

## Storm Data and Unusual Weather Phenomena - March 2021

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>ATLANTIC NORTH</b>				
<b>TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- COBB POINT (COB) [38.24, -76.83]</b>				
	03/01/21 12:09 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	03/01/21 12:14 EST		0	Source: Buoy
Convection produced estimated wind gusts to 34 knots near a buoy near Cobb Island.				
<b>CHOPTANK RIVER TO CAMBRIDGE MD AND THE LITTLE CHOPTANK RIVER COUNTY --- CAMBRIDGE (CAMM2) [38.57, -76.07]</b>				
	03/01/21 12:24 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	03/01/21 12:24 EST		0	Source: Buoy
Convection produced an estimated wind gust to 34 knots near a buoy near Cambridge.				
<b>TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- PINEY POINT (PPTM2) [38.13, -76.53]</b>				
	03/01/21 12:42 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	03/01/21 12:42 EST		0	Source: Buoy
Convection produced an estimated wind gust to 34 knots near a buoy near Piney Point.				
<b>A narrow line of convection along a strong cold front produced gale force wind gusts over portions of the tidal Potomac River and Maryland portion of the Chesapeake Bay around midday.</b>				
<b>CHESAPEAKE BAY POOLES IS TO SANDY PT MD COUNTY --- HART MILLER ISLAND (HRT) [39.25, -76.37]</b>				
	03/28/21 17:08 EST		0	Marine Thunderstorm Wind (EG 48 kt)
	03/28/21 17:08 EST		0	Source: Buoy
A thunderstorm produced an estimated wind gust to 48 knots (55 MPH) near a buoy near Hart Miller Island.				
<b>CHESAPEAKE BAY N OF POOLES IS MD COUNTY --- GROVE POINT (GVP) [39.40, -76.04]</b>				
	03/28/21 17:24 EST		0	Marine Thunderstorm Wind (EG 48 kt)
	03/28/21 17:24 EST		0	Source: Buoy
A thunderstorm produced an estimated wind gust to 48 knots (55 MPH) near a buoy near Grove Point.				
<b>CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- 0.8 SE GREENBURY POINT (GBY) [38.96, -76.45]</b>				
	03/28/21 17:24 EST		0	Marine Thunderstorm Wind (MG 51 kt)
	03/28/21 17:24 EST		0	Source: Buoy
A wind gust of 51 knots (59 MPH) was measured by a buoy near Annapolis.				
<b>A line of strong to severe thunderstorms ahead of a cold front caused an abrupt wind shift and wind gusts to near storm force during the late afternoon hours.</b>				
<b>TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- POTOMAC LIGHT 33 (LT3) [38.34, -76.99]</b>				
	03/31/21 23:47 EST		0	Marine Thunderstorm Wind (MG 35 kt)
	03/31/21 23:59 EST		0	Source: Buoy
Wind gusts of up to 35 knots (40 MPH) were measured by a buoy near Potomac Light.				
<b>TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- CUCKOLD CREEK (CCK) [38.31, -76.93]</b>				
	03/31/21 23:55 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	03/31/21 23:59 EST		0	Source: Buoy
Wind gusts to 34 knots (39 MPH) were estimated near a buoy near Cuckold Creek.				
<b>A strong cold front spawned a line of showers that produced a sudden onset of a couple gale-force wind gusts just prior to midnight local standard time of the middle tidal Potomac River.</b>				

