

## Storm Data and Unusual Weather Phenomena - September 2021

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>ATLANTIC NORTH</b>				
<b>TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- (DCA)REAGAN NATIONAL AIRPORT [38.86, -77.03]</b>				
	09/01/21 02:37 EST	0		Marine Thunderstorm Wind (MG 36 kt)
	09/01/21 02:37 EST	0		Source: ASOS
A wind gust of 36 knots (41 MPH) was measured by the ASOS at Ronald Reagan Washington National Airport (KDCA) adjacent to the upper tidal Potomac River.				
<b>PATAPSCO RIVER INCLUDING BALTIMORE HARBOR COUNTY --- BALTIMORE KEY BRIDGE (FSKM2) [39.22, -76.53]</b>				
	09/01/21 04:00 EST	0		Marine Thunderstorm Wind (MG 43 kt)
	09/01/21 04:00 EST	0		Source: Broadcast Media
A wind gust of 43 knots (49 MPH) was measured by a buoy near the I-695 Francis Scott Key Bridge.				
<b>CHESAPEAKE BAY DRUM PT TO SMITH PT VA COUNTY --- LOWER HOOPER ISLAND (HPR) [38.26, -76.18]</b>				
	09/01/21 13:35 EST	0		Marine Thunderstorm Wind (MG 50 kt)
	09/01/21 13:35 EST	0		Source: Buoy
A wind gust of 50 knots (58 MPH) was measured by a buoy near Hooper Island.				
<b>TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- POINT LOOKOUT (PTL) [38.04, -76.32]</b>				
	09/01/21 15:15 EST	0		Marine Thunderstorm Wind (MG 53 kt)
	09/01/21 15:15 EST	0		Source: Buoy
A wind gust of 53 knots (61 MPH) was measured by a buoy near Point Lookout.				
<b>The remnants of Ida produced gusty winds and tornadoes near the tidal Potomac River and Chesapeake Bay.</b>				
<b>TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY --- CRISFIELD CG (CRS) [37.97, -75.88]</b>				
	09/08/21 14:55 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	09/08/21 14:55 EST	0		Source: Buoy
A thunderstorm produced an estimated wind gust to 34 knots (39 MPH) near a buoy near Crisfield.				
<b>CHESAPEAKE BAY DRUM PT TO SMITH PT VA COUNTY --- POINT LOOKOUT (PTL) [38.04, -76.32]</b>				
	09/08/21 22:29 EST	0		Marine Thunderstorm Wind (MG 34 kt)
	09/08/21 22:35 EST	0		Source: Buoy
Wind gusts of up to 34 knots (39 MPH) were measured by a buoy near Point Lookout.				
<b>Thunderstorms produced isolated gusty winds during the afternoon, with additional gusty winds in the evening and overnight.</b>				
<b>CHESAPEAKE BAY N OF POOLES IS MD COUNTY --- 4.4 SSW SUSQUEHANNA RIVER BUOY (44057) [39.48, -76.10]</b>				
	09/15/21 21:38 EST	0		Marine Thunderstorm Wind (MG 55 kt)
	09/15/21 21:40 EST	0		Source: AWOS
Wind gusts of up to 55 knots (63 MPH) were measured by the AWOS at Aberdeen Proving Ground (KAPG).				
<b>A line of thunderstorms produced strong winds over the upper Chesapeake Bay.</b>				
<b>CHESAPEAKE BAY POOLES IS TO SANDY PT MD COUNTY --- HART MILLER ISLAND (HRT) [39.25, -76.37]</b>				
	09/16/21 16:13 EST	0		Marine Thunderstorm Wind (MG 34 kt)
	09/16/21 16:18 EST	0		Source: Buoy
Wind gusts of up to 34 knots were measured by a buoy near Hart Miller Island.				
<b>A thunderstorm produced gusty winds over the upper Chesapeake Bay.</b>				
<b>TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- POTOMAC LIGHT 33 (LT3) [38.34, -76.99]</b>				

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	09/22/21 13:33 EST		0	Marine Thunderstorm Wind (MG 34 kt)
	09/22/21 13:33 EST		0	Source: Buoy

A wind gust of 34 knots (39 MPH) was measured by a buoy near Dahlgren.

### TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- 2.7 SE LEESYLVANIA STATE PARK (LSLVN) [38.64, -77.22]

09/22/21 13:52 EST	0	Marine Thunderstorm Wind (MG 35 kt)
09/22/21 13:57 EST	0	Source: Buoy

Wind gusts of up to 35 knots (40 MPH) were measured by a buoy in Occoquan Bay.

### TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- 3.3 WSW WOODLAWN ES (ALVND) [38.71, -77.18]

09/22/21 14:06 EST	0	Marine Thunderstorm Wind (EG 34 kt)
09/22/21 14:06 EST	0	Source: ASOS

A thunderstorm produced an estimated wind gust to 34 knots (39 MPH) near the ASOS at Fort Belvoir (KDAA) adjacent to the upper tidal Potomac River.

### TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- 1.2 ESE LONG BRANCH ES (ARLNL) [38.86, -77.07]

09/22/21 14:25 EST	0	Marine Thunderstorm Wind (MG 41 kt)
09/22/21 14:25 EST	0	Source: Mesonet

A wind gust of 41 knots (47 MPH) was measured by a mesonet at Hoffman-Boston Elementary School adjacent to the upper tidal Potomac River.

### TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- GEORGE MASON ES (ALXD2) [38.83, -77.07]

09/22/21 14:25 EST	0	Marine Thunderstorm Wind (MG 34 kt)
09/22/21 14:25 EST	0	Source: Mesonet

A wind gust of 34 knots (39 MPH) was measured by a mesonet at George Mason Elementary School adjacent to the upper tidal Potomac River.

### TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- (DCA)REAGAN NATIONAL AIRPORT [38.86, -77.03]

09/22/21 14:29 EST	0	Marine Thunderstorm Wind (EG 34 kt)
09/22/21 14:29 EST	0	Source: ASOS

A thunderstorm produced an estimated wind gust to 34 knots (39 MPH) near the ASOS at Ronald Reagan Washington National Airport (KDCA) adjacent to the upper tidal Potomac River.

### TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- WASHINGTON DC (WASD2) [38.87, -77.02]

09/22/21 14:29 EST	0	Marine Thunderstorm Wind (MG 34 kt)
09/22/21 14:29 EST	0	Source: Mesonet

A wind gust of 34 knots (39 MPH) was measured by a mesonet near DC Southwest Waterfront.

### TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- MONROE CREEK (MON) [38.23, -76.95]

09/22/21 15:18 EST	0	Marine Thunderstorm Wind (MG 42 kt)
09/22/21 15:33 EST	0	Source: Buoy

Wind gusts of up to 42 knots (48 MPH) were measured by a buoy near Monroe Creek.

### TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- 1.4 NNE BABER POINT (BAB) [38.33, -77.02]

09/22/21 15:21 EST	0	Marine Thunderstorm Wind (MG 42 kt)
09/22/21 15:21 EST	0	Source: Buoy

A wind gust of 42 knots (48 MPH) was measured by a buoy near Dahlgren.

### TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- BABER POINT (BAB) [38.31, -77.03]

09/22/21 15:22 EST	0	Marine Thunderstorm Wind (EG 34 kt)
09/22/21 15:27 EST	0	Source: Buoy

A thunderstorm produced estimated wind gusts to 34 knots (39 MPH) near a buoy near Baber Point.

### TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- CUCKOLD CREEK (CCK) [38.31, -76.93]

## Storm Data and Unusual Weather Phenomena - September 2021

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	09/22/21 15:23 EST		0	Marine Thunderstorm Wind (MG 43 kt)
	09/22/21 15:43 EST		0	Source: Buoy

Wind gusts of up to 43 knots (49 MPH) were measured by a buoy near Cuckold Creek.

<b>TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- POTOMAC LIGHT 33 (LT3) [38.34, -76.99]</b>				
	09/22/21 15:28 EST		0	Marine Thunderstorm Wind (MG 43 kt)
	09/22/21 15:38 EST		0	Source: Buoy

Wind gusts of up to 43 knots (49 MPH) were measured by a buoy near Dahlgren.

<b>TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- QUANTICO (KNYG) [38.51, -77.30]</b>				
	09/22/21 15:50 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	09/22/21 15:50 EST		0	Source: ASOS

A thunderstorm produced an estimated wind gust to 34 knots (39 MPH) near the ASOS at Quantico Marine Base (KNYG) adjacent to the tidal Potomac River.

<b>TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- 2.7 SE LEESYLVANIA STATE PARK (LSLVN) [38.64, -77.22]</b>				
	09/22/21 15:57 EST		0	Marine Thunderstorm Wind (MG 34 kt)
	09/22/21 16:02 EST		0	Source: Buoy

Wind gusts of up to 34 knots (39 MPH) were measured by a buoy in Occoquan Bay.

<b>TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- (DCA)REAGAN NATIONAL AIRPORT [38.86, -77.03]</b>				
	09/22/21 16:18 EST		0	Marine Thunderstorm Wind (MG 36 kt)
	09/22/21 16:18 EST		0	Source: ASOS

A wind gust of 36 knots (41 MPH) was measured by the ASOS at Ronald Reagan Washington National Airport (KDCA) adjacent to the upper tidal Potomac River.

<b>TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- WASHINGTON DC (WASD2) [38.87, -77.02]</b>				
	09/22/21 16:24 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	09/22/21 16:24 EST		0	Source: Broadcast Media

A thunderstorm produced an estimated wind gust to 34 knots (39 MPH) near a buoy in Washington Channel.

**Several showers and thunderstorms produced gale to storm force wind gusts.**

<b>TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- (DCA)REAGAN NATIONAL AIRPORT [38.86, -77.03]</b>				
	09/23/21 05:31 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	09/23/21 05:31 EST		0	Source: ASOS

A thunderstorm produced an estimated wind gust to 34 knots (39 MPH) near the ASOS at Ronald Reagan Washington National Airport (KDCA) adjacent to the upper tidal Potomac River.

<b>TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- POTOMAC LIGHT 33 (LT3) [38.34, -76.99]</b>				
	09/23/21 05:33 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	09/23/21 05:33 EST		0	Source: Buoy

A thunderstorm produced an estimated wind gust to 34 knots (39 MPH) near a buoy near Dahlgren.

<b>CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- 2.3 WSW THOMAS POINT (TPLM2) [38.88, -76.48]</b>				
	09/23/21 07:25 EST		0	Marine Thunderstorm Wind (MG 50 kt)
	09/23/21 07:25 EST		0	Source: Buoy

A wind gust of 50 knots (58 MPH) was measured by a buoy near Saunders Point Light.

<b>CHOPTANK RIVER TO CAMBRIDGE MD AND THE LITTLE CHOPTANK RIVER COUNTY --- 6.3 WSW CHOPTANK RIVER (CHOP) [38.60, -76.26]</b>				
	09/23/21 08:05 EST		0	Marine Thunderstorm Wind (EG 48 kt)
	09/23/21 08:05 EST		0	Source: Mesonet

A thunderstorm produced an estimated wind gust to 48 knots (55 MPH) near a mesonet on Kim Drive adjacent to the tidal Choptank River.

## Storm Data and Unusual Weather Phenomena - September 2021

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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Several showers and thunderstorms produced gusty winds during the morning hours.

### DISTRICT OF COLUMBIA

**DISTRICT OF COLUMBIA COUNTY --- 1.0 N MOUNT PLEASANT [38.94, -77.05], 0.7 ENE TENLEYTOWN [38.95, -77.06], 0.8 ENE TENLEYTOWN [38.95, -77.06], 1.2 E TENLEYTOWN [38.95, -77.05]**

09/01/21 03:29 EST	0	Flash Flood (due to Heavy Rain)
09/01/21 05:29 EST	0	Source: Broadcast Media

Broad Branch Drive Northwest was washed out between Davenport Street Northwest and Ridge Road Northwest. Trees and boulders were floating across where the roadway used to be.

**DISTRICT OF COLUMBIA COUNTY --- 0.8 WSW WALTER REED [38.98, -77.04], 1.4 SW WALTER REED [38.97, -77.05], 1.3 SW WALTER REED [38.97, -77.04], 0.6 SW WALTER REED [38.98, -77.04], 0.6 WSW WALTER REED [38.98, -77.04]**

09/01/21 06:32 EST	0	Flood (due to Heavy Rain)
09/01/21 13:46 EST	0	Source: River/Stream Gage

The water level along the Rock Creek in Washington DC rose above flood stage of 7 feet, cresting at 8.04 feet at 11:45 AM EST on the 1st of September. Water reached several portions of the Valley Trail between Picnic Areas 7 and 10 in Rock Creek Park.

The remnants of Ida produced instances of flooding and flash flooding across the area. Tropical moisture infiltrated the area and there were moderate amounts of instability as well. This combined with the lift provided from the remnants of Ida led to heavy rainfall during this time. Rainfall amounts averaged around 1-3".

**DISTRICT OF COLUMBIA COUNTY --- 0.5 N LINCOLN MEMORIAL [38.89, -77.05], 0.5 E LINCOLN MEMORIAL [38.88, -77.04], 0.4 N US CAPITOL [38.89, -77.02], 0.8 N US CAPITOL [38.89, -77.02], 0.8 N LINCOLN MEMORIAL [38.89, -77.05], 0.9 NNW LINCOLN MEMORIAL [38.89, -77.06]**

09/16/21 14:53 EST	0	Flood (due to Heavy Rain)
09/16/21 16:53 EST	0	Source: Broadcast Media

Maine Avenue SW Westbound at Independence Avenue closed due to high water.

**DISTRICT OF COLUMBIA COUNTY --- 1.5 SSW GEORGETOWN [38.90, -77.06], 0.6 W GEORGETOWN [38.92, -77.06], 0.3 NE GEORGETOWN [38.92, -77.05], 1.2 N LINCOLN MEMORIAL [38.90, -77.05]**

09/16/21 18:41 EST	0	Flood (due to Heavy Rain)
09/16/21 20:41 EST	0	Source: 911 Call Center

Rock Creek and Potomac Parkway NW closed near K Street NW due to high water.

A light flow aloft along with an unstable atmosphere led to slow moving showers and thunderstorms. Heavy amounts of rain led to instances of flooding.

**DISTRICT OF COLUMBIA COUNTY --- 0.2 N GEORGETOWN [38.92, -77.05]**

09/22/21 14:27 EST	6K	Thunderstorm Wind (EG 50 kt)
09/22/21 14:27 EST	0	Source: Broadcast Media

Several large trees and branches blew down near Rock Creek Park blocking Beach Drive Northwest for several hours; several large branches also blew down nearby in the 4000 block of Calvert Street Northwest.

Several showers and thunderstorms in a strong low-level wind shear environment produced damaging wind gusts.

**DISTRICT OF COLUMBIA COUNTY --- 0.8 NE US CAPITOL [38.89, -77.01], 0.9 E US CAPITOL [38.88, -77.00], 0.6 W US CAPITOL [38.88, -77.03], 0.9 NE LINCOLN MEMORIAL [38.89, -77.04]**

09/23/21 06:02 EST	0	Flood (due to Heavy Rain)
09/23/21 08:02 EST	0	Source: Broadcast Media

The ramp from the 7th Street Southwest to eastbound I-395 Dwight D. Eisenhower Southwest Freeway was closed due to flooding.

**DISTRICT OF COLUMBIA COUNTY --- 0.9 SW WALTER REED [38.97, -77.04], 0.5 SW WALTER REED [38.98, -77.04], 0.8 WSW WALTER REED [38.98, -77.04], 1.1 WSW WALTER REED [38.97, -77.05]**

## Storm Data and Unusual Weather Phenomena - September 2021

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	09/23/21 06:35 EST		0	Flood (due to Heavy Rain)
	09/23/21 13:18 EST		0	Source: River/Stream Gage

The water level along the Rock Creek in Washington DC rose above flood stage of 7 feet, cresting at 7.33 feet at 7:45 AM EST on the 23rd of September. Water reached several portions of the Valley Trail between Picnic Areas 7 and 10 in Rock Creek Park.

A slow moving cold front approached the area on the 22nd before passing through on the 23rd. A deep southerly flow allowed for tropical moisture to move into the area ahead of the boundary. This led to heavy rainfall as the cold front approached, and several instances of flooding along with isolated instances of flash flooding occurred.

### MARYLAND, Central

#### MONTGOMERY COUNTY --- 0.2 S CARDEROCK SPGS [39.00, -77.17]

09/01/21 02:30 EST	4K	Thunderstorm Wind (EG 50 kt)
09/01/21 02:30 EST	0	Source: Broadcast Media

Trees and wires blew down on MD-191 Bradley Boulevard between MD-190 River Road and Seven Locks Road blocking all lanes in both directions.

#### MONTGOMERY COUNTY --- 1.0 S WHITE OAK [39.02, -77.00]

09/01/21 02:40 EST	2K	Thunderstorm Wind (EG 50 kt)
09/01/21 02:40 EST	0	Source: Department of Highways

A tree blew down on westbound I-495 Capital Beltway Outer Loop at Exit 29/MD-193 University Boulevard. A tree blew down blocking one lane of westbound I-495 Capital Beltway Outer Loop near Exit 28B/westbound MD-650 New Hampshire Avenue.

#### PRINCE GEORGE'S COUNTY --- 0.2 SSE BELLEMEAD [38.95, -76.88]

09/01/21 02:57 EST	10K	Thunderstorm Wind (EG 50 kt)
09/01/21 02:57 EST	0	Source: Fire Department/Rescue

A tree blew down onto a house off of Harkins Road.

#### ANNE ARUNDEL COUNTY --- 0.9 S RIVERA BEACH [39.16, -76.52]

09/01/21 03:55 EST	20K	Thunderstorm Wind (EG 60 kt)
09/01/21 03:55 EST	0	Source: Public

Multiple large trees blew down with a few snapped near the top in northeastern Anne Arundel County (near Green Haven and Riverdale).

#### ANNE ARUNDEL COUNTY --- 0.2 E OWENSVILLE [38.85, -76.60], 0.5 W WARDOUR [39.00, -76.51]

09/01/21 13:01 EST	0	Tornado (EF2, L: 11.43 mi , W: 200 yd)
09/01/21 13:23 EST	0	Source: NWS Storm Survey

## Storm Data and Unusual Weather Phenomena - September 2021

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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The remnants of Ida produced one of the strongest tornadoes in the past decade of Maryland's history. Only four other EF2 or stronger tornadoes have occurred in the state in the past 10 years.

On Wednesday afternoon, a tornado that peaked in intensity with winds estimated at 125 mph traveled northeast along a path through Anne Arundel County and the City of Annapolis. It not only snapped numerous trees, but also produced significant structural damage to homes, businesses, and a school. Fortunately, there were no injuries reported, even though it tracked through a heavily populated area. Several eyewitnesses to the event reported getting the NWS Tornado Warning through their cell phone in advance, and sheltering in response to the warning.

From the NWS storm survey, the first damage noted, and recorded touchdown point was in Owensville, Maryland, in southern Anne Arundel County, near the intersection of Sudley Road and Owensville Road. This included a large limb from a tree top over Sudley Road and several portions of large cedar trees snapped along Owensville Road. The tornado moved northeast across rural southern Anne Arundel County before crossing Mill Swamp Road. Here, about a quarter of a mile east of the intersection with Dove Farm Road, dozens of trees and large branches were snapped and uprooted in a path from southwest to northeast as far as you could see in either direction from the road. While the dominant direction of the tree damage was being blown down to the north or northeast, there were trees downed in multiple directions, and many were topped.

The tornado intensified further as it moved into the South River Colony community. Dozens of trees were downed along the easternmost portions of Monarch Drive. Homes near the intersection of Monarch Drive and Red Admiral Court were particularly hard hit by some of the strongest winds of the entire tornado path. Several had significant portions of their roof damaged or removed, and one home in the middle of the track was unroofed entirely. One resident in this area reported seeing the tornado as it approached. The tornado then crossed South River Golf Links before moving into a campus of school buildings that includes South River High School and the Center of Applied Technology South. There it damaged the upper parts of the football field grandstands and concessions stand, damaged the roof, and caused cosmetic damage to some of the upper portions of the Center of Applied Technology South. The schools were left structurally sound, and the staff and some students that were there were able to shelter without injury.

The tornado crossed Central Avenue around 2:11 PM and moved into Edgewater. Here it crossed the communities of Woodland Beach, Londontowne, and Edgewater Park. Dozens of trees and large branches were snapped, and portions of 5 to 10 roofs were noted to have been damaged. One home near the intersection of Millstone Drive and Oakwood Road had only damaged roof trusses remaining of its roof.

The tornado crossed the South River and moved through western portions of the City of Annapolis at peak intensity with winds estimated at 125 mph at 2:20 PM. Several trees were snapped along the path as it crossed Aris T. Allen Boulevard just east of the Annapolis Harbour Center shopping area. It crossed Forest Drive at the intersection of Parole Street. Several homes there sustained roof damage, and one home was unroofed entirely. As it crossed the area near the intersection of West Street and Lee Street, the most substantial structural damage was noted. A large warehouse building had the winds enter the south side of the building and blow out a large portion of the west side cinder block wall. The roof with large metal trusses was largely removed. A fast food restaurant had its sign entirely removed from its post. Another commercial building had its roof removed, significant upper portions of the cinder block building removed, and its large commercial sign post blown over. A strip mall across the street had its windows blown out and flat roof damaged. All the telephone poles and attached wires along this stretch of West Street were downed. Another commercial building had its windows blown out. Several eyewitnesses saw the tornado as it passed.

Additional residential roof damage occurred as the tornado moved north over Bowman Court. From here, the tornado crossed into the community of Admiral Heights. Affected were areas along Halsey Road and adjacent Cedar Park Road. Here, the wind did not directly cause any structural damage, but about a dozen trees were snapped. That included one large, healthy tree about two and a half feet in diameter. The tornado crossed Weems Creek and Rowe Boulevard, and then snapped several trees along Riverview Avenue.

Finally, the tornado crossed US Route 50/301 a few hundred yards west of the Severn River Bridge, snapping trees on both sides of the highway. The final damage noted occurred at the end of Acorn Drive at the last residential property that sits on the shore of the Severn River. Several trees were snapped here. The tornado dissipated here, or as it crossed the Severn River. The survey team was not able to find any damage north of the Severn River, and video evidence from social media indicates the funnel dissipated here.

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**BALTIMORE COUNTY --- 1.3 SSW EVNA [39.56, -76.71]**

09/01/21 13:05 EST	1K	Thunderstorm Wind (EG 50 kt)
09/01/21 13:05 EST	0	Source: Emergency Manager

A tree blew down near the intersection of Cold Bottom Road/Stringtown Road and Yeoho Road.

