

Storm Data and Unusual Weather Phenomena - May 2019

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
ATLANTIC NORTH				
TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- NATIONALS PARK (WSHNP) [38.87, -77.01]				
	05/02/19 15:09 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	05/02/19 15:09 EST	0		Source: Mesonet
Wind gusts of up to 34 knots were observed at Washington Nationals Park (WSHNP).				
CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- ANNAPOLIS (KNAK) [38.98, -76.48]				
	05/02/19 15:40 EST	0		Marine Thunderstorm Wind (MG 46 kt)
	05/02/19 15:40 EST	0		Source: Mesonet
A wind gust of 46 knots was observed at Annapolis (KNAK).				
CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- BAYSIDE ES (STVVL) [38.98, -76.31]				
	05/02/19 15:44 EST	0		Marine Thunderstorm Wind (MG 55 kt)
	05/02/19 15:54 EST	0		Source: Mesonet
A wind gust of 55 knots was observed at Greenberry Point (GBY).				
CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- TOLLY POINT (TOL) [38.94, -76.44]				
	05/02/19 15:45 EST	0		Marine Thunderstorm Wind (MG 48 kt)
	05/02/19 16:05 EST	0		Source: Mesonet
A wind gust of 48 knots was observed at Tolly Point (TOL).				
CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- SANDY POINT (SPT) [39.01, -76.40]				
	05/02/19 15:51 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	05/02/19 15:51 EST	0		Source: Mesonet
Wind gusts of up to 34 knots were observed at Sandy Point (SPT).				
CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- BAYSIDE ES (STVVL) [38.98, -76.31]				
	05/02/19 15:55 EST	0		Marine Thunderstorm Wind (MG 46 kt)
	05/02/19 16:15 EST	0		Source: Mesonet
Wind gusts of up to 46 knots were observed near Stevensville.				
CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- KENT ISLAND (KNT) [38.92, -76.36]				
	05/02/19 15:55 EST	0		Marine Thunderstorm Wind (MG 46 kt)
	05/02/19 16:00 EST	0		Source: Mesonet
Wind gusts of up to 46 knots were observed at Kent Island (KNT).				
CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- ST MARYS ES (ANNAS) [38.98, -76.49]				
	05/02/19 15:55 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	05/02/19 15:55 EST	0		Source: Mesonet
Wind gusts of up to 34 knots were observed at Saint Mary's Elementary School (ANNAS).				
CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- 0.4 SSE (KW29)BAY BRIDGE AIRPORT [38.98, -76.33]				
	05/02/19 16:00 EST	0		Marine Thunderstorm Wind (MG 42 kt)
	05/02/19 16:00 EST	0		Source: Mesonet
Wind gusts of up to 42 knots were observed at the Bay Bridge Airport (KW29).				
CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- THOMAS POINT (TPLM2) [38.90, -76.44]				
	05/02/19 16:00 EST	0		Marine Thunderstorm Wind (MG 46 kt)
	05/02/19 16:00 EST	0		Source: Mesonet
Wind gusts of up to 46 knots were observed at Thomas Point (TPLM2).				

Storm Data and Unusual Weather Phenomena - May 2019

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
EASTERN BAY COUNTY --- 5.5 SSE US-50 (MD040) [38.90, -76.20]				
	05/02/19 16:30 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	05/02/19 16:30 EST		0	Source: Mesonet
Wind gusts of up to 34 knots were observed near Grasonville.				
CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- THOMAS POINT (TPLM2) [38.90, -76.44]				
	05/02/19 17:00 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	05/02/19 17:00 EST		0	Source: Mesonet
Wind gusts of up to 34 knots were observed at Thomas Point.				
TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- BABAR POINT (BAB) [38.31, -77.03]				
	05/02/19 17:06 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	05/02/19 17:21 EST		0	Source: Mesonet
Wind gusts of up to 34 knots were observed at Babar Point (BAB).				
TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- POTOMAC LIGHT 33 (LT3) [38.34, -76.99]				
	05/02/19 17:09 EST		0	Marine Thunderstorm Wind (MG 35 kt)
	05/02/19 17:19 EST		0	Source: Mesonet
Wind gusts of up to 35 knots were observed at Potomac Light 33 (LT3).				
TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- CUCKOLD CREEK (CCK) [38.31, -76.93]				
	05/02/19 17:17 EST		0	Marine Thunderstorm Wind (MG 39 kt)
	05/02/19 17:17 EST		0	Source: Mesonet
Wind gusts of up to 39 knots were observed at Cuckold Creek (CCK).				
TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- 0.6 WSW POTOMAC LIGHT 33 (LT3) [38.34, -77.00]				
	05/02/19 17:19 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	05/02/19 17:19 EST		0	Source: Mesonet
Wind gusts of up to 34 knots were observed near Pylons (PYL).				
TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- COBB POINT (COB) [38.24, -76.83]				
	05/02/19 17:33 EST		0	Marine Thunderstorm Wind (MG 35 kt)
	05/02/19 17:38 EST		0	Source: Mesonet
Wind gusts of up to 35 knots were observed at Cobb Point (COB).				
PATUXENT RIVER TO BROOMES ISLAND MD COUNTY --- SOLOMONS ISLAND (SLIM2) [38.32, -76.45]				
	05/02/19 18:00 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	05/02/19 18:06 EST		0	Source: Mesonet
Wind gusts of up to 34 knots were observed at Solomons Island (SLIM2).				
TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- LEWISSETTA (LWS) [38.00, -76.47]				
	05/02/19 18:02 EST		0	Marine Thunderstorm Wind (MG 39 kt)
	05/02/19 18:02 EST		0	Source: Mesonet
Wind gusts of up to 39 knots were observed at Lewisetta (LWS).				
CHESAPEAKE BAY DRUM PT TO SMITH PT VA COUNTY --- POINT LOOKOUT (PTL) [38.04, -76.32]				
	05/02/19 18:19 EST		0	Marine Thunderstorm Wind (MG 46 kt)
	05/02/19 18:19 EST		0	Source: Mesonet
Wind gusts of up to 46 knots were observed at Point Lookout (PTL).				
CHOPTANK RIVER TO CAMBRIDGE MD AND THE LITTLE CHOPTANK RIVER COUNTY --- 2.8 SE CAMBRIDGE (CAMM2) [38.54, -76.03]				

Storm Data and Unusual Weather Phenomena - May 2019

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	05/02/19 18:25 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	05/02/19 18:25 EST		0	Source: Mesonet

Wind gusts of up to 34 knots were observed at Cambridge Dorchester Regional Airport (KCGE).

TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY --- RACCOON POINT (RAC) [38.14, -75.79]

	05/02/19 18:49 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	05/02/19 18:49 EST		0	Source: Mesonet

Wind gusts of up to 34 knots were observed at Raccoon Point (RAC).

A warm front lifted across the waters during the morning hours of May 2nd, with warm and humid conditions developing by the afternoon. This led to ample amounts of instability over the region, and as an upper level disturbance moved into the area providing wind shear and lift, scattered showers and thunderstorms developed, some of which generated gusty winds over the waters.

TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- POINT LOOKOUT (PTL) [38.04, -76.32]

	05/05/19 17:23 EST		0	Marine Thunderstorm Wind (MG 34 kt)
	05/05/19 17:23 EST		0	Source: Mesonet

Wind gusts of up to 34 knots were observed at Point Lookout (PTL).

Low pressure tracked along a stalled boundary, passing through the area overnight on May 4th into the morning of the 5th. The lift associated with the low and the boundary combined with high amounts of moisture from the Atlantic Ocean and Gulf of Mexico to bring heavy rain, thunderstorms, and localized gusty winds to the waters.

TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- LYLES-CROUCH ACADEMY (AXDRA) [38.80, -77.05]

	05/19/19 00:14 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	05/19/19 00:14 EST		0	Source: Mesonet

Wind gusts of up to 34 knots were observed at Lyles-Crouch Academy (AXDRA).

A weak warm front was located across central Maryland southward along the Potomac River during the afternoon hours of May 18th. Enough instability and wind shear was present for thunderstorms to develop near and along this boundary during the evening hours, and one produced gusty winds over the waters overnight and into the early morning hours on May 19th.

TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- POTOMAC LIGHT 33 (LT3) [38.34, -76.99]

	05/20/19 14:54 EST		0	Marine Thunderstorm Wind (MG 34 kt)
	05/20/19 14:54 EST		0	Source: Mesonet

Wind gusts of up to 34 knots were observed at Potomac Light 33 (LT3).

TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- 0.8 W POTOMAC LIGHT 33 (LT3) [38.34, -77.00]

	05/20/19 14:57 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	05/20/19 14:57 EST		0	Source: Mesonet

Wind gusts of up to 34 knots were observed at Pylons (PYL).

A cold front tracked eastward from the Ohio Valley and into the region on May 20th. Marginal amounts of instability and wind shear were present as the cold front crossed the waters and this led to the development of showers and thunderstorms, one of which produced gusty winds over the waters.

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

	05/23/19 14:42 EST		0	Marine Thunderstorm Wind (MG 44 kt)
	05/23/19 14:48 EST		0	Source: Mesonet

Wind gusts of up to 44 knots were observed at the Washington DC Southwest Waterfront (WASD2).

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

	05/23/19 14:45 EST		0	Marine Thunderstorm Wind (MG 59 kt)
	05/23/19 14:55 EST		0	Source: Mesonet

Wind gusts of up to 59 knots were observed at Washington National Airport.

TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- LYLES-CROUCH ACADEMY (AXDRA) [38.80, -77.05]

Storm Data and Unusual Weather Phenomena - May 2019

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	05/23/19 14:49 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	05/23/19 14:49 EST		0	Source: Mesonet

Wind gusts of up to 34 knots were observed at Lyles-Crouch Academy.

TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- NATIONALS PARK (WSHNP) [38.87, -77.01]				
	05/23/19 14:49 EST		0	Marine Thunderstorm Wind (MG 47 kt)
	05/23/19 14:59 EST		0	Source: Mesonet

Wind gusts of up to 47 knots were observed at Washington Nationals Park.

TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- 2.7 SSE ALEXANDRIA (D4370) [38.71, -77.04]				
	05/23/19 14:54 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	05/23/19 14:54 EST		0	Source: Mesonet

Wind gusts of up to 34 knots were observed at Fort Washington.

TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- QUANTICO (KNYG) [38.51, -77.30]				
	05/23/19 14:55 EST		0	Marine Thunderstorm Wind (MG 43 kt)
	05/23/19 15:00 EST		0	Source: Mesonet

Wind gusts of up to 43 knots were observed at Quantico (KNYG).

CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- ANNAPOLIS (KNAK) [38.98, -76.48]				
	05/23/19 15:05 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	05/23/19 15:05 EST		0	Source: Mesonet

Wind gusts of up to 34 knots were observed at Annapolis (KNAK).

CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- BAYSIDE ES (STVVL) [38.98, -76.31]				
	05/23/19 15:15 EST		0	Marine Thunderstorm Wind (MG 36 kt)
	05/23/19 15:20 EST		0	Source: Mesonet

Wind gusts of up to 36 knots were observed near Stevensville.

CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- HERRING BAY (HRB) [38.73, -76.54]				
	05/23/19 15:26 EST		0	Marine Thunderstorