is damaged completely at 0.5 foot of floodwater.

3D Flood Visualizations

Visualizations are easier for non-technical users to understand flood risks to their property in feet of water rather than comprehending the adjacent base flood elevation

1-Story Home

Depth: 0 Foot, 1 Foot, 2 Feet, 3 Feet, 4 Feet, 5 Feet, 6 Feet, 7 Feet, 8 Feet, 9 Feet, 10 Feet, 11 Feet, 12 Feet, 13 Feet

Parcel ID: 02-06-0006-0059-0001 Water Depth: ~ 13.4 Ft (EQL)

Second Floor Damage - Similar to first floor damage

Mobile Home

Depth: 0 Foot, 1 Foot, 2 Feet

Parcel ID: 02-04-0117M-0020-0000 Water Depth: ~ 1.7 Ft (EQL)

General Damage - Woodwork, doors, and most appliances damaged when 2 feet of water is in the area and it is classified as a Major Emergency by the WV Division of Homeland Security and Emergency Management (DHSEM).

Appliances - Most appliances (refrigerator, stove, dishwasher, washer, dryer) are a total loss due to water damage.

Vehicles - 2.0 feet of water, especially quickly flowing flood waters, can float a larger vehicle such as a truck. 1.5 feet can float a small vehicle.

Commercial

Depth: 0 Foot, 1 Foot, 2 Feet, 3 Feet, 4 Feet, 5 Feet, 6 Feet, 7 Feet, 8 Feet, 9 Feet, 10 Feet, 11 Feet, 12 Feet, 13 Feet, 14 Feet, 15 Feet

Parcel ID: 02-04-0117M-0020-0000 Water Depth: ~ 3.6 Ft (EQL)

Doors - Doors are a total loss due to water damage.

Floors - Floors are a total loss due to water damage.

Shelves - Shelves are a total loss due to water damage.

Netting - Netting is a total loss due to water damage.

Windows - Windows are a total loss due to water damage.

Countertops - Water comes over countertops.

2-Story Home

Depth: 0 Foot, 1 Foot, 2 Feet, 3 Feet, 4 Feet, 5 Feet, 6 Feet, 7 Feet, 8 Feet, 9 Feet, 10 Feet, 11 Feet, 12 Feet, 13 Feet, 14 Feet, 15 Feet

Parcel ID: 02-04-0117M-0020-0000 Water Depth: ~ 3.6 Ft (EQL)

Doors - Doors are a total loss due to water damage.

Floors - Floors are a total loss due to water damage.

Shelves - Shelves are a total loss due to water damage.

Netting - Netting is a total loss due to water damage.

Windows - Windows are a total loss due to water damage.

Countertops - Water comes over countertops.

"The 3D visualization is really cool. Our citizen comes to the counter and says 'there is no way there can be a flood like that.' Then we show them how much water you will get in your house and how much it will cost to repair it. The 3d visual is really good! And then we like the way you can click on a parcel ID and it brings up all the information as far as property owner, tax map and parcel number, deed book, page number - everything is right there. And the building information is really good too because it tells what the structure is made of, whether it has a basement - all the information that we would have to go to another system to pull is right there." Source: 3D Flood Visualization Comment from Debbie Robinson, Kanawha County Planning and Development Office

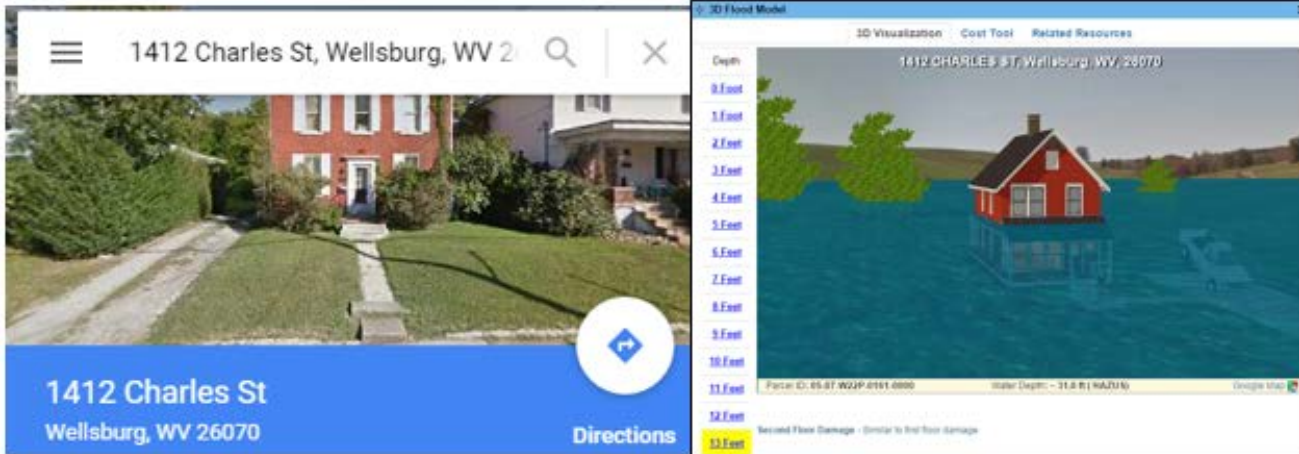
3D flood visualizations are available statewide for locations where **flood depth grids** exist. The parcel assessment data fields (land use, stories) are necessary to identify the correct property type: residential one- or two-story homes, mobile home, commercial/industrial, etc.

3D Flood Visualizations

Brooke County

<https://www.mapwv.gov/flood/map/?v=1&pid=05-07-W22P-0161-0000>

1412 Charles St, Wellsburg, WV, 26070, Parcel ID: 05-07-W22P-0161-0000



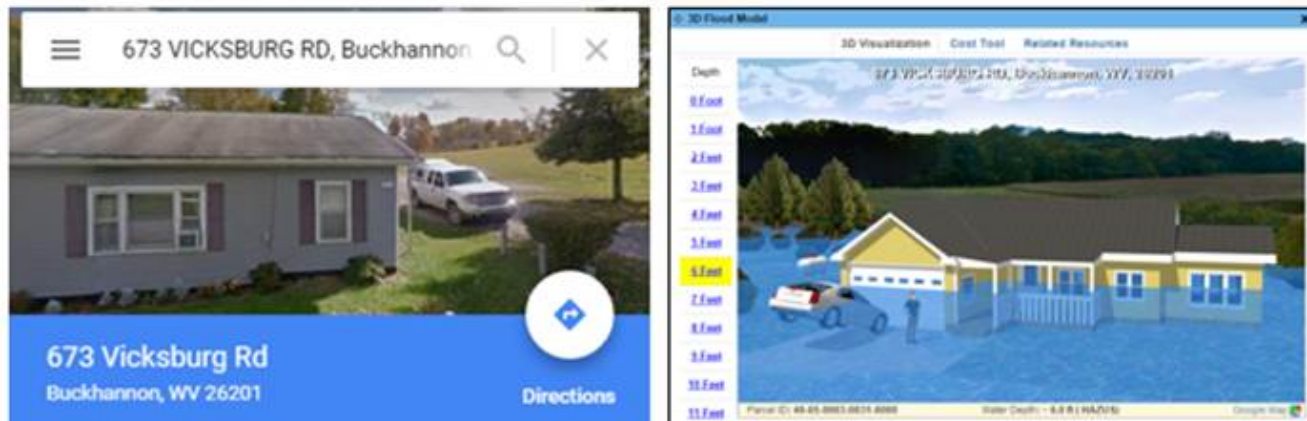
“This is the coolest thing ever....thank you!!!”

Source: 3D Flood Visualization Comment from Terri Jo Bennett, CFM, Upshur County Building Permit, Floodplain and Addressing and Mapping Coordinator

Upshur County

<https://www.mapwv.gov/flood/map/?v=0&pid=49-05-0003-0031-0000>

673 Vicksburg Rd, Buckhannon, WV, 26201, Parcel ID: 49-05-0003-0031-0000



3D Flood Visualization - Community

Basic Steps for Creating 3D Flood Visualizations

- Start with High-Resolution Digital Terrain Model
- Overlay High-Resolution Aerial Image
- Then add Streets
- Then add Building Footprints
- Extrude Building Footprints to Known Heights (“sugar-cube” 3D buildings)
- Generate Detailed 3D Building Models
- Photo-Texture the 3D Building Models
- Add Trees and other Landscape/Streetscape Features
- Add Flood Overlay (Riverine 1% Annual Chance Flood)

Source: NEMAC

The objective is to make the 3D visualizations as realistic as possible in a minimal amount of processing time



3D Flood Visualization - Community

WV Flood Tool
Remember: When In Doubt, It's Not Out!

About Help Home

Public Expert **Risk MAP** Flood Reference Basemaps

Search Address 197 Rodeo Dr, WV 25403

Tools

Baltimore Street, Martinsburg, WV

3D

3D Northwest View

WV Flood Tool Conceptual Slide

scale - 1:4,514
x: -77.967507, y: 39.464872

WV Flood Tool

Property Identification

Property Identification – Bldg. ID

WV Flood Tool
Remember: When In Doubt, It's Not Out!

Views: Public | Expert | Risk MAP | Flood | Reference | Basemaps

Layers: Flood | Reference | Basemaps

Search: 604 S Main Street, Philippi, WV

Tools: [Share Link Icon]

Address: 604 Main St, Philippi, WV 26416

Parcel ID: 01-08-0011-0069-0000

**Building ID:
(Parcel ID + Address No.)
01-08-0011-0069-0000_604**

X,Y COORD.

ADDRESS

PARCEL

SHARE LINK

Flood Hazard Area: Location is WITHIN the FEMA 100-year floodplain.
Flood Zone: AE
Stream: Anglins Run
Watershed (HUC8): Tygart Valley (5020001)

FEMA Issued Flood Map: 54001C0118C
Map Effective Date: 5/3/2011
Contacts: Barbour

Flood Height: Refer to FIS report for BFE
Water Depth: N/A
HEC-RAS Model: N/A
Flood Profile: 54001_001
Community: City of Philippi
CID: 540004 CRS Class: 8

Location (long, lat): (-80.033529, 39.144752)
Location (UTM 17N): (583519, 4333284)

External Viewers: [Icons]

Elevation: About 1315 ft. (Source: SAMS 2003)

Address: 604 S MAIN ST, PHILIPPI, West Virginia, 26416

Parcel ID: 01-08-0011-0069-0000

Flood Risk Information: Flood Risk Assessment N/A, 3D Flood Visualization No Depth Grid Available

Scale: 1:1,128
x: -80.033003, y: 39.144112
©WVGISTC Leaf-Off Mixed-Resolution Imagery

Share Link: <https://www.mapwv.gov/flood/map/?wkid=102100&x=-8909292&y=4742427&l=12&v=1>

Property Parcels and Assessment Reports

E-911 and County Assessor report location at 604 S Main Street

WV Real Estate Assessment Data

Parcel ID: 01-08-0011-0069-0000 Tax Year: 2019 County: Barbour Date: 3/25/2020
 Root PID: 01080011006900000000

Property Owner and Mailing Address

Owner(s):
 Mailing Address: 645 MAPLE AVE, PHILIPPI, WV 26416

Property Location

Physical Address: 604 S MAIN ST
 E-911 Address: 604 S MAIN ST PHILIPPI WV 26416
 Parcel ID: 01-08-0011-0069-0000
 County: 1 - Barbour
 District: 8 - Philippi Corp
 Map: 0011 (Click for PDF tax map)
 Parcel No.: 0069
 Parcel Suffix: 0000
 Map View Link: <https://mapwv.gov/parcel/?pid=01-08-0011-0069-0000>

Property Assessment Report

General Information

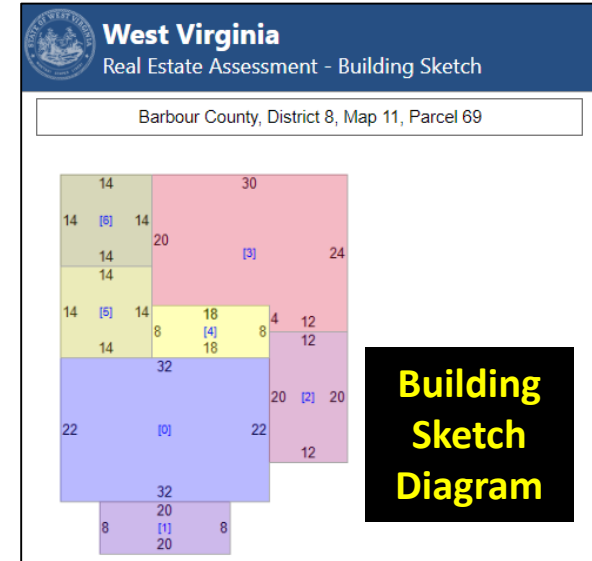
Tax Class	Book / Page	Deeded Acres	Calculated Acres	Legal Description
4	460 / 231	0.405	0.42	PT OF LOT 6, PARCEL, STRICKLER

Cost Value		Appraisal Value	
Dwelling Value	\$65,700	Land Appraisal	\$8,300
Other Bldg/Yard Values	\$0	Building Appraisal	\$65,700
Commercial Value	---	Total Appraisal	\$74,000

Building Information

Property Class: R - Residential
 Land Use: 101 - Residential 1 Family
 Sum of Structure Areas: 1,752
 # of Buildings (Cards): 1

Card	Year Built	Stories	CG	Architectural Style	Exterior Wall	Basement Type	Square Footage (SFLA)	Building Value
1	1946	2	2P	Conventional	Brick	Part	1,752	\$65,700
							1,752	\$65,700



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

Flood Zone: AE

Stream: Anglin 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): (39.144750, -80.033532)

Location (UTM 17N): (4333284, 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

Parcel Map

Share Link: <https://mapwv.gov/Assessment/Detail/?PID=01080011006900000000>

Unique Building Identifier

Collect multiple spatial identifiers to verify location

Parcel

01-08-0011-0069-0000

01	-	08	-	0011	-	0069	-	0000
County		District		Map		Parcel		Suffix

Address

604 S Main St, Philippi, West Virginia, 26416

 **Building Identifier**

01-08-0011-0069-0000_604

 **X,Y Coordinate**

39.144752, -80.033529

 **Google Plus Code (11-digit)**

86FX4XV8+VHF

 **Share MAP URL Link**

<https://www.mapwv.gov/flood/map/?wkid=102100&x=-8909292&y=4742427&l=12&v=1>

Share Parcel Assessment URL Link

<http://www.mapwv.gov/Assessment/Detail/?PID=01080011006900000000>

Notes: Owner Name from assessment records and Building Pictures (elevation certificates) can be helpful for property identification purposes

 = **Unique Identifiers**

Proper Building and Property Identifiers are important for exchanging building-level data efficiently among local, state, and federal partners (including UDFs, LOMAs, Mitigated Buyout Properties, Elevation Certificates, Repetitive Loss Structures, etc.)

Building Unique Identifier

10/11/2020

Parcel ID

01-08-0011-0069-0000

01	-	08	-	0011	-	0069	-	0000
County		District		Map		Parcel		Suffix

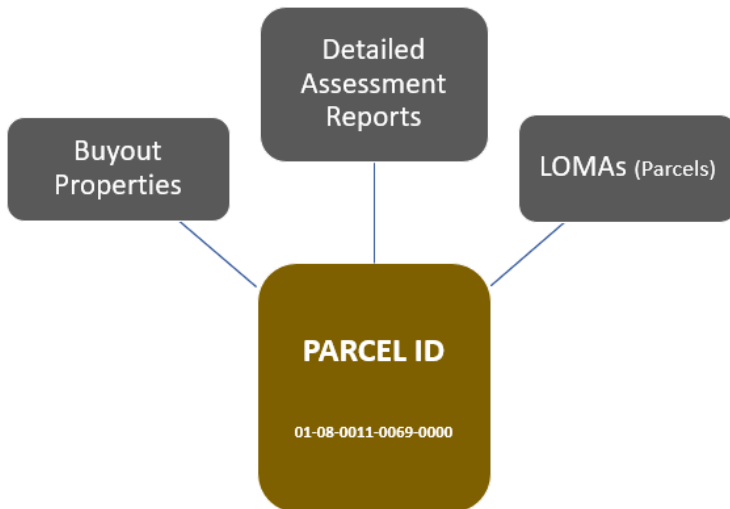
Address

604 S Main St, Philippi, West Virginia, 26416

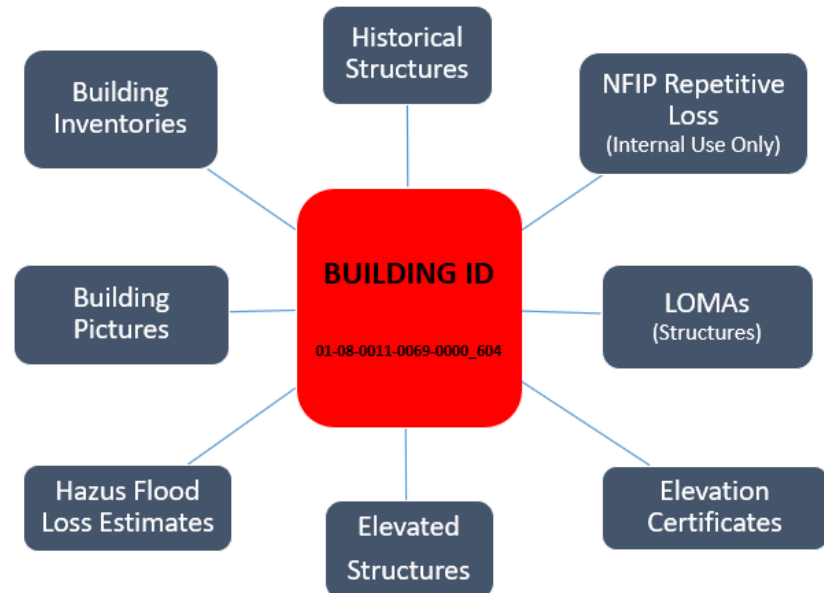


Building Identifier
(Parcel ID + Address No.)

01-08-0011-0069-0000_604



Link to **Property** Record



Link to **Structure** Record

Other WV Flood Tool Features

WV Flood Tool

- Flood Operational Layers
- Flood Zones and Symbology Types
- Programming Logic (Flood Zone, Flood Height, Water Depth) for Flood Query Result Panel
- High Resolution Ground Elevation Data
- Property Identification / Unique Building Identifier
- WV Property Viewer & Search
- Uses of Flood Tool

WV Flood Tool

Search and Zoom Tools

Address

Parcel

Coordinate

GNIS Name

City

County

USGS Quad

The screenshot displays the WV Flood Tool interface. At the top left is a home icon and the text "WV Flood Tool" with the slogan "Remember: When In Doubt, It's Not Out!". Navigation links for "About", "Help", and "Home" are in the top right. Below the header is a toolbar with "Views" (Public, Expert, Risk MAP), "Layers" (Flood, Reference, Basemaps), and "Search" (Address, Parcel, Coordinate, GNIS Name, City, County, USGS Quad). A "Tools" section contains icons for drawing, measuring, and printing. The main map area shows a street grid with a red hatched flood hazard area. A "Parcel Search" dialog box is open, showing search options and a "Search Parcel(s)" button. A right-hand panel displays detailed information for the selected parcel, including FEMA Flood Map details, elevation, and address.

WV Flood Tool
Remember: When In Doubt, It's Not Out!

Views: Public | Expert | Risk MAP | Layers: Flood | Reference | Basemaps | Search: Use PARCEL window to search | Tools: [Icons]

Parcel Search

Search Results

[Prefer step-by-step search?](#)

Full Parcel ID Search

By Root Parcel ID Sample: 01080011006800000000

By GIS Parcel ID Sample: 01-08-0011-0069-0000

Either format will be taken. Try step-by-step search for incomplete full ID.

Full Parcel ID

Search Parcel(s) [Disclaimer](#)

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): (39.144608, -80.033655)

Location (UTM 17N): (4333268, 583508)

External Viewers: [Icons]

Elevation: About 1316 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

scale - 1: 4,514
x: -80.036881, y: 39.147100
@ESRI Light Gray Canvas

Search by Parcel

Search

Parcel Use PARCEL window to search

Select "Parcel" from pull down search list

Search By:

Full Parcel ID

Parcel Search

Search Results

Prefer step-by-step search?

Full Parcel ID Search

By Root Parcel ID Sample: 01080011006800000000

By GIS Parcel ID Sample: 01-08-0011-0069-0000

Either format will be taken. Try step-by-step search for incomplete full ID.

Full Parcel ID

Search Parcel(s) Disclaimer

Step-by-Step Parcel ID

Parcel Search

Search Results

Already know the full parcel ID?

Step-by-Step Parcel Search

Step 1: Select a county

Step 2: Select search type

Step 3: Enter numbers in their boxes:

Choose parcel number search option

By parts Whole #

District Map # Parcel # Suffix

Search Parcel(s) Disclaimer

Property Owner

Parcel Search

Search Results

Already know the full parcel ID?

Step-by-Step Parcel Search

Step 1: Select a county

Step 2: Select search type

Step 3: Enter the owner's name. This is a fuzzy search.
Only letters and blank spaces will be allowed.

Owner Name:

Search Parcel(s) Disclaimer

Results (Parcel 01-08-0011-0069-0000)

Search Results

1 parcels returned. Click to zoom and check out more detailed info.

#	Parcel	Owner	Address
1	01-08-0011-0069-0000	Smith John	604 S MAIN ST



01-08-0011-0069-0000

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

Location (lat, long): (39.144675, -80.033571)
Location (UTM 17N): (4333275, 583515)

External Viewers: 

Elevation: About 1315 ft (Source: SAMS 2003)

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

Parcel: 01-08-0011-0069-0000 Assessment

WV Flood Tool

**Operational
Flood Layers**

Flood Layers

FLOOD LAYERS	Public View <i>for general public</i>	Expert View <i>floodplain managers</i>	RiskMAP View <i>flood risk reduction</i>
Flood Hazard/Management Layers <ul style="list-style-type: none"> • NFHL Flood Areas (Effective and Preliminary) • High-Risk Advisory Flood Zones • Base Flood Elevations • LOMAs / LOMRs • Panel Index (link to FEMA issued map) • Structures, Levees, Mile Markers* • Flood Elevation Certificates 	<p style="text-align: center;">Yes Yes No No No No No</p>	<p style="text-align: center;">Yes Yes Yes Yes Yes Yes Yes</p>	<p style="text-align: center;">Yes Yes Yes Yes Yes Yes Yes</p>
Flood Risk <ul style="list-style-type: none"> • Flood Water Depths (HEC-RAS model-backed) • Other Water Depths (Hazus, USGS HWM) • Historical High-Water Marks (points) • Levees • Dams • Exposure to Buildings and Facilities • Future Map Conditions • Building-Specific Flood Risk Assessments 	<p style="text-align: center;">No No No No No No No No</p>	<p style="text-align: center;">Yes No No Yes No No No No</p>	<p style="text-align: center;">Yes Yes Yes Yes Yes Yes Yes Yes</p>
Property Mitigation <ul style="list-style-type: none"> • Open Space Preservation 	<p style="text-align: center;">No</p>	<p style="text-align: center;">No</p>	<p style="text-align: center;">Yes</p>
Flood Prediction <ul style="list-style-type: none"> • USGS Real-Time Stream Gages* 	<p style="text-align: center;">No</p>	<p style="text-align: center;">No</p>	<p style="text-align: center;">Yes</p>

Italics Text = To Be Added in Future

* External Agency Web Map Services

Flood Layers – Expert View

WV Flood Tool
Remember: When In Doubt, It's Not Out!

Views: Public | **Expert** | Risk MAP

Layers: Flood | Reference | Basemaps

Search: Address: logan, wv

Tools: [Icons for various map functions]

Primary Flood Hazard Layers

- Hazard Layers (100-Yr)
- Hazard Layer (500-Yr)
- Base Flood Elevations*
- Cross-Sections*
- LOMA*
- LOMR*
- FIRM Panel*
- Water Lines*

Preliminary Flood Hazard Layers

- Elevation Certificates
- Water Depth (HEC-RAS)-5

Miscellaneous Layers

- River Mile Marker*
- Levees*
- General Structures*
- Real-time Stream Gage*
- High Water Marks
- Mitigated Properties
- Flood Hazard Zones*
- Flood Hazard Boundaries*

Flood Hazard Area: Location is WITHIN the FEMA 100-year floodplain.
Flood Zone: AE
Stream: Elk River
Watershed (HUC8): Elk (5050007)

FEMA's Flood Map: 54039C0301E
Map Effective Date: 2/6/2008
Contacts: Kanawha

Flood Height: Refer to FIS report for BFE
Water Depth: About 15.0 ft (Source: HAZUS)
HEC-RAS Model: N/A

Flood Profile: 54039_065

Community: Town of Clendenin
CID: 540075 CRS Class: 10

Location (long, lat): (-81.361706, 38.482884)
Location (UTM 17N): (468453, 4259455)

External Viewers: [Icons for social media sharing]

Elevation: About 596 ft (Source: FEMA 2016)

Address: 7894 ELK RIVER RD N, CLENDENIN, WV, 25045
Parcel ID: 20-02-0011-0047-0000