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**ANNE ARUNDEL COUNTY --- 0.3 SSW ARUNDEL VLG [39.20, -76.60]**

09/01/21 13:25 EST	2K	Thunderstorm Wind (EG 50 kt)
09/01/21 13:25 EST	0	Source: 911 Call Center

Trees blew down on southbound MD-10 Arundel Expressway at MD-710 East Ordnance Road.

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**BALTIMORE COUNTY --- 1.9 ESE FREELAND [39.69, -76.65]**

09/01/21 13:25 EST	1K	Thunderstorm Wind (EG 50 kt)
09/01/21 13:25 EST	0	Source: Emergency Manager

A tree blew down near the intersection of Bentley Road and Edelweiss Way.

## Storm Data and Unusual Weather Phenomena - September 2021

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>BALTIMORE COUNTY --- 0.9 N ROGERS FORGE [39.41, -76.60]</b>				
	09/01/21 13:40 EST		1K	Thunderstorm Wind (EG 45 kt)
	09/01/21 13:40 EST		0	Source: Department of Highways
A tree was reported down on eastbound I-695 Baltimore Beltway Inner Loop at Exit 27A/MD-146 Dulaney Valley Road.				
<b>BALTIMORE COUNTY --- 0.7 WSW FT HOWARD [39.20, -76.44], 3.0 SE (MTN)MARTIN ARPT BAL [39.28, -76.39]</b>				
	09/01/21 13:48 EST		40K	Tornado (EF0, L: 6.73 mi , W: 75 yd)
	09/01/21 14:00 EST		0	Source: NWS Storm Survey
A NWS storm survey team determined that aN EF-0 tornado occurred near Edgemere in Baltimore County, Maryland, on Wednesday afternoon, September 1, 2021. This tornado produced scattered minor tree damage across an approximate 6.7 mile path. This tornado was produced by the same supercell that produced the Anne Arundel County/Annapolis tornado roughly a half hour prior.				
The first damage noted was near Fort Howard Park where there were broken tree branches and a hardwood tree snapped. As the tornado progressed to the northeast, hardwood and softwood trees were snapped and uprooted along Fort Howard Park Road. The tornado continued its northeast trek through North Point State Park where more broken tree branches and softwood trees were found snapped. Sporadic damage continued throughout the park before the tornado crossed the Black River.				
As the tornado moved northeast over Rocky Point, leaf debris and small branches covered Rocky Point Golf Course. The northeast track continued just west of Browns Creek where hardwood trees were sheared on the tree line and tree branches were broken. The last of the damage was found near Holly Beach.				
<b>BALTIMORE COUNTY --- 1.2 WSW CHASE [39.34, -76.40]</b>				
	09/01/21 14:10 EST		1K	Thunderstorm Wind (EG 40 kt)
	09/01/21 14:10 EST		0	Source: Emergency Manager
A tree was reported down on MD-150 Eastern Avenue in Bowleys Quarters.				
<b>CECIL COUNTY --- 2.0 NNW PORT DEPOSIT [39.62, -76.14]</b>				
	09/01/21 15:00 EST		3K	Thunderstorm Wind (EG 50 kt)
	09/01/21 15:00 EST		0	Source: Department of Highways
Trees blew down on MD-222 Susquehanna River Road at Canal Road. A tree blew down on northbound MD-276 Jacob Tome Memorial Highway past Ferry Street.				
<b>CECIL COUNTY --- 0.3 N LESLIE [39.62, -75.95]</b>				
	09/01/21 15:10 EST		2K	Thunderstorm Wind (EG 50 kt)
	09/01/21 15:10 EST		0	Source: 911 Call Center
A tree was reported down on Lums Road. A tree blew down on MD-545 Blue Ball Road at Childs Road.				
<b>The remnants of Ida produced two tornadoes and sporadic straight line wind damage.</b>				
<b>MONTGOMERY COUNTY --- 0.4 ENE AUTREY PARK [39.07, -77.11], 0.5 ENE AUTREY PARK [39.07, -77.11], 0.5 ENE AUTREY PARK [39.07, -77.11], 0.5 ENE AUTREY PARK [39.07, -77.11], 0.5 ENE AUTREY PARK [39.07, -77.11], 0.5 ENE AUTREY PARK [39.07, -77.11]</b>				
	09/01/21 02:45 EST	1	1M	Flash Flood (due to Heavy Rain)
	09/01/21 04:45 EST	3	0	Source: Fire Department/Rescue
Floodwaters rushed into the Rock Creek Woods Apartments shortly before 3 AM EST according to Montgomery County Police and Fire Officials . The water rose almost to the ceilings in some cases. A 19 year old male was deceased due to the floodwaters.				
Three people were hospitalized due to injuries that were not life threatening, and one firefighter suffered minor injuries .				
Direct Fatalities: M19PH				
<b>MONTGOMERY COUNTY --- 0.9 SE TWIN BROOK [39.06, -77.09], 0.8 SE TWIN BROOK [39.06, -77.09], 0.7 ESE TWIN BROOK [39.07, -77.09], 0.8 E TWIN BROOK [39.07, -77.09], 0.7 WSW GLENMONT [39.07, -77.08]</b>				
	09/01/21 02:46 EST		0	Flood (due to Heavy Rain)
	09/01/21 03:18 EST		0	Source: River/Stream Gage

## Storm Data and Unusual Weather Phenomena - September 2021

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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The water level along the Turkey Branch at Rockville rose above flood stage of 10 feet, cresting at 11.35 feet at 3:00 AM on the 1st of September. Water approached the intersection of Turkey Branch Parkway and Danvers Street, and the intersection of Turkey Branch Parkway and Grenoble.

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**MONTGOMERY COUNTY --- 1.1 NNW TAKOMA PARK [38.99, -77.00], 1.1 NNW TAKOMA PARK [38.99, -77.00], 1.1 N TAKOMA PARK [38.99, -77.00], 1.1 N TAKOMA PARK [38.99, -77.00]**

	09/01/21 03:13 EST		0	Flood (due to Heavy Rain)
	09/01/21 03:56 EST		0	Source: River/Stream Gage

The water level along the Sligo Creek at Takoma Park rose above flood stage, cresting at 6.04 feet at 3:40 AM EST on the 1st of September. Sligo Creek Parkway was flooded near the gauge location, just north of Maple Avenue.

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**MONTGOMERY COUNTY --- 1.6 NE POTOMAC [39.03, -77.20], 1.6 ENE POTOMAC [39.03, -77.19], 1.6 ENE POTOMAC [39.03, -77.19], 1.6 ENE POTOMAC [39.03, -77.20], 1.5 NE POTOMAC [39.03, -77.20]**

	09/01/21 03:45 EST		0	Flood (due to Heavy Rain)
	09/01/21 05:45 EST		0	Source: Emergency Manager

Falls Road closed near Nantucket Place due to high water.

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**MONTGOMERY COUNTY --- 1.6 SSW LUXMANOR [39.03, -77.13], 1.7 SSW LUXMANOR [39.03, -77.13], 1.7 S LUXMANOR [39.03, -77.13], 1.6 S LUXMANOR [39.03, -77.13], 1.6 SSW LUXMANOR [39.03, -77.13]**

	09/01/21 03:45 EST		0	Flood (due to Heavy Rain)
	09/01/21 05:45 EST		0	Source: Emergency Manager

Road closed at Democracy Boulevard and Old Georgetown Road due to high water.

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**MONTGOMERY COUNTY --- 1.8 SSW ROCKVILLE [39.06, -77.16], 1.7 SSW ROCKVILLE [39.06, -77.16], 1.6 SSW ROCKVILLE [39.06, -77.16], 1.8 SSW ROCKVILLE [39.06, -77.16], 1.8 SSW ROCKVILLE [39.06, -77.16]**

	09/01/21 03:45 EST		0	Flood (due to Heavy Rain)
	09/01/21 05:45 EST		0	Source: Emergency Manager

Road closed near the intersection of Montrose Road and Seven Locks Road due to high water.

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**MONTGOMERY COUNTY --- 1.8 WSW LUXMANOR [39.04, -77.15], 1.7 WSW LUXMANOR [39.04, -77.15], 1.7 WSW LUXMANOR [39.04, -77.15], 1.8 WSW LUXMANOR [39.04, -77.15], 1.8 WSW LUXMANOR [39.04, -77.15]**

	09/01/21 03:45 EST		0	Flood (due to Heavy Rain)
	09/01/21 05:45 EST		0	Source: Emergency Manager

Road closed at the intersection of Westlake Drive and Tuckerman Lane due to high water.

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**MONTGOMERY COUNTY --- 1.1 ESE WHEATON HILLS [39.07, -77.03], 1.4 ENE WHEATON [39.06, -77.03], 1.3 WSW HOLLYWOOD PARK [39.06, -77.02], 1.2 ESE WHEATON HILLS [39.07, -77.03]**

	09/01/21 04:06 EST		0	Flood (due to Heavy Rain)
	09/01/21 05:20 EST		0	Source: River/Stream Gage

The water level rose above flood stage along the northwest branch of the Anacostia River in Colesville, cresting at 9.50 feet at 4:45 AM on the 1st of September. Backyards of homes on Kemps Mill Road just south of Randolph Road were flooded.

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**BALTIMORE COUNTY --- 0.8 SSE DUNDALK [39.26, -76.52], 0.9 SSE DUNDALK [39.26, -76.52], 0.9 S DUNDALK [39.26, -76.52], 0.8 S DUNDALK [39.26, -76.52]**

	09/01/21 04:09 EST		0	Flood (due to Heavy Rain)
	09/01/21 06:09 EST		0	Source: 911 Call Center

Flooding reported in the 2900 block of Liberty Parkway.

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**PRINCE GEORGE'S COUNTY --- 0.7 SSE OAK CREST [39.07, -76.84], 0.9 SSE OAK CREST [39.07, -76.84], 0.9 SSE OAK CREST [39.07, -76.84], 0.8 SSE OAK CREST [39.07, -76.84]**

	09/01/21 04:13 EST		0	Flood (due to Heavy Rain)
	09/01/21 06:13 EST		0	Source: Public

Water rescue near Brock Bridge Road and Laurel-Bowie Road.

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**BALTIMORE CITY (C) COUNTY --- 0.9 WNW CANTON [39.29, -76.60], 0.6 NW CANTON [39.29, -76.59], 0.4 W CANTON [39.28, -76.59], 0.9 W CANTON [39.28, -76.60]**

## Storm Data and Unusual Weather Phenomena - September 2021

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	09/01/21 04:14 EST		0	Flood (due to Heavy Rain)
	09/01/21 06:14 EST		0	Source: Broadcast Media

Multiple roads flooded in Fells Point.

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**MONTGOMERY COUNTY --- 1.0 NE TAKOMA PARK [38.98, -76.99], 1.9 SSE KEMP MILL [39.00, -77.01], 1.9 E GEORGETOWN JCT [39.00, -77.01], 1.8 NNW TAKOMA PARK [39.00, -77.01], 1.3 NNW TAKOMA PARK [38.99, -77.01], 0.8 N TAKOMA PARK [38.98, -77.00], 0.7 NNE TAKOMA PARK [38.98, -77.00]**

	09/01/21 04:37 EST		0	Flood (due to Heavy Rain)
	09/01/21 06:37 EST		0	Source: Broadcast Media

Sligo Creek Parkway closed due to flooding between Schuyler Road and MD 650.

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**MONTGOMERY COUNTY --- 0.8 SSW BYFORDE [39.01, -77.07], 0.8 SSW BYFORDE [39.01, -77.07], 0.6 SSW BYFORDE [39.01, -77.07], 0.6 SSW BYFORDE [39.01, -77.07]**

	09/01/21 06:44 EST		0	Flood (due to Heavy Rain)
	09/01/21 08:44 EST		0	Source: Broadcast Media

Kensington Parkway closed due to flooding between Bexhill Drive and Beach Drive.

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**MONTGOMERY COUNTY --- 0.6 SSE BYFORDE [39.01, -77.07], 0.9 S BYFORDE [39.01, -77.07], 1.0 S PARKWOOD [39.01, -77.08], 1.3 W PARKWOOD [39.02, -77.10], 1.1 WSW PARKSIDE [39.03, -77.10], 0.5 NW PARKSIDE [39.03, -77.09]**

	09/01/21 06:58 EST		0	Flood (due to Heavy Rain)
	09/01/21 08:58 EST		0	Source: Broadcast Media

Beach Drive closed between MD 547 and Old Spring Road due to flooding along Rock Creek.

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**MONTGOMERY COUNTY --- 1.6 S KEMP MILL [39.01, -77.02], 1.5 S KEMP MILL [39.01, -77.02], 0.7 SW KEMP MILL [39.02, -77.03], 0.8 E CAPITOL VIEW PARK [39.02, -77.03], 1.3 ESE CAPITOL VIEW PARK [39.01, -77.03]**

	09/01/21 07:12 EST		0	Flood (due to Heavy Rain)
	09/01/21 09:12 EST		0	Source: Broadcast Media

Sligo Creek Parkway closed due to flooding between US 29 and Dennis Avenue.

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**BALTIMORE CITY (C) COUNTY --- 1.1 E BAY VIEW [39.30, -76.53], 1.2 ESE BAY VIEW [39.29, -76.53], 1.0 ESE BAY VIEW [39.30, -76.53], 0.9 E BAY VIEW [39.30, -76.53], 1.0 E BAY VIEW [39.30, -76.53]**

	09/01/21 07:23 EST		0	Flood (due to Heavy Rain)
	09/01/21 09:23 EST		0	Source: 911 Call Center

Flooding reported at North Point Boulevard and Kane Street.

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**CECIL COUNTY --- 0.8 NE ELKTON [39.61, -75.82], 0.8 NE ELKTON [39.61, -75.82], 0.7 NE ELKTON [39.61, -75.82], 0.7 NE ELKTON [39.61, -75.82]**

	09/01/21 08:35 EST		0	Flood (due to Heavy Rain)
	09/01/21 10:35 EST		0	Source: Department of Highways

MD 7/Delaware Avenue closed at Big Elk Creek due to flooding.

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**MONTGOMERY COUNTY --- 2.0 ESE ROCKVILLE [39.07, -77.12], 0.5 ENE AUTREY PARK [39.07, -77.11], 0.5 ENE AUTREY PARK [39.07, -77.11], 0.6 SSE AUTREY PARK [39.06, -77.12], 0.6 SSE AUTREY PARK [39.06, -77.12]**

	09/01/21 08:39 EST		0	Flood (due to Heavy Rain)
	09/01/21 10:39 EST		0	Source: Broadcast Media

Twinbrook Parkway closed due to flooding between MD 586 and Parklawn Drive.

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**ALLEGANY COUNTY --- CUMBERLAND [39.65, -78.77], 0.4 NE CUMBERLAND [39.65, -78.77], 0.7 E CUMBERLAND [39.65, -78.76], 0.6 ESE CUMBERLAND [39.65, -78.76]**

	09/01/21 11:15 EST		0	Flood (due to Heavy Rain)
	09/01/21 13:15 EST		0	Source: 911 Call Center

Several roads closed due to high water.

## Storm Data and Unusual Weather Phenomena - September 2021

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>ALLEGANY COUNTY --- FROSTBURG [39.65, -78.93], 0.7 ESE FROSTBURG [39.65, -78.92], 0.6 W ECKHART MINES [39.65, -78.91], 0.8 N FROSTBURG [39.66, -78.93], 0.4 NNW FROSTBURG [39.66, -78.93]</b>				
	09/01/21 11:15 EST		0	Flood (due to Heavy Rain)
	09/01/21 13:15 EST		0	Source: 911 Call Center
Several roads closed due to flooding.				
<b>ALLEGANY COUNTY --- MT SAVAGE [39.70, -78.88], 0.5 WSW MT SAVAGE [39.70, -78.89], 0.7 S MT SAVAGE [39.69, -78.88], 0.5 SE MT SAVAGE [39.70, -78.87]</b>				
	09/01/21 11:15 EST		0	Flood (due to Heavy Rain)
	09/01/21 13:15 EST		0	Source: 911 Call Center
Several roads closed in and near Mount Savage due to high water.				
<b>GARRETT COUNTY --- 0.4 ENE THAYERVILLE [39.50, -79.32], 0.2 NE THAYERVILLE [39.50, -79.33], 0.3 ESE THAYERVILLE [39.50, -79.33], 0.4 E THAYERVILLE [39.50, -79.32]</b>				
	09/01/21 11:15 EST		0	Flood (due to Heavy Rain)
	09/01/21 13:15 EST		0	Source: 911 Call Center
Glendale Road at Zeddock Miller Road closed due to high water.				
<b>GARRETT COUNTY --- 0.4 ESE SANG RUN [39.57, -79.42], 0.4 ESE SANG RUN [39.57, -79.42], 0.5 ESE SANG RUN [39.57, -79.42], 0.4 ESE SANG RUN [39.57, -79.42]</b>				
	09/01/21 11:15 EST		0	Flood (due to Heavy Rain)
	09/01/21 13:15 EST		0	Source: 911 Call Center
Sang Run Road at Oakland Sang Run Road closed due to high water.				
<b>ALLEGANY COUNTY --- 0.6 NNE ALLEGANY [39.68, -78.90], 0.4 N ALLEGANY [39.68, -78.90], 0.6 NNE ALLEGANY [39.68, -78.89], 0.7 NNE ALLEGANY [39.68, -78.90]</b>				
	09/01/21 11:47 EST		0	Flood (due to Heavy Rain)
	09/01/21 13:47 EST		0	Source: Department of Highways
MD 36 closed at Jennings Run due to flooding.				
<b>ALLEGANY COUNTY --- 0.5 NW MT SAVAGE [39.70, -78.89], 0.7 SW MT SAVAGE [39.69, -78.89], 0.7 SE MT SAVAGE [39.69, -78.87], 0.9 WNW BARRELVILLE [39.71, -78.86]</b>				
	09/01/21 12:05 EST		0	Flash Flood (due to Heavy Rain)
	09/01/21 12:45 EST		0	Source: Fire Department/Rescue
There were five reports of roads closed in western Allegany County , mainly near Georges Creek and Mount Savage. One swift water rescue occurred due to an individual stuck in flood waters.				
<b>ALLEGANY COUNTY --- 0.7 NNE LUKE [39.49, -79.04], 0.5 NE LUKE [39.49, -79.05], 0.3 NE LUKE [39.48, -79.05], 0.3 NE LUKE [39.48, -79.05], 0.5 NNE LUKE [39.49, -79.05], 0.6 NNE LUKE [39.49, -79.05]</b>				
	09/01/21 12:23 EST		0	Flood (due to Heavy Rain)
	09/01/21 16:58 EST		0	Source: River/Stream Gage
The water level along Georges Creek at Westernport rose above flood stage , cresting 9.41 feet at 1:45 PM EST on the 1st of September. Water overflowed out of Georges Creek into low-lying areas in the city of Westernport.				
<b>ALLEGANY COUNTY --- 0.3 ESE CUMBERLAND [39.65, -78.77], 0.7 S ECKHART JCT [39.66, -78.78], 0.3 NNE LONG [39.67, -78.80], 0.7 NW LOCUST GROVE [39.69, -78.79], 1.0 N LOCUST GROVE [39.69, -78.78]</b>				
	09/01/21 12:55 EST		0.20M	Flood (due to Heavy Rain)
	09/01/21 23:00 EST		0	Source: River/Stream Gage
The water level along the Wills Creek in Cumberland rose above major flood stage, cresting at 14.10 feet at 7:15 PM on the first of September. Several businesses at Motor City and outside the levee protection north of Cumberland were flooded along with at least a couple homes in Locust Grove. Water approached low spots on Route 36, possibly affecting one lane.				
<b>FREDERICK COUNTY --- EMMITSBURG [39.70, -77.33], 1.8 ENE SABILLASVILLE [39.71, -77.44], 0.9 ESE GARFIELD [39.59, -77.52], 0.7 NE LEWISTOWN [39.54, -77.41], 1.1 NW LADIESBURG [39.59, -77.28]</b>				

## Storm Data and Unusual Weather Phenomena - September 2021

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	09/01/21 13:10 EST		0	Flood (due to Heavy Rain)
	09/01/21 15:10 EST		0	Source: 911 Call Center

At least 20 roads closed in the northern portion of Frederick County due to flooding.

**FREDERICK COUNTY --- 1.3 SE CATOCTIN FURNACE [39.57, -77.42], 1.4 SE CATOCTIN FURNACE [39.56, -77.42], 1.5 SE CATOCTIN FURNACE [39.56, -77.41], 1.4 SE CATOCTIN FURNACE [39.57, -77.41]**

	09/01/21 13:59 EST		0	Flash Flood (due to Heavy Rain)
	09/01/21 18:45 EST		0	Source: 911 Call Center

A water rescue occurred near the intersection of Hessong Bridge Road near Blacks Mill Road.

**FREDERICK COUNTY --- 0.6 N NEW MIDWAY [39.58, -77.30], 0.6 NNW NEW MIDWAY [39.58, -77.30], 0.4 NNW NEW MIDWAY [39.58, -77.30], 0.5 N NEW MIDWAY [39.58, -77.30]**

	09/01/21 14:11 EST		0	Flash Flood (due to Heavy Rain)
	09/01/21 18:45 EST		0	Source: 911 Call Center

A water rescue occurred near the intersection of Hiney Road and Legore Road due to high water.

**FREDERICK COUNTY --- 0.2 WSW YELLOW SPGS [39.48, -77.47], 0.7 NNE WALKERSVILLE [39.49, -77.34], 1.4 S MT PLEASANT [39.43, -77.33], 0.5 NNE FREDERICK JCT [39.39, -77.40], 0.8 E FEAGAVILLE [39.38, -77.46], 0.8 NNW BRADDOCK HGTS [39.44, -77.51]**

	09/01/21 14:24 EST		0	Flash Flood (due to Heavy Rain)
	09/01/21 18:45 EST		0	Source: 911 Call Center

There were at least six swift water rescues due to high water across the county.

**FREDERICK COUNTY --- 2.9 NNE LADIESBURG [39.62, -77.24], 2.8 NNE LADIESBURG [39.61, -77.24], 2.9 NE LADIESBURG [39.61, -77.24], 3.1 NNE LADIESBURG [39.62, -77.24]**

	09/01/21 14:30 EST		0	Flood (due to Heavy Rain)
	09/02/21 01:33 EST		0	Source: River/Stream Gage

The water level along the Big Pipe Creek at Bruceville rose above flood stage, cresting at 13.61 feet at 6:00 PM EST on the 1st of September. Keysville-Bruceville Road was flooded.

**BALTIMORE COUNTY --- 0.4 W BALTIMORE MARTIN ST [39.33, -76.43], 0.4 NW (MTN)MARTIN ARPT BAL [39.32, -76.43], 0.3 N (MTN)MARTIN ARPT BAL [39.32, -76.42], 0.2 WNW BALTIMORE MARTIN ST [39.33, -76.42]**

	09/01/21 14:35 EST		0	Flood (due to Heavy Rain)
	09/01/21 14:49 EST		0	Source: River/Stream Gage

The water level along the Middle River rose above flood stage, cresting at 11.02 feet on September 1st at 2:42 PM EST.

**FREDERICK COUNTY --- 1.6 NE FEAGAVILLE [39.40, -77.46], 1.6 NE FEAGAVILLE [39.40, -77.46], 1.6 NE FEAGAVILLE [39.40, -77.46], 1.6 NE FEAGAVILLE [39.40, -77.46]**

	09/01/21 14:41 EST		0	Flash Flood (due to Heavy Rain)
	09/01/21 18:45 EST		0	Source: 911 Call Center

A vehicle was stranded in high water that rapidly developed from heavy rainfall on Jefferson Pike at Greenfield Drive near Butterfly Branch.

**FREDERICK COUNTY --- 0.5 E THURMONT [39.62, -77.41], 0.4 E THURMONT [39.62, -77.41], 0.5 ESE THURMONT [39.62, -77.41], 0.7 ESE THURMONT [39.62, -77.41]**

	09/01/21 14:45 EST		0	Flash Flood (due to Heavy Rain)
	09/01/21 18:45 EST		0	Source: 911 Call Center

A school bus was stuck in high water. Ten students and the driver had to be rescued.

**FREDERICK COUNTY --- 0.5 N HARMONY GROVE [39.46, -77.40], 0.2 SW HARMONY GROVE [39.45, -77.40], 0.2 S HARMONY GROVE [39.45, -77.40], 0.4 NNE HARMONY GROVE [39.46, -77.40], 0.5 N HARMONY GROVE [39.46, -77.40]**

	09/01/21 14:47 EST		0	Flood (due to Heavy Rain)
	09/01/21 16:47 EST		0	Source: Department of Highways

Right side of southbound US 15 blocked by high water.

## Storm Data and Unusual Weather Phenomena - September 2021

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>BALTIMORE COUNTY --- 1.2 NNE TURNER [39.25, -76.51], 1.1 NNE TURNER [39.24, -76.51], 1.1 NNE TURNER [39.24, -76.51], 1.1 NNE TURNER [39.25, -76.51]</b>				
	09/01/21 15:29 EST		0	Flood (due to Heavy Rain)
	09/01/21 17:29 EST		0	Source: Emergency Manager
Flooding reported at Pine Street and Chestnut Street.				
<b>ANNE ARUNDEL COUNTY --- 0.5 NNE ARUNDEL GARDENS [39.21, -76.62], 0.4 NNE ARUNDEL GARDENS [39.21, -76.62], 0.5 NE ARUNDEL GARDENS [39.21, -76.61], 0.6 NNE ARUNDEL GARDENS [39.21, -76.61], 0.6 NNE ARUNDEL GARDENS [39.21, -76.61]</b>				
	09/01/21 15:30 EST		0	Flood (due to Heavy Rain)
	09/01/21 17:30 EST		0	Source: Department of Highways
The on ramp from MD-2 southbound onto I-695 was closed due to flooding.				
<b>FREDERICK COUNTY --- 0.6 S NEW MIDWAY [39.56, -77.30], 0.6 SSE NEW MIDWAY [39.56, -77.30], 0.5 SSE NEW MIDWAY [39.56, -77.30], 0.5 SSE NEW MIDWAY [39.56, -77.30]</b>				
	09/01/21 15:54 EST		0	Flood (due to Heavy Rain)
	09/01/21 17:54 EST		0	Source: Department of Highways
Woodsboro Pike was closed due to flooding near Cash Smith Rd.				
<b>Cecil County --- 0.3 NNE NORTH EAST [39.60, -75.95], 0.5 SSE NORTH EAST [39.59, -75.95], 0.9 ESE NORTH EAST [39.60, -75.93], 0.8 ENE NORTH EAST [39.60, -75.94]</b>				
	09/01/21 15:58 EST		0	Flash Flood (due to Heavy Rain)
	09/01/21 17:00 EST		0	Source: 911 Call Center
Several roads were closed due to high water that developed rapidly from heavy rainfall.				
<b>FREDERICK COUNTY --- 6.1 E EMMITSBURG [39.70, -77.21], 6.2 E EMMITSBURG [39.70, -77.21], 5.8 E EMMITSBURG [39.70, -77.22], 5.8 E EMMITSBURG [39.70, -77.22]</b>				
	09/01/21 16:05 EST		0	Flood (due to Heavy Rain)
	09/02/21 06:58 EST		0	Source: River/Stream Gage
The water level along the Monocacy River at Bridgeport rose above flood stage, cresting at 19.06 feet at midnight on the 2nd of September. Fields and yards were flooded near Bridgeport and Baptist Road was also flooded.				
<b>FREDERICK COUNTY --- 0.6 SSE HARMONY GROVE [39.44, -77.39], 0.5 SSE HARMONY GROVE [39.44, -77.40], 0.5 SE HARMONY GROVE [39.44, -77.39], 0.5 ESE HARMONY GROVE [39.45, -77.39], 0.6 ESE HARMONY GROVE [39.45, -77.39]</b>				
	09/01/21 16:13 EST		0	Flood (due to Heavy Rain)
	09/01/21 18:13 EST		0	Source: Broadcast Media
North Market St. was closed due to flooding south of Liberty Rd.				
<b>HARFORD COUNTY --- 0.4 ESE ABERDEEN [39.52, -76.16], 0.8 SE ABERDEEN [39.51, -76.16], 0.5 WNW SWAN CREEK [39.52, -76.14], 0.9 WNW SWAN CREEK [39.53, -76.15]</b>				
	09/01/21 16:24 EST		0	Flash Flood (due to Heavy Rain)
	09/01/21 17:00 EST		0	Source: 911 Call Center
The ramps from MD-22 to US-40 were blocked due to high water. US-40 was closed due to flash flooding to the east of MD-22 to near Robin Hood Road.				
<b>HARFORD COUNTY --- 0.6 ESE ABERDEEN [39.52, -76.16], 0.7 ESE ABERDEEN [39.51, -76.16], 1.0 W SWAN CREEK [39.52, -76.15], 1.1 W SWAN CREEK [39.52, -76.15]</b>				
	09/01/21 16:24 EST		0	Flood (due to Heavy Rain)
	09/01/21 18:24 EST		0	Source: Department of Highways
The ramps from Aberdeen Thruway to Pulaski Hwy. were closed due to flooding. Additionally, Pulaski Hwy. was also closed due to flooding east of the on ramp from Aberdeen Thruway.				
<b>ALLEGANY COUNTY --- 1.0 SE CORRIGANVILLE [39.69, -78.79], 0.6 NE LONG [39.68, -78.79], 0.5 E LONG [39.67, -78.79], 0.4 WNW ECKHART JCT [39.67, -78.79], 0.8 NNE LOCUST GROVE [39.69, -78.78]</b>				

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	09/01/21 16:28 EST		0	Flood (due to Heavy Rain)
	09/01/21 18:28 EST		0	Source: Trained Spotter

Wills Creek out of banks and flowing onto nearby roads between La Vale and Corriganville.

**CARROLL COUNTY --- 2.0 SSW KEYSVILLE [39.60, -77.28], 1.2 W DETOUR [39.60, -77.29], 1.3 W DETOUR [39.60, -77.29], 0.9 W DETOUR [39.60, -77.29], 0.2 NNW DETOUR [39.60, -77.27], 0.3 N DETOUR [39.60, -77.27]**

	09/01/21 16:30 EST		0	Flood (due to Heavy Rain)
	09/01/21 18:30 EST		0	Source: Department of Highways

MD 77/Rocky Bridge Road closed due to flooding near Circle Drive/Big Pipe Creek.

**CECIL COUNTY --- 1.7 NNW CHARLESTOWN [39.59, -75.99], 1.6 W NORTH EAST [39.60, -75.98], 1.6 W NORTH EAST [39.60, -75.98], 1.6 NNW CHARLESTOWN [39.59, -75.99]**

	09/01/21 16:38 EST		0	Flash Flood (due to Heavy Rain)
	09/01/21 17:00 EST		0	Source: 911 Call Center

US-40 was closed in both directions due to high water between Principio Parkway East and Charlestown Crossing Boulevard.

**CECIL COUNTY --- 1.7 NNW CHARLESTOWN [39.59, -75.99], 1.7 W NORTH EAST [39.60, -75.98], 1.7 WSW NORTH EAST [39.60, -75.98], 1.7 N CHARLESTOWN [39.59, -75.99]**

	09/01/21 16:38 EST		0	Flood (due to Heavy Rain)
	09/01/21 18:38 EST		0	Source: Department of Highways

US 40/Pulaski Highway closed due to flooding between Principio Parkway East and Charlestown Crossing Boulevard.

**ALLEGANY COUNTY --- 0.4 SSW BOWLING GREEN [39.62, -78.80], 0.6 SW BOWLING GREEN [39.61, -78.81], 0.7 SW BOWLING GREEN [39.61, -78.81], 0.6 SW BOWLING GREEN [39.61, -78.81], 0.4 SW BOWLING GREEN [39.62, -78.80]**

	09/01/21 17:22 EST		0	Flood (due to Heavy Rain)
	09/01/21 19:22 EST		0	Source: 911 Call Center

Part of the wall of the foundation of a home on Crocus Avenue collapsed due to flooding.

**CECIL COUNTY --- 1.3 NE ELKTON [39.61, -75.81], 0.5 ENE ELKTON [39.60, -75.82], 0.2 NW ELKTON [39.60, -75.83], 0.4 NNW ELKTON [39.61, -75.83], 1.0 NNE ELKTON [39.61, -75.82], 1.3 NNE ELKTON [39.62, -75.82], 1.5 NNE ELKTON [39.62, -75.82]**

	09/01/21 17:36 EST		0	Flood (due to Heavy Rain)
	09/02/21 03:24 EST		0	Source: River/Stream Gage

The water level rose above flood along the Big Elk Creek in Elk Mills. The water surpassed the major flood stage of 12 feet, cresting at 15.08 feet on September 2nd at 12:45 AM EST. Main and Bridge Streets were submerged in water.

**WASHINGTON COUNTY --- 0.1 E CEARFOSS [39.70, -77.78], 0.4 E BROADFORDING [39.68, -77.79], 0.9 N HUYETT [39.66, -77.80], 0.2 NNW HUYETT [39.65, -77.80], 0.2 NNE HUYETT [39.65, -77.80], 0.2 ESE CEARFOSS [39.70, -77.78]**

	09/01/21 17:49 EST		0	Flood (due to Heavy Rain)
	09/01/21 19:49 EST		0	Source: 911 Call Center

Flooding reported along MD 63/Greencastle Pike between MD 58/Cearfoss Pike and US 40/National Pike.

**PRINCE GEORGE'S COUNTY --- 0.2 SSE BERWYN HGTS [38.97, -76.92], 0.4 S BERWYN HGTS [38.96, -76.92], 0.5 SSE BERWYN HGTS [38.96, -76.92], 0.3 SSE BERWYN HGTS [38.97, -76.92]**

	09/01/21 17:52 EST		0	Flood (due to Heavy Rain)
	09/01/21 19:52 EST		0	Source: Department of Highways

MD 201/Kenilworth Avenue northbound closed due to flooding between Rittenhouse Street and Tuckerman Street.

**ALLEGANY COUNTY --- 0.3 NW KINGS GROVE [39.72, -78.77], 0.2 NE KINGS GROVE [39.72, -78.77], 0.6 SSW KINGS GROVE [39.71, -78.77], 0.5 SSE ELLERSLIE [39.71, -78.78]**

	09/01/21 18:00 EST		0	Flood (due to Heavy Rain)
	09/01/21 20:00 EST		0	Source: Emergency Manager

Lower portion of Ellerslie evacuated due to rising waters and numerous water rescues on Wills Creek.

## Storm Data and Unusual Weather Phenomena - September 2021

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>ALLEGANY COUNTY --- 2.5 NE LITTLE ORLEANS [39.65, -78.35], 2.5 NE LITTLE ORLEANS [39.65, -78.34], 2.7 ENE LITTLE ORLEANS [39.65, -78.34], 2.8 NE LITTLE ORLEANS [39.66, -78.34]</b>				
	09/01/21 18:17 EST		0	Flood (due to Heavy Rain)
	09/02/21 01:57 EST		0	Source: River/Stream Gage
The water level along the Sideling Hill Creek at Bellegrove rose above flood stage, cresting at 9.17 feet at 11:30 PM EST on the 1st of September. Lowlands near the creek were flooded and a low spot on Allegany Line Road was also flooded .				
<b>FREDERICK COUNTY --- 0.4 SE CERESVILLE [39.45, -77.36], 0.8 ENE PEARL [39.41, -77.36], 0.5 NNE GROVE [39.41, -77.38], 0.4 ENE FT DETRICK [39.43, -77.39], 0.4 SE HARMONY GROVE [39.45, -77.40]</b>				
	09/01/21 18:28 EST		0	Flood (due to Heavy Rain)
	09/02/21 23:50 EST		0	Source: River/Stream Gage
The water level along the Monocacy River at Frederick (FRMM2) rose above major flood stage, cresting at 25.86 feet at 11:15 AM EST on the 2nd of September. This is currently the highest level on record, which dates back to October 1st, 2006.				
<b>ALLEGANY COUNTY --- 1.4 E BOWLING GREEN [39.62, -78.77], 1.3 WSW EVITTS CREEK [39.62, -78.77], 0.9 SSW EVITTS CREEK [39.62, -78.76], 0.6 SSW EVITTS CREEK [39.62, -78.76], 0.6 SW EVITTS CREEK [39.62, -78.76]</b>				
	09/01/21 18:43 EST		0	Flood (due to Heavy Rain)
	09/01/21 22:37 EST		0	Source: River/Stream Gage
The water rose above flood stage along the North Branch Potomac River at Cumberland, cresting at 18.34 feet at 9:45 PM EST on the 1st of September. A low spot on Airport Road in Wiley Ford, West Virginia was flooded. A livestock field southeast of the Cumberland Regional Airport also flooded .				
<b>BALTIMORE COUNTY --- 0.8 NW GLENCOE [39.56, -76.64], 0.8 WSW GLENCOE [39.54, -76.64], 0.7 SW GLENCOE [39.54, -76.64], 0.1 WSW GLENCOE [39.55, -76.63], 0.7 NNW GLENCOE [39.56, -76.63]</b>				
	09/01/21 18:53 EST		0	Flood (due to Heavy Rain)
	09/02/21 00:45 EST		0	Source: River/Stream Gage
The water level rose above flood stage of 7 feet, cresting at 7.90 feet on September 1st at 8:40 PM EST. Portions of Upper Glencoe Road and Lower Glencoe Road were flooded.				
<b>FREDERICK COUNTY --- 0.4 NNW CERESVILLE [39.45, -77.37], 0.6 SSE HARMONY GROVE [39.44, -77.40], 0.3 NNW FREDERICK ARPT [39.42, -77.38], 0.1 SSE FREDERICK JCT [39.38, -77.40], 0.6 SE LIME KILN [39.34, -77.42], 1.5 S REELS MILL [39.35, -77.38], 1.1 SE PEARL [39.39, -77.36], 1.7 ENE FREDERICK ARPT [39.43, -77.35]</b>				
	09/01/21 19:22 EST		0	Flood (due to Heavy Rain)
	09/03/21 02:21 EST		0	Source: River/Stream Gage
The water level rose into major flood stage, cresting at 22.10 feet at 2:15 PM on the 2nd of September.				
The water level rose above flood stage, cresting at 19.03 feet at 4:45 AM on the 23rd of September. Significant lowland flooding occurred along the river, with backwater flooding also occurring. Numerous roads were closed. Water reached the parking lot at Gambrill Mill along the Monocacy Battlefield . Backwater flooding from Carroll Creek also approached the underside of the bridge leading to the Frederick city wastewater treatment plant.				
Maryland Route 26 was flooded near the Monocacy River bridge and water reached Gambrill Mill on the Monocacy National Battlefield. Much of Pinecliff Park and Rivermist Park were flooded. Buckeystown Community Park was also flooded.				
<b>WASHINGTON COUNTY --- 1.0 ESE FAIRVIEW [39.72, -77.83], 0.9 NNW CEARFOSS [39.71, -77.78], 0.6 SSW POTOMAC VLY JCT [39.61, -77.81], 1.4 W KEMPS [39.62, -77.85]</b>				
	09/02/21 00:00 EST		0	Flood (due to Heavy Rain)
	09/02/21 19:30 EST		0	Source: River/Stream Gage
The water level rose above the flood stage of 10 feet, cresting at 10.62 feet at 6:00 AM EST on the 2nd of September. Wishard Road and Kemp Mill Road were both flooded.				
<b>ALLEGANY COUNTY --- 0.9 SSE OLDTOWN [39.54, -78.61], 1.0 SSE OLDTOWN [39.54, -78.61], 1.0 SSE OLDTOWN [39.54, -78.61], 0.9 SSE OLDTOWN [39.54, -78.61]</b>				
	09/02/21 00:57 EST		0	Flood (due to Heavy Rain)
	09/02/21 06:07 EST		0	Source: River/Stream Gage
The water level along the Town Creek in Oldtown rose above flood stage of 14 feet, cresting at 15.11 feet on the 2nd of September at 2:30 AM EST. Water overflowed these banks just downstream of the Pack Horse Road bridge.				

## Storm Data and Unusual Weather Phenomena - September 2021

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>FREDERICK COUNTY --- 1.5 S LANTZ [39.65, -77.45], 0.9 WNW BLUE MTN [39.61, -77.45], 0.3 NNW JIMTOWN [39.60, -77.40], 0.7 NNE GRACEHAM [39.63, -77.38], 2.3 NNE THURMONT [39.65, -77.40]</b>				
	09/02/21 01:00 EST		0	Flood (due to Heavy Rain)
	09/02/21 03:00 EST		0	Source: 911 Call Center
Multiple roads closed due to flooding around Thurmont.				
<b>WASHINGTON COUNTY --- 1.4 NNE HANCOCK [39.72, -78.17], 2.1 NE FOREST PARK [39.72, -78.27], 1.3 NE PEARRE [39.64, -78.30], 1.1 ENE HANCOCK [39.70, -78.16]</b>				
	09/02/21 02:00 EST		0	Flood (due to Heavy Rain)
	09/02/21 04:00 EST		0	Source: 911 Call Center
Multiple roads closed due to flooding in western Washington County.				
<b>WASHINGTON COUNTY --- FAIRVIEW [39.72, -77.85], 1.3 N CEARFOSS [39.72, -77.78], 0.1 ESE BROADFORDING [39.68, -77.80], 1.7 WNW BROADFORDING [39.69, -77.83]</b>				
	09/02/21 03:06 EST		0	Flood (due to Heavy Rain)
	09/02/21 05:06 EST		0	Source: River/Stream Gage
Flooding on Conococheague Creek.				
<b>WASHINGTON COUNTY --- 0.4 SSE PECKTONVILLE [39.66, -78.05], 1.0 E PARKHEAD [39.65, -78.05], 1.0 E PARKHEAD [39.65, -78.05], 1.4 SSE PECKTONVILLE [39.65, -78.04], 1.2 ESE PECKTONVILLE [39.66, -78.03], 0.6 ESE PECKTONVILLE [39.67, -78.04]</b>				
	09/02/21 04:20 EST		0	Flood (due to Heavy Rain)
	09/02/21 13:47 EST		0	Source: River/Stream Gage
The water level along the Licking Creek in Pectonville rose above flood stage, cresting at 11.19 feet at 10:15 AM EST on the 2nd of September. The access road to the river gauge off Pectonville Road was flooded, along with portions of Camp Harding Park, and low spots along Licking Creek Road.				
<b>CECIL COUNTY --- 1.1 NNW PORT DEPOSIT [39.61, -76.13], 0.6 ESE PORT DEPOSIT [39.60, -76.11], 0.7 E PORT DEPOSIT [39.60, -76.11], 1.1 NNW PORT DEPOSIT [39.61, -76.13]</b>				
	09/02/21 18:59 EST		0	Flood (due to Heavy Rain)
	09/02/21 21:03 EST		0	Source: River/Stream Gage
The water level along the Conowingo Dam rose above the flood stage of 23.5 feet, cresting at 24.29 feet at 8:00 PM EST on the 2nd of September. Minor flooding occurred in the town of Port Deposit Maryland.				
<b>MONTGOMERY COUNTY --- 4.3 SW POOLESVILLE [39.11, -77.48], 4.4 SW POOLESVILLE [39.10, -77.47], 4.3 SW POOLESVILLE [39.10, -77.47], 4.1 SW POOLESVILLE [39.11, -77.48]</b>				
	09/02/21 23:05 EST		0	Flood (due to Heavy Rain)
	09/03/21 11:07 EST		0	Source: River/Stream Gage
The water level along the Potomac River at Edwards Ferry rose above flood stage, cresting at 15.99 feet at 5:30 AM on the 3rd of September. Water reached the boat ramp and lower parking area at Edwards Ferry and it inundated areas near Whites Ferry.				
<b>The remnants of Ida produced widespread flooding along with instances of flash flooding across the area. Tropical moisture infiltrated the area and there were moderate amounts of instability as well. This combined with the lift provided from the remnants of Ida led to heavy rainfall during this time. Rainfall amounts averaged around 1-3" near and east of Interstate 95, with amounts around 4 to 8 inches across portions of northern and central Maryland. Excess runoff from the heavy rainfall led to river flooding as well.</b>				
<b>FREDERICK COUNTY --- 2.5 S MIDDLETOWN [39.41, -77.54]</b>				
	09/08/21 20:40 EST		5K	Thunderstorm Wind (EG 50 kt)
	09/08/21 20:40 EST		0	Source: 911 Call Center
Several trees and wires blew down around Middletown. Trees and wires blew down near the intersection of Old Middletown Road and Colebrook Lane. Wires blew down on Picnic Woods Road.				
<b>FREDERICK COUNTY --- 2.6 ESE EMMITSBURG [39.68, -77.29]</b>				
	09/08/21 20:45 EST		2K	Thunderstorm Wind (EG 50 kt)
	09/08/21 20:45 EST		0	Source: Trained Spotter
Large tree limbs blew down southeast of Emmitsburg, including along Four Points Bridge Road.				