## MARYLAND, Central

## Storm Data and Unusual Weather Phenomena - March 2021

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<b>GARRETT COUNTY --- 3.4 S REDHOUSE [39.25, -79.48], 3.2 S REDHOUSE [39.25, -79.47], 3.1 S REDHOUSE [39.25, -79.47], 3.2 S REDHOUSE [39.25, -79.48], 3.3 S REDHOUSE [39.25, -79.48]</b>				
	03/01/21 01:45 EST		0	Flood (due to Heavy Rain)
	03/01/21 03:45 EST		0	Source: 911 Call Center
Sand Spring Rd. closed due to high water.				
<b>GARRETT COUNTY --- 1.2 SW LOCH LYNN HGTS [39.37, -79.39], 1.1 SW LOCH LYNN HGTS [39.37, -79.39], 1.0 SW LOCH LYNN HGTS [39.37, -79.39], 1.2 SSW LOCH LYNN HGTS [39.37, -79.39]</b>				
	03/01/21 01:48 EST		0	Flood (due to Heavy Rain)
	03/01/21 03:48 EST		0	Source: 911 Call Center
Pleasant Valley Rd. was closed due to high water.				
<b>GARRETT COUNTY --- 2.9 E BITTINGER [39.60, -79.18], 2.5 E BITTINGER [39.59, -79.18], 0.6 SE BIG RUN [39.54, -79.14], 0.7 ESE BIG RUN [39.55, -79.14], 3.0 E BITTINGER [39.60, -79.17]</b>				
	03/01/21 01:50 EST		0	Flood (due to Heavy Rain)
	03/01/21 03:50 EST		0	Source: 911 Call Center
Big Run Rd. was closed due to high water.				
<b>GARRETT COUNTY --- 0.2 S JENNINGS [39.65, -79.18], 0.2 SSE JENNINGS [39.65, -79.18], 0.1 SE JENNINGS [39.65, -79.18], 0.1 SSW JENNINGS [39.65, -79.18]</b>				
	03/01/21 06:00 EST		0	Flood (due to Heavy Rain)
	03/01/21 08:00 EST		0	Source: Emergency Manager
Jennings Rd. was closed at the intersection with Hare Hollow Rd. due to high water.				
<b>GARRETT COUNTY --- 0.9 NNE CASSELMAN [39.68, -79.17], 1.0 NE CASSELMAN [39.68, -79.17], 0.3 SE CASSELMAN [39.67, -79.18], 0.1 S CASSELMAN [39.67, -79.18], 0.7 NNE CASSELMAN [39.68, -79.17]</b>				
	03/01/21 06:00 EST		0	Flood (due to Heavy Rain)
	03/01/21 08:00 EST		0	Source: Emergency Manager
Bittinger Rd. closed at the intersection with Maple Grove Rd. due to high water.				
<b>GARRETT COUNTY --- 0.9 WNW GORTNER [39.35, -79.45], 0.8 WNW GORTNER [39.35, -79.44], 0.8 WNW GORTNER [39.35, -79.44], 0.9 WNW GORTNER [39.35, -79.45]</b>				
	03/01/21 06:00 EST		0	Flood (due to Heavy Rain)
	03/01/21 08:00 EST		0	Source: Emergency Manager
Mansfield Rd. closed due to flooding.				
<b>GARRETT COUNTY --- 1.0 NNW MC HENRY [39.56, -79.36], 1.0 NNW MC HENRY [39.56, -79.36], 1.0 NNW MC HENRY [39.56, -79.36], 1.1 NNW MC HENRY [39.56, -79.36]</b>				
	03/01/21 06:00 EST		0	Flood (due to Heavy Rain)
	03/01/21 08:00 EST		0	Source: Emergency Manager
Sang Run Rd. closed at the intersection with Garrett Hwy. due to flooding.				
<b>GARRETT COUNTY --- 1.1 WNW SWANTON [39.46, -79.25], 0.8 NNW SWANTON [39.46, -79.23], 0.6 NNE SWANTON [39.46, -79.22], 1.0 WNW SWANTON [39.46, -79.25]</b>				
	03/01/21 06:00 EST		0	Flood (due to Heavy Rain)
	03/01/21 08:00 EST		0	Source: Emergency Manager
Swanton Hill Rd. closed due to high water.				
<b>GARRETT COUNTY --- 1.1 WSW GORMANIA [39.27, -79.37], 1.0 WSW GORMANIA [39.27, -79.37], 0.7 WSW GORMANIA [39.28, -79.36], 0.3 WSW GORMANIA [39.28, -79.35], 0.2 NW GORMANIA [39.28, -79.35], 0.4 N GORMANIA [39.29, -79.35]</b>				
	03/01/21 06:00 EST		0	Flood (due to Heavy Rain)
	03/01/21 08:00 EST		0	Source: Emergency Manager

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Althouse Hill Rd. closed due to high water.				
<b>GARRETT COUNTY --- 1.2 SSW WEBER [39.38, -79.41], 1.3 SSW WEBER [39.38, -79.41], 1.3 SSW WEBER [39.38, -79.41], 1.2 SSW WEBER [39.38, -79.41]</b>				
	03/01/21 06:00 EST		0	Flood (due to Heavy Rain)
	03/01/21 08:00 EST		0	Source: Emergency Manager
Monte Vista Rd. closed due to high water.				
<b>GARRETT COUNTY --- 1.4 NNW GORTNER [39.37, -79.44], 1.3 SSE CRELLIN [39.36, -79.46], 1.2 SSW CRELLIN [39.36, -79.48], 0.9 S CRELLIN [39.37, -79.47], 1.2 SE CRELLIN [39.37, -79.45], 1.5 ESE CRELLIN [39.37, -79.45]</b>				
	03/01/21 06:00 EST		0	Flood (due to Heavy Rain)
	03/01/21 08:00 EST		0	Source: Emergency Manager
Underwood Rd. was closed due to flooding.				
<b>GARRETT COUNTY --- 1.6 ENE OAKLAND GARRETT ARPT [39.59, -79.30], 1.7 ENE OAKLAND GARRETT ARPT [39.59, -79.30], 1.7 ENE OAKLAND GARRETT ARPT [39.59, -79.30], 1.6 ENE OAKLAND GARRETT ARPT [39.59, -79.30]</b>				
	03/01/21 06:00 EST		0	Flood (due to Heavy Rain)
	03/01/21 08:00 EST		0	Source: Emergency Manager
Accident Bittinger Rd. closed near the intersection with Aiken Miller Rd. due to high water.				
<b>GARRETT COUNTY --- 1.6 S GORTNER [39.33, -79.43], 1.6 S GORTNER [39.33, -79.43], 1.6 S GORTNER [39.33, -79.43], 1.6 S GORTNER [39.33, -79.43]</b>				
	03/01/21 06:00 EST		0	Flood (due to Heavy Rain)
	03/01/21 08:00 EST		0	Source: Emergency Manager
Blue Ribbon Rd. closed due to flooding.				
<b>GARRETT COUNTY --- 1.6 SSW CRELLIN [39.36, -79.48], 2.2 W GORTNER [39.35, -79.47], 1.3 WSW GORTNER [39.34, -79.45], 1.1 WSW GORTNER [39.34, -79.45], 1.4 W GORTNER [39.35, -79.46], 1.5 SSW CRELLIN [39.36, -79.48]</b>				
	03/01/21 06:00 EST		0	Flood (due to Heavy Rain)
	03/01/21 08:00 EST		0	Source: Emergency Manager
Silver Knob Rd. closed due to high water.				
<b>GARRETT COUNTY --- 1.7 SSE HOYES RUN [39.51, -79.41], 1.7 SSE HOYES RUN [39.51, -79.40], 1.7 SSE HOYES RUN [39.51, -79.40], 1.6 SSE HOYES RUN [39.51, -79.41]</b>				
	03/01/21 06:00 EST		0	Flood (due to Heavy Rain)
	03/01/21 08:00 EST		0	Source: Emergency Manager
Oakland Sang Run Rd. closed due to high water.				
<b>GARRETT COUNTY --- 2.0 W THAYERVILLE [39.49, -79.37], 1.9 WSW THAYERVILLE [39.49, -79.36], 2.0 W THAYERVILLE [39.50, -79.37], 2.1 W THAYERVILLE [39.50, -79.37], 2.1 W THAYERVILLE [39.50, -79.37], 2.1 W THAYERVILLE [39.50, -79.37]</b>				
	03/01/21 06:00 EST		0	Flood (due to Heavy Rain)
	03/01/21 08:00 EST		0	Source: Emergency Manager
Lakeshore Dr. was closed due to high water.				
<b>GARRETT COUNTY --- 7.7 NE REDHOUSE [39.38, -79.38], 7.8 NE REDHOUSE [39.38, -79.37], 7.8 NE REDHOUSE [39.39, -79.38], 7.8 NE REDHOUSE [39.39, -79.38]</b>				
	03/01/21 06:00 EST		0	Flood (due to Heavy Rain)
	03/01/21 08:00 EST		0	Source: Emergency Manager
Pleasant Valley Rd. was closed at the intersection with Smouse Rd. due to flooding.				
<b>MONTGOMERY COUNTY --- 4.0 SW WHITES FERRY [39.16, -77.52], 5.4 WSW POOLESVILLE [39.12, -77.51], 4.4 SW POOLESVILLE [39.10, -77.47], 4.2 SW POOLESVILLE [39.10, -77.47], 3.8 SW WHITES FERRY [39.16, -77.51]</b>				
	03/01/21 23:27 EST		0	Flood (due to Heavy Rain)
	03/03/21 12:21 EST		0	Source: River/Stream Gage

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The stream gauge on the Potomac River at Edward's Ferry reached flood stage during the specified timeframe, reaching a crest of 16.91 feet on March 2nd at 3:30 PM EST. At 17 feet, floodwaters begin to enter the store at Whites Ferry, and have already reached the boat ramp at Edward's Ferry.