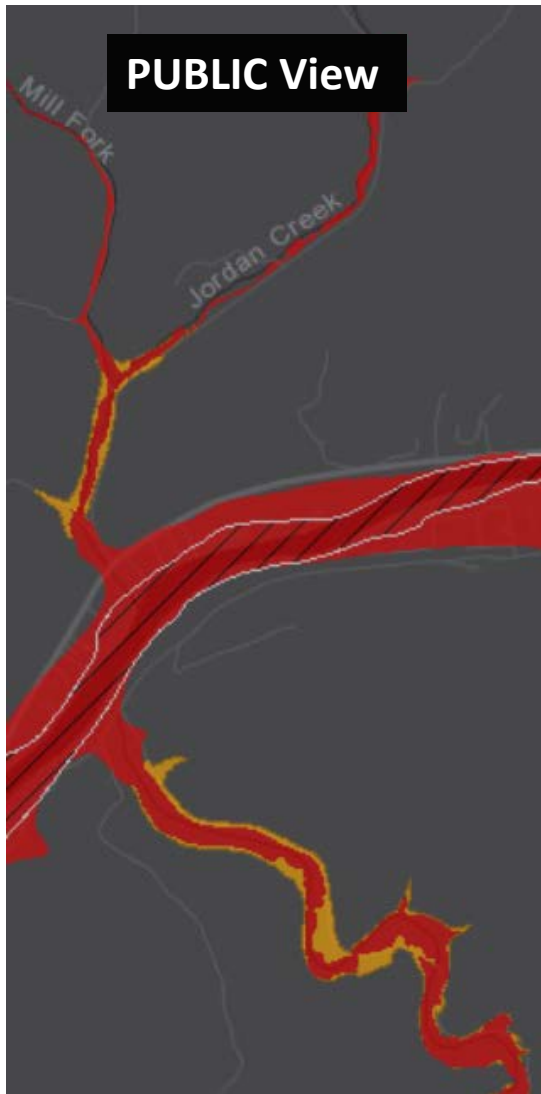
Scale: 1:36,112
Coordinates: x: -81.378700, y: 38.460977

©ESRI Dark Gray Canvas

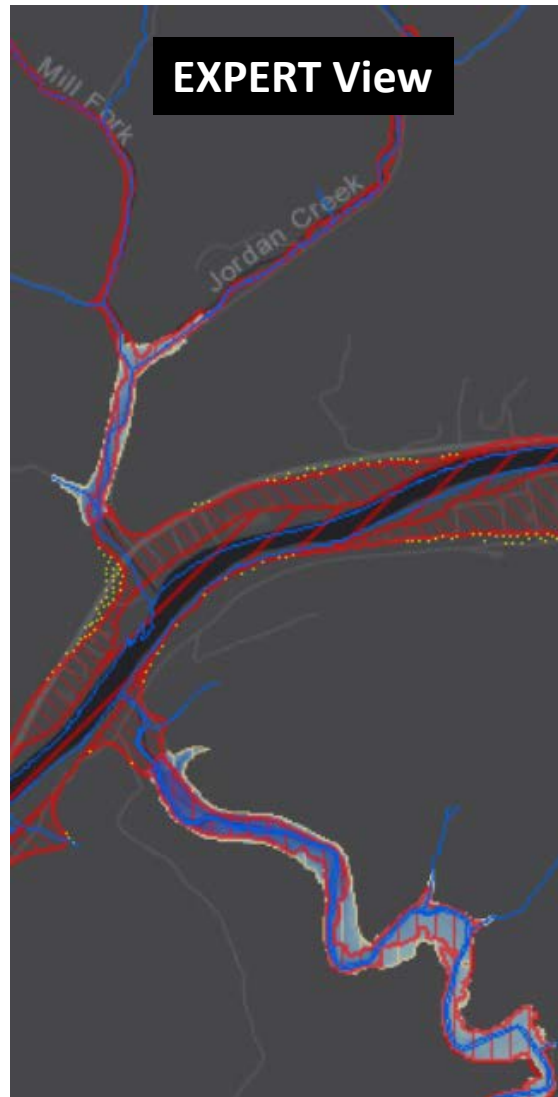
WV Flood Tool

Flood Zones & Symbology

Multiple Flood Zone Symbology Types



High Risk Regulatory (red) and Non-Regulatory (orange)







Depth Grid Underlies Flood Zones



NFHL Viewer







Flood Layer Symbols

WV Flood Tool PUBLIC VIEW - High Risk




HIGH RISK		Regulatory Floodway
		1-Percent-Annual-Chance Flood Hazard Area With Base Flood Elevation (BFE)
		1-Percent-Annual-Chance Flood Hazard Area Without BFE
		1-Percent-Annual-Chance Future Conditions (High Risk Advisory Flood Zones) Preliminary NFHL or Advisory A or Updated AE

WV Flood Tool EXPERT VIEW - High Risk

also RiskMAP VIEW



HIGH RISK		1-Percent-Annual-Chance Flood Hazard Area (AE, AO, AH) With Base Flood Elevation (BFE)
		Regulatory Floodway in AE Zone
		1-Percent-Annual-Chance Flood Hazard Area Without BFE (may have Advisory Flood Heights)
		1-Percent-Annual-Chance Preliminary SFHA
		High Risk Updated AE Boundary (1 PCT Future Conditions)
		High Risk Advisory A Zone (1 PCT Future Conditions with Advisory Flood Heights)

WV Flood Tool – Moderate Risk

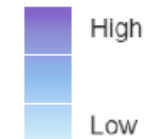
MODERATE RISK		0.2-Percent-Annual-Chance Flood Hazard Area (500-YR Floodplain) <i>Symbol: yellow stipple pattern</i>
		Area with Reduced Risk Due to Levee <i>Symbol: yellow vertical hatching pattern</i>
		Areas in Close Proximity of Flood Zone Boundaries are presented as a MODERATE RISK on the <i>Flood Results Query Panel</i> of the WV Flood Tool

FIRM Panel Index

GeoIndex

-  No Digital Data Available
-  Digital Data Available
-  Unmapped

Flood Water Depth (ft)








Flood Depth Sources:

- 1) HEC-RAS models (most accurate)
- 2) FEMA Hazus software generated

Letter of Map Change (LOMC)

LOMAs

-  Incorporated
-  Superseded
-  Not Incorporated
-  No Revalidation Status
-  Reevaluated
-  Contact Community for Revalidation Status

LOMRs

-  Effective

Mitigated / Buyout Property



Elevation Certificate



USGS High Water Mark



USGS Real-Time Stream Gage



WV Flood Tool PUBLIC VIEW - High Risk

HIGH
RISK



Regulatory Floodway



1-Percent-Annual-Chance Flood Hazard Area
With Base Flood Elevation (BFE)



1-Percent-Annual-Chance Flood Hazard Area
Without BFE



1-Percent-Annual-Chance Future Conditions
(High Risk Advisory Flood Zones)
Preliminary NFHL or Advisory A or Updated AE

WV Flood Tool EXPERT VIEW - High Risk

also RiskMAP VIEW

HIGH
RISK



1-Percent-Annual-Chance Flood Hazard Area (AE, AO, AH) **With Base Flood Elevation (BFE)**



Regulatory **Floodway in AE Zone**



1-Percent-Annual-Chance Flood Hazard Area **Without BFE** (may have Advisory Flood Heights)



1-Percent-Annual-Chance **Preliminary SFHA**



High Risk **Updated AE Boundary**
(1 PCT Future Conditions)



High Risk **Advisory A Zone**
(1 PCT Future Conditions with Advisory Flood Heights)

WV Flood Tool – Moderate Risk

**MODERATE
RISK**



0.2-Percent-Annual-Chance Flood Hazard Area (500-YR Floodplain) *Symbol: yellow stipple pattern*

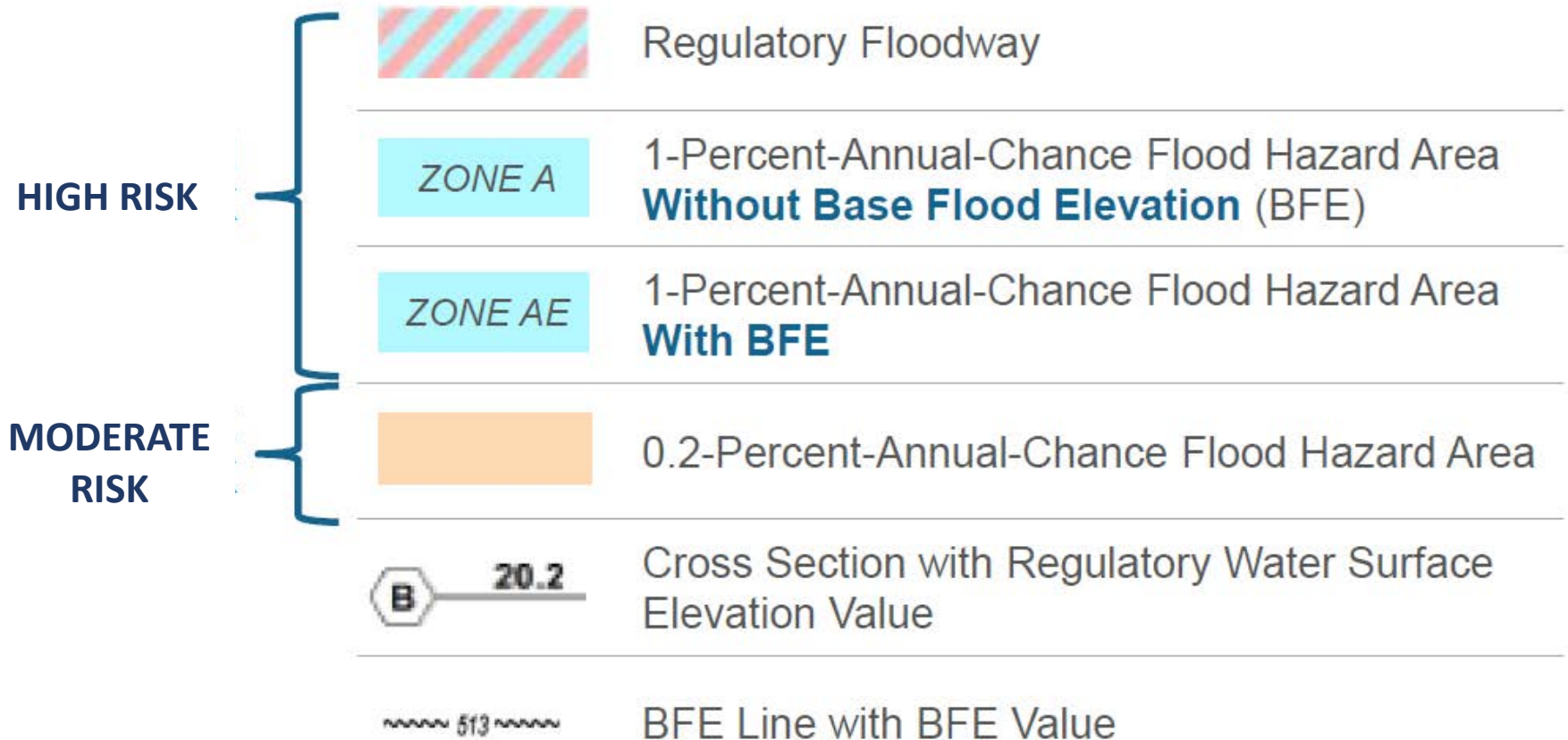


Area with Reduced Risk Due to Levee
Symbol: yellow vertical hachure pattern



Areas in Close Proximity of Flood Zone Boundaries are presented as a MODERATE RISK on the *Flood Results Query Panel* of the WV Flood Tool

FEMA NFHL Viewer



WV Flood Tool

Print Function Legend Layouts

Print Flood Map (Expert View)

<http://www.mapwv.gov/floodtest/?wkid=102100&x=-8899682&y=4811867&l=13&v=1>



This map is not the official regulatory FIRM or DFIRM. Its purpose is to assist with determining potential flood risk for the selected location.


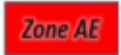


<p>H I G H R I S K</p> <p>Zone AE 1-Percent-Annual-Chance Flood Hazard Area With Base Flood Elevation (BFE)</p> <p>Floodway Regulatory Floodway in AE Zone</p> <p>Zone A 1-Percent-Annual-Chance Flood Hazard Area Without BFE (may have Advisory Flood Heights)</p> <p>Advisory 1-Percent-Annual-Chance High Risk Advisory</p>	<p> Flood Info Location Map created on 10/10/2019</p>
<p>Download the Full Legend for all flood tool symbols https://www.mapwv.gov/flood/map/docs/wv_flood_tool_legend.pdf</p>	<p>User Expert View Print Layout</p> <p>Notes</p>
<p>Disclaimer: The online map is for use in administering the National Flood Insurance Program. It does not necessarily identify all areas subject to flooding, particularly from local drainage sources of small size. Refer to the official Flood Insurance Study (FIS) for detailed flood elevation data in flood profiles and data tables. WV Flood Tool (https://www.mapwv.gov/flood) is supported by FEMA, WV NFIP Office, and WV GIS Technical Center.</p>	<p>Flood Hazard Area Location is WITHIN the FEMA 100-year floodplain.</p> <p>Flood Zone AE</p> <p>Stream Deckers Creek</p> <p>Watershed (HUC8) Upper Monongahela (5020003)</p> <p>Flood Height 822.0 ft (Source: BFE – Restudy)</p> <p>Water Depth About 4.3 ft (Source: HEC-RAS)</p> <p>Elevation About 819 ft (Source: WVU 2017)</p> <p>Community & ID City of Morgantown (ID: 540141)</p> <p>FEMA Map & Date 54061C0114E; Effective Date: 4/5/2019</p> <p>Location (lat, long) (39.626870, -79.947203)</p> <p>Parcel ID 31-10-0029-0130-0000</p> <p>E-911 Address 629 PENNSYLVANIA AVE, MORGANTOWN, WV, 26501</p>

Print Flood Map (Public View)

<http://www.mapwv.gov/floodtest/?wkid=102100&x=-8679232&y=4773901&l=12&v=0>



This map is not the official regulatory FIRM or DFIRM. Its purpose is to assist with determining potential flood risk for the selected location.

H I G H R I S K		Regulatory Floodway	● Flood Info Location Map created on 10/10/2019 User Public View Print Layout Notes Flood Hazard Area Location is WITHIN an updated detailed floodplain boundary but NOT a FEMA 100-year effective Flood Zone Updated AE Floodplain Boundary Stream Opequon Creek Watershed (HUC8) Conococheague-Opequon (2070004) Flood Height 412 ft (Source: BFE - Non-Restudy) Water Depth About 5.3 ft (Source: HEC-RAS) Elevation About 407 ft (Source: FEMA 2012) Community & ID Berkeley County (ID: 540282) FEMA Map & Date 54003C0255E; Effective Date: 7/7/2009 Location (lat, long) (39.363731, -77.966901) Parcel ID 02-01-0021-0006-0012 E-911 Address 292 SPIRAL LN, Inwood, WV, 25428
		1-Percent-Annual-Chance Flood Hazard Area With Base Flood Elevation (BFE)	
		1-Percent-Annual-Chance Flood Hazard Area Without BFE (may have Advisory Flood Heights)	
		1-Percent-Annual-Chance Future Conditions (High Risk Advisory Flood Zones)	
Download the Full Legend for all flood tool symbols https://www.mapwv.gov/flood/map/docs/wv_flood_tool_legend.pdf			
Disclaimer: The online map is for use in administering the National Flood Insurance Program. It does not necessarily identify all areas subject to flooding, particularly from local drainage sources of small size. Refer to the official Flood Insurance Study (FIS) for detailed flood elevation data in flood profiles and data tables. WV Flood Tool (https://www.MapWV.gov/flood) is supported by FEMA, WV NFIP Office, and WV GIS Technical Center.			

Flood Query Results Panel

Programming Logic Determinations for Flood Query Results Panel

- **Flood Zones** – 12 zone status conditions
- **Flood Heights** – Base Flood Heights, Advisory Flood Heights – 5 status conditions
- **Depth Grid** – Model-Backed (most accurate) or Hazus

Flood Query Results Panel

#	Each Location Query Answers:
1	In Flood Hazard Area? Flood Zone? Floodway?
2	Stream & Watershed names?
3	FEMA Issued Flood Map / NFHL links?
4	Floodplain Manager Contact?
5	Flood Height value or information?
6	Water Depth value and source?
7	HEC-RAS Model available?
8	Flood Profile available?
9	CRS community information?
10	Coordinate x,y location?
11	External Map Viewer Links?
12	Ground elevation value and source?
13	E-911 Address (link to address info)
14	Parcel ID (link to property info)
15	Flood risk assessment info?
16	3D flood visualization?



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

2 Flood Zone: AE (Floodway)

3 Stream: Turkey Run

3 Watershed (HUC8): Conococheague-Opequon (2070004)

FEMA's Flood Map: [54037C0115E](#) [NFHL](#)

Map Effective Date: 12/18/2009

Contacts: **4** [Jefferson](#)

5 Flood Height: 499 ft (BFE - Non-Restudy) [More Info](#)

6 Water Depth: About 0.7 ft (Source: HEC-RAS) [All Models](#)

HEC-RAS Model: N/A

Flood Profile: [54037_028](#) **8**

Community: [Jefferson County](#)

CID: 540065 CRS Class: 6

Location (lat, long): (39.302678, -77.982916) **10**

Location (UTM 17N): (4354706, 760162)

External Viewers: **11**

Elevation: About 498 ft (Source: [FEMA 2012](#)) **12**

Address : [7170 QUEEN ST, KEARNEYSVILLE, WV, 25430](#)

Parcel : [19-07-022B-0021-0000](#) | [Assessment](#)

Flood Risk Information **15** [Related Resources](#)

[Flood Risk Assessment](#) **15**

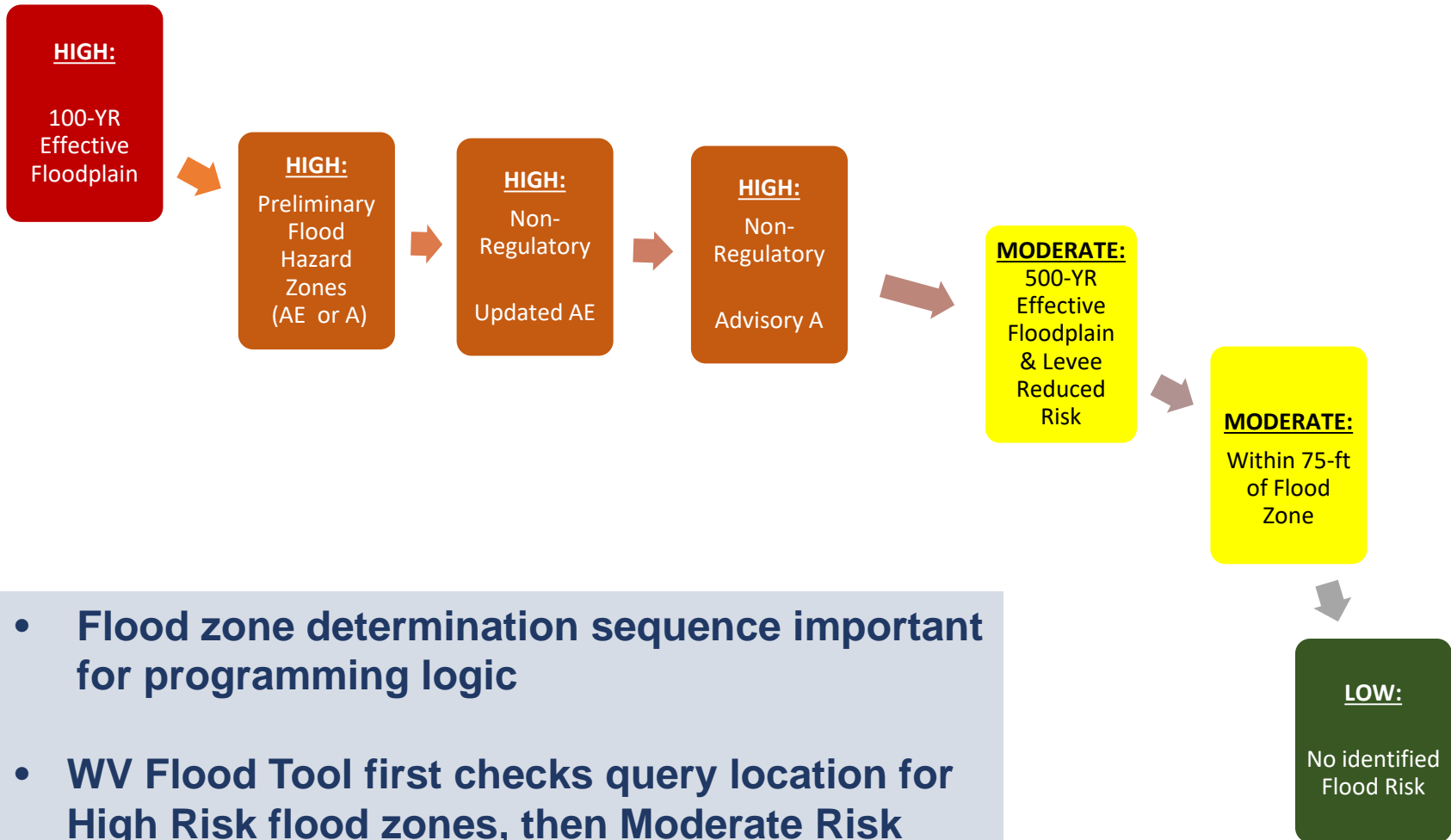
[3D Flood Visualization](#) **16**

Flood Zone: < zone designation >

Status #	Flood Risk Zone Designation	Message	Floodplain Type Label	WSEL Grid	Flood Degree Risk	Color Warning Status
1	AE, AH (5), AO (2)	Location is WITHIN the FEMA 100-year floodplain.	Effective 100 yr Zone AE, AH, AO	BFE-R or BFE-NR	High	Red
2	AE (Floodway)	Location is WITHIN the FEMA 100-year floodplain and floodway.	Effective 100 yr Zone AE, AH, AO - Floodway	BFE-R or BFE-NR	High	Red
3	A	Location is WITHIN the FEMA 100-year floodplain.	Effective 100 yr Zone A	< None >	High	Red
4	A (Advisory A)	Location is WITHIN the FEMA 100-year floodplain. Advisory Flood Heights available.	Effective 100 yr Zone A <i>and</i> Advisory Zone A	AFH	High	Red
5	Preliminary Flood Zone	Location is WITHIN an updated FEMA 100-year flood hazard zone. The flood zone is preliminary and under review to become effective.	Preliminary 100 yr Zone AE	< None >	High	Orange
6	Preliminary Flood Zone (Floodway)	Location is WITHIN an updated FEMA 100-year flood hazard zone and floodway. The flood zone is preliminary and under review to become effective.	Preliminary 100 yr Zone AE - Floodway	< None >	High	Orange
7	Updated AE Floodplain Bdry.	Location is WITHIN an updated detailed floodplain boundary but NOT a FEMA 100-year effective floodplain.	Updated Zone AE	BFE-NR	High	Orange
8	Advisory A	Location is WITHIN an advisory floodplain but NOT a FEMA 100-year effective floodplain.	Advisory Zone A	AFH	High	Orange
9	Shaded X (500-YR Flood)	Location is WITHIN a moderate flood risk hazard such as a FEMA 500-year floodplain.	Zone X - 0.2 PCT ANNUAL CHANCE FLOOD HAZARD	< None >	Moderate	Yellow
10	X (Levee Protected)	Location is PROTECTED by a levee from a 100-year flood	Zone X - AREA WITH REDUCED FLOOD RISK DUE TO LEVEE	< None >	Moderate	Yellow
11	Near Flood Zone	Location is NOT WITHIN identified flood hazard area, but within 75 feet of an identified flood hazard area.	<i>Separate Buffer Layer</i>	< None >	Moderate	Yellow
12	Out of Flood Zone	Location is NOT WITHIN any identified flood hazard area. Unmapped flood hazard areas may be present.	<i>No Record Found</i>	< None >	Low	Green

Three Degrees of Risk: High, Moderate, Low. Four Warning Status Colors: In 100-YR Effective Floodplains (red), Preliminary Flood Zones and non-regulatory Advisory A/Updated AE Floodplains (orange), moderate risk or close to high risk zones (yellow), and low risk (green). The query consists of stacked floodplain boundary layers (see next slide)

Flood Zone Determination Sequence



- Flood zone determination sequence important for programming logic
- WV Flood Tool first checks query location for High Risk flood zones, then Moderate Risk flood zones.

Flood Height: < Value >

Status #	Flood Height Designation	Flood Zones	Message for FLOOD HEIGHT:	Source Message on Query Panel	More Info Link on Flood Query Results Panel
1	Base Flood Elevation (Restudy) BFE Grid	AE Zones Flood Zone Statuses 1 & 2	< value> ft. (Display Float)	(BFE Restudy)	<p>Advisory Flood Heights (AFH) for Approximate A Zones: CAUTION CAUTION!! The advisory flood height should be used with caution in the proximity of a culvert, bridge, flood control structure or other impoundment since stream crossings were not included in the hydraulic analyses for approximate floodplains. Also, if the site is close to the confluence with a larger stream, compare the advisory flood height at the location of interest to the advisory flood height or Base Flood Elevation on the larger stream to determine whether the site is within the backwater influence of the larger stream. More information: http://www.mapwv.gov/flood/content/documents/AFHhandout.pdf</p> <p>Restudy and Non-Restudy AE Zones: To validate base flood elevations refer to the Flood Profiles and Flood Elevation Tables in the FIS Report.</p> <p>Vertical Datum: The vertical datum of all flood height values for in West Virginia is NAVD 88 except for McDowell county is NGVD 29.</p>
2	Base Flood Elevation (Non-Restudy) Updated AE Grid	AE Zones Flood Zone Statuses 1, 2, 7	< value> ft. (Display Integer)	(BFE Non-Restudy)	
3	Base Flood Elevation (Non-Restudy)	AE Zones Flood Zone Statuses 1 & 2	<i>no value</i>	Refer to FIS report for BFE	
4	Advisory Flood Height AFH Grid	A Zones, Preliminary Flood Zone Statuses 4, 5, 6, & 8 (Refer to Flood Zone Slide)	About < value> ft.	(AFH)	
5	No Flood Height Information	Flood Zone Statuses 3, 5, 6, 9, 10, 11, 12	<i>no value</i>	N/A	

Invisible Composite Query Rasters for flood height values of Water Surface Elevation Level (WSEL) layers: (1) *Advisory Flood Height* WSEL AFH Grid (WSEL_1PCT_AFH_5ft); (2) *Restudy* WSEL BFE Grid (WSEL_1PCT_BFE_1m); *Updated AE* (WSEL_1PCT_Update_AE)

Water Depth: about <<value>>

Water Depth	Message	Sources
Water Depth:	About << value >> ft.	<ul style="list-style-type: none">• Model-Backed Depth Grids: Engineering Studies using modeling software like HEC-RAS:<ul style="list-style-type: none">○ RiskMAP Restudy (Effective and Preliminary)○ Non-Restudy Updated AE Zones○ Advisory Flood Heights (Approximate A Zones)• Other Depth Grids<ul style="list-style-type: none">○ HAZUS generated○ USGS Inundation Layers

A statewide “composite” Flood Risk Assessment Depth Grid is created from model-backed *effective* and *advisory* depth grids at a 5-foot cell resolution.