## Storm Data and Unusual Weather Phenomena - September 2021

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>FREDERICK COUNTY --- 0.5 SE FREDERICK [39.41, -77.41]</b>				
	09/08/21 21:10 EST		1K	Thunderstorm Wind (EG 40 kt)
	09/08/21 21:10 EST		0	Source: Fire Department/Rescue
Wires were reported down in the 100 block of West Patrick Street.				
<b>HARFORD COUNTY --- 1.5 E GLENVILLE [39.60, -76.19]</b>				
	09/08/21 23:37 EST		2K	Thunderstorm Wind (EG 50 kt)
	09/08/21 23:37 EST		0	Source: Department of Highways
Trees blew down near the intersection of MD-161 Darlington Road and Wilkinson Road.				
<b>A line of thunderstorms produced sporadic wind damage across north-central Maryland.</b>				
<b>FREDERICK COUNTY --- 0.5 W FREDERICK [39.42, -77.43], 0.6 WSW FREDERICK [39.42, -77.43], 0.5 SSW FREDERICK [39.41, -77.42], 0.1 W FREDERICK [39.42, -77.42]</b>				
	09/08/21 22:03 EST		0	Flash Flood (due to Heavy Rain)
	09/09/21 00:00 EST		0	Source: 911 Call Center
Several roads were blocked by rising water. Carroll Parkway was covered by four feet of water.				
<b>FREDERICK COUNTY --- 0.4 SSE FREDERICK [39.41, -77.42], 0.5 SSE FREDERICK [39.41, -77.42], 0.6 SE FREDERICK [39.41, -77.41], 0.5 SE FREDERICK [39.42, -77.41]</b>				
	09/08/21 23:00 EST		0	Flood (due to Heavy Rain)
	09/09/21 01:00 EST		0	Source: 911 Call Center
West Patrick Road closed at North Bentz Street due to high water.				
<b>FREDERICK COUNTY --- 0.2 SSE LIME KILN [39.35, -77.43], 0.4 SE LIME KILN [39.35, -77.42], 0.9 NE LIME KILN [39.36, -77.42], 0.9 NNE LIME KILN [39.36, -77.42]</b>				
	09/09/21 07:30 EST		0	Flood (due to Heavy Rain)
	09/09/21 09:30 EST		0	Source: 911 Call Center
Buckeystown Pike closed between Lime Kiln Road and English Muffin Way due to high water.				
<b>Showers and thunderstorms produced locally heavy rainfall that led to isolated instances of flooding and flash flooding.</b>				
<b>ALLEGANY COUNTY --- 2.9 N TOWN CREEK [39.57, -78.56]</b>				
	09/15/21 14:47 EST		2K	Thunderstorm Wind (EG 50 kt)
	09/15/21 14:47 EST		0	Source: 911 Call Center
Large tree limbs and wires blew down on Lower Town Creek Road Southeast.				
<b>WASHINGTON COUNTY --- 1.6 NW CHEWSVILLE [39.67, -77.65]</b>				
	09/15/21 16:30 EST		10K	Thunderstorm Wind (EG 55 kt)
	09/15/21 16:30 EST		0	Source: 911 Call Center
Multiple trees and wires blew down in and near Leitersburg, including on Clopper Road near Old Forge Road, and on Little Antietam Road near Winding Creek Road.				
<b>WASHINGTON COUNTY --- 0.5 NE CAVETOWN [39.66, -77.57]</b>				
	09/15/21 16:59 EST		4K	Thunderstorm Wind (EG 50 kt)
	09/15/21 16:59 EST		0	Source: 911 Call Center
Several trees and wires blew down in and near Smithsburg.				
<b>WASHINGTON COUNTY --- 0.5 WNW PONDSVILLE [39.62, -77.61]</b>				
	09/15/21 17:45 EST		2K	Thunderstorm Wind (EG 50 kt)
	09/15/21 17:45 EST		0	Source: Department of Highways
Trees blew down on MD-66 Mapleville Road near Chewsville Road.				

## Storm Data and Unusual Weather Phenomena - September 2021

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>FREDERICK COUNTY --- 0.4 SSW WOLFSVILLE [39.57, -77.55]</b>				
	09/15/21 18:03 EST		3K	Thunderstorm Wind (EG 50 kt)
	09/15/21 18:03 EST		0	Source: 911 Call Center
Several large tree limbs and wires blew down near Wolfsville.				
<b>HARFORD COUNTY --- 0.1 SSE STREET [39.67, -76.38]</b>				
	09/15/21 20:40 EST		3K	Thunderstorm Wind (EG 50 kt)
	09/15/21 20:40 EST		0	Source: 911 Call Center
A couple of trees and branches were blown down near Street.				
<b>HARFORD COUNTY --- 0.8 S ABERDEEN [39.51, -76.17]</b>				
	09/15/21 21:30 EST		3K	Thunderstorm Wind (MG 55 kt)
	09/15/21 21:40 EST		0	Source: AWOS
Wind gusts of up to 55 knots (63 MPH) were measured by the AWOS at Aberdeen Proving Ground (KAPG). Several large tree limbs blew down in Aberdeen.				
<b>A few thunderstorms became severe producing damaging wind gusts over western and north-central Maryland during the afternoon, as well as over northeastern Maryland during the evening.</b>				
<b>WASHINGTON COUNTY --- 1.5 SSE LEITERSBURG [39.68, -77.61], 0.7 WNW CHEWSVILLE [39.65, -77.64], 0.4 NE PONDSVILLE [39.63, -77.60], 2.1 ESE HIGH FIELD [39.70, -77.45], 1.9 WSW FT RITCHIE [39.71, -77.53]</b>				
	09/15/21 17:11 EST		0	Flood (due to Heavy Rain)
	09/15/21 20:11 EST		0	Source: 911 Call Center
Several roads were closed due to high water.				
<b>WASHINGTON COUNTY --- 2.0 SE EDMONT [39.66, -77.52], 2.0 SE EDMONT [39.66, -77.52], 2.1 SE EDMONT [39.66, -77.52], 2.1 SE EDMONT [39.66, -77.52]</b>				
	09/15/21 18:35 EST		0	Flash Flood (due to Heavy Rain)
	09/15/21 19:20 EST		0	Source: 911 Call Center
Edgemont creek was flowing over Pleasant Valley Road.				
<b>WASHINGTON COUNTY --- 2.6 ESE CAVETOWN [39.64, -77.53], 2.6 ESE CAVETOWN [39.64, -77.53], 2.7 ESE CAVETOWN [39.64, -77.53], 2.4 SSE EDMONT [39.65, -77.53], 2.3 SSE EDMONT [39.65, -77.53]</b>				
	09/15/21 18:35 EST		0	Flood (due to Heavy Rain)
	09/15/21 20:35 EST		0	Source: 911 Call Center
Creeks flowing across Pleasant Valley Road.				
<b>Heavy rainfall from showers and thunderstorm led to isolated instances of flash flooding in Washington County.</b>				
<b>ST. MARY'S COUNTY --- CHAPTICO [38.37, -76.78], 0.5 WSW CHAPTICO [38.37, -76.79], 0.6 S CHAPTICO [38.36, -76.78], 0.6 E CHAPTICO [38.37, -76.77]</b>				
	09/16/21 14:32 EST		0	Flood (due to Heavy Rain)
	09/16/21 16:32 EST		0	Source: 911 Call Center
Maddox Road at Hurry Road closed due to high water. Zack Fowler Road closed near Hurry Road due to high water.				
<b>CARROLL COUNTY --- 0.7 N ALESIA [39.69, -76.83], 1.2 N ALESIA [39.70, -76.83], 1.1 NW ALESIA [39.69, -76.84], 0.4 NW ALESIA [39.68, -76.84], 0.1 SSW ALESIA [39.68, -76.83], 0.5 ENE ALESIA [39.68, -76.82]</b>				
	09/16/21 18:24 EST		0	Flood (due to Heavy Rain)
	09/16/21 20:24 EST		0	Source: 911 Call Center
Three vehicles stranded in high water on Alesia Lineboro Road near Alesia Road.				
<b>CARROLL COUNTY --- 1.5 SSE MT AIRY [39.36, -77.14], 1.6 S MT AIRY [39.36, -77.14], 2.0 SSE MT AIRY [39.35, -77.14], 1.7 SE MT AIRY [39.36, -77.13], 1.1 SE MT AIRY [39.37, -77.14], 0.9 S MT AIRY [39.37, -77.15]</b>				

## Storm Data and Unusual Weather Phenomena - September 2021

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	09/16/21 19:00 EST		0	Flood (due to Heavy Rain)
	09/16/21 21:00 EST		0	Source: 911 Call Center
Twin Arch Road in Mount Airy closed due to high water.				
<b>FREDERICK COUNTY --- 0.7 N FREDERICK [39.43, -77.42], 0.7 SSW HARMONY GROVE [39.44, -77.41], 0.7 S HARMONY GROVE [39.44, -77.40], 0.7 NNE FREDERICK [39.43, -77.42], 0.5 W FREDERICK [39.42, -77.43], 0.8 WNW FREDERICK [39.42, -77.43]</b>				
	09/16/21 19:29 EST		0	Flood (due to Heavy Rain)
	09/16/21 21:29 EST		0	Source: 911 Call Center
Route 144 closed near Park Ridge Drive to the railroad crossing due to high water.				
<b>FREDERICK COUNTY --- LIBERTYTOWN [39.48, -77.25], 0.4 WNW LIBERTYTOWN [39.48, -77.26], 0.8 NNE LIBERTYTOWN [39.49, -77.24], 0.5 E LIBERTYTOWN [39.48, -77.24]</b>				
	09/16/21 19:33 EST		0	Flood (due to Heavy Rain)
	09/16/21 21:33 EST		0	Source: 911 Call Center
Jones' Road closed near South Street due to high water.				
<b>FREDERICK COUNTY --- 1.5 SSW JOHNSVILLE [39.51, -77.24], 1.4 S JOHNSVILLE [39.51, -77.23], 0.8 S JOHNSVILLE [39.52, -77.23], 1.1 SW JOHNSVILLE [39.52, -77.25], 1.4 SW JOHNSVILLE [39.52, -77.25], 1.8 SW JOHNSVILLE [39.51, -77.25]</b>				
	09/16/21 19:45 EST		0	Flood (due to Heavy Rain)
	09/16/21 21:45 EST		0	Source: 911 Call Center
Coppermine Road near Green Valley Road closed due to high water.				
<b>A light flow aloft along with an unstable atmosphere led to slow moving showers and thunderstorms. Heavy amounts of rain led to instances of flooding.</b>				
<b>FREDERICK COUNTY --- 3.1 NNE LADIESBURG [39.62, -77.24], 2.8 NE LADIESBURG [39.61, -77.24], 2.7 NNE LADIESBURG [39.61, -77.24], 2.9 NNE LADIESBURG [39.62, -77.24]</b>				
	09/22/21 05:22 EST		0	Flood (due to Heavy Rain)
	09/23/21 14:27 EST		0	Source: River/Stream Gage
The water level along the Big Pipe Creek at Bruceville rose above flood stage, cresting at 11.33 feet at 9:45 AM on the 23rd of September. Keysville-Bruceville Road was flooded.				
<b>FREDERICK COUNTY --- 1.5 NNW KNOXVILLE [39.35, -77.68], 0.5 S KNOXVILLE [39.32, -77.67], 0.9 SSE BRUNSWICK [39.31, -77.63], 0.7 NW CATOCTIN STATION [39.31, -77.58], 1.3 SSW FEAGAVILLE [39.36, -77.49], 2.0 SE BROAD RUN [39.38, -77.58]</b>				
	09/23/21 03:30 EST		0	Flood (due to Heavy Rain)
	09/23/21 05:30 EST		0	Source: 911 Call Center
Road closures due to flooding starting to be reported in the Brunswick, Jefferson, and Knoxville areas.				
<b>FREDERICK COUNTY --- ROCKY RIDGE [39.60, -77.32], 0.5 ENE ROCKY RIDGE [39.60, -77.31], 0.9 NNE ROCKY RIDGE [39.61, -77.31], 0.7 NNW ROCKY RIDGE [39.61, -77.33], 0.5 WNW ROCKY RIDGE [39.60, -77.33]</b>				
	09/23/21 03:30 EST		0	Flood (due to Heavy Rain)
	09/23/21 05:30 EST		0	Source: 911 Call Center
Road closure due to flooding in the Rocky Ridge area.				
<b>FREDERICK COUNTY --- 1.6 E WOODSBORO [39.53, -77.29], 2.0 E WOODSBORO [39.53, -77.28], 1.7 SE NEW MIDWAY [39.55, -77.28], 1.6 SSE NEW MIDWAY [39.55, -77.29]</b>				
	09/23/21 03:48 EST		0	Flood (due to Heavy Rain)
	09/23/21 05:48 EST		0	Source: Fire Department/Rescue
Hill Road between Coppermine Road and Renner Road is closed due to high water.				
<b>FREDERICK COUNTY --- 0.7 S NEW MIDWAY [39.56, -77.30], 0.6 S NEW MIDWAY [39.56, -77.30], 0.6 S NEW MIDWAY [39.56, -77.30], 0.6 S NEW MIDWAY [39.56, -77.30]</b>				
	09/23/21 04:16 EST		0	Flash Flood (due to Heavy Rain)
	09/23/21 06:00 EST		0	Source: Department of Highways

## Storm Data and Unusual Weather Phenomena - September 2021

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
MD 194 at Cash Smith Road was closed due to high water.				
<b>FREDERICK COUNTY --- 0.3 NE LIBERTYTOWN [39.48, -77.25], 0.3 NE LIBERTYTOWN [39.48, -77.25], 0.3 NE LIBERTYTOWN [39.48, -77.25], 0.3 NE LIBERTYTOWN [39.48, -77.25]</b>				
	09/23/21 04:30 EST		0	Flash Flood (due to Heavy Rain)
	09/23/21 06:00 EST		0	Source: Fire Department/Rescue

There was a swift water rescue near the 8900 Block of Jones Road in Libertytown.

<b>FREDERICK COUNTY --- 1.1 SSW JOHNSVILLE [39.52, -77.24], 1.1 SSW JOHNSVILLE [39.52, -77.24], 1.1 SSW JOHNSVILLE [39.52, -77.24], 1.0 SSW JOHNSVILLE [39.52, -77.24]</b>				
	09/23/21 04:39 EST		0	Flash Flood (due to Heavy Rain)
	09/23/21 06:00 EST		0	Source: Fire Department/Rescue

MD-75 at Coppermine Road was closed due to high water.

<b>CARROLL COUNTY --- 1.1 W SAMS CREEK [39.50, -77.12], 0.9 WSW SAMS CREEK [39.50, -77.12], 0.8 W SAMS CREEK [39.50, -77.11], 1.6 WNW SAMS CREEK [39.51, -77.13], 1.8 WNW SAMS CREEK [39.51, -77.13]</b>				
	09/23/21 05:02 EST		0	Flood (due to Heavy Rain)
	09/23/21 07:02 EST		0	Source: Fire Department/Rescue

Sams Creek Road was closed due to flooding at Sams Creek between MD-31 New Windsor Road and Oak Orchard Road.

<b>CARROLL COUNTY --- 1.4 S KEYMAR [39.58, -77.23], 1.3 S KEYMAR [39.58, -77.23], 1.1 S KEYMAR [39.58, -77.23], 1.2 SSW MIDDLEBURG [39.58, -77.22]</b>				
	09/23/21 05:02 EST		0	Flood (due to Heavy Rain)
	09/23/21 07:02 EST		0	Source: Fire Department/Rescue

Claybaugh Road was closed due to flooding at Little Pipe Creek.

<b>FREDERICK COUNTY --- 0.1 WSW NEW MIDWAY [39.57, -77.30], 0.3 NE NEW MIDWAY [39.57, -77.30], 1.1 N NEW MIDWAY [39.59, -77.30], 0.8 NNW NEW MIDWAY [39.58, -77.31]</b>				
	09/23/21 05:02 EST		0	Flood (due to Heavy Rain)
	09/23/21 07:02 EST		0	Source: Fire Department/Rescue

Hiney Road was closed due to flooding between Legore Road and Haughs Church Road.

<b>FREDERICK COUNTY --- 1.5 NNW GRACEHAM [39.64, -77.39], 1.5 NW GRACEHAM [39.64, -77.40], 1.7 NW GRACEHAM [39.64, -77.40], 1.7 NNW GRACEHAM [39.64, -77.39]</b>				
	09/23/21 05:02 EST		0	Flood (due to Heavy Rain)
	09/23/21 07:02 EST		0	Source: 911 Call Center

Roddy Road was closed due to flooding at Owen's Creek.

<b>FREDERICK COUNTY --- 1.7 ESE LE GORE [39.54, -77.29], 1.5 E WOODSBORO [39.53, -77.29], 1.6 E WOODSBORO [39.53, -77.29], 1.9 SE NEW MIDWAY [39.55, -77.28], 1.6 SSE NEW MIDWAY [39.55, -77.29]</b>				
	09/23/21 05:02 EST		0	Flood (due to Heavy Rain)
	09/23/21 07:02 EST		0	Source: Fire Department/Rescue

Hill Road was closed due to flooding between Coppermine Road and Renner Road.

<b>FREDERICK COUNTY --- LIBERTYTOWN [39.48, -77.25], 0.5 ESE LIBERTYTOWN [39.48, -77.24], 0.6 ENE LIBERTYTOWN [39.48, -77.24], 0.4 NNE LIBERTYTOWN [39.49, -77.25]</b>				
	09/23/21 05:03 EST		0	Flood (due to Heavy Rain)
	09/23/21 07:03 EST		0	Source: Fire Department/Rescue

Jones' Road was blocked by high water near South Street.

<b>FREDERICK COUNTY --- 0.5 E LIBERTYTOWN [39.48, -77.24], 1.1 ENE LIBERTYTOWN [39.49, -77.23], 0.6 NNW LIBERTYTOWN [39.49, -77.25], 0.1 NW LIBERTYTOWN [39.48, -77.25]</b>				
	09/23/21 05:07 EST		0	Flood (due to Heavy Rain)
	09/23/21 07:07 EST		0	Source: Fire Department/Rescue

## Storm Data and Unusual Weather Phenomena - September 2021

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
High water blocks MD-26 (Main Street) at Trammel's Valley.				
<b>WASHINGTON COUNTY --- 1.5 SSE LEITERSBURG [39.68, -77.61], 1.2 NNW CAVETOWN [39.67, -77.59], 0.6 N CAVETOWN [39.66, -77.58], 1.0 NE CAVETOWN [39.66, -77.57], 1.3 ESE LEITERSBURG [39.69, -77.60], 1.0 S LEITERSBURG [39.69, -77.62]</b>				
	09/23/21 05:12 EST	0		Flood (due to Heavy Rain)
	09/23/21 07:12 EST	0		Source: 911 Call Center
The Little Antietam Creek was flowing across Leitersburg Smithsburg Road, closing the road.				
<b>FREDERICK COUNTY --- 1.9 ENE WALKERSVILLE [39.49, -77.32], 1.8 ENE WALKERSVILLE [39.49, -77.32], 1.9 ENE WALKERSVILLE [39.49, -77.32], 2.0 ENE WALKERSVILLE [39.49, -77.32]</b>				
	09/23/21 05:29 EST	0		Flash Flood (due to Heavy Rain)
	09/23/21 06:00 EST	0		Source: Fire Department/Rescue
A swift water rescue took place in the 9900 Block of Daysville Road at Cabbage Run.				
<b>CARROLL COUNTY --- 1.3 NE DETOUR [39.61, -77.25], 1.1 NE DETOUR [39.61, -77.25], 0.3 N KEYMAR [39.60, -77.23], 0.5 N MIDDLEBURG [39.61, -77.22], 1.6 N KEYMAR [39.62, -77.23]</b>				
	09/23/21 05:30 EST	0		Flood (due to Heavy Rain)
	09/23/21 07:30 EST	0		Source: River/Stream Gage
The stream gauge on Big Pipe Creek at Bruceville reached flood stage.				
<b>FREDERICK COUNTY --- 1.8 SE URBANA [39.31, -77.33], 2.5 SE URBANA [39.30, -77.32], 2.7 SE URBANA [39.30, -77.32], 1.5 ESE URBANA [39.32, -77.33], 1.0 SE URBANA [39.32, -77.34]</b>				
	09/23/21 05:33 EST	0		Flood (due to Heavy Rain)
	09/23/21 07:33 EST	0		Source: Department of Highways
High water blocks MD-355 Urbana Pike near Doctor Perry Road.				
<b>FREDERICK COUNTY --- 1.3 ENE WALKERSVILLE [39.49, -77.33], 1.0 NE WALKERSVILLE [39.49, -77.34], 1.6 NE WALKERSVILLE [39.50, -77.33], 1.8 NE WALKERSVILLE [39.50, -77.33]</b>				
	09/23/21 05:41 EST	0		Flood (due to Heavy Rain)
	09/23/21 07:41 EST	0		Source: Department of Highways
Devilbliss Bridge Road was blocked by high water near MD-194 Woodsboro Pike.				
<b>FREDERICK COUNTY --- 1.3 WNW UNIONVILLE [39.49, -77.20], 1.5 NW UNIONVILLE [39.50, -77.20], 2.0 WNW UNIONVILLE [39.49, -77.21], 1.9 WNW UNIONVILLE [39.49, -77.21]</b>				
	09/23/21 05:43 EST	0		Flood (due to Heavy Rain)
	09/23/21 07:43 EST	0		Source: Department of Highways
MD-31 New Windsor Road was blocked by high water near Bessie Clemson Road.				
<b>MONTGOMERY COUNTY --- 0.7 S PARKWOOD [39.01, -77.08], 0.6 SW PARKWOOD [39.01, -77.09], 0.9 SW PARKWOOD [39.01, -77.09], 1.0 S PARKWOOD [39.01, -77.08], 0.9 S BYFORDE [39.01, -77.07], 0.5 SSW BYFORDE [39.01, -77.07]</b>				
	09/23/21 05:44 EST	0		Flood (due to Heavy Rain)
	09/23/21 07:44 EST	0		Source: Emergency Manager
Water rescue for a vehicle stranded in high water near Beach Drive and Connecticut Avenue.				
<b>FREDERICK COUNTY --- 0.5 W EMMITSBURG [39.70, -77.34], 0.9 NW EMMITSBURG [39.71, -77.34], 1.3 WNW EMMITSBURG [39.71, -77.35], 1.1 W EMMITSBURG [39.70, -77.35]</b>				
	09/23/21 06:03 EST	0		Flood (due to Heavy Rain)
	09/23/21 08:03 EST	0		Source: Fire Department/Rescue
Annandale Road was closed due to flooding near Toms Creek.				
<b>FREDERICK COUNTY --- 0.5 W MOTTERS [39.65, -77.34], 0.7 WSW MOTTERS [39.65, -77.34], 1.1 WSW MOTTERS [39.65, -77.35], 0.9 WNW MOTTERS [39.65, -77.35], 0.7 NW MOTTERS [39.66, -77.34]</b>				
	09/23/21 06:03 EST	0		Flood (due to Heavy Rain)
	09/23/21 08:03 EST	0		Source: Fire Department/Rescue

## Storm Data and Unusual Weather Phenomena - September 2021

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Orndoff Road was closed due to flooding near Old Frederick Road.				
<b>FREDERICK COUNTY --- 0.5 W NEW LONDON [39.42, -77.26], 0.2 SSW NEW LONDON [39.42, -77.25], 0.2 NNW NEW LONDON [39.42, -77.25], 0.5 WNW NEW LONDON [39.42, -77.26]</b>				
	09/23/21 06:03 EST		0	Flood (due to Heavy Rain)
	09/23/21 08:03 EST		0	Source: Fire Department/Rescue

Gas House Pike was closed due to flooding near Central Church Road.