**FREDERICK COUNTY --- 1.5 SW PLEASANT VIEW [39.26, -77.52], 0.7 N POINTS OF ROCKS [39.29, -77.55], 0.7 NW POINTS OF ROCKS [39.29, -77.56], 0.6 SSE POINTS OF ROCKS [39.27, -77.55], 1.0 SSE POINTS OF ROCKS [39.27, -77.54], 1.6 SE POINTS OF ROCKS [39.26, -77.53], 1.7 SSW PLEASANT VIEW [39.26, -77.51], 1.5 SSW PLEASANT VIEW [39.26, -77.51]**

03/02/21 06:07 EST	0	Flood (due to Heavy Rain)
03/02/21 17:55 EST	0	Source: River/Stream Gage

The stream gauge on the Potomac River at Point of Rocks reached flood stage during the specified timeframe, reaching a crest of 16.39 feet on March 2nd at 11:30 AM EST. At 16 feet, the parking lots at both the McKimney and Brunswick boat ramps begin to flood. Flooding of an agricultural field adjacent to the McKimney boat ramp is occurring. About half the lower parking lot of the Point of Rocks boat ramp is also flooded. Several other low lying areas and campgrounds near the river begin to flood as well at lower thresholds.

**Low pressure over the midwestern United States brought a warm front across the region February 28th. Warm advection precipitation, enhanced by upslope flow and favorable upper jet dynamics, lead to an inch or two of rainfall in western portions of our forecast area. This, along with partial melting of snowpack in the mountains, lead to some isolated flooding across eastern western portions of our forecast area that continued into March 1st. River flooding continued over the next day or two.**

**ST. MARY'S COUNTY --- 0.9 SE GREAT MILLS [38.22, -76.49], 0.2 ESE GREAT MILLS [38.23, -76.50], 0.5 NNW GREAT MILLS [38.24, -76.50], 0.5 N GREAT MILLS [38.24, -76.50], 0.4 NE GREAT MILLS [38.23, -76.50], 0.9 SE GREAT MILLS [38.22, -76.49]**

03/24/21 16:28 EST	0	Flood (due to Heavy Rain)
03/25/21 00:18 EST	0	Source: River/Stream Gage

The stream gauge on the St Marys River near Great Mills reached flood stage during the specified timeframe, reaching a crest of 6.76 feet at 7:15 PM EDT. At 6 feet, Flat Iron Road begins to flood with water in some yards in Great Mills.

**ANNE ARUNDEL COUNTY --- 0.8 NNE RAYNOR HGTS [39.23, -76.66], 0.7 NNE RAYNOR HGTS [39.23, -76.67], 0.8 NNE RAYNOR HGTS [39.23, -76.66], 0.8 NNE RAYNOR HGTS [39.23, -76.66]**

03/24/21 17:10 EST	0	Flood (due to Heavy Rain)
03/24/21 17:44 EST	0	Source: River/Stream Gage

The stream gauge on the Patuxent River near Elkridge reached flood stage during the specified timeframe, reaching a peak of 16.08 feet at 5:30 PM EDT. At 16 feet, Hammonds Ferry Road floods and is closed at the Patapsco River. Backwater flooding likely also leads to the closure of Furnace Avenue in Elkridge.

**Low pressure moved across the Delmarva Peninsula during the day on March 24th, bringing a steady rain to the region. There were a few instances of flooding across the forecast area as a result, particularly in central and southern MD.**

**(MD-Z001) GARRETT, (MD-Z004) FREDERICK, (MD-Z005) CARROLL, (MD-Z006) NORTHERN BALTIMORE, (MD-Z011) SOUTHERN BALTIMORE, (MD-Z013) PRINCE GEORGES, (MD-Z014) ANNE ARUNDEL, (MD-Z016) CHARLES, (MD-Z017) ST. MARY'S, (MD-Z018) CALVERT, (MD-Z501) EXTREME WESTERN ALLEGANY, (MD-Z502) CENTRAL AND EASTERN ALLEGANY, (MD-Z505) NORTHWEST HOWARD, (MD-Z506) CENTRAL AND SOUTHEAST HOWARD**

03/24/21 20:00 EST	0	Dense Fog
03/25/21 10:00 EST	0	

**Light winds and plentiful low level moisture allowed areas of dense fog to form late on the 24th. The fog dissipated just after dawn on the 25th.**