Water Depth Grids are a *flood risk assessment* product – *not a flood regulatory* product. Water depths are important for flood loss damages and by flood visualizations of site-specific structures.

Depth grids a source of credits for CRS communities.

See FEMA’s Flood Risk Assessment Guidance (May 2016) for guidance on composite depth grids:

https://www.fema.gov/media-library-data/1469146645661-31ad3f73def7066084e7ac5bfa145949/Flood_Risk_Assessment_Guidance_May_2016.pdf

WV Flood Tool

Ground Elevatoin

Ground Elevation

<http://www.mapwv.gov/floodtest/?wkid=102100&x=-8916536&y=4610651&l=13&v=1>

The screenshot displays the WV Flood Tool interface. At the top, there is a navigation bar with 'About', 'Help', and 'Home' links. Below this is a header for 'WV Flood Tool' with the slogan 'Remember: When In Doubt, It's Not Out!'. The main interface is divided into several sections: 'Views' (Public, Expert, Risk MAP), 'Layers' (Flood, Reference, Basemaps), 'Search' (Address field), and 'Tools' (various icons). A central map shows a satellite view with overlaid contour lines in yellow and red, and a red flood hazard area. A 'Layers' panel on the left lists various map layers, with 'Contour Lines' checked. A 'Data Panel' on the right provides detailed information about the selected location, including 'Flood Hazard Area', 'Flood Zone: AE', 'Stream: Greenbrier River (Lower Reach)', and 'Watershed (HUC8): Greenbrier (5050003)'. A specific 'Elevation' value of 'About 2125 ft (Source: FEMA 2016)' is highlighted with a black circle. A black text box in the bottom left corner contains the text: '1-FOOT CONTOUR ELEVATION VALUE OF 2125 FEET MATCHES 1-METER GRID SURFACE ELEVATION OF 2125 FEET DISPLAYED IN QUERY RESULTS PANEL'.

FEMA LiDAR-Derived Products: 1-M DEM and 1-Ft. Contour

Ground Elevation: 1-ft. Contours

<https://www.mapwv.gov/flood/map/?wkid=102100&x=-9177701&y=4611497&l=13&v=1>

WV Flood Tool
Remember: When In Doubt, It's Not Out.

Make **Contour Lines** visible under **REFERENCE LAYERS**

Views: Public | Expert | Risk MAP | Flood | **Reference** | Basemaps

Search: e.g., 123 street name, city, state, zip

Tools: [Icons for various map tools]

Layers Panel:

- Address Label
- Parcels
- Building Footprint
- Community Boundaries
- SAMS E-911 Roads
- DOT Highway Routes*
- Streams / Place Names
- Contour Lines** info
- Public Lands
- Watersheds
- Wetlands*
- Soil*

* indicates that data is external web service

Query Results Panel:

Flood Hazard Area: Location is **WITHIN** the FEMA 100-year floodplain.
Flood Zone: AE
Stream: Twelvepole Creek
Watershed (HUC8): Twelvepole (5090102)

FEMA's Flood Map: 54099C0180C | NFHL
Map Effective Date: 1/2/2013
Contacts: Wayne

Flood Height: Refer to FIS report for BFE
Water Depth: N/A
HEC-RAS Model: N/A
Flood Profile: 54099_025

Community: Town of Wayne
CID: 540231 | CRS Class: 10

Location (lat, long): (38.226674, -82.444695)
Location (UTM 17N): (4231951, 373548)

External Viewers: [Icons]

Elevation: About 600 ft (Source: FEMA 2018)

Elevation: 600 ft. Source: FEMA 2018

1-FOOT CONTOUR ELEVATION VALUE OF 600 FEET MATCHES 1-METER GRID SURFACE ELEVATION OF 600 FEET DISPLAYED IN QUERY RESULTS PANEL

1-ft Contours Display at two Highest Zoom Levels (1:564 and 1:282 Map Scales)

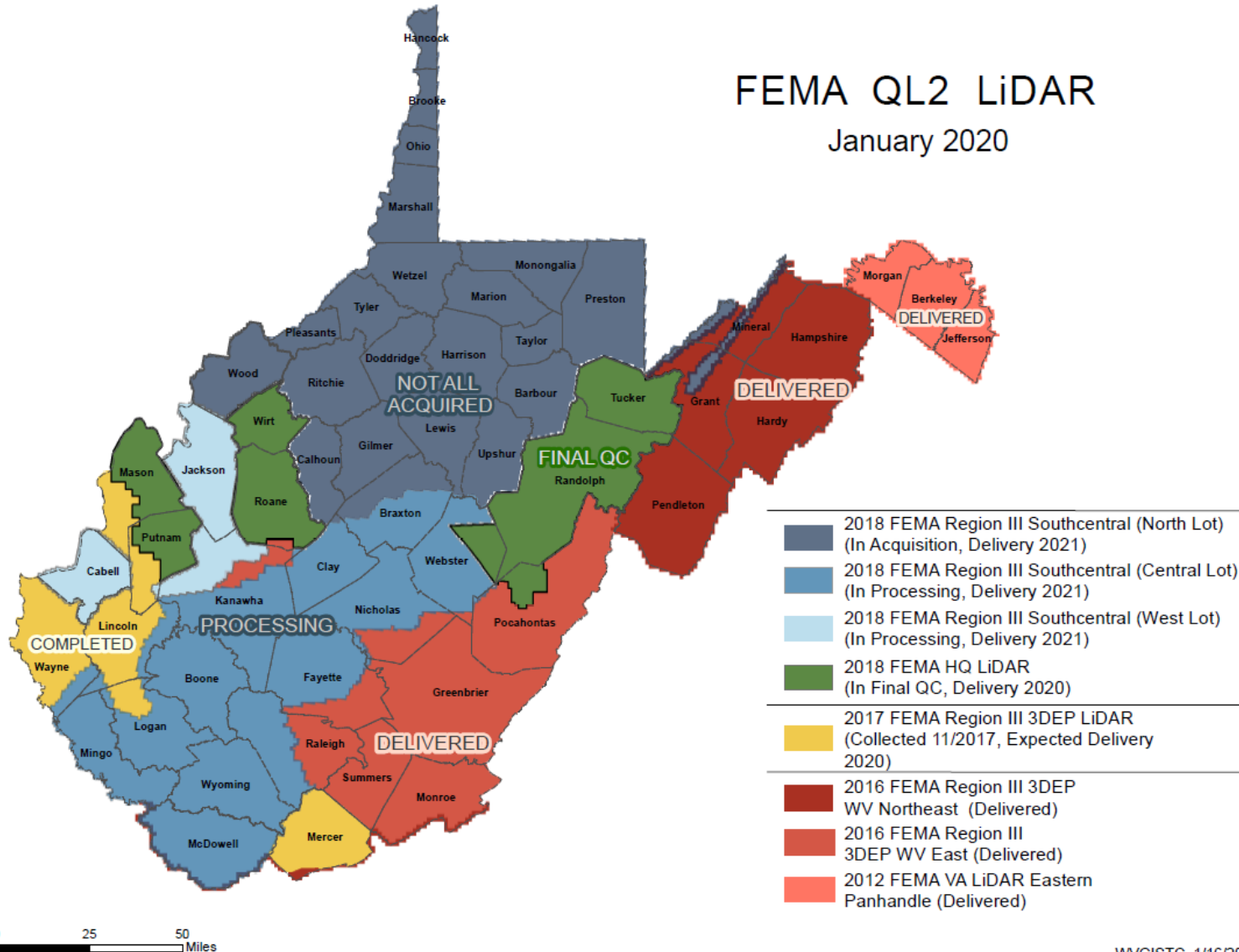
600 ft.

1-foot contours published for 10 counties

Scale: 1:564
x: -82.444569, y: 38.226441

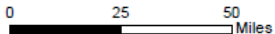
FEMA Purchased LiDAR Coverage

FEMA QL2 LiDAR January 2020



FEMA has purchased **\$10 million** in QL2 LiDAR and entire State should be processed and delivered by 2022

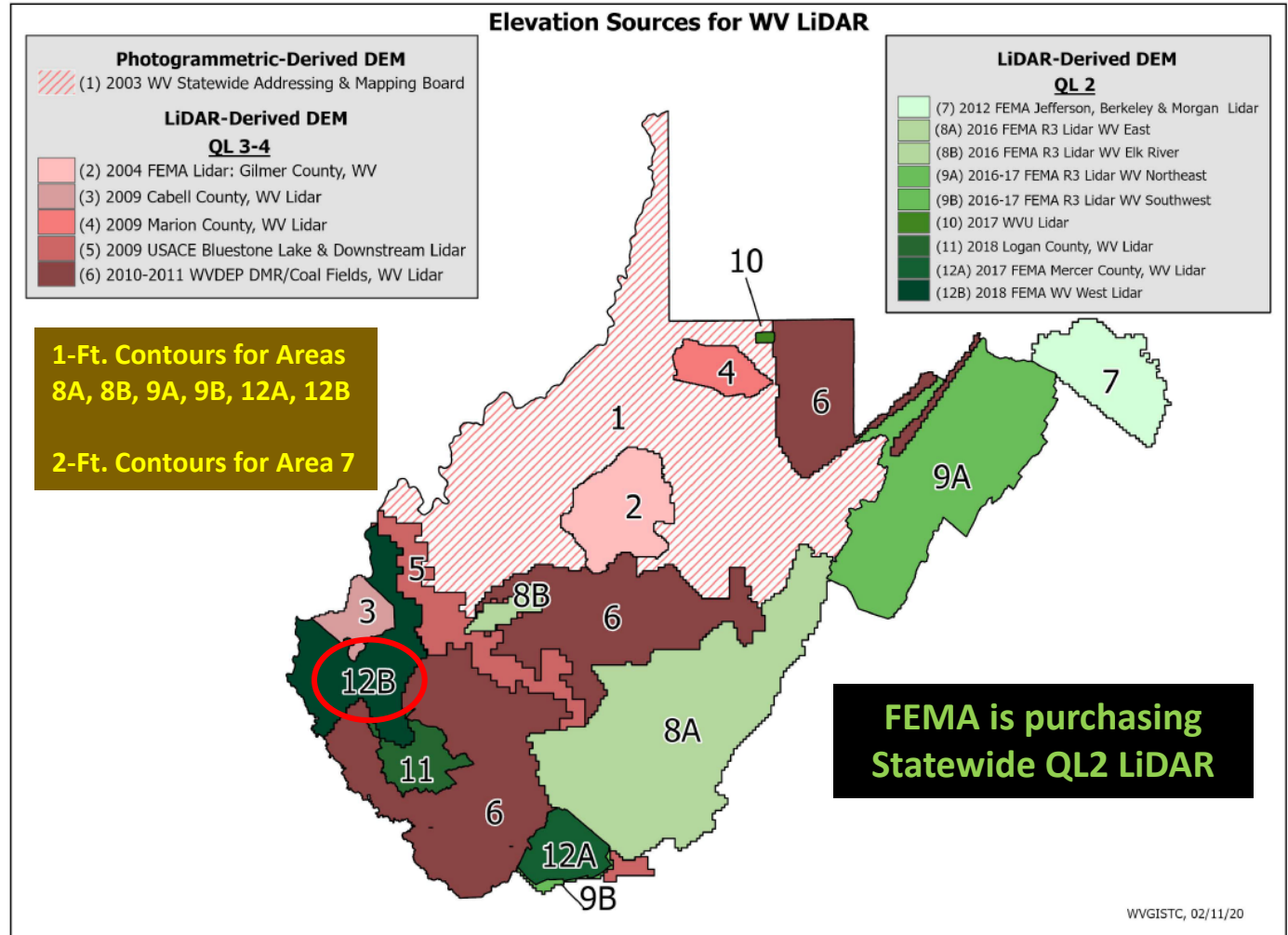
Quality 2 (QL2) LiDAR support 1-foot contours



Elevation Data Sources

Source Graphic

#	12B
WV Project Name	2017 NRCS FEMA South Central VA-WV West
Source	FEMA 2018
Year	2018
Quality Level	2
Grid Resolution	1m
Horizontal Accuracy	Not Provided
Vertical Accuracy	12.9 cm
Coordinate System	UTM Zone 17



Elevation Metadata

WV Flood Tool

Dams and Landslides

Dams and Landslides

WV Flood Tool
Remember: When In Doubt, It's Not Out!