<b>FREDERICK COUNTY --- 0.7 N MT PLEASANT [39.46, -77.33], 1.3 E WALKERSVILLE [39.48, -77.33], 0.5 SE WALKERSVILLE [39.47, -77.34], 1.1 NW MT PLEASANT [39.46, -77.34]</b>				
	09/23/21 06:03 EST		0	Flood (due to Heavy Rain)
	09/23/21 08:03 EST		0	Source: Fire Department/Rescue

Crum Road was closed due to flooding near Stauffer Road.

<b>FREDERICK COUNTY --- 1.1 E WALKERSVILLE [39.48, -77.33], 1.2 E WALKERSVILLE [39.48, -77.33], 1.4 E WALKERSVILLE [39.48, -77.32], 1.3 E WALKERSVILLE [39.48, -77.33]</b>				
	09/23/21 06:03 EST		0	Flood (due to Heavy Rain)
	09/23/21 08:03 EST		0	Source: Fire Department/Rescue

Stauffer Road was closed due to flooding near Water Street Road.

<b>FREDERICK COUNTY --- 1.1 W HARMONY [39.50, -77.55], 1.0 E MYERSVILLE [39.50, -77.55], 0.7 E MYERSVILLE [39.50, -77.56], 0.9 ENE MYERSVILLE [39.50, -77.55]</b>				
	09/23/21 06:03 EST		0	Flood (due to Heavy Rain)
	09/23/21 08:03 EST		0	Source: Fire Department/Rescue

Bretheren Church Road was closed due to flooding at Catocin Creek.

<b>FREDERICK COUNTY --- 1.3 WNW PLANE NUMBER FOUR [39.39, -77.22], 1.3 NW PLANE NUMBER FOUR [39.39, -77.22], 1.5 N BARTHOLOW [39.39, -77.23], 1.4 NNE BARTHOLOW [39.39, -77.22]</b>				
	09/23/21 06:03 EST		0	Flood (due to Heavy Rain)
	09/23/21 08:03 EST		0	Source: Fire Department/Rescue

Jesse Smith Road was closed due to flooding at South Fork Bens Branch.

<b>FREDERICK COUNTY --- 1.6 E WALKERSVILLE [39.48, -77.32], 1.8 NE MT PLEASANT [39.47, -77.31], 1.5 NNE MT PLEASANT [39.47, -77.32], 1.3 E WALKERSVILLE [39.48, -77.33]</b>				
	09/23/21 06:03 EST		0	Flood (due to Heavy Rain)
	09/23/21 08:03 EST		0	Source: Fire Department/Rescue

Water Street Road was closed due to flooding by Harp Road.

<b>FREDERICK COUNTY --- 1.7 ESE NEW LONDON [39.41, -77.22], 1.8 ESE NEW LONDON [39.41, -77.22], 1.1 SE NEW LONDON [39.41, -77.23], 0.8 ESE NEW LONDON [39.42, -77.24]</b>				
	09/23/21 06:03 EST		0	Flood (due to Heavy Rain)
	09/23/21 08:03 EST		0	Source: Fire Department/Rescue

Lime Plant Road was closed due to flooding at North Fork Bens Branch.

<b>FREDERICK COUNTY --- 1.7 NNE JOHNSVILLE [39.55, -77.22], 1.9 NE JOHNSVILLE [39.55, -77.21], 2.8 NE JOHNSVILLE [39.56, -77.20], 2.4 NNE JOHNSVILLE [39.56, -77.21]</b>				
	09/23/21 06:03 EST		0	Flood (due to Heavy Rain)
	09/23/21 08:03 EST		0	Source: Fire Department/Rescue

The 11800 Block of Beaver Dam Road was blocked by high water.

<b>FREDERICK COUNTY --- 1.8 SE NEW LONDON [39.40, -77.23], 1.8 SE NEW LONDON [39.40, -77.23], 1.9 SE NEW LONDON [39.40, -77.22], 1.7 N BARTHOLOW [39.40, -77.23], 1.6 SSE NEW LONDON [39.40, -77.24]</b>				
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## Storm Data and Unusual Weather Phenomena - September 2021

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	09/23/21 06:03 EST		0	Flood (due to Heavy Rain)
	09/23/21 08:03 EST		0	Source: Fire Department/Rescue
Detrick Road was closed due to flooding near South Fork Bens Branch.				
<b>FREDERICK COUNTY --- LOYS [39.60, -77.35], 0.7 NNE LOYS [39.61, -77.34], 0.9 NNW LOYS [39.61, -77.36], 0.6 WNW LOYS [39.60, -77.36]</b>				
	09/23/21 06:03 EST		0	Flood (due to Heavy Rain)
	09/23/21 08:03 EST		0	Source: Fire Department/Rescue
Old Frederick Road was closed due to flooding near Old Mill Road.				
<b>MONTGOMERY COUNTY --- 0.9 SW PARKWOOD [39.01, -77.09], 1.0 SW PARKWOOD [39.01, -77.09], 0.8 SW PARKWOOD [39.01, -77.09], 0.7 SW PARKWOOD [39.01, -77.09]</b>				
	09/23/21 06:15 EST		0	Flood (due to Heavy Rain)
	09/23/21 08:15 EST		0	Source: Fire Department/Rescue
Rock Creek out of its banks flooding Beach Drive near Cedar Lane. Roadway being closed.				
<b>CARROLL COUNTY --- 0.5 W WESTMINSTER [39.58, -77.01], 1.1 S WESTMINSTER [39.56, -77.00], 0.9 E CRANBERRY STATION [39.58, -76.96], 0.3 E WESTMINSTER ARPT [39.60, -76.99]</b>				
	09/23/21 06:30 EST		0	Flood (due to Heavy Rain)
	09/23/21 08:30 EST		0	Source: 911 Call Center
Several roads were blocked by high water in Westminster.				
<b>CARROLL COUNTY --- 0.5 W WINFIELD [39.45, -77.06], 0.8 WSW WINFIELD [39.44, -77.06], 0.6 SSE WINFIELD [39.44, -77.05], 0.2 ESE WINFIELD [39.45, -77.05]</b>				
	09/23/21 06:30 EST		0	Flood (due to Heavy Rain)
	09/23/21 08:30 EST		0	Source: 911 Call Center
Several roads were blocked by high water in Winfield .				
<b>CARROLL COUNTY --- 2.5 WSW MT AIRY [39.36, -77.19], 1.9 WSW WATERSVILLE [39.36, -77.13], 2.1 NE MT AIRY [39.40, -77.12], 2.8 NW MT AIRY [39.41, -77.19]</b>				
	09/23/21 06:30 EST		0	Flood (due to Heavy Rain)
	09/23/21 08:30 EST		0	Source: 911 Call Center
Several roads were blocked by high water in Mount Airy .				
<b>MONTGOMERY COUNTY --- 0.9 SE WOODHAVEN [38.99, -77.12], 0.9 E BETHESDA [38.97, -77.10], 0.8 WNW ROCK CREEK FOREST [38.99, -77.06], 0.8 SSW PARKWOOD [39.01, -77.09]</b>				
	09/23/21 07:02 EST		0	Flood (due to Heavy Rain)
	09/23/21 09:02 EST		0	Source: 911 Call Center
Several roads closed due to high water in/near Bethesda.				
<b>CARROLL COUNTY --- 0.5 W TYRONE [39.62, -77.11], 0.3 W TYRONE [39.62, -77.11], 0.2 N TYRONE [39.62, -77.10], 0.4 WSW MAYBERRY [39.63, -77.11]</b>				
	09/23/21 07:11 EST		0	Flood (due to Heavy Rain)
	09/23/21 09:11 EST		0	Source: Department of Highways
MD-84 Baust Church Road was closed due to flooding at MD-382 Old Taneytown Road.				
<b>FREDERICK COUNTY --- 5.8 E EMMITSBURG [39.70, -77.22], 5.9 E EMMITSBURG [39.70, -77.22], 6.3 E EMMITSBURG [39.70, -77.21], 6.3 E EMMITSBURG [39.70, -77.21]</b>				
	09/23/21 07:18 EST		0	Flood (due to Heavy Rain)
	09/23/21 19:59 EST		0	Source: River/Stream Gage
The water level along the Monocacy River at Bridgeport rose above flood stage, cresting at 16.55 feet at 1:30 PM EST on the 23rd of September. Fields and yards were flooded near Bridgeport and Baptist Road was also flooded.				

## Storm Data and Unusual Weather Phenomena - September 2021

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>CHARLES COUNTY --- 1.1 W BEANTOWN [38.62, -76.90], 1.0 W BEANTOWN [38.62, -76.90], 0.8 WNW BEANTOWN [38.62, -76.89], 0.9 W BEANTOWN [38.62, -76.90], 0.9 WSW BEANTOWN [38.62, -76.90], 1.2 W BEANTOWN [38.62, -76.90]</b>				
	09/23/21 07:23 EST		0	Flood (due to Heavy Rain)
	09/23/21 09:23 EST		0	Source: Department of Highways
MD-5 Leonardtown Road was closed due to flooding at Post Office Road.				
<b>CARROLL COUNTY --- 0.5 W BRIDGEPORT [39.68, -77.23], 0.9 SW BRIDGEPORT [39.67, -77.23], 1.4 WSW BRIDGEPORT [39.67, -77.24], 1.2 WNW BRIDGEPORT [39.69, -77.24], 1.8 NW BRIDGEPORT [39.69, -77.25], 1.5 NNW BRIDGEPORT [39.70, -77.23]</b>				
	09/23/21 07:30 EST		0	Flood (due to Heavy Rain)
	09/23/21 09:30 EST		0	Source: River/Stream Gage
The stream gauge on the Monocacy River at Bridgeport reached flood stage.				
<b>ST. MARY'S COUNTY --- 0.9 SW CHAPTICO [38.36, -76.79], 1.3 SW CHAPTICO [38.36, -76.79], 1.3 SW CHAPTICO [38.36, -76.80], 0.7 SW CHAPTICO [38.36, -76.79]</b>				
	09/23/21 07:41 EST		0	Flood (due to Heavy Rain)
	09/23/21 09:41 EST		0	Source: Department of Highways
MD-238 Maddox Road was closed due to flooding south of Hurry Road.				
<b>MONTGOMERY COUNTY --- 0.7 N SENECA [39.09, -77.33], 1.3 ESE DAWSONVILLE [39.12, -77.33], 0.9 SE DAWSONVILLE [39.12, -77.34], 1.8 NNW SENECA [39.10, -77.35], 0.8 WNW SENECA [39.08, -77.34]</b>				
	09/23/21 07:55 EST		0	Flood (due to Heavy Rain)
	09/23/21 09:30 EST		0	Source: River/Stream Gage
The water level along the Seneca Creek at Dawsonville rose above flood stage, cresting at 7.67 feet at 8:40 AM EST on the 23rd of September. Portions of the Seneca Creek Greenway were flooded and a small portion of Berryville Road west of Darnestown Road was flooded.				
<b>MONTGOMERY COUNTY --- 0.5 E DAWSONVILLE [39.13, -77.34], 0.7 SE DAWSONVILLE [39.12, -77.34], 1.1 ESE DAWSONVILLE [39.12, -77.33], 1.8 ENE DAWSONVILLE [39.14, -77.32]</b>				
	09/23/21 07:57 EST		0	Flood (due to Heavy Rain)
	09/23/21 09:57 EST		0	Source: River/Stream Gage
The stream gauge on Seneca Creek at Dawsonville reached flood stage.				
<b>BALTIMORE COUNTY --- 1.4 NE HALETHORPE [39.27, -76.68], 1.9 ESE ECCLESTON [39.39, -76.69], 1.0 ENE PARKVILLE [39.38, -76.53], 1.5 SW ST HELENA [39.26, -76.55]</b>				
	09/23/21 08:00 EST		0	Flood (due to Heavy Rain)
	09/23/21 10:00 EST		0	Source: 911 Call Center
About a half dozen roads closed for high water.				
<b>MONTGOMERY COUNTY --- 2.1 SW NORTHWEST PARK [39.00, -77.01], 1.9 N TAKOMA PARK [39.00, -77.00], 1.7 N TAKOMA PARK [38.99, -77.01], 1.8 NNW TAKOMA PARK [38.99, -77.01], 1.9 E GEORGETOWN JCT [39.00, -77.01], 1.9 SSE KEMP MILL [39.00, -77.01]</b>				
	09/23/21 08:18 EST		0	Flood (due to Heavy Rain)
	09/23/21 10:18 EST		0	Source: Emergency Manager
Sligo Creek Parkway was closed due to flooding between MD-320 Piney Branch Road and Maple Avenue.				
<b>MONTGOMERY COUNTY --- 0.7 NNW UNITY [39.24, -77.06], 0.6 NNW UNITY [39.24, -77.06], 0.6 NNW UNITY [39.24, -77.06], 0.7 NNW UNITY [39.24, -77.06]</b>				
	09/23/21 09:06 EST		0	Flood (due to Heavy Rain)
	09/23/21 12:21 EST		0	Source: River/Stream Gage
The water level rose above flood stage along the Patuxent River in Unity, cresting at 8.54 feet at 11:25 AM EST on the 23rd. The parking lot for the Patuxent River State Park at Maryland Route 97 was flooded.				
<b>MONTGOMERY COUNTY --- 0.2 SSE UNITY [39.23, -77.05], 1.3 NNE UNITY [39.25, -77.04], 2.3 NNW UNITY [39.26, -77.06], 2.4 WNW UNITY [39.25, -77.09]</b>				
	09/23/21 09:10 EST		0	Flood (due to Heavy Rain)
	09/23/21 11:10 EST		0	Source: River/Stream Gage

## Storm Data and Unusual Weather Phenomena - September 2021

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
The stream gauge on the Patuxent River at Unity reached flood stage.				
<b>HARFORD COUNTY --- 0.5 E ABINGDON [39.47, -76.26], 0.1 NNW ABINGDON [39.47, -76.27], 0.7 NNE ABINGDON [39.48, -76.26], 0.6 NW SEWELL [39.48, -76.26]</b>				
	09/23/21 09:45 EST		0	Flood (due to Heavy Rain)
	09/23/21 11:45 EST		0	Source: Department of Highways
MD-7 Philadelphia Road is closed due to flooding near MD-136 Calvary Road.				
<b>HARFORD COUNTY --- 1.1 E CARSINS RUN [39.53, -76.20], 1.4 ENE CARSINS RUN [39.53, -76.19], 0.7 NNE CARSINS RUN [39.54, -76.21], 0.4 NE CARSINS RUN [39.53, -76.22]</b>				
	09/23/21 09:49 EST		0	Flood (due to Heavy Rain)
	09/23/21 11:49 EST		0	Source: Department of Highways
MD-22 Churchville Road was blocked by high water at Aldino Stepeny Road.				
<b>FREDERICK COUNTY --- 0.9 NW BARTHOLOW [39.38, -77.24], 0.7 NE BARTHOLOW [39.38, -77.22], 0.7 ESE BARTHOLOW [39.37, -77.22], 0.2 S NEW MARKET [39.38, -77.27], 0.5 NNE NEW MARKET [39.39, -77.27]</b>				
	09/23/21 09:51 EST		0	Flood (due to Heavy Rain)
	09/23/21 11:51 EST		0	Source: Department of Highways
High water on Westbound I-70/US-40 Baltimore National Pike at Mile Marker 64.0.				
<b>HARFORD COUNTY --- 1.1 E ABERDEEN [39.52, -76.15], 1.0 W SWAN CREEK [39.52, -76.15], 0.3 WSW OSBORNE [39.53, -76.12], 0.5 WNW OSBORNE [39.53, -76.13]</b>				
	09/23/21 10:10 EST		0	Flood (due to Heavy Rain)
	09/23/21 12:10 EST		0	Source: Department of Highways
US-40 Pulaski Highway is closed due to flooding between Locust Lane and Robin Hood Road.				
<b>ALLEGANY COUNTY --- 2.6 NE KILBY CORNER [39.71, -76.12], 2.4 NE KILBY CORNER [39.71, -76.12], 2.1 W RISING SUN [39.70, -76.11], 2.5 WNW RISING SUN [39.71, -76.11]</b>				
	09/23/21 10:25 EST		0	Flood (due to Heavy Rain)
	09/23/21 12:25 EST		0	Source: 911 Call Center
New Bridge Road closed at Horseshoe Road due to Octoraro Creek flowing onto the intersection/bridge.				
<b>BALTIMORE COUNTY --- 2.5 NNW EDGEMERE [39.26, -76.47], 2.6 N EDGEMERE [39.27, -76.46], 2.4 S ESSEX [39.29, -76.48], 1.7 ENE DUNDALK [39.28, -76.49]</b>				
	09/23/21 10:35 EST		0	Flood (due to Heavy Rain)
	09/23/21 12:35 EST		0	Source: Emergency Manager
Old Battle Grove Road was closed due to flooding near North Point Road.				
<b>BALTIMORE COUNTY --- 0.9 NW LYNCH PT [39.24, -76.44], 1.0 N EDGEMERE [39.24, -76.45], 1.2 NNE EDGEMERE [39.25, -76.44], 1.2 NNE EDGEMERE [39.25, -76.44]</b>				
	09/23/21 10:37 EST		0	Flood (due to Heavy Rain)
	09/23/21 12:37 EST		0	Source: Emergency Manager
Grace Road was closed due to flooding near Alice Avenue.				
<b>HARFORD COUNTY --- 1.3 WNW BERKLEY [39.68, -76.22], 1.3 WNW BERKLEY [39.68, -76.22], 0.8 W BERKLEY [39.67, -76.22], 0.4 NW BERKLEY [39.67, -76.21]</b>				
	09/23/21 10:49 EST		0	Flood (due to Heavy Rain)
	09/23/21 12:49 EST		0	Source: Department of Highways
MD-623 Castleton Road was closed due to flooding at Peddler Run near Glen Cove.				
<b>HARFORD COUNTY --- 0.8 N SHORT LANE [39.49, -76.17], 0.4 WSW ABERDEEN ARPT [39.50, -76.19], 1.0 NE ABERDEEN [39.53, -76.16], 0.1 SSE SWAN CREEK [39.52, -76.13]</b>				
	09/23/21 10:56 EST		0	Flood (due to Heavy Rain)
	09/23/21 12:56 EST		0	Source: Broadcast Media

## Storm Data and Unusual Weather Phenomena - September 2021

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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Multiple vehicles were stranded in 6 to 12 inches of water flowing across US-40 (South Philadelphia Boulevard) near Old Philadelphia Road.

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**BALTIMORE COUNTY --- 0.7 NNW GLENCOE [39.56, -76.63], 0.6 SW GLENCOE [39.54, -76.64], 0.8 WSW GLENCOE [39.54, -76.64], 0.8 WNW GLENCOE [39.56, -76.64], 0.9 NW GLENCOE [39.56, -76.64]**

09/23/21 11:05 EST	0	Flood (due to Heavy Rain)
09/23/21 12:57 EST	0	Source: River/Stream Gage

The water level rose above flood stage of 7 feet, cresting at 7.46 feet on September 23rd at 12:00 PM EST. Portions of Upper Glencoe Road and Lower Glencoe Road were flooded.

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**BALTIMORE COUNTY --- 0.5 SSW GLENCOE [39.54, -76.63], 0.8 SSW GLENCOE [39.54, -76.63], 0.7 NE SPARKS [39.54, -76.64], 0.8 WSW GLENCOE [39.54, -76.64], 0.7 WNW GLENCOE [39.55, -76.64], 0.5 NNE GLENCOE [39.56, -76.63]**

09/23/21 11:10 EST	0	Flood (due to Heavy Rain)
09/23/21 13:10 EST	0	Source: River/Stream Gage

The stream gauge on Gunpowder Falls at Glencoe reached flood stage.

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**PRINCE GEORGE'S COUNTY --- 0.6 S RIVERDALE [38.94, -76.95], 0.3 WSW QUINCY MANOR [38.93, -76.93], 0.5 SSE EAST PINES [38.94, -76.91], 0.4 N ALEXANDRIA JCT [38.96, -76.93]**

09/23/21 11:29 EST	0	Flood (due to Heavy Rain)
09/23/21 13:29 EST	0	Source: 911 Call Center

A car was stuck in high water in Bladensburg.

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**PRINCE GEORGE'S COUNTY --- 0.9 SE FT WASHINGTON [38.71, -77.02], 0.6 SW PISCATAWAY [38.69, -76.98], 1.0 S FRIENDLY [38.74, -76.98], 1.3 NNE FT WASHINGTON [38.74, -77.02]**

09/23/21 11:29 EST	0	Flood (due to Heavy Rain)
09/23/21 13:29 EST	0	Source: 911 Call Center

Old Fort Road was closed around Fort Washington Road due to high water.

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**FREDERICK COUNTY --- 0.2 SSW PEARL [39.40, -77.37], 0.6 S GROVE [39.39, -77.38], 0.8 S GROVE [39.39, -77.38], 0.9 S GROVE [39.39, -77.38], 0.9 SSW PEARL [39.39, -77.37], 0.3 S PEARL [39.40, -77.37]**

09/23/21 12:27 EST	0	Flood (due to Heavy Rain)
09/24/21 12:59 EST	0	Source: River/Stream Gage

The water level rose above flood stage, cresting at 19.03 feet at 4:45 AM on the 23rd of September. Significant lowland flooding occurred along the river, with backwater flooding also occurring. Numerous roads were closed. Water reached the parking lot at Gambrill Mill along the Monocacy Battlefield. Backwater flooding from Carroll Creek also approached the underside of the bridge leading to the Frederick city wastewater treatment plant.

Much of Pinecliff Park and Rivermist Park were flooded. Buckeystown Community Park was also flooded.