**(MD-Z001) GARRETT, (MD-Z501) EXTREME WESTERN ALLEGANY, (MD-Z502) CENTRAL AND EASTERN ALLEGANY**

03/26/21 01:00 EST	0	High Wind (MAX 50 kt)
03/26/21 13:00 EST	0	

**A powerful storm and cold front resulting in strong damaging winds across the area. Peak winds maxed out at 58 mph at Grantsville 5 W at 10:14 EST 3/26.**

**WASHINGTON COUNTY --- 0.3 NNE FUNKSTOWN [39.62, -77.72]**

03/28/21 15:15 EST	9K	Thunderstorm Wind (MG 50 kt)
03/28/21 15:15 EST	0	Source: Mesonet

A telephone pole and wires were down on Kenwood Drive, probably as a result of a falling tree. A mesonet at a TV station nearby measured a wind gust of 50 knots (58 MPH).

**WASHINGTON COUNTY --- 0.6 NE CORBETT [39.64, -77.72]**

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	03/28/21 15:15 EST		30K	Thunderstorm Wind (EG 60 kt)
	03/28/21 15:15 EST		0	Source: 911 Call Center
A roof was partially blown off a building near the intersection of West Lee Street and South Street, and nearby fencing was damaged. Trees and wires were blown down a few blocks to the south on South Potomac Street.				
<b>WASHINGTON COUNTY --- 1.2 ESE CAVETOWN [39.64, -77.56]</b>				
	03/28/21 15:25 EST		4K	Thunderstorm Wind (EG 55 kt)
	03/28/21 15:25 EST		0	Source: 911 Call Center
A tree and wires were blown down on Wolfsville Road. A tree and wires were blown down near the intersection of MD-491 Raven Rock Road and Pleasant Valley Road.				
<b>WASHINGTON COUNTY --- 0.8 S CHEWSVILLE [39.64, -77.63]</b>				
	03/28/21 15:27 EST		2K	Thunderstorm Wind (EG 50 kt)
	03/28/21 15:27 EST		0	Source: 911 Call Center
A tree was blown down onto wires near the intersection of White Hall Road and Oswald Lane.				
<b>FREDERICK COUNTY --- 0.5 S WOLFVILLE [39.57, -77.55]</b>				
	03/28/21 15:29 EST		8K	Thunderstorm Wind (EG 50 kt)
	03/28/21 15:29 EST		0	Source: 911 Call Center
Wires and a pole were down near the intersection of Wolfsville Road and Harp Hill Road, probably as a result of a falling tree.				
<b>FREDERICK COUNTY --- 1.1 E LANTZ [39.67, -77.43]</b>				
	03/28/21 15:36 EST		15K	Thunderstorm Wind (EG 60 kt)
	03/28/21 15:36 EST		0	Source: 911 Call Center
Wires and a pole were down on Eylers Valley Flint Road as a result of a large downed tree. Several other trees were blown down in the area, and a portable greenhouse was tossed into nearby trees.				
<b>MONTGOMERY COUNTY --- 1.4 N BROOKEVILLE [39.20, -77.07]</b>				
	03/28/21 16:30 EST		1K	Thunderstorm Wind (EG 50 kt)
	03/28/21 16:30 EST		0	Source: 911 Call Center
Power lines were down near the intersection of Gregg Road and MD-97 Georgia Avenue, probably as a result of a downed tree.				
<b>BALTIMORE COUNTY --- 0.9 NNE HARRISONVILLE [39.39, -76.82]</b>				
	03/28/21 16:33 EST		32K	Thunderstorm Wind (EG 60 kt)
	03/28/21 16:33 EST		0	Source: 911 Call Center
The Baltimore County 911 Call Center received about a dozen reports of trees blown down in the Owings Mills and Randallstown area, including two large oak trees that fell onto the roof of a house near the intersection of Bridle Brook Drive and Birkenhead Court.				
<b>BALTIMORE COUNTY --- 2.6 NNE CRONHARDT [39.46, -76.70]</b>				
	03/28/21 16:37 EST		1K	Thunderstorm Wind (EG 50 kt)
	03/28/21 16:37 EST		0	Source: Department of Highways
A tree was blown down on MD-25 Falls Road near Deep Run Court.				
<b>HOWARD COUNTY --- 0.8 NNE NORMANDY HGTS [39.29, -76.80]</b>				
	03/28/21 16:39 EST		2K	Thunderstorm Wind (EG 50 kt)
	03/28/21 16:39 EST		0	Source: 911 Call Center
A tree was blown down on US-40 Baltimore National Pike at Tyson Road. Power lines were down in the 4600 block of South Leisure Road.				
<b>BALTIMORE COUNTY --- 0.8 SW LUTHERVILLE [39.41, -76.63]</b>				
	03/28/21 16:43 EST		1K	Thunderstorm Wind (EG 50 kt)
	03/28/21 16:43 EST		0	Source: Department of Highways
A tree was blown down on MD-139 Charles Street near West Joppa Road.				