Views: Public Expert **Risk MAP** Risk Reference Basemaps

Layers: BUILDING-LEVEL RISK: 100-YEAR FLOOD

- CRITICAL INFRASTRUCTURE
 - Essential Facilities
 - Community Assets
 - Historic Structures
 - Dams**
 - Render By: Hazard Level Owner
 - Levees
- HIGH WATER MARKS & STREAM GAGES
- OTHER NATURAL HAZARDS
 - Landslides**
- FLOOD DEPTH
- OPEN SPACE PRESERVED (CRS Credits)
- PRIMARY FLOOD HAZARD LAYERS
- PRELIMINARY FLOOD HAZARD LAYERS
- OTHER FLOOD ZONE SYMBOLOGY
- MISCELLANEOUS LAYERS

* indicates that data is from FEMA
[Show Legend](#)

Search: Address: e.g., 123 street name, city, state, zip

Tools: [Navigation icons]

Map Labels: **Dam**, **Landslide**, Lost River #4 Dam, Zone A, Hardy, Lost River, Spencer, Grantsville

Layer Name: Landslides

Movement Type	SLD
Creation Date	3/15/2019
Identify Date	3/15/2019
DEM Source	1M - 2016-17 FEMA R3 Lidar WV Northeast
Comments	-
Web Link	West Virginia Landslide Tool
Zoom to	

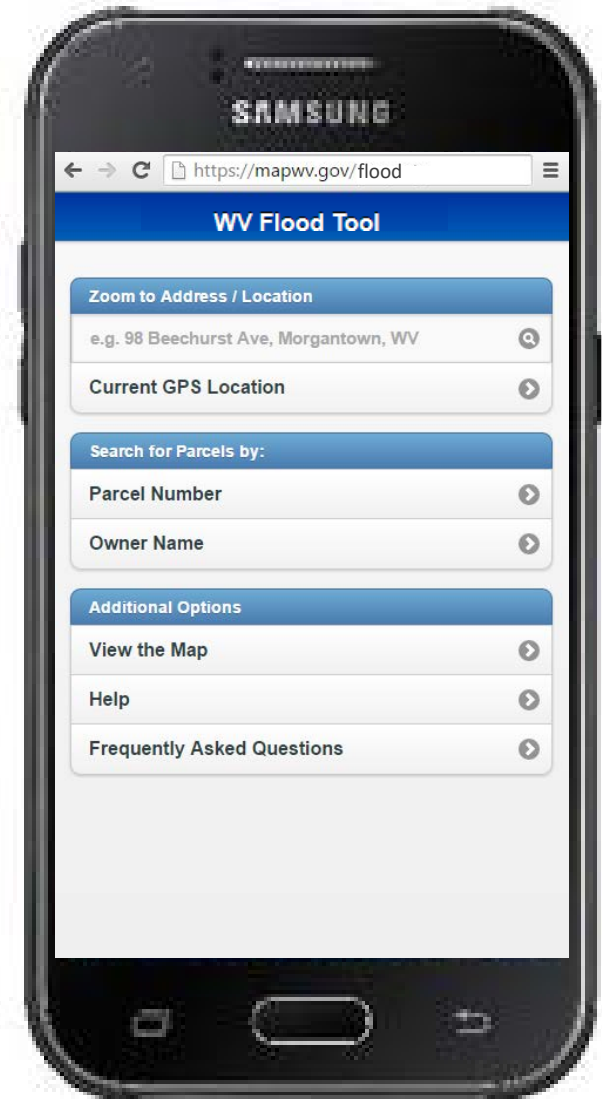
<https://www.mapwv.gov/flood/map/?wkid=102100&x=-8771562&y=4715438&l=7&v=2>

Dam and Landslide Risk Layers in RiskMAP View
Hardy County, West Virginia

WV Flood Tool Updates

Mobile Application

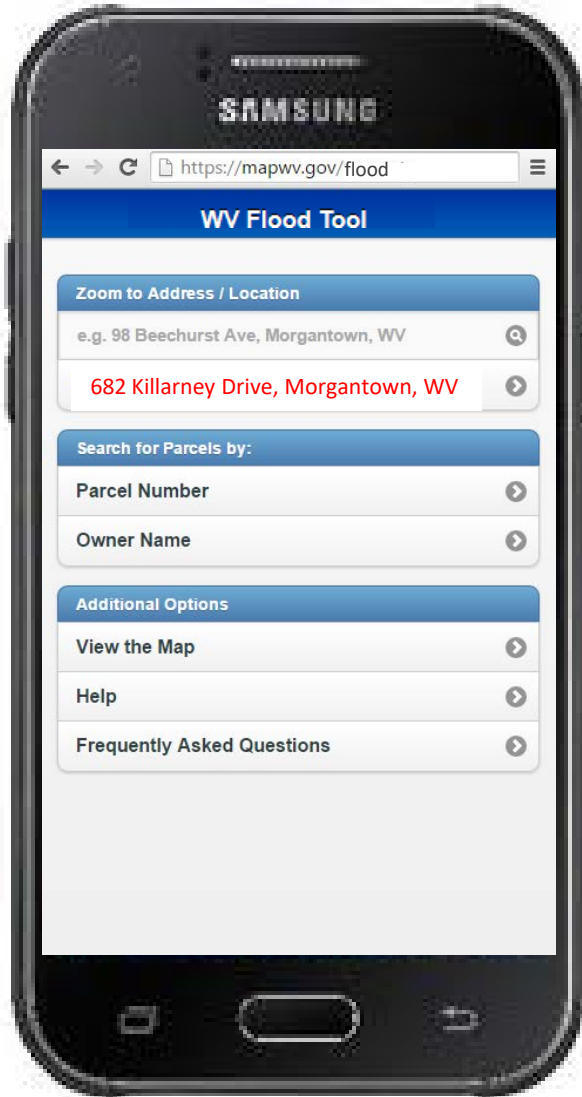
- Added Search by Property Owner Name
- Added Search by Parcel Identifier



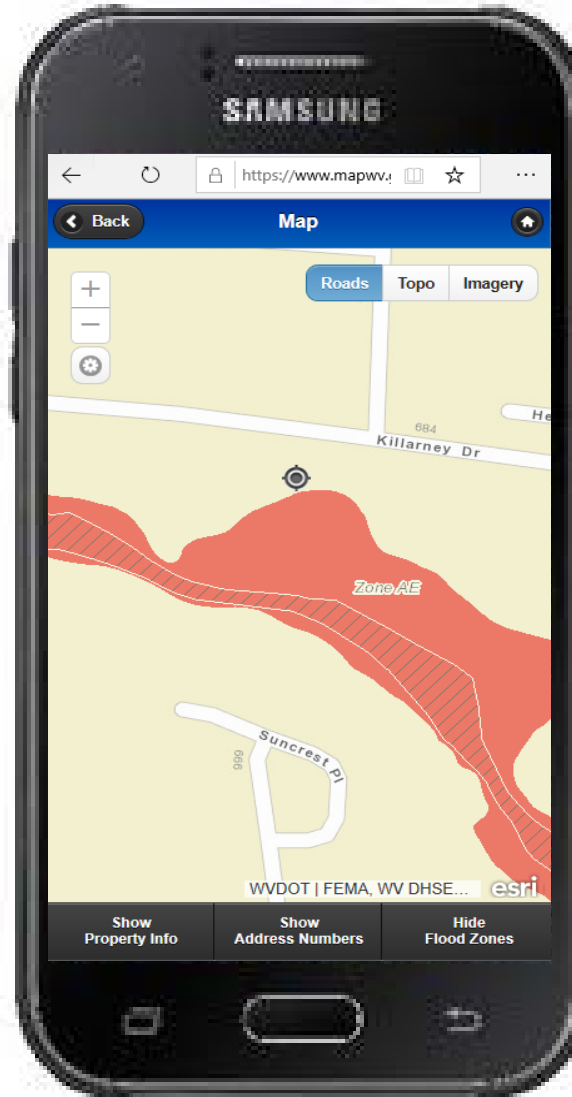
Mobile Home Page

WV Flood Tool (Mobile)

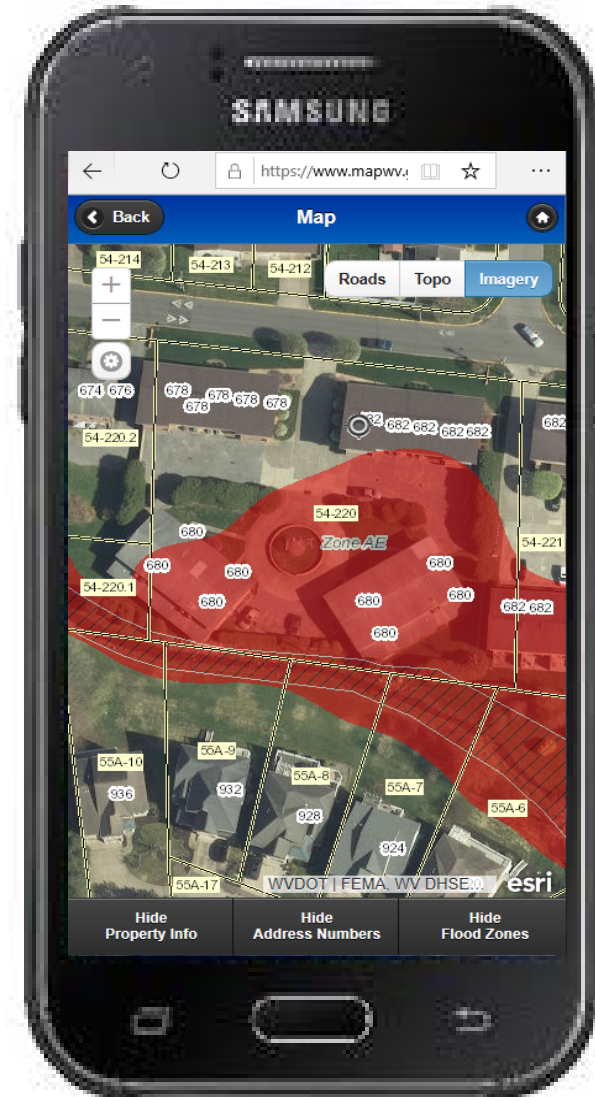
www.mapwv.gov/flood



Mobile Home Page



Zoom to E-911 Address



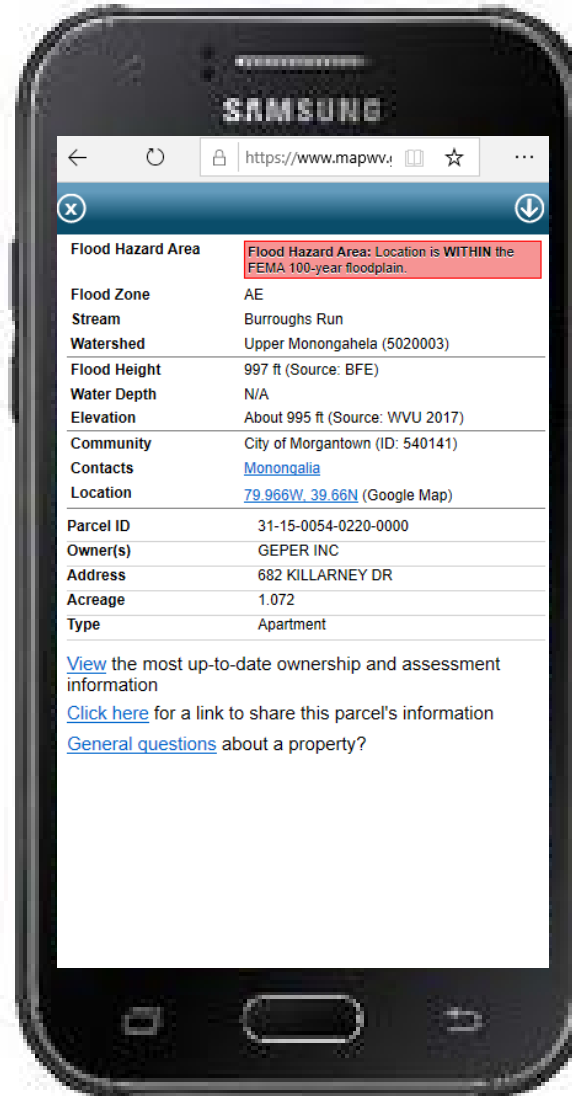
Toggle Layers of Interest

WV Flood Tool (Mobile)