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**FREDERICK COUNTY --- 0.8 SSW GROVE [39.39, -77.38], 1.0 SSW PEARL [39.39, -77.37], 1.8 E FREDERICK ARPT [39.42, -77.35], 0.4 SE HARMONY GROVE [39.45, -77.39]**

09/23/21 12:30 EST	0	Flood (due to Heavy Rain)
09/23/21 14:30 EST	0	Source: Mesonet

The stream gauge on the Monocacy River at Frederick reached flood stage.

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**FREDERICK COUNTY --- 0.4 SE HARMONY GROVE [39.45, -77.40], 0.3 WNW FREDERICK ARPT [39.42, -77.38], 0.3 N PEARL [39.40, -77.37], 0.9 ENE PEARL [39.40, -77.36], 1.3 ENE FREDERICK ARPT [39.43, -77.36], 0.6 ENE CERESVILLE [39.45, -77.36]**

09/23/21 13:19 EST	0	Flood (due to Heavy Rain)
09/24/21 10:44 EST	0	Source: River/Stream Gage

The water level along the Monocacy River at Frederick (FRMM2) rose above moderate flood stage, cresting at 22.59 feet at 1:45 AM EST on the 24th of September.

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**FREDERICK COUNTY --- 0.6 NW FREDERICK ARPT [39.43, -77.39], 1.1 NE FREDERICK ARPT [39.43, -77.36], 0.5 SSW WALKERSVILLE [39.47, -77.35], 1.0 NNE HARMONY GROVE [39.46, -77.40], 0.5 SSE HARMONY GROVE [39.44, -77.40]**

09/23/21 13:32 EST	0	Flood (due to Heavy Rain)
09/23/21 15:32 EST	0	Source: Mesonet

The stream gauge on the Monocacy River above Frederick reached flood stage.

## Storm Data and Unusual Weather Phenomena - September 2021

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>HOWARD COUNTY --- 1.1 ESE ILCHESTER [39.24, -76.75], 1.7 NW ELKRIDGE [39.23, -76.75], 0.8 NW ELKRIDGE [39.23, -76.73], 0.4 NNW ELKRIDGE [39.23, -76.72], 0.6 NNW ELKRIDGE [39.23, -76.72]</b>				
	09/23/21 14:38 EST		0	Flood (due to Heavy Rain)
	09/23/21 16:56 EST		0	Source: River/Stream Gage
The water level rose above flood stage, cresting at 16.39 feet at 3:35 PM EST on the 23rd. Water covered a portion of River Road in the Patapsco Valley State Park. Large portions of the park were flooded near the playground off Gunn Road .				
<b>A slow moving cold front approached the area on the 22nd before passing through on the 23rd. A deep southerly flow allowed for tropical moisture to move into the area ahead of the boundary. This led to heavy rainfall as the cold front approached, and several instances of flooding along with isolated instances of flash flooding occurred.</b>				
<b>ANNE ARUNDEL COUNTY --- 0.0 NNW SEVERN [39.13, -76.70]</b>				
	09/22/21 13:30 EST		5K	Thunderstorm Wind (EG 50 kt)
	09/22/21 13:30 EST		0	Source: Department of Highways
Several trees, large branches, and wires blew down in Severn, including near the intersection of MD-174 Reece Road and New Disney Road.				
<b>MONTGOMERY COUNTY --- 0.3 WSW LUXMANOR [39.05, -77.13]</b>				
	09/22/21 14:25 EST		45K	Thunderstorm Wind (EG 55 kt)
	09/22/21 14:25 EST		0	Source: Emergency Manager
Numerous trees, branches, and wires blew down in the Kensington/Chevy Chase area. A tree blew down onto wires causing a fire on Leland Court near Leland Street. Wires blew down near the intersection of West Bexhill Drive and East Stanhope Road . A light pole blew down onto a vehicle in the 6300 block of Executive Boulevard. A large tree and high tension wires blew down in the 4400 block of Gridley Road. A large tree, pole, and wires blew down in the 8200 block of Ellingson Drive. A tree blew down near the intersection of Falls Road and Democracy Boulevard . A tree blew down near the intersection of Cabin John Parkway and West Edmonston Drive.				
<b>MONTGOMERY COUNTY --- 0.5 NNW GOSHEN [39.21, -77.19]</b>				
	09/22/21 14:45 EST		20K	Thunderstorm Wind (EG 55 kt)
	09/22/21 14:45 EST		0	Source: Emergency Manager
Multiple trees and wires blew down on northbound MD-97 Georgia Avenue near Holiday Drive, and on Brink Road east of Wightman Road (including one onto a car in the 9000 block). A tree blew down near the intersection of Blueball Lane and Downland Terrace . Large tree branches blew down in the 12000 block of Blue Sky Drive.				
<b>HOWARD COUNTY --- 0.5 E PINE ORCHARD [39.28, -76.86]</b>				
	09/22/21 17:05 EST		6K	Thunderstorm Wind (EG 50 kt)
	09/22/21 17:05 EST		0	Source: 911 Call Center
A tree blew down near the intersection of Broken Timber Way/Five Fingers Way and Summer Hollow Lane. A tree blew down in the 3000 block of Toll House Road. A tree blew down on westbound US-40 Baltimore National Pike prior to Bethany Lane/Centennial Lane. A tree blew down on westbound I-70 at Exit 87A/US-29 Columbia Pike.				
<b>HOWARD COUNTY --- 2.0 SE MARRIOTSVILLE [39.33, -76.87]</b>				
	09/22/21 17:10 EST		1K	Thunderstorm Wind (EG 50 kt)
	09/22/21 17:10 EST		0	Source: 911 Call Center
Trees blew down near Woodstock, including in the 1500 block of Grooms Lane.				
<b>BALTIMORE COUNTY --- 0.9 NNW HALETHORPE [39.26, -76.71]</b>				
	09/22/21 17:15 EST		2K	Thunderstorm Wind (EG 50 kt)
	09/22/21 17:15 EST		0	Source: 911 Call Center
Trees blew down near Arbutus, including onto westbound I-695 Baltimore Beltway Inner Loop near MD-372 Wilkens Avenue.				
<b>CARROLL COUNTY --- 0.4 W CRANBERRY STATION [39.58, -76.99]</b>				
	09/22/21 17:35 EST		2K	Thunderstorm Wind (EG 50 kt)
	09/22/21 17:35 EST		0	Source: Department of Highways
Trees blew down near Westminster, including on MD-27 Manchester Road at MD-140 Baltimore Boulevard.				

## Storm Data and Unusual Weather Phenomena - September 2021

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>BALTIMORE COUNTY --- 2.3 ESE BLUE MT [39.59, -76.58]</b>				
	09/22/21 17:50 EST		1K	Thunderstorm Wind (EG 45 kt)
	09/22/21 17:50 EST		0	Source: 911 Call Center
A tree was reported down in the 2900 block of Shepperd Road.				
<b>CARROLL COUNTY --- 1.0 SSE GUNPOWDER [39.71, -76.83]</b>				
	09/22/21 17:50 EST		1K	Thunderstorm Wind (EG 45 kt)
	09/22/21 17:50 EST		0	Source: 911 Call Center
A tree was reported down near the intersection of Kern Road and Schalk Road.				
<b>Several showers and thunderstorms in a strong low-level wind shear environment produced damaging wind gusts.</b>				
<b>BALTIMORE COUNTY --- 0.0 SSE OREGON [39.50, -76.68]</b>				
	09/23/21 07:00 EST		3K	Thunderstorm Wind (EG 50 kt)
	09/23/21 07:00 EST		0	Source: Trained Spotter
Several large trees and branches were blown down near Cockeysville, including near Beaver Dam Road.				
<b>BALTIMORE COUNTY --- 2.1 ENE BLUE MT [39.61, -76.58]</b>				
	09/23/21 07:05 EST		2K	Thunderstorm Wind (EG 50 kt)
	09/23/21 07:05 EST		0	Source: Emergency Manager
A tree and wires blew down near the intersection of Wesley Chapel Road and McComas Road.				
<b>HARFORD COUNTY --- 0.9 SE DUBLIN [39.64, -76.26]</b>				
	09/23/21 08:30 EST		2K	Thunderstorm Wind (EG 50 kt)
	09/23/21 08:30 EST		0	Source: 911 Call Center
Two trees blew down near the intersection of US-1 Conowingo Road and Poole Road.				
<b>HARFORD COUNTY --- 1.8 SE WEBSTER VLG [39.56, -76.15]</b>				
	09/23/21 08:37 EST		1K	Thunderstorm Wind (EG 50 kt)
	09/23/21 08:37 EST		0	Source: Department of Highways
A tree blew down onto southbound I-95 past Exit 89/MD-155 Level Road at mile marker 87.0.				
<b>CECIL COUNTY --- 2.0 N ELK NECK [39.55, -75.95]</b>				
	09/23/21 09:40 EST		1K	Thunderstorm Wind (EG 50 kt)
	09/23/21 09:40 EST		0	Source: Emergency Manager
Trees blew down near Charlestown, including on MD-272 Turkey Point Road near McKinneytown Road.				
<b>A line of showers and thunderstorms produced widely scattered wind damage over northeastern Maryland.</b>				
<b>VIRGINIA, North</b>				
<b>ALBEMARLE COUNTY --- 3.6 SE FARMINGTON [38.01, -78.50], 3.6 NW SIMEON [38.01, -78.50], 3.6 NW SIMEON [38.01, -78.50], 3.6 NW SIMEON [38.01, -78.50], 3.6 SE FARMINGTON [38.02, -78.50]</b>				
	09/01/21 00:00 EST		0	Flash Flood (due to Heavy Rain)
	09/01/21 00:00 EST		0	Source: 911 Call Center
High water rapidly developed along 5th Street and Harris Road due to heavy rainfall, causing the road to be closed.				
<b>FAIRFAX COUNTY --- 0.8 WNW LANGLEY [38.95, -77.18], 0.8 WNW LANGLEY [38.95, -77.18], 0.8 W LANGLEY [38.95, -77.18], 0.8 W LANGLEY [38.95, -77.18]</b>				
	09/01/21 02:00 EST		0	Flood (due to Heavy Rain)
	09/01/21 04:00 EST		0	Source: 911 Call Center

## Storm Data and Unusual Weather Phenomena - September 2021

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Water rescue on Georgetown Pike at Lawton Street.				
<b>FAIRFAX COUNTY --- 0.4 SW TYSONS CORNER [38.92, -77.24], 0.5 SW TYSONS CORNER [38.92, -77.24], 0.4 SW TYSONS CORNER [38.91, -77.24], 0.4 SW TYSONS CORNER [38.92, -77.23]</b>				
	09/01/21 02:01 EST	0		Flood (due to Heavy Rain)
	09/01/21 04:01 EST	0		Source: 911 Call Center
Old Courthouse Road near Howard Avenue closed due to flooding.				
<b>FAIRFAX COUNTY --- 0.5 ENE CROWELLS CORNER [38.95, -77.29], 0.5 ENE CROWELLS CORNER [38.95, -77.29], 0.5 ENE CROWELLS CORNER [38.95, -77.29], 0.6 ENE CROWELLS CORNER [38.95, -77.29]</b>				
	09/01/21 02:02 EST	0		Flood (due to Heavy Rain)
	09/01/21 04:02 EST	0		Source: Emergency Manager
Browns Mill Road near Difficult Run closed due to high water.				
<b>FAIRFAX COUNTY --- 0.5 ENE CROWELLS CORNER [38.95, -77.29], 0.6 ENE CROWELLS CORNER [38.95, -77.29], 0.5 ENE CROWELLS CORNER [38.95, -77.29], 0.5 ENE CROWELLS CORNER [38.95, -77.29]</b>				
	09/01/21 03:09 EST	0		Flood (due to Heavy Rain)
	09/01/21 11:21 EST	0		Source: River/Stream Gage
The water level rose above flood stage along the Difficult Run at Wolf Trap , cresting at 197.14 feet on September 1st at 5:50 AM EST. Browns Mill Road was covered by at least six inches of water.				
<b>FAIRFAX COUNTY --- 0.9 NNW CLARKS CROSSING [38.93, -77.31], 0.7 NNW CLARKS CROSSING [38.93, -77.31], 0.7 NNW CLARKS CROSSING [38.93, -77.30], 0.9 NNW CLARKS CROSSING [38.93, -77.30]</b>				
	09/01/21 03:26 EST	0		Flash Flood (due to Heavy Rain)
	09/01/21 04:00 EST	0		Source: Broadcast Media
High water that rapidly developed along with storm debris blocked VA-674 both ways at Difficult Run River between Cedar Pond Drive and Hunter Station Road.				
<b>FAIRFAX COUNTY --- 1.5 SW MERRIFIELD [38.85, -77.25], 1.0 WSW TREMONT [38.84, -77.24], 0.9 WSW TREMONT [38.85, -77.24], 1.4 SW MERRIFIELD [38.85, -77.25]</b>				
	09/01/21 03:37 EST	0		Flood (due to Heavy Rain)
	09/01/21 06:26 EST	0		Source: River/Stream Gage
The water level rose above flood stage, cresting at 252.38 feet at 5:25 AM EST on September 1st. Both Woodburn Road and Prosperity Avenue were flooded by at least six inches of water.				
<b>FAIRFAX COUNTY --- 1.0 WSW TREMONT [38.85, -77.24], 0.9 WSW TREMONT [38.85, -77.24], 1.0 WSW TREMONT [38.85, -77.24], 1.0 WSW TREMONT [38.85, -77.24]</b>				
	09/01/21 03:45 EST	0		Flood (due to Heavy Rain)
	09/01/21 05:45 EST	0		Source: Broadcast Media
Gauge went above flood stage with car stranded on Woodburn Road.				
<b>FAIRFAX (C) COUNTY --- 7.3 NNW FAIRFAX [38.95, -77.34], 7.3 NNW FAIRFAX [38.95, -77.34], 7.2 NNW FAIRFAX [38.95, -77.34], 7.3 NNW FAIRFAX [38.95, -77.34], 7.3 NNW FAIRFAX [38.95, -77.34]</b>				
	09/01/21 03:48 EST	0		Flood (due to Heavy Rain)
	09/01/21 06:48 EST	0		Source: Public
Two cars were stranded in high water along Metro Center Drive.				
<b>FAIRFAX COUNTY --- 0.4 NNE CROWELLS CORNER [38.96, -77.30], 0.4 NE CROWELLS CORNER [38.95, -77.30], 0.6 E CROWELLS CORNER [38.95, -77.29], 0.7 ENE CROWELLS CORNER [38.95, -77.29], 0.5 NE CROWELLS CORNER [38.96, -77.29]</b>				
	09/01/21 07:37 EST	0		Flood (due to Heavy Rain)
	09/01/21 09:37 EST	0		Source: Broadcast Media
SR 675/Browns Mill Road closed due to flooding at Difficult Run.				

## Storm Data and Unusual Weather Phenomena - September 2021

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>SHENANDOAH COUNTY --- 0.6 ESE EDITH XRDS [38.77, -78.49], 0.9 ESE EDITH XRDS [38.76, -78.49], 0.4 SSW ST DAVIDS CHURCH [38.79, -78.45], 0.5 SW ST DAVIDS CHURCH [38.80, -78.46]</b>				
	09/01/21 08:38 EST		0	Flood (due to Heavy Rain)
	09/01/21 10:38 EST		0	Source: Department of Highways
SR 769/Saint Davids Church Road closed between SR 777/Merrick Lane and SR 776/Siberts Road due to flooding.				
<b>MANASSAS (C) COUNTY --- 3.6 NNW MANASSAS [38.80, -77.50], 3.5 N MANASSAS [38.80, -77.47], 3.2 N MANASSAS [38.80, -77.47], 3.2 N MANASSAS [38.80, -77.48], 3.4 NNW MANASSAS [38.80, -77.50]</b>				
	09/01/21 09:04 EST		0	Flood (due to Heavy Rain)
	09/01/21 11:33 EST		0	Source: River/Stream Gage
The water level rose above flood stage, cresting at 12.14 feet on September 1st at 10:15 AM EST. Water covered backyards in the Yorkshire area and portions of the trail system along Bull Run in the vicinity of Yorkshire were flooded.				
<b>SHENANDOAH COUNTY --- 1.4 E NEW MARKET [38.65, -78.64], 1.5 E NEW MARKET [38.65, -78.64], 1.6 E NEW MARKET [38.65, -78.64], 1.5 E NEW MARKET [38.65, -78.64]</b>				
	09/01/21 09:20 EST		0	Flood (due to Heavy Rain)
	09/02/21 00:27 EST		0	Source: River/Stream Gage
The water level along the Smith Creek at New Market rose above the flood stage of 8 feet, cresting at 9.53 feet at 7:15 PM EST on the 1st of September.				
<b>PAGE COUNTY --- 1.1 SSE SPRINGFIELD [38.71, -78.44], 0.9 SSE SPRINGFIELD [38.71, -78.45], 1.0 S SPRINGFIELD [38.71, -78.45], 1.1 SSE SPRINGFIELD [38.70, -78.45]</b>				
	09/01/21 10:41 EST		0	Flood (due to Heavy Rain)
	09/01/21 12:41 EST		0	Source: Department of Highways
SR 658/Pass Run Road closed due to flooding at Pass Run, between US 340 and SR 648/Sandy Run Road.				
<b>ROCKINGHAM COUNTY --- 3.0 NW TIMBERVILLE [38.68, -78.81], 1.9 WNW MECHANICSVILLE [38.68, -78.81], 1.7 WNW MECHANICSVILLE [38.67, -78.81], 1.6 WNW MECHANICSVILLE [38.68, -78.81]</b>				
	09/01/21 11:40 EST		0	Flood (due to Heavy Rain)
	09/01/21 13:40 EST		0	Source: Trained Spotter
Fort Run Creek flowing out of its banks.				
<b>SHENANDOAH COUNTY --- 1.1 SSW EDITH [38.74, -78.53], 1.9 WSW EDITH [38.74, -78.55], 1.2 S SOUTH JACKSON [38.71, -78.65], 1.4 S SOUTH JACKSON [38.71, -78.65], 2.0 SE SOUTH JACKSON [38.71, -78.63], 3.0 ESE SOUTH JACKSON [38.71, -78.60], 3.7 ESE SOUTH JACKSON [38.71, -78.59]</b>				
	09/01/21 11:47 EST		0	Flood (due to Heavy Rain)
	09/01/21 13:47 EST		0	Source: Department of Highways
SR 730/Moreland Gap Road closed between US 11 and Hickory Lane due to flooding.				
<b>SHENANDOAH COUNTY --- 2.5 ENE QUICKSBURG [38.69, -78.64], 2.5 ENE QUICKSBURG [38.69, -78.64], 2.9 SE SOUTH JACKSON [38.70, -78.62], 2.8 ESE SOUTH JACKSON [38.71, -78.61], 2.7 SE SOUTH JACKSON [38.71, -78.61]</b>				
	09/01/21 11:47 EST		0	Flood (due to Heavy Rain)
	09/01/21 13:47 EST		0	Source: Department of Highways
SR 826/Woods Chapel Road closed due to flooding at Honey Run between SR 620/Smith Creek Road and SR 730/Moreland Gap Road.				
<b>ROCKINGHAM COUNTY --- 1.1 NE DAYTON [38.43, -78.92], 1.3 NE DAYTON [38.43, -78.91], 1.3 ENE DAYTON [38.43, -78.91], 1.0 NE DAYTON [38.43, -78.92]</b>				
	09/01/21 11:57 EST		0	Flood (due to Heavy Rain)
	09/01/21 13:57 EST		0	Source: Department of Highways
SR 853/Grace Chapel Road closed due to flooding between VA 42 and SR 910/Garbers Church Road.				
<b>CLARKE COUNTY --- 1.6 NNW DOUBLE TOLLGATE [39.07, -78.14], 1.6 NNW DOUBLE TOLLGATE [39.07, -78.14], 1.2 NNE DOUBLE TOLLGATE [39.07, -78.12], 1.2 NNE DOUBLE TOLLGATE [39.07, -78.12], 1.5 N DOUBLE TOLLGATE [39.07, -78.13]</b>				
	09/01/21 12:23 EST		0	Flood (due to Heavy Rain)
	09/01/21 14:23 EST		0	Source: Department of Highways

## Storm Data and Unusual Weather Phenomena - September 2021

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
SR 646/Nations Spring Road closed due to flooding between Reardon Lane and SR 644/Gun Barrel Road.				
<b>ROCKINGHAM COUNTY --- 0.2 SE BROADWAY [38.62, -78.80], 0.2 SE BROADWAY [38.62, -78.80], 0.2 SE BROADWAY [38.62, -78.80], 0.1 SE BROADWAY [38.62, -78.80]</b>				
	09/01/21 13:01 EST		0	Flood (due to Heavy Rain)
	09/01/21 15:01 EST		0	Source: Department of Highways
Shenandoah Avenue closed near VA 259/West Lee Street due to flooding.				
<b>MADISON COUNTY --- 0.5 N BANCO [38.46, -78.30], 0.5 NNW BANCO [38.46, -78.30], 0.6 N BANCO [38.46, -78.30], 0.6 N BANCO [38.46, -78.30]</b>				
	09/01/21 13:24 EST		0	Flood (due to Heavy Rain)
	09/01/21 15:24 EST		0	Source: Department of Highways
Poor House Rd./Lindsay Ln. was closed due to flooding north of Oak Grove Rd.				
<b>MADISON COUNTY --- 2.4 SSW BRIGHTWOOD [38.39, -78.22], 2.4 SSW BRIGHTWOOD [38.39, -78.22], 2.3 SSW BRIGHTWOOD [38.39, -78.22], 2.4 SSW BRIGHTWOOD [38.39, -78.22]</b>				
	09/01/21 13:24 EST		0	Flood (due to Heavy Rain)
	09/01/21 15:24 EST		0	Source: Department of Highways
Gate Rd. was closed due to flooding at Little Dark Run east of US-29.				
<b>SHENANDOAH COUNTY --- 0.3 WNW CALVARY [38.87, -78.56], 0.6 SW CALVARY [38.86, -78.56], 0.6 S CALVARY [38.86, -78.55], 0.5 S CALVARY [38.86, -78.55], 0.2 WNW CALVARY [38.87, -78.55]</b>				
	09/01/21 14:58 EST		0	Flood (due to Heavy Rain)
	09/01/21 16:58 EST		0	Source: Department of Highways
Saint Luke Rd./Sheetz Mill Rd. was closed due to flooding at Narrow Passage Creek.				
<b>SHENANDOAH COUNTY --- 0.5 SSE READUS [38.84, -78.60], 0.6 SSE READUS [38.84, -78.59], 0.5 ESE READUS [38.85, -78.59], 0.5 ENE READUS [38.85, -78.59], 0.4 ENE READUS [38.85, -78.59]</b>				
	09/01/21 14:58 EST		0	Flood (due to Heavy Rain)
	09/01/21 16:58 EST		0	Source: Department of Highways
Rittenour Rd. was closed due to flooding between Stoney Creek Rd. and Stoneburner Rd.				
<b>SHENANDOAH COUNTY --- 0.7 E JEROME [38.87, -78.71], 0.6 ESE JEROME [38.87, -78.71], 0.7 ESE JEROME [38.87, -78.71], 0.9 ESE JEROME [38.87, -78.70]</b>				
	09/01/21 14:58 EST		0	Flood (due to Heavy Rain)
	09/01/21 16:58 EST		0	Source: Department of Highways
SR 611/Supinlick Ridge Road closed due to flooding at Stony Creek.				
<b>SHENANDOAH COUNTY --- 0.8 WNW CALVARY [38.87, -78.56], 0.9 WNW CALVARY [38.87, -78.57], 0.8 WNW CALVARY [38.87, -78.56], 0.7 WNW CALVARY [38.87, -78.56]</b>				
	09/01/21 14:58 EST		0	Flood (due to Heavy Rain)
	09/01/21 16:58 EST		0	Source: Department of Highways
SR 682/Lambert Drive closed due to flooding at Narrow Passage Creek.				
<b>SHENANDOAH COUNTY --- 1.0 SSW ST LUKE [38.89, -78.58], 1.8 E COLUMBIA FURNACE [38.87, -78.59], 1.8 NNE READUS [38.87, -78.59], 1.0 S ST LUKE [38.89, -78.58]</b>				
	09/01/21 14:58 EST		0	Flood (due to Heavy Rain)
	09/01/21 16:58 EST		0	Source: Department of Highways
SR 679/Rittenour Road closed due to flooding between VA 42 and SR 680/Coffmantown Road.				
<b>SHENANDOAH COUNTY --- 1.3 ESE WOODSTOCK [38.87, -78.50], 1.7 ESE WOODSTOCK [38.87, -78.49], 1.6 ESE WOODSTOCK [38.87, -78.49], 1.5 ESE WOODSTOCK [38.87, -78.49], 1.3 ESE WOODSTOCK [38.87, -78.50]</b>				
	09/01/21 14:58 EST		0	Flood (due to Heavy Rain)
	09/01/21 16:58 EST		0	Source: Department of Highways