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<b>BALTIMORE COUNTY --- 0.8 ENE PERRY HALL [39.43, -76.46]</b>				
	03/28/21 16:55 EST		20K	Thunderstorm Wind (EG 55 kt)
	03/28/21 16:55 EST		0	Source: 911 Call Center
Multiple trees were blown down in Perry Hall, including on Perry Hall Road where wires and a couple poles were also down (probably as a result of falling trees).				
<b>HOWARD COUNTY --- 1.3 SSW SAVAGE [39.11, -76.84]</b>				
	03/28/21 16:55 EST		1K	Thunderstorm Wind (EG 50 kt)
	03/28/21 16:55 EST		0	Source: 911 Call Center
A large tree was blown down in the 10000 block of southbound US-1 Washington Boulevard (near Davis Avenue).				
<b>HARFORD COUNTY --- 0.9 W SINGER [39.48, -76.35]</b>				
	03/28/21 17:00 EST		1K	Thunderstorm Wind (EG 50 kt)
	03/28/21 17:00 EST		0	Source: 911 Call Center
A large tree was blown down near the intersection of Stockton Road and Atkisson Road.				
<b>CECIL COUNTY --- 1.2 N WOODLAWN [39.65, -76.07]</b>				
	03/28/21 17:12 EST		20K	Thunderstorm Wind (EG 65 kt)
	03/28/21 17:12 EST		0	Source: 911 Call Center
Multiple trees were blown down near the intersection of MD-276 Jacob Tome Memorial Highway and Nantucket Drive. Two trees were blown down on Colora Road. A tree was blown down near the intersection of First Road and Liberty Grove Road. Numerous other trees were blown down in the area, including a few which were snapped near the top.				
<b>CECIL COUNTY --- 0.9 N AIKIN [39.58, -76.07]</b>				
	03/28/21 17:13 EST		1K	Thunderstorm Wind (EG 50 kt)
	03/28/21 17:13 EST		0	Source: 911 Call Center
A large tree was blown down on Saint Marks Church Road.				
<b>CECIL COUNTY --- 1.3 NNE BAY VIEW [39.65, -75.96]</b>				
	03/28/21 17:20 EST		1K	Thunderstorm Wind (EG 55 kt)
	03/28/21 17:20 EST		0	Source: 911 Call Center
A tree was blown down on MD-272 North East Road near Old Bayview Road.				
<b>CECIL COUNTY --- 0.9 WSW BACON HILL [39.59, -75.92]</b>				
	03/28/21 17:23 EST		1K	Thunderstorm Wind (MG 53 kt)
	03/28/21 17:23 EST		0	Source: Mesonet
A wind gust of 53 knots (61 MPH) was measured by a mesonet at the North East Landfill. A tree was blown down nearby on MD-272 North East Road near Walnut Street.				
<b>CECIL COUNTY --- 0.2 NNE FAIR HILL [39.70, -75.87]</b>				
	03/28/21 17:25 EST		1K	Thunderstorm Wind (EG 50 kt)
	03/28/21 17:25 EST		0	Source: Department of Highways
A tree was blown down near the intersection of MD-273 Telegraph Road and MD-213 Singerly Road.				
<b>CECIL COUNTY --- 0.4 S LESLIE [39.61, -75.95]</b>				
	03/28/21 17:25 EST		0	Thunderstorm Wind (MG 52 kt)
	03/28/21 17:25 EST		0	Source: Mesonet
A wind gust of 52 knots was measured by a mesonet in North East.				
<b>CECIL COUNTY --- 0.7 NNE ELKTON CECIL ARPT [39.66, -75.80]</b>				
	03/28/21 17:29 EST		2.50K	Thunderstorm Wind (EG 55 kt)
	03/28/21 17:29 EST		0	Source: 911 Call Center

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A tree was blown down onto a vehicle near the intersection of West Creek Village Drive and Pettinaro Drive.

Brief clearing occurred ahead of a strong cold front, spawning a line of thunderstorms that producing wind gusts of around 50 to up to 70 mph as it tracked across northern Maryland and extreme northwestern Virginia during the mid to late afternoon hours.