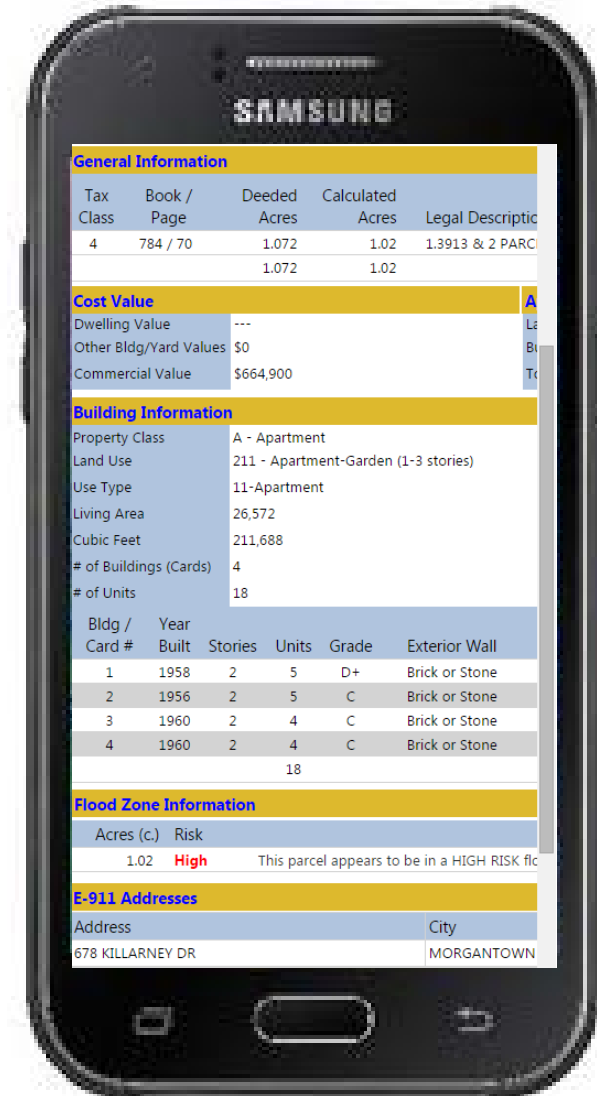
www.mapwv.gov/flood



Touch Parcel for Flood Info



View Flood Report



View Parcel Report

WV Flood Tool

WV Property Viewer

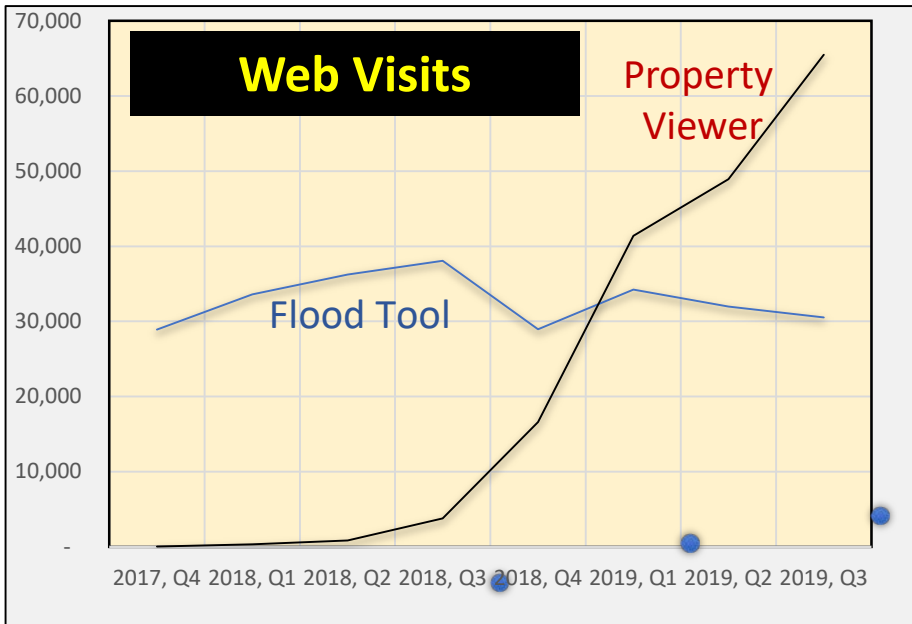
www.mapwv.gov/property

Companion Product to WV Flood Tool

Powerful compound query searches can be performed on flood hazard zones and state assessment records:

- **New Development** in Floodplains
- **Prior Ownership** (Deed Book, Previous Owner, Legal Description). Online search of the parcel history of deed book/page numbers and other ownership information to identify the correct positional location of LOMAs and Buyout Properties.

WV Property App (Companion Product)



WV Real Estate Assessment Data

Detailed Property Report

Physical Address: 7170 QUEEN ST
E-911 Address: 7170 QUEEN ST 25430
Parcel ID: 19-07-022B-0021-0000
County: 19 - Jefferson
District: 7 - Middleway District
Map: 022B (Click for PDF tax map)
Parcel No.: 0021
Parcel Suffix: 0000
Map View Link: <https://mapwv.gov/parcel/?pid=19-07-022B-0021-0000>

General Information				
Tax Class	Book / Page	Deeded Acres	Calculated Acres	Legal Description
2	1192 / 126	0.700	0.82	7/10 AC REININGER
				0.82

Cost Value		Appraisal Value	
Dwelling Value	\$269,300	Land Appraisal	\$36,500
Other Bldg/Yard Values	\$5,160	Building Appraisal	\$274,500
Commercial Value	---	Total Appraisal	\$311,000



WV Assessment

ABOUT FAQ RESOURCES

Property Search Tool

Search Options: Hide Basic Appraisal/Sales Advanced (Hover over input fields to view help)

County: District: Full Parcel ID:

Owner Name: Map Number: Property Class:

Street Name: Parcel: Tax Class:

Sub-Parcel: Land Use:

Lines per page:

WV Property Viewer
www.mapwv.gov/parcel

WV Property Search
www.mapwv.gov/property

WV Property Search: New Development

“Advanced” WV Property Search: www.mapwv.gov/property

Companion Product to WV Flood Tool



WV Assessment

Search Query Parameters for New Development in Floodplain

Property Search

Search Options: Hide Basic Appraisal/Sales Advanced Prior Ownership (Hover over input fields to view help)

County: **39-Preston** District: All Full Parcel ID:
Owner Name: Map Number: Property Class: **R - Residential**
Street Name: Parcel: Tax Class: All
Sub-Parcel: Land Use: All

Appraisal

Min Land Appr: Min Building Appr: **50000** Min Calc Acres:
Max Land Appr: Max Building Appr: Max Calc Acres:
Min Total Appr: Min Price: Min Deeded Acres:
Max Total Appr: Max Price: Max Deeded Acres:

Advanced

Flood Hazard: **High** Mailing Address: Deed Book: Page:
Legal Description:
Building Year Min: **2017** Max: Primary Structures Min: Max:
Building Area Min: Max: Secondary Structures Min: Max:

Search Parameters	Value
Flood Hazard	High
County	Preston
Building Year Minimum	2017
Min. Building Year Appraisal	50000
Property Class	Residential

Lines per page: Display legal description Display GIS parcel ID

WV Property Search: New Development

Query Results for New Development in Floodplain

Property Address	County	District	Map	Parcel	Map Link	Flood Tool	Deeded Acres	Property Class	Land Use Code	Tax Class	Building Appraisal	Land Appraisal	Total Appraisal
2768 HILEMAN RD	39-Preston	10-Grant District	10	42.5	GIS Map	FT	11.03	R	101	2	\$315,300	\$32,000	\$347,300
4089 MOYERS RD	39-Preston	10-Grant District	14	32.10	GIS Map	FT	16.63	R	101	2	\$145,100	\$41,000	\$186,100
600 EISENTROUT RD	39-Preston	8-Pleasant District	13	12.0	GIS Map	FT	14.34	R	101	2	\$125,400	\$33,800	\$159,200
429 OAK ST	39-Preston	11-Kingwood Corp	2	6.0	GIS Map	FT	0.17	R	101	2	\$121,000	\$6,600	\$127,600
144 LAUREL RUN RD	39-Preston	10-Grant District	27	16.0	GIS Map	FT	1.00	R	101	2	\$103,800	\$19,700	\$123,500
323 S PRESTON HWY	39-Preston	4-Reno District	11	34.0	GIS Map	FT	0.28	R	101	2	\$97,800	\$8,100	\$105,900
3737 SALTICK RD	39-Preston	5-Union District	4	10.4	GIS Map	FT	3.12	R	101	2	\$92,000	\$21,600	\$113,600
141 GRAPETHICKET RD	39-Preston	11-Kingwood Corp	23	1.12	GIS Map	FT	2.24	R	101	2	\$78,000	\$22,100	\$100,100
421 BIRDS CREEK RD	39-Preston	1-Kingwood District	18	22.0	GIS Map	FT	6.82	R	101	2	\$77,600	\$25,300	\$102,900
2051	https://www.mapwv.gov/assessment/Assessment?Counties=39&PropertyClass=R&MinimumBuildingValue=50000&BuildingYearMin=2017&FloodRisk=High												100

Search Parameters	Value
Flood Hazard	High
County	Preston
Building Year Minimum	2017
Min. Building Year Appraisal	50000
Property Class	Residential

WV Property Search:
www.mapwv.gov/property

WV Flood Tool
 Remember: When in Doubt, it's Not Out!

2018 Structure at \$315K Built in Advisory A

DESCRIPTION

- PROPERTY OWNER
- PHYSICAL ADDRESS
- BUILDING INFORMATION
 - Property Class Type: R - Residential
 - Land Use: 101 - Residential 1 Family
 - Year Built: 2018
 - Architectural Style: -
 - Story Height: 1
 - Exterior Wall: Frame
 - Construction Area(sq ft): 1688
 - Total Rooms: 5
 - Basement Type: Crawl
 - # of main BLDGs (cards): 1

Flood Hazard Area: Location is WITHIN an advisory floodplain but NOT a FEMA 100-year effective floodplain. More info

Flood Zone: Advisory A (Advisory Flood Heights available)

Stream: Laurel Run(1)

Watershed (HUCs): Cheat (5020004)

FEMA's Flood Map: 54077C00500

Map Effective Date: 6/5/2012

Contacts: Preston

Community: Preston County

CID: 540160 **CRS Class:** 10

Location (lat, long): (39.683130, -79.714826)

Location (UTM 17N): (4393377, 610209)

Elevation: About 1670 ft. (Source: WVDEP 2010-11)

Address: N/A

Parcel #: 39-10-0010-0042-0005 (Assessment)

Flood Risk Information

Related Resources

3D Flood Visualization


<https://mapwv.gov/flood/map/?wkid=102100&x=-8873789&y=4820097&l=13&v=0>

WV Property Search: Deed Book

“Prior Ownership” WV Property Search: www.mapwv.gov/property

Search Query Parameters for **Prior Ownership** using **Deed Book/Page No.**

LOMA 97-03-298A, Project ROUTE 27/3 - DILLON CREEK

 Federal Emergency Management Agency
Washington, D.C. 20472

JUN - 9 1997

IN REPLY REFER TO:
Case No.: 97-03-298A
Community: Preston County, West Virginia
(Unincorporated Areas)
Community No.: 540160
Map Panel Affected: 0012 A
Map Effective Date: March 1, 1987

218-70-OS

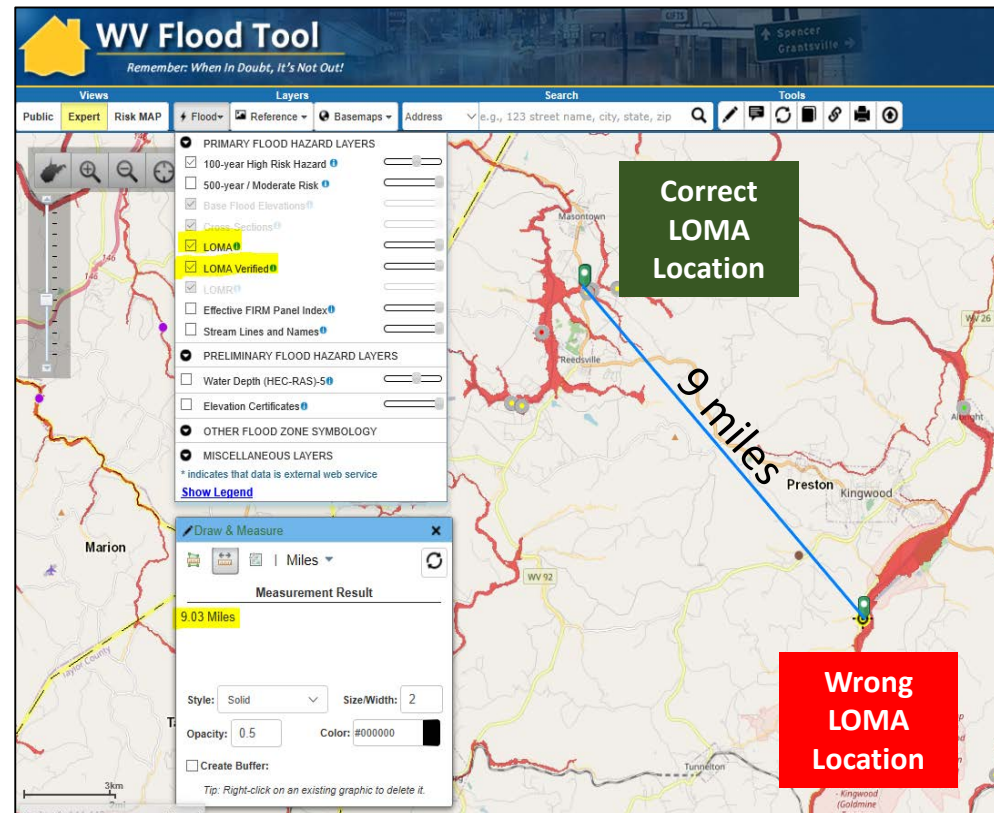
We reviewed your request dated December 27, 1996, for a Letter of Map Amendment. All required information for this request was received on May 13, 1997. Using the information submitted and the effective National Flood Insurance Program (NFIP) map, we determined that a portion of the property described below is located in a Special Flood Hazard Area (SFHA), the area that would be inundated by the flood having a 1-percent chance of being equaled or exceeded in any given year (base flood); however, the structure on the property is not in the SFHA.