## Storm Data and Unusual Weather Phenomena - September 2021

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
SR 667/Lupton Road closed at North Fork Shenandoah River due to flooding.				
<b>SHENANDOAH COUNTY --- 1.7 NW COLUMBIA FURNACE [38.89, -78.64], 1.7 NW COLUMBIA FURNACE [38.89, -78.64], 1.0 NNW COLUMBIA FURNACE [38.88, -78.63], 0.5 NNW COLUMBIA FURNACE [38.88, -78.62], 0.5 NW COLUMBIA FURNACE [38.88, -78.63]</b>				
	09/01/21 14:58 EST	0		Flood (due to Heavy Rain)
	09/01/21 16:58 EST	0		Source: Department of Highways
Wolf Gap Rd. was closed due to flooding along Stony Creek between Back Rd. and Johnstown Rd.				
<b>FREDERICK COUNTY --- 1.9 SSE BRUCETOWN [39.22, -78.06], 1.9 SSE BRUCETOWN [39.22, -78.06], 1.7 SSE BRUCETOWN [39.23, -78.06], 1.7 SSE BRUCETOWN [39.23, -78.06]</b>				
	09/01/21 15:02 EST	0		Flood (due to Heavy Rain)
	09/01/21 17:02 EST	0		Source: Department of Highways
Old Charles Town Rd. was closed due to flooding at Opequon Creek.				
<b>LOUDOUN COUNTY --- 19.0 NW HERNDON HGTS [39.20, -77.62], 18.8 NW HERNDON HGTS [39.19, -77.62], 18.6 NW HERNDON HGTS [39.19, -77.61], 18.9 NW HERNDON HGTS [39.20, -77.62]</b>				
	09/01/21 15:11 EST	0		Flood (due to Heavy Rain)
	09/01/21 15:32 EST	0		Source: River/Stream Gage
The water level along the SF Catoclin Creek in Waterford rose above flood stage , cresting at 8.04 feet at 3:20 PM EST September 1st. Lowlands fields near the creek were flooded.				
<b>WARREN COUNTY --- 1.5 WSW CEDARVILLE [38.97, -78.21], 0.6 WSW CEDARVILLE [38.98, -78.19], 0.7 W CEDARVILLE [38.98, -78.19], 1.5 WSW CEDARVILLE [38.97, -78.21]</b>				
	09/01/21 15:12 EST	0		Flood (due to Heavy Rain)
	09/01/21 17:12 EST	0		Source: Department of Highways
Ritenour Hollow Rd. was closed due to flooding along Ritenour Run between Guard Hill Rd. and Reliance Rd.				
<b>WARREN COUNTY --- 2.2 W NINEVEH [39.01, -78.21], 2.1 W NINEVEH [39.01, -78.21], 2.1 W NINEVEH [39.01, -78.21], 2.2 W NINEVEH [39.01, -78.21]</b>				
	09/01/21 15:12 EST	0		Flood (due to Heavy Rain)
	09/01/21 17:12 EST	0		Source: Department of Highways
Bowman Hollow Rd. was closed due to flooding near Sheep Run just west of the intersection with Beagle Club Ln./Bunker Hill Rd/Refuge Church Rd.				
<b>SHENANDOAH COUNTY --- 0.5 S FAIRMONT SCHOOL [39.02, -78.47], 0.5 S FAIRMONT SCHOOL [39.02, -78.47], 0.4 S FAIRMONT SCHOOL [39.02, -78.47], 0.5 S FAIRMONT SCHOOL [39.02, -78.47]</b>				
	09/01/21 15:26 EST	0		Flood (due to Heavy Rain)
	09/01/21 17:26 EST	0		Source: Department of Highways
Still House Rd. was closed due to flooding at Cold Spring Run near Cedar Creek Rd.				
<b>FREDERICK COUNTY --- 1.3 ESE MOUNTAIN FALLS [39.11, -78.38], 2.3 SE MOUNTAIN FALLS [39.10, -78.37], 2.3 SE MOUNTAIN FALLS [39.10, -78.37], 1.3 SE MOUNTAIN FALLS [39.11, -78.38]</b>				
	09/01/21 15:30 EST	0		Flood (due to Heavy Rain)
	09/01/21 17:30 EST	0		Source: Department of Highways
Moore's Ford Rd. was closed due to flooding along Fall Run between Lemming Ln. and Back Mountain Rd/Wardensville Grade.				
<b>FREDERICK COUNTY --- 2.3 ENE HAYFIELD [39.24, -78.26], 2.0 ENE HAYFIELD [39.24, -78.27], 1.2 NE HAYFIELD [39.24, -78.28], 1.1 NE HAYFIELD [39.24, -78.28], 1.8 NNE ROUND HILL [39.22, -78.23], 1.7 W NAIN [39.23, -78.23]</b>				
	09/01/21 15:30 EST	0		Flood (due to Heavy Rain)
	09/01/21 17:30 EST	0		Source: Department of Highways
Indian Hollow Rd. was closed due to flooding between North Hayfield Rd. and Dicks Hollow Rd.				
<b>FREDERICK COUNTY --- 2.7 N SILER [39.39, -78.25], 2.6 N SILER [39.39, -78.25], 3.0 N SILER [39.39, -78.25], 3.1 N SILER [39.40, -78.25]</b>				
	09/01/21 15:30 EST	0		Flood (due to Heavy Rain)
	09/01/21 17:30 EST	0		Source: Department of Highways

## Storm Data and Unusual Weather Phenomena - September 2021

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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Pack Horse Rd. was closed due to flooding along Little Mountain Run between Brush Creek Rd. and Shockeyville Rd.

The remnants of Ida produced widespread flooding along with instances of flash flooding across the area. Tropical moisture infiltrated the area and there were moderate amounts of instability as well. This combined with the lift provided from the remnants of Ida led to heavy rainfall during this time. Rainfall amounts averaged around 1-3" near and east of Interstate 95, with amounts around 2 to 5 inches across portions of northern Virginia.

**ORANGE COUNTY --- 1.4 NNE EVERONA [38.32, -77.96]**

09/01/21 01:08 EST			1K	Thunderstorm Wind (EG 50 kt)
09/01/21 01:08 EST			0	Source: 911 Call Center

A tree blew down near the intersection of US-522 Zachary Taylor Highway and VA-617 Pine Stake Road/Everona Road.

**ORANGE COUNTY --- 5.6 NNW INDIANTOWN [38.45, -77.83]**

09/01/21 01:20 EST			2K	Thunderstorm Wind (EG 50 kt)
09/01/21 01:20 EST			0	Source: 911 Call Center

Trees blew down along VA-603 Indiantown Road near VA-611 Zoar Road and VA-685 Russell Road.

**FAIRFAX COUNTY --- 2.1 S CHANTILLY [38.87, -77.43]**

09/01/21 01:52 EST			1K	Thunderstorm Wind (EG 50 kt)
09/01/21 01:52 EST			0	Source: 911 Call Center

A tree blew down near the intersection of Poplar Tree Road and VA-657 Walney Road.

**FAIRFAX COUNTY --- 2.3 S CLIFTON [38.75, -77.37]**

09/01/21 01:58 EST			1K	Thunderstorm Wind (EG 50 kt)
09/01/21 01:58 EST			0	Source: 911 Call Center

A tree blew down near the intersection of VA-612 Old Yates Ford Road and VA-643 Henderson Road.

**FAIRFAX COUNTY --- 0.9 NNE VALE [38.89, -77.34]**

09/01/21 02:01 EST			2K	Thunderstorm Wind (EG 50 kt)
09/01/21 02:01 EST			0	Source: NWS Employee

A tree blew down in the 11500 block of VA-672 Vale Road. A large tree about three and a half feet in diameter was uprooted behind a residence in the 12800 block of Bexhill Court.

**FAIRFAX COUNTY --- 0.3 E ENOLA [38.90, -77.22]**

09/01/21 02:12 EST			1K	Thunderstorm Wind (EG 50 kt)
09/01/21 02:12 EST			0	Source: Broadcast Media

Wires blew down near the intersection of VA-650 Gallows Road and VA-698 Cedar Lane/Oak Street.

**FAIRFAX COUNTY --- 1.0 NE SWINKS MILL [38.96, -77.19]**

09/01/21 02:15 EST			2K	Thunderstorm Wind (EG 50 kt)
09/01/21 02:15 EST			0	Source: Department of Highways

Several trees blew down near Great Falls. A tree blew down near the intersection of VA-603 Beach Mill Road and Club View Drive. A tree blew down on southbound I-495 Capital Beltway Outer Loop at mile marker 43.

**ARLINGTON COUNTY --- 1.2 E BARCROFT [38.90, -77.11]**

09/01/21 02:23 EST			25K	Thunderstorm Wind (EG 50 kt)
09/01/21 02:23 EST			0	Source: 911 Call Center

A large tree limb blew through the roof of a residence near the intersection of US-29 Lee Highway and Military Road. A tree blew down on northbound George Washington Memorial Parkway after VA-123 Chain Bridge Road/Dolley Madison Boulevard blocking the right lane.

**ARLINGTON COUNTY --- 1.5 N ROSSLYN [38.90, -77.08]**

09/01/21 02:27 EST			2K	Thunderstorm Wind (EG 50 kt)
09/01/21 02:27 EST			0	Source: Broadcast Media

Trees blew down on southbound George Washington Memorial Parkway near Spout Run Parkway.

## Storm Data and Unusual Weather Phenomena - September 2021

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>KING GEORGE COUNTY --- 0.6 S HOP YARD LNDG [38.24, -77.22]</b>				
	09/01/21 12:07 EST		2K	Thunderstorm Wind (EG 50 kt)
	09/01/21 12:07 EST		0	Source: Department of Highways
Trees blew down on VA-607 Port Conway Road between VA-610 Powhatan Road and Hop Yard Farm Circle.				
<b>PRINCE WILLIAM COUNTY --- 1.2 ESE TRIANGLE [38.54, -77.31]</b>				
	09/01/21 16:45 EST		5K	Thunderstorm Wind (EG 40 kt)
	09/01/21 16:45 EST		0	Source: Emergency Manager
A tree fell onto a house in the 18000 block of Kerill Road. No other wind damage was noted in the area.				
<b>The remnants of Ida produced sporadic straight line wind damage.</b>				
<b>WARREN COUNTY --- 0.3 SSE FRONT ROYAL WARN ARP [38.92, -78.25], 0.4 SE FRONT ROYAL WARN ARP [38.92, -78.24], 0.3 NNE FRONT ROYAL WARN ARP [38.92, -78.25], 0.5 NNW FRONT ROYAL WARN ARP [38.93, -78.25], 0.5 NW FRONT ROYAL WARN ARP [38.93, -78.26]</b>				
	09/08/21 22:05 EST		0	Flood (due to Heavy Rain)
	09/09/21 00:05 EST		0	Source: 911 Call Center
Stokes Airport Road near Front Royal Airport closed due to high water.				
<b>WARREN COUNTY --- 0.5 W FRONT ROYAL WARN ARP [38.92, -78.26], 0.4 W FRONT ROYAL WARN ARP [38.92, -78.26], 0.4 NNW FRONT ROYAL WARN ARP [38.93, -78.25], 0.6 NW FRONT ROYAL WARN ARP [38.93, -78.26], 0.6 SE BETHEL [38.92, -78.26]</b>				
	09/08/21 22:05 EST		0	Flood (due to Heavy Rain)
	09/09/21 00:05 EST		0	Source: 911 Call Center
Ridgeway Road closed near Front Royal Airport closed due to high water.				
<b>PAGE COUNTY --- 0.7 N SPITLER [38.63, -78.48], 0.6 NNE SPITLER [38.63, -78.48], 0.7 NNE SPITLER [38.63, -78.48], 1.4 NNE SPITLER [38.64, -78.47], 1.7 NNE SPITLER [38.64, -78.47]</b>				
	09/09/21 00:23 EST		0	Flood (due to Heavy Rain)
	09/09/21 02:23 EST		0	Source: 911 Call Center
U.S. Highway 340 Business closed near Luray due to high water.				
<b>PAGE COUNTY --- 0.9 SSE LURAY [38.66, -78.47], 0.9 SSE LURAY [38.66, -78.47], 0.9 SSE LURAY [38.66, -78.46], 0.9 SSE LURAY [38.66, -78.46]</b>				
	09/09/21 00:25 EST		0	Flood (due to Heavy Rain)
	09/09/21 02:25 EST		0	Source: 911 Call Center
South Court Street at Greenfield Road closed due to high water.				
<b>SHENANDOAH COUNTY --- 1.5 E NEW MARKET [38.65, -78.64], 1.6 E NEW MARKET [38.65, -78.64], 1.5 E NEW MARKET [38.65, -78.64], 1.4 E NEW MARKET [38.65, -78.65]</b>				
	09/09/21 03:41 EST		0	Flood (due to Heavy Rain)
	09/09/21 09:38 EST		0	Source: River/Stream Gage
The water level along the Smith Creek at New Market rose above the flood stage of 8 feet, cresting at 9.17 feet at 8:00 AM EST on the 9th of September.				
<b>SHENANDOAH COUNTY --- 0.5 W ST DAVIDS CHURCH [38.80, -78.46], 0.4 SW ST DAVIDS CHURCH [38.80, -78.45], 0.5 N ST DAVIDS CHURCH [38.81, -78.45], 0.6 N ST DAVIDS CHURCH [38.81, -78.45]</b>				
	09/09/21 09:30 EST		0	Flood (due to Heavy Rain)
	09/09/21 11:30 EST		0	Source: 911 Call Center
St. Davids Church Road closed due to high water.				
<b>Showers and thunderstorms produced locally heavy rainfall that led isolated instances of flooding.</b>				
<b>ARLINGTON COUNTY --- SOUTH WASHINGTON [38.87, -77.05], 0.4 S SOUTH WASHINGTON [38.86, -77.05], 0.5 E SOUTH WASHINGTON [38.87, -77.04], 0.5 NE SOUTH WASHINGTON [38.88, -77.05]</b>				
	09/16/21 14:27 EST		0	Flood (due to Heavy Rain)
	09/16/21 16:27 EST		0	Source: Public

## Storm Data and Unusual Weather Phenomena - September 2021

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
High water blocking lanes on I-395 before the 14th Street Bridge.				
<b>ARLINGTON COUNTY --- 2.1 SSE ARLINGTON [38.85, -77.12], 1.9 S ARLINGTON [38.85, -77.13], 1.9 SSE ARLINGTON [38.85, -77.12], 1.9 SE ARLINGTON [38.86, -77.11], 2.0 SSE ARLINGTON [38.86, -77.11]</b>				
	09/16/21 14:37 EST		0	Flood (due to Heavy Rain)
	09/16/21 16:37 EST		0	Source: Broadcast Media
VA-244/Columbia Pike closed in both directions at South Greenbriar Street due to high water.				
<b>ALEXANDRIA (C) COUNTY --- 2.7 W POTOMAC YARD [38.83, -77.13], 2.6 W ALEXANDRIA [38.82, -77.13], 2.8 W ALEXANDRIA [38.82, -77.13], 3.0 W POTOMAC YARD [38.83, -77.14], 3.1 W POTOMAC YARD [38.84, -77.14]</b>				
	09/16/21 15:04 EST		0	Flood (due to Heavy Rain)
	09/16/21 17:04 EST		0	Source: Public
Holmes Run is out of its banks and onto nearby trails and roads.				
<b>ALEXANDRIA (C) COUNTY --- 2.9 W POTOMAC YARD [38.83, -77.13], 2.9 W POTOMAC YARD [38.83, -77.13], 2.8 W POTOMAC YARD [38.83, -77.13], 2.9 W POTOMAC YARD [38.83, -77.13]</b>				
	09/16/21 15:04 EST		0	Flash Flood (due to Heavy Rain)
	09/16/21 17:30 EST		0	Source: 911 Call Center
Holmes Run was out of its banks and flowing onto nearby trails and roads.				
<b>FAIRFAX COUNTY --- 0.9 NW RAVENSWORTH [38.81, -77.23], 1.4 N RAVENSWORTH [38.82, -77.22], 1.1 SSE TREMONT [38.83, -77.22], 0.6 SSW TREMONT [38.84, -77.23], 0.7 ESE ILDA [38.83, -77.24]</b>				
	09/16/21 15:20 EST		0	Flood (due to Heavy Rain)
	09/16/21 17:20 EST		0	Source: River/Stream Gage
Accotink Creek rose above flood stage at Strathmead Springs and Annandale.				
<b>FAIRFAX COUNTY --- 1.4 N ILDA [38.85, -77.25], 0.8 NNE ILDA [38.84, -77.25], 0.9 NNE ILDA [38.84, -77.24], 1.4 W TREMONT [38.85, -77.25]</b>				
	09/16/21 15:20 EST		0	Flood (due to Heavy Rain)
	09/16/21 17:20 EST		0	Source: 911 Call Center
Vehicle stranded in high water on Prosperity Avenue near Morningside Drive.				
<b>FAIRFAX COUNTY --- 0.9 NE FAIRFAX PARK [38.78, -77.24], 1.0 NE FAIRFAX PARK [38.78, -77.24], 1.2 NE FAIRFAX PARK [38.78, -77.23], 1.3 SW RAVENSWORTH [38.79, -77.24]</b>				
	09/16/21 15:21 EST		0	Flood (due to Heavy Rain)
	09/16/21 17:21 EST		0	Source: 911 Call Center
Vehicle stranded on Rolling Road near Bauer Drive due to high water.				
<b>FAIRFAX COUNTY --- 1.0 WSW TREMONT [38.85, -77.24], 1.0 WSW TREMONT [38.85, -77.24], 1.0 WSW TREMONT [38.85, -77.24], 1.0 WSW TREMONT [38.85, -77.24]</b>				
	09/16/21 15:21 EST		0	Flood (due to Heavy Rain)
	09/16/21 16:21 EST		0	Source: River/Stream Gage
The water level along the Accotink Creek rose above flood stage, cresting at 10.24 feet at 3:45 PM EST on the 16th. Woodburn Road was closed at Accotink Creek.				
<b>FAIRFAX COUNTY --- 1.5 NNW NORTH SPRINGFIELD [38.82, -77.21], 1.1 NNE RAVENSWORTH [38.82, -77.22], 1.1 NNW NORTH SPRINGFIELD [38.81, -77.21], 1.3 NNW NORTH SPRINGFIELD [38.82, -77.21]</b>				
	09/16/21 15:21 EST		0	Flood (due to Heavy Rain)
	09/16/21 17:21 EST		0	Source: 911 Call Center
Vehicle stranded in high water on Terrell Street near Royston Street.				
<b>FAIRFAX COUNTY --- 1.1 W TREMONT [38.85, -77.24], 0.9 N ILDA [38.84, -77.25], 0.7 NNE ILDA [38.84, -77.24], 0.6 W TREMONT [38.85, -77.23], 0.6 NW TREMONT [38.85, -77.23]</b>				
	09/16/21 15:22 EST		0	Flood (due to Heavy Rain)
	09/16/21 17:22 EST		0	Source: Broadcast Media

## Storm Data and Unusual Weather Phenomena - September 2021

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Woodburn Road closed between Robey Avenue and Spicewood Drive due to high water.				
<b>FAIRFAX COUNTY --- 0.5 SSE RAVENSWORTH [38.79, -77.22], 0.4 NE RAVENSWORTH [38.80, -77.21], 0.7 NNW RAVENSWORTH [38.81, -77.23], 0.4 W RAVENSWORTH [38.80, -77.23]</b>				
	09/16/21 15:23 EST		0	Flood (due to Heavy Rain)
	09/16/21 17:23 EST		0	Source: Department of Highways
Gosport Lane closed near Queensberry Avenue due to high water.				
<b>FAIRFAX COUNTY --- 1.5 SW MERRIFIELD [38.85, -77.25], 1.0 WSW TREMONT [38.85, -77.24], 0.9 WSW TREMONT [38.85, -77.24], 1.4 SW MERRIFIELD [38.85, -77.25]</b>				
	09/16/21 15:48 EST		0	Flood (due to Heavy Rain)
	09/16/21 17:28 EST		0	Source: 911 Call Center
The water level rose above flood stage, cresting at 251.52 feet at 5:25 PM EST on September 16th. Both Woodburn Road and Prosperity Avenue were flooded by at least six inches of water.				
<b>FAIRFAX COUNTY --- 1.5 SW MERRIFIELD [38.85, -77.25], 1.0 WSW TREMONT [38.85, -77.24], 0.9 WSW TREMONT [38.85, -77.24], 1.4 SW MERRIFIELD [38.85, -77.25]</b>				
	09/16/21 15:48 EST		0	Flood (due to Heavy Rain)
	09/16/21 17:28 EST		0	Source: River/Stream Gage
The water level rose above flood stage, cresting at 251.52 feet at 5:25 PM EST on September 16th. Both Woodburn Road and Prosperity Avenue were flooded by at least six inches of water.				
<b>ALEXANDRIA (C) COUNTY --- 1.8 ESE ALEXANDRIA [38.81, -77.05], 1.6 ESE ALEXANDRIA [38.82, -77.05], 1.4 ESE ALEXANDRIA [38.82, -77.06], 1.3 ESE ALEXANDRIA [38.81, -77.06]</b>				
	09/16/21 16:25 EST		0	Flood (due to Heavy Rain)
	09/16/21 18:25 EST		0	Source: Broadcast Media
East Braddock Road closed at North West Street due to high water. Vehicles stranded.				
<b>ALEXANDRIA (C) COUNTY --- 1.8 E POTOMAC YARD [38.83, -77.05], 2.1 E POTOMAC YARD [38.83, -77.04], 2.0 E ALEXANDRIA [38.81, -77.04], 1.7 E ALEXANDRIA [38.82, -77.05]</b>				
	09/16/21 16:36 EST		0	Flood (due to Heavy Rain)
	09/16/21 18:36 EST		0	Source: Broadcast Media
High water blocking several lanes of George Washington Parkway between Slaters Lane and Bashford Lane.				
<b>ALEXANDRIA (C) COUNTY --- 1.9 E ALEXANDRIA [38.82, -77.04], 1.9 E ALEXANDRIA [38.82, -77.04], 2.0 E ALEXANDRIA [38.82, -77.04], 2.0 E ALEXANDRIA [38.82, -77.04]</b>				
	09/16/21 16:36 EST		0	Flash Flood (due to Heavy Rain)
	09/16/21 17:30 EST		0	Source: 911 Call Center
High water was blocking several lanes of the George Washington Parkway between Slaters Lane and Bashford Lane.				
<b>A light flow aloft along with an unstable atmosphere led to slow moving showers and thunderstorms. Heavy amounts of rain led to instances of flooding and flash flooding.</b>				
<b>FAIRFAX COUNTY --- 1.6 WSW MT VERNON [38.71, -77.11]</b>				
	09/22/21 13:30 EST		0.50K	Thunderstorm Wind (EG 45 kt)
	09/22/21 13:30 EST		0	Source: Department of Highways
A tree was reported down on Adrienne Drive near Southwood Drive.				
<b>FALLS CHURCH (C) COUNTY --- 1.1 ENE FALLS CHURCH [38.88, -77.16]</b>				
	09/22/21 14:15 EST		2K	Thunderstorm Wind (EG 50 kt)
	09/22/21 14:15 EST		0	Source: NWS Employee
Several trees and large branches blew down in Falls Church. A tree blew down near the intersection of Linden Lane and VA-337 Hillwood Avenue. The tops of four healthy oak trees one to two feet in diameter snapped off near Four Mile Run in Isaac Crossman Park .				
<b>FAIRFAX COUNTY --- 0.8 SW SWINKS MILL [38.94, -77.21]</b>				

## Storm Data and Unusual Weather Phenomena - September 2021

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	09/22/21 14:17 EST		1K	Thunderstorm Wind (EG 45 kt)
	09/22/21 14:17 EST		0	Source: Department of Highways

A tree was reported down on Huntmaster Court.

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### KING GEORGE COUNTY --- 0.5 W BERTHAVILLE [38.33, -77.13]

	09/22/21 15:22 EST		3K	Thunderstorm Wind (EG 50 kt)
	09/22/21 15:22 EST		0	Source: 911 Call Center

Multiple trees blew down on VA-206 Dahlgren Road, including near Canary Lane where all travel lanes were blocked.

Several showers and thunderstorms in a strong low-level wind shear environment produced damaging wind gusts.

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### WARREN COUNTY --- 0.5 W CEDARVILLE [38.98, -78.19], 1.2 WNW CEDARVILLE [38.99, -78.20], 1.5 W CEDARVILLE [38.98, -78.21], 0.9 WSW CEDARVILLE [38.97, -78.20], 0.6 SW CEDARVILLE [38.97, -78.19], 0.4 SSE CEDARVILLE [38.98, -78.18], 0.5 NE CEDARVILLE [38.99, -78.17]

	09/23/21 02:00 EST		0	Flood (due to Heavy Rain)
	09/23/21 04:00 EST		0	Source: 911 Call Center

Road closure due to flooding near Reliance Road and Rittenhour Hollow Road.

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### ARLINGTON COUNTY --- 0.8 NW ARLINGTON [38.89, -77.14], 1.0 ESE BARCROFT [38.89, -77.11], 1.0 ENE ARLINGTON [38.89, -77.11], 0.4 E ARLINGTON [38.88, -77.12], 0.9 SW ARLINGTON [38.87, -77.14], 2.2 WNW ARLINGTON [38.89, -77.17], 1.5 WSW BARCROFT [38.89, -77.16]

	09/23/21 03:04 EST		0	Flood (due to Heavy Rain)
	09/23/21 05:04 EST		0	Source: Broadcast Media

Several eastbound lanes of I-66 Custis Memorial Parkway were closed due to high standing water between exit 69/US-29 Lee Highway/ VA-237 Washington Boulevard and exit 71/VA-237 Fairfax Drive/VA-120 Glebe Road; only the left lane got by.

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### FREDERICK COUNTY --- 0.9 SE ARMEL [39.07, -78.14], 0.6 SSE ARMEL [39.07, -78.15], 0.4 ESE ARMEL [39.08, -78.14], 1.1 ESE ARMEL [39.08, -78.13]

	09/23/21 04:13 EST		0	Flood (due to Heavy Rain)
	09/23/21 06:13 EST		0	Source: Department of Highways

Reardon Road closed due to flooding near Wrights Run.

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### FREDERICK COUNTY --- 0.8 E WINCHESTER ARPT [39.15, -78.14], 0.9 ENE WINCHESTER ARPT [39.15, -78.14], 1.5 SE BURNING KNOLLS [39.15, -78.11], 1.9 ESE WINCHESTER ARPT [39.14, -78.11]

	09/23/21 04:14 EST		0	Flood (due to Heavy Rain)
	09/23/21 06:14 EST		0	Source: Department of Highways

Sulphur Spring Road closed near Millwood Pike due to flooding.

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### FREDERICK COUNTY --- 2.3 ESE BURNING KNOLLS [39.16, -78.09], 2.8 NE ARMEL [39.11, -78.11], 3.5 ENE ARMEL [39.10, -78.09], 3.2 ESE BURNING KNOLLS [39.16, -78.07], 3.6 SE FREYCO [39.19, -78.06], 1.6 S FREYCO [39.21, -78.10]

	09/23/21 04:53 EST		0	Flood (due to Heavy Rain)
	09/23/21 06:53 EST		0	Source: 911 Call Center

Most roads that cross the Opequon Creek between Clarke and Frederick Counties were closed due to flooding.

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### FAIRFAX COUNTY --- 0.5 ENE CROWELLS CORNER [38.95, -77.29], 0.5 ENE CROWELLS CORNER [38.95, -77.29], 0.6 ENE CROWELLS CORNER [38.95, -77.29], 0.5 ENE CROWELLS CORNER [38.95, -77.29]

	09/23/21 05:12 EST		0	Flood (due to Heavy Rain)
	09/23/21 12:50 EST		0	Source: River/Stream Gage

The water level rose above flood stage along the Difficult Run at Wolf Trap, cresting at 196.05 feet on September 23rd at 8:45 AM EST. Browns Mill Road was covered by at least six inches of water.

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### FAIRFAX COUNTY --- 0.5 E CROWELLS CORNER [38.95, -77.29], 0.9 NW KENMORE [38.96, -77.28], 0.7 S RESTON [38.96, -77.30], 0.1 N CROWELLS CORNER [38.95, -77.30]

	09/23/21 05:15 EST		0	Flood (due to Heavy Rain)
	09/23/21 07:15 EST		0	Source: River/Stream Gage

The stream gage on Difficult Run near Browns Mill Road indicated minor flooding was occurring.

## Storm Data and Unusual Weather Phenomena - September 2021

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>FAIRFAX COUNTY --- 1.1 W TREMONT [38.85, -77.24], 1.1 SSW MERRIFIELD [38.86, -77.24], 1.3 SW MERRIFIELD [38.86, -77.25], 1.6 SW MERRIFIELD [38.85, -77.25], 1.1 W TREMONT [38.85, -77.24], 0.9 WSW TREMONT [38.85, -77.24], 0.8 W TREMONT [38.85, -77.24]</b>				
	09/23/21 05:20 EST		0	Flood (due to Heavy Rain)
	09/23/21 07:20 EST		0	Source: River/Stream Gage
The stream gauge on Accotink Creek at Strathmeade Springs reached flood stage by 620 AM.				
<b>FREDERICK COUNTY --- 0.9 NE WHITACRE [39.34, -78.32], 1.6 N CROSS JCT [39.34, -78.30], 0.8 ESE CROSS JCT [39.32, -78.29], 0.7 W CROSS JCT [39.32, -78.31]</b>				
	09/23/21 05:43 EST		0	Flood (due to Heavy Rain)
	09/23/21 07:43 EST		0	Source: Department of Highways
VA-700 Gardners Road was closed due to flooding between VA-127 Bloomery Pike and VA-701 Redland Road.				
<b>FREDERICK COUNTY --- 1.8 NE WHITACRE [39.35, -78.31], 1.7 NE WHITACRE [39.35, -78.31], 1.5 N CROSS JCT [39.34, -78.30], 1.2 NNE WHITACRE [39.35, -78.32]</b>				
	09/23/21 05:43 EST		0	Flood (due to Heavy Rain)
	09/23/21 07:43 EST		0	Source: Department of Highways
VA-699 New Hope road was closed due to flooding at Little Isaacs Creek between US-522 North Frederick Pike and VA-694 Cumberland Trail Road.				
<b>FREDERICK COUNTY --- 2.1 SSE BRUCETOWN [39.22, -78.06], 2.3 SE BRUCETOWN [39.23, -78.04], 1.4 SSE BRUCETOWN [39.23, -78.06], 1.6 ESE FREYCO [39.22, -78.07]</b>				
	09/23/21 05:43 EST		0	Flood (due to Heavy Rain)
	09/23/21 07:43 EST		0	Source: Department of Highways
VA-761 Old Charles Town Road was closed due to flooding at Opequon Creek.				
<b>FREDERICK COUNTY --- 3.8 NW SILER [39.39, -78.30], 4.2 NW SILER [39.39, -78.31], 3.8 NW SILER [39.39, -78.30], 3.5 NW SILER [39.39, -78.30]</b>				
	09/23/21 05:43 EST		0	Flood (due to Heavy Rain)
	09/23/21 07:43 EST		0	Source: Department of Highways
VA-695 Middle Fork Road was closed due to flooding at US-522 North Frederick Pike.				
<b>FREDERICK COUNTY --- 2.8 SE BURNING KNOLLS [39.15, -78.09], 1.9 SSE BRUCETOWN [39.23, -78.05], 1.6 S BRUCETOWN [39.23, -78.07], 2.4 SE BURNING KNOLLS [39.15, -78.09]</b>				
	09/23/21 06:25 EST		0	Flood (due to Heavy Rain)
	09/23/21 11:05 EST		0	Source: River/Stream Gage
The water level along the Opequon Creek rose above flood stage, cresting at 9:15 AM on the 23rd of September. Both Old Charles Town Road and Sulphur Springs Road were flooded near the creek.				
<b>FREDERICK COUNTY --- 2.9 ESE BURNING KNOLLS [39.16, -78.08], 2.1 ESE BURNING KNOLLS [39.16, -78.09], 2.6 SSE FREYCO [39.19, -78.09], 3.5 SE FREYCO [39.19, -78.05]</b>				
	09/23/21 06:30 EST		0	Flood (due to Heavy Rain)
	09/23/21 08:30 EST		0	Source: River/Stream Gage
The stream gauge on Opequon Creek at Berryville reached flood stage by 7.				
<b>FAIRFAX COUNTY --- 1.0 SSW TREMONT [38.84, -77.22], 0.3 WSW LAKE BARCROFT [38.85, -77.21], 1.6 ESE OAKTON [38.87, -77.27], 1.7 SSE OAKTON [38.86, -77.29]</b>				
	09/23/21 06:42 EST		0	Flood (due to Heavy Rain)
	09/23/21 08:42 EST		0	Source: Broadcast Media
Woodburn Road was closed due to flooding at Accotink Creek near Robey Avenue.				
<b>CULPEPER COUNTY --- 2.1 SW WHITE SHOP [38.41, -78.10], 1.9 SW WHITE SHOP [38.41, -78.09], 2.5 SW WHITE SHOP [38.40, -78.10], 2.5 SW WHITE SHOP [38.41, -78.11]</b>				
	09/23/21 07:18 EST		0	Flood (due to Heavy Rain)
	09/23/21 09:18 EST		0	Source: Department of Highways
VA-618 Waylands Mill Road/VA-657 Old Mill Road was closed due to flooding at Crooken Run.				

## Storm Data and Unusual Weather Phenomena - September 2021

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>MADISON COUNTY --- 0.9 NW OAKPARK [38.38, -78.18], 1.0 NW OAKPARK [38.38, -78.19], 1.6 NW OAKPARK [38.39, -78.19], 1.4 NNW OAKPARK [38.39, -78.18]</b>				
	09/23/21 07:18 EST		0	Flood (due to Heavy Rain)
	09/23/21 09:18 EST		0	Source: Department of Highways
VA-608 Lillard's Ford Road was closed due to flooding between VA-634 Oak Park Road and VA-629 Lonnie Burke Road.				
<b>FREDERICK COUNTY --- 1.8 ENE HAYFIELD [39.24, -78.27], 1.8 NE HAYFIELD [39.25, -78.27], 2.5 WNW NAIN [39.24, -78.24], 2.3 N ROUND HILL [39.23, -78.26]</b>				
	09/23/21 07:24 EST		0	Flood (due to Heavy Rain)
	09/23/21 09:24 EST		0	Source: Department of Highways
VA-679 Indian Hollow Road closed due to flooding between VA-600 North Hayfield Road and US-522 North Frederick Pike.				
<b>FAIRFAX COUNTY --- 0.5 W CLARKS CROSSING [38.92, -77.31], 0.5 NW CLARKS CROSSING [38.92, -77.31], 1.1 WNW CLARKS CROSSING [38.93, -77.32], 1.1 W CLARKS CROSSING [38.92, -77.32]</b>				
	09/23/21 07:35 EST		0	Flood (due to Heavy Rain)
	09/23/21 09:35 EST		0	Source: Department of Highways
VA-673 Lawyers Road was closed due to flooding at Difficult Run River near VA-674 Hunter Mill Road.				
<b>LOUDOUN COUNTY --- 1.4 S LEESBURG MUNI [39.06, -77.55], 1.1 S LEESBURG MUNI [39.06, -77.55], 1.1 SSW LEESBURG MUNI [39.06, -77.56], 1.5 SSW LEESBURG MUNI [39.06, -77.56]</b>				
	09/23/21 08:05 EST		0	Flood (due to Heavy Rain)
	09/23/21 10:05 EST		0	Source: Broadcast Media
VA-643 Sycolin Road was closed due to flooding at Sycolin Creek near VA-653 Shreve Mill Road.				
<b>FAIRFAX COUNTY --- 1.5 SW MERRIFIELD [38.85, -77.25], 1.0 WSW TREMONT [38.85, -77.24], 0.9 WSW TREMONT [38.85, -77.24], 1.4 SW MERRIFIELD [38.85, -77.25]</b>				
	09/23/21 15:48 EST		0	Flood (due to Heavy Rain)
	09/23/21 16:55 EST		0	Source: River/Stream Gage
The water level rose above flood stage, cresting at 251.52 feet at 7:20 AM EST on September 23rd. Both Woodburn Road and Prosperity Avenue were flooded by at least six inches of water.				
<b>A slow moving cold front approached the area on the 22nd before passing through on the 23rd. A deep southerly flow allowed for tropical moisture to move into the area ahead of the boundary. This led to heavy rainfall as the cold front approached, and several instances of flooding occurred.</b>				
<b>ROCKINGHAM COUNTY --- 1.8 NE MC GAHEYSVILLE [38.39, -78.71]</b>				
	09/28/21 15:55 EST		0	Hail (1.00 in)
	09/28/21 15:55 EST		0	Source: Trained Spotter
There were a couple reports of quarter size hail near Massanutten.				
<b>ROCKINGHAM COUNTY --- 1.9 ENE ROCKY BAR [38.36, -78.65]</b>				
	09/28/21 16:03 EST		0	Hail (1.75 in)
	09/28/21 16:03 EST		0	Source: Trained Spotter
Golf ball size hail was reported in the 2000 block of Shady Acres Drive in Elkton.				
<b>GREENE COUNTY --- 2.3 SSW KINDERHOOK [38.34, -78.45]</b>				
	09/28/21 16:05 EST		0	Hail (1.00 in)
	09/28/21 16:05 EST		0	Source: Trained Spotter
Quarter size hail was reported near McMullen.				
<b>ROCKINGHAM COUNTY --- 0.4 W BELDOR [38.35, -78.61]</b>				
	09/28/21 16:07 EST		0	Hail (1.00 in)
	09/28/21 16:07 EST		0	Source: Broadcast Media

## Storm Data and Unusual Weather Phenomena - September 2021

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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Quarter size hail was reported in Beldor.

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### GREENE COUNTY --- 2.0 NE STANDARDSVILLE [38.32, -78.40]

	09/28/21 16:11 EST		0	Hail (1.00 in)
	09/28/21 16:11 EST		0	Source: Trained Spotter

Nickel to quarter size hail accumulated up to 2 inches deep just northeast of Stanardsville.

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### ALBEMARLE COUNTY --- 2.0 N EARLYSVILLE [38.20, -78.48]

	09/28/21 16:50 EST		0	Hail (1.50 in)
	09/28/21 16:50 EST		0	Source: 911 Call Center

Quarter to ping pong ball size hail was reported just north of Earlysville.

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### MADISON COUNTY --- 0.5 N FIVE FORKS [38.31, -78.13]

	09/28/21 16:55 EST		0	Hail (1.25 in)
	09/28/21 16:55 EST		0	Source: Trained Spotter

Hail up to half dollar size was reported near Five Forks.

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### ORANGE COUNTY --- 0.7 WNW VERDTERSVILLE [38.27, -77.89]

	09/28/21 17:02 EST		0	Hail (1.75 in)
	09/28/21 17:02 EST		0	Source: Trained Spotter

Up to golf ball size hail was reported near Rhoadsville.

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### ALBEMARLE COUNTY --- 1.0 SW PROFFIT [38.11, -78.44]

	09/28/21 17:20 EST		0	Hail (1.75 in)
	09/28/21 17:20 EST		0	Source: Broadcast Media

Quarter to golf ball size hail was reported near Hollymead and Carrsbrook.

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### ALBEMARLE COUNTY --- 1.5 E FARMINGTON [38.05, -78.52]

	09/28/21 18:22 EST		0	Hail (1.00 in)
	09/28/21 18:22 EST		0	Source: 911 Call Center

Quarter size hail was reported just west of the Charlottesville city limits.

**Several supercell thunderstorms produced large hail across portions of central Virginia.**

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## WEST VIRGINIA, East

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### JEFFERSON COUNTY --- 0.9 ESE BOLIVAR [39.32, -77.73], 0.7 E BOLIVAR [39.32, -77.74], 0.7 S HARPERS FERRY [39.32, -77.73], 0.6 S HARPERS FERRY [39.32, -77.73], 0.8 S HARPERS FERRY [39.32, -77.73]

	09/01/21 13:18 EST		0	Flood (due to Heavy Rain)
	09/01/21 15:18 EST		0	Source: 911 Call Center

Rockslide/mudslide closed Chestnut Hill Road near US Route 340.

**The remnants of Ida produced widespread flooding along with instances of flash flooding across the area. Tropical moisture infiltrated the area and there were moderate amounts of instability as well. This combined with the lift provided from the remnants of Ida led to heavy rainfall during this time. Rainfall amounts averaged 4 to 8 inches. Excess runoff from the rainfall led to river flooding as well.**

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### PENDLETON COUNTY --- 0.7 S FRANKLIN [38.64, -79.33], 0.8 S FRANKLIN [38.64, -79.33], 1.0 SSW FRANKLIN [38.64, -79.34], 0.9 SSW FRANKLIN [38.64, -79.34], 0.8 SSW FRANKLIN [38.64, -79.33]

	09/22/21 16:29 EST		0	Flood (due to Heavy Rain)
	09/23/21 01:32 EST		0	Source: River/Stream Gage

The water level along the South Branch Potomac River rose above flood stage, cresting at 7.94 feet at 9:55 PM EST. A low spot on Dickenson Mountain Road 300 feet downstream from the bridge began to flood.

## Storm Data and Unusual Weather Phenomena - September 2021

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>PENDLETON COUNTY --- 0.9 SW FRANKLIN [38.64, -79.34], 1.8 SSW FRANKLIN [38.63, -79.35], 1.8 S FRANKLIN [38.62, -79.33], 0.9 E FRANKLIN [38.65, -79.31], 0.9 NNW FRANKLIN [38.66, -79.34]</b>				
	09/22/21 16:30 EST		0	Flood (due to Heavy Rain)
	09/22/21 18:30 EST		0	Source: River/Stream Gage
River stream gauge reached minor, and leveled off at 7.33 feet, 0.33 feet above flood stage.				

<b>BERKELEY COUNTY --- 2.1 SSW BLAIRTON [39.42, -77.94], 1.7 E (MRB)SHEPHERD FLD MR [39.40, -77.95], 2.4 NE TARICO HGTS [39.36, -77.97], 4.0 ENE TARICO HGTS [39.35, -77.93], 3.3 ESE (MRB)SHEPHERD FLD MR [39.38, -77.92], 1.8 WSW VANCELEESVILLE [39.42, -77.93]</b>				
	09/23/21 15:44 EST		0	Flood (due to Heavy Rain)
	09/24/21 01:12 EST		0	Source: River/Stream Gage

The water level rose above flood stage, cresting at 10.92 feet at 9:45 PM EST on the 23rd of September. Floodwaters covered Douglas Grove Road east of Martinsburg. A portion of Bowers Road was also flooded. Low lying areas near the creek were flooded, and water covered the stream access point to the Van Metre Ford Pedestrian Bridge.

**A slow moving cold front approached the area on the 22nd before passing through on the 23rd. A deep southerly flow allowed for tropical moisture to move into the area ahead of the boundary. This led to heavy rainfall as the cold front approached which caused instances of flooding.**