### VIRGINIA, North

HIGHLAND COUNTY --- 1.8 NW VALLEY CENTER [38.29, -79.75], 1.6 NW VALLEY CENTER [38.28, -79.75], 1.2 NW VALLEY CENTER [38.28, -79.74], 1.4 NNW VALLEY CENTER [38.29, -79.74]

03/01/21 06:00 EST	0	Flood (due to Heavy Rain)
03/01/21 08:00 EST	0	Source: Emergency Manager

Mill Gap Rd. closed near the intersection with Lower Back Creek Rd. due to flooding.

HIGHLAND COUNTY --- 0.5 W PATNA [38.23, -79.53], 1.2 WSW PATNA [38.22, -79.54], 1.1 SW PATNA [38.22, -79.54], 0.2 SW PATNA [38.23, -79.52], 1.8 SW LIBERTY [38.26, -79.49], 1.9 WSW LIBERTY [38.27, -79.50]

03/01/21 11:52 EST	0	Flood (due to Heavy Rain)
03/01/21 13:52 EST	0	Source: Department of Highways

Cowpasture River Rd. closed from the Bath County line to Southall Rd. due to flooding.

Low pressure over the midwestern United States brought a warm front across the region February 28th. Warm advection precipitation, enhanced by upslope flow and favorable upper jet dynamics, lead to an inch or two of rainfall in western portions of our forecast area. This, along with partial melting of snowpack in the mountains, lead to some isolated flooding across eastern western portions of our forecast area that continued into March 1st.

(VA-Z025) AUGUSTA, (VA-Z026) ROCKINGHAM, (VA-Z027) SHENANDOAH, (VA-Z028) FREDERICK, (VA-Z029) PAGE, (VA-Z030) WARREN, (VA-Z031) CLARKE, (VA-Z036) NELSON, (VA-Z037) ALBEMARLE, (VA-Z038) GREENE, (VA-Z039) MADISON, (VA-Z040) RAPPAHANNOCK, (VA-Z050) ORANGE, (VA-Z051) CULPEPER, (VA-Z052) PRINCE WILLIAM, (VA-Z053) FAIRFAX, (VA-Z055) STAFFORD, (VA-Z056) SPOTSYLVANIA, (VA-Z057) KING GEORGE, (VA-Z501) NORTHERN FAUQUIER, (VA-Z502) SOUTHERN FAUQUIER, (VA-Z505) WESTERN LOUDOUN, (VA-Z506) EASTERN LOUDOUN

03/24/21 20:00 EST	0	Dense Fog
03/25/21 10:00 EST	0	

Light winds and plentiful low level moisture allowed areas of dense fog to form late on the 24th. The fog dissipated just after dawn on the 25th.

CLARKE COUNTY --- 4.2 SE BERRYVILLE [39.10, -77.92]

03/28/21 15:34 EST	1K	Thunderstorm Wind (EG 50 kt)
03/28/21 15:34 EST	0	Source: 911 Call Center

A large tree was blown down in the 1300 block of VA-606 River Road.

LOUDOUN COUNTY --- 1.2 WSW LOUDOUN HGTS [39.31, -77.72]

03/28/21 15:36 EST	1K	Thunderstorm Wind (EG 50 kt)
03/28/21 15:36 EST	0	Source: Department of Highways

A tree was blown down on VA-683 Branchriver Road near VA-671 Harpers Ferry Road.

Brief clearing occurred ahead of a strong cold front, spawning a line of thunderstorms that producing wind gusts of around 50 to up to 70 mph as it tracked across northern Maryland and extreme northwestern Virginia during the mid to late afternoon hours.

### WEST VIRGINIA, East

MINERAL COUNTY --- 0.9 NNE REESES MILL [39.44, -78.84], 1.3 S CHAMPWOOD [39.43, -78.82], 1.5 E PATTERSON CREEK [39.57, -78.70], 1.8 N PATTERSON CREEK [39.60, -78.73]

03/01/21 00:00 EST	0	Flood (due to Heavy Rain)
03/01/21 15:22 EST	0	Source: River/Stream Gage

## Storm Data and Unusual Weather Phenomena - March 2021

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<p>The stream gauge on Patterson Creek rose above flood stage during the specified timeframe, starting at 3:56 PM EST on February 28th EST, and continued until 3:22 PM EST on March 1st. The peak stream level reached during the time of flooding was 10.07 feet at 3:00 AM EST on March 1st. At 10 feet, water approaches several homes along the creek between Champwood and the town of Patterson Creek. Moderate to widespread agricultural flooding is occurring along this same stretch. Both Foreback Road and a portion of Creek View Lane are flooded near the creek.</p>				