Property Description: A 1.00 acre parcel of land as described in **Deed Book 505, Page 177-180** and filed for record in the Preston County Clerk's Office on May 23, 1983

Street Address: Route 27/3

Flooding Source: Dillon Creek

The structure is correctly shown outside the SFHA on the above-referenced NFIP map. The structure is located in Zone C. Flood document). See: <https://map1.msc.fema.gov/data/54/L/97-03-298A-540160.pdf?LOC=d08f245a47f18e659f1b75b1515425b6>



LOMA 97-03-298A is not located south of Kingwood, but 9 miles to the northwest in Preston County. The WV Property Search Tool located the correct parcel through a **Deed Book Number** and **Page** search.

WV Property Search: Deed Book

“Prior Ownership” WV Property Search: www.mapwv.gov/property

Search Query Parameters for Prior Ownership using Deed Book/Page No.

LOMA 97-03-298A, Project ROUTE 27/3 - DILLON CREEK

WV Assessment ABOUT FAQ RESOURCES CONTACT

Property Search

Search Options: Hide Basic Appraisal/Sales Advanced Prior Ownership (Hover over input fields to view help)

County: District: Deed Book: Page:

Prior Owner Name: Legal Description:

Advanced Lines per page: Display legal description Display GIS parcel ID

Search Parameters	Value
County	Preston
Deed Book Number	505
Deed Book Page	177

Total matching records: 1
Page 1 of 1 Unsorted
Query URL: <https://www.mapwv.gov/assessment/Assessment?Counties=39&DeedBook=505&DeedPage=177>
View in Property Viewer: <https://mapwv.gov/parcel/?Counties=39&DeedBook=505&DeedPage=177>
CSV Results: [Click here](#)

Root Parcel ID	Current Owner	Property Address	County	District	Map	Parcel	Map Link	Flood Tool	Deeded Acres	Property Class	Land Use Code	Tax Class	Building Appraisal	Land Appraisal	Total Appraisal
39020013008400010000	WILES RONNIE JR	78 SUNNY HILL RD	39-Preston	2-Valley District	13	84.1	GIS Map	FT	1.00	C	105	3	\$142,800	\$20,000	\$162,800

LOMA 97-03-298A is not located south of Kingwood, but 9 miles to the northwest in Preston County. The WV Property Search Tool located the correct parcel through a **Deed Book Number** and **Page** search.

WV Property Search: Deed Book

LOMA 97-03-298A, Project ROUTE 27/3 - DILLON CREEK

WV Real Estate Assessment Data				
About	New Search	Structure Drawing		
Parcel ID	39-02-0013-0084-0001	Tax Year	2019	County
Root PID	39020013008400010000			
Property Owner and Mailing Address				
Owner(s)	WILES RONNIE JR			
Mailing Address	10351 VETERANS MEMORIAL HWY, MASONTOWN, WV 26542			
Property Location				
Physical Address	78 SUNNY HILL RD			
E-911 Address	78 SUNNY HILL RD 26542 MASONTOWN WV 26542			
Parcel ID	39-02-0013-0084-0001			
County	39 - Preston			
District	2 - Valley District			
Map	0013 (Click for PDF tax map)			
Parcel No.	0084			
Parcel Suffix	0001			
Map View Link	https://mapwv.gov/parcel/?pid=39-02-0013-0084-0001			
General Information				
Tax Class	Book / Page	Deeded Acres	Calculated Acres	Legal Description
3	682 / 763	1.000	1.00	SUR 1 DILLONS CR
			1.00	
Cost Value		Appraisal Value		
Dwelling Value	---	Land Appraisal	\$20,000	
Other Bldg/Yard Values	\$0	Building Appraisal	\$142,800	
Commercial Value	\$142,800	Total Appraisal	\$162,800	
Building Information				
Property Class	C - Commercial			
Land Use	105 - Mixed Residential/Commercial			
Use Type	11-Apartment, 83-Multi-Use - Sales			
Living Area	11,475			

Bldg/ Card	Year Built	Stories	Units	CG	Exterior Wall	Construction Type	Commercial Basement	Square Feet	Building Value
1	1983	2	0	1P	Frame	Wood frame/Joist/Beam	First Basement	11,475	\$142,800
			0					11,475	\$142,800

Flood Zone Information		Learn more at
Acres (c.)	Risk	WV Flood Tool
1.00	High	This parcel appears to be in a HIGH RISK flood hazard zone.

Sales History							Learn More
Sale Date	Price	Sale Type	Source Code	Validity Code	Book	Page	
9/5/2007	\$120,000	Land and Buildings	3	0	682	763	
5/1/1983	\$7,500	Land only	4	3			

Parcel History									
Tax Year	Tax Class	Owner	Owner Address	Book/ Page	Legal Description	Land	Building	Total	
2019	3	WILES RONNIE JR	10351 VETERANS MEMORIAL HWY, MASONTOWN, WV	682/ 763	SUR 1 DILLONS CR	\$20,000	\$142,800	\$162,800	

Show/Hide Parcel History Prior to 2015									
2014	3	WILES RONNIE JR	10351 VETERANS MEMORIAL HWY, MASONTOWN, WV 26542	682/ 763	SUR 1 DILLONS CR	\$20,000	\$127,800	\$147,800	
2013	3	WILES RONNIE JR	10351 VETERANS MEMORIAL HWY, MASONTOWN, WV 26542	682/ 763	SUR 1 DILLONS CR	\$12,500	\$123,800	\$136,300	
2012	3	WILES RONNIE JR	10351 VETERANS MEMORIAL HWY, MASONTOWN, WV 26542	682/ 763	SUR 1 DILLONS CR	\$12,500	\$106,800	\$119,300	

Deed Book: 505/177

2008	2	NUCE DAVID P & NETTIE A	PO BOX 159, MASONTOWN, WV 26542	505/ 177	SUR 1 DILLONS CR (RES PORTION)	\$6,250	\$51,450	\$57,700	
2008	3	NUCE DAVID P & NETTIE A	PO BOX 159, MASONTOWN, WV 26542	505/ 177	DAVES TRACTOR & EQUIPMENT (ON SUR 1 DILLONS CR)	\$6,250	\$51,450	\$57,700	

<https://mapwv.gov/assessment//Detail/?PID=39020013008400010000>

Correct parcel location of LOMA 97-03-298A was identified by a prior owner and **Deed Book Number 505/177** back to year 2008

WV Property Search: Deed Book

“Prior Ownership” WV Property Search: www.mapwv.gov/property

LOMA 97-03-298A, Project ROUTE 27/3 - DILLON CREEK

Route 27/3

Positionally Verified LOMA 97-03-298A

Dillon Creek

Parcel Detailed Report

Field	Value
IAS Parcel ID	02 13008400010000 (Detailed Report)
GIS Parcel ID	39-02-0013-0084-0001
County ID	39 - Preston
District Name	2 - Valley District
Map	13 (click map # for a P Make sure the popup
Parcel Number	84
Parcel Suffix	1
Legal Description	SUR 1 DILLONS CR
Acreage (deed)	1
Tax Year	2019
Tax Class	3
Deed Book	682
Deed Page	763

1 Acre

Prior Deed 505 / 177

See Parcel History in Assessment Report

Flood Hazard Area: Location is WITHIN the FEMA 100-year floodplain.
Flood Zone: AE
Stream: Dillon Creek
Watershed (HUC8): Upper Monongahela (5020003)

FEMA's Flood Map: 54077C0145D
Map Effective Date: 6/5/2012
Contacts: Preston

Flood Height: 1701 ft (BFE - Non-Restudy)
Water Depth: About 2.3 ft (Source: HEC-RAS)
HEC-RAS Model: N/A

Flood Profile: 54077_067

Community: Preston County
CID: 540160 **CRS Class:** 10

Location (lat, long): (39.529992, -79.795569)
Location (UTM 17N): (4376285, 603513)

External Viewers:

Elevation: About 1698 ft (Source: WVDEP 2010-11)

Address: 78 SUNNY HILL RD, MASONTOWN, WV, 26542

Parcel: 39-02-0013-0084-0001 | Assessment

Flood Risk Information
Flood Risk Assessment
3D Flood Visualization

Correct positional location of LOMA 97-03-298A verified with LOMA Document by Deed Number (505/177), Parcel Size (1 acre), Flood Source (Dillon Creek), and Highway Number 27/3.

WV Property Search: Deed Book

LOMA 97-03-298A, Project ROUTE 27/3 - DILLON CREEK

WV Flood Tool
Remember: When In Doubt, It's Not Out!

Views: Public | **Expert** | Risk MAP | Layers: Flood | Reference | Basemaps | Search: Address: e.g., 123 street name, city, state, zip | Tools: [Icons]

Positionally Verified LOMA 97-03-298A

LOMA Determination and Revalidation Status in Error

LOMA Case 97-03-298A (Position Validated)

CATEGORY	LOMA
Case #	97-03-298A
PROJECT	ROUTE 27/3 - DILLON CREEK
LOT TYPE	Single lot
OUTCOME	Structure removed-Property partially inundated
SFHA Status	LOMA OUT-STRUCTURE REMOVED
DETERMINATION	Removal
DATE	6/9/1997 <i>Wrong</i>
REVALIDATION	Not incorporated
CID	540160
COMMUNITY	PRESTON COUNTY*

<https://www.mapwv.gov/flood/map/?wkid=102100&x=-8882817&y=4797874&l=11&v=1>

Flood Hazard Area: Location is WITHIN the FEMA 100-year floodplain.
Flood Zone: AE
Stream: Dillon Creek
Watershed (HUC8): Upper Monongahela (5020003)

FEMA's Flood Map: 54077C0145D | NFHL
Map Effective Date: 6/5/2012
Contacts: Preston
Flood Height: 1701 ft (BFE - Non-Restudy) | More Info
Water Depth: About 1.2 ft (Source: HEC-RAS)
HEC-RAS Model: N/A | All Models
Flood Profile: 54077_067
Community: Preston County
CID: 540160 | CRS Class: 10
Location (lat, long): (39.529987, -79.795703)
Location (UTM 17N): (4376284, 603502)
External Viewers: [Icons]
Elevation: About 1699 ft (Source: WVDEP 2010-11)
Address: 78 SUNNY HILL RD, MASON TOWN, WV, 26542
Parcel: 39-02-0013-0084-0001 | Assessment | Assessment
Flood Risk Information: Related Resources
Flood Risk Assessment | 3D Flood Visualization

FEMA LOMA 97-03-298A: Positional Accuracy, Determination Status, and Revalidation Status in Error

Flood Tool Applications

☐ Floodplain Management

- Property Identification
- Property Search Tools
- Flood Determinations
- NFIP / Community Rating System



☐ Risk Mapping, Assessment, and Planning

- Risk Identification and Mapping
- Risk Assessment
- Risk Mitigation & Planning
- Risk Communications



☐ Disaster Assessment



WV Flood Tool

Disaster Assessments

Subject: Letter of Appreciation for Support to FEMA-4331-DR-WV

I want to personally thank you and your colleagues at the West Virginia GIS Technical Center for the outstanding support your website <https://www.mapwv.gov/flood/map/> provided to the Individual Assistance Program as part of the Federal Emergency Management Agency (FEMA) response to July's Severe Storms and Flooding in northern West Virginia.

Our IA teams were able to match Preliminary Damage Assessment (PDA), 911 addresses, and registration data sets to your parcel data to ensure all impacted individuals and families were contacted by our Disaster Survivor Assistance Teams and registered for assistance. Once registered, we were able to assist in resolving a myriad of issues, including property ownership and property mapping location.

My staff remarked the website was easy to navigate, and the ultimate compliment, "it got the job done". We were able to respond more quickly to the needs of the survivors in a more timely manner. Your support to the whole community partnership has allowed the FEMA team to support the residents of West Virginia efficiently and effectively. We are fortunate to have you as a team partner. Your dedication is much appreciated by FEMA as well as the communities who were affected by this most recent disaster.

Thank you for your continued support.

Sincerely,



Steven S. Ward
Federal Coordinating Officer
FEMA-4331-DR-WV

U.S. Department of Homeland Security
Federal Emergency Management Agency
West Virginia Joint Field Office
426 Leon Sullivan Way
Charleston, WV 25301

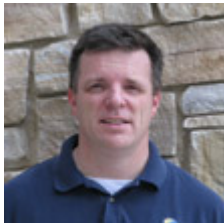


FEMA

**FEMA Letter dated September 29, 2017, about
WV Flood Tool support for Disaster Assessments**

Flood Risk Development Team

Full and Part-Time Staff



Kurt Donaldson
Manager



Maneesh Sharma
GIS Analyst /
Flood Risk
Specialist



Xiannian Chen
GIS Programmer



Yibing Han
GIS Programmer



Jim Schindling
Database
Programmer



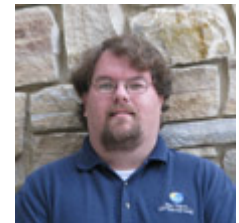
Eric Hopkins
GIS Analyst /
Flood Risk
Specialist



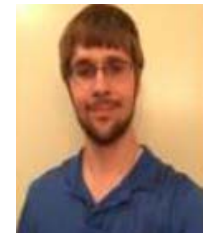
Kevin Kuhn
GIS Analyst /
Address-Parcel
Specialist



Behrang Bidadian
GRA
Shelter Models



Frank LaFone
Systems
Administrator



Kevin Shrader
GRA
Building Inventory,
Flood Visualization

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