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**MORGAN COUNTY --- 3.2 NNE LARGENT [39.52, -78.36], 3.2 NNE LARGENT [39.52, -78.36], 2.8 NNE LARGENT [39.51, -78.35], 0.3 SSE LARGENT [39.48, -78.38], 0.7 WSW LARGENT [39.48, -78.39], 1.2 W LARGENT [39.48, -78.40]**

03/01/21 04:16 EST	0	Flood (due to Heavy Rain)
03/02/21 02:10 EST	0	Source: River/Stream Gage

The stream gauge on the Cacapon River near Great Cacapon, WV exceeded flood stage during the specified timeframe, reaching a crest of 10.59 feet on March 1st, 2021 at 11:15 AM EST. At 9 feet, Rock Ford Road begins to flood in multiple locations, including flowing completely over the low water bridge. Constant Run Road and a small portion of Kilgore Road also begin to flood.

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**HAMPSHIRE COUNTY --- 0.8 S MILLESONS MILL [39.42, -78.68], 0.9 SSW MILLESONS MILL [39.42, -78.68], 0.5 SW MILLESONS MILL [39.43, -78.69], 0.7 NNE MILLESONS MILL [39.44, -78.68], 1.9 ESE MILLESON [39.46, -78.65], 2.0 ESE MILLESON [39.46, -78.64], 1.6 NNW POINTS [39.45, -78.64], 1.6 W POINTS [39.43, -78.65]**

03/01/21 09:26 EST	0	Flood (due to Heavy Rain)
03/01/21 22:15 EST	0	Source: River/Stream Gage

The stream gauge on the South Branch Potomac River near Springfield, WV reached flood stage during the specified timeframe, reaching a crest of 15.34 feet on March 1st at 1:30 PM EST. At 15 feet, Milleson Mill Road (County Route 28/5) and Clarence Taylor Road (Route 3/7) begin to flood. Water covers a significant portion of meadowlands near the river. The boat launch ramp on the upstream right abutment of the bridge also floods.

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**JEFFERSON COUNTY --- 0.4 ENE SHEPHERDSTOWN [39.43, -77.79], 2.0 NNE MOLER XRDS [39.43, -77.76], 2.0 E MOLER XRDS [39.39, -77.73], 1.1 SE HARPERS FERRY [39.32, -77.71], 1.1 NW BOLIVAR [39.33, -77.77]**

03/01/21 17:26 EST	0	Flood (due to Heavy Rain)
03/03/21 00:15 EST	0	Source: River/Stream Gage

The stream gauge on the Potomac River near Shepherdstown, WV rose above flood stage during the specified timeframe, reaching a crest of 17.65 feet at 5:15 AM EDT on March 2nd. At 16ft, water goes over the banks of the Potomac near the mouth of the Opequon River. Additionally, there is significant flooding along the Potomac between Shepherdstown and Harpers Ferry, and along the C&O Towpath.

**Low pressure over the midwestern United States brought a warm front across the region February 28th. Warm advection precipitation, enhanced by upslope flow and favorable upper jet dynamics, lead to an inch or two of rainfall in western portions of our forecast area. This, along with partial melting of snowpack in the mountains, lead to some isolated flooding across eastern western portions of our forecast area that continued into March 1st. River flooding continued over the next day or two.**

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**(WV-Z050) HAMPSHIRE, (WV-Z051) MORGAN, (WV-Z052) BERKELEY, (WV-Z053) JEFFERSON, (WV-Z055) HARDY, (WV-Z502) EASTERN GRANT, (WV-Z503) WESTERN MINERAL, (WV-Z504) EASTERN MINERAL**

03/24/21 20:00 EST	0	Dense Fog
03/25/21 10:00 EST	0	

Light winds and plentiful low level moisture allowed areas of dense fog to form late on the 24th. The fog dissipated just after dawn on the 25th.

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**(WV-Z501) WESTERN GRANT, (WV-Z502) EASTERN GRANT, (WV-Z503) WESTERN MINERAL, (WV-Z504) EASTERN MINERAL**

03/26/21 01:00 EST	0	High Wind (MAX 50 kt)
03/26/21 13:00 EST	0	

**A powerful storm and cold front resulting in strong damaging winds across the area. Peak winds maxed out at 58 mph at Grantsville 5 W at 10:14 EST 3/26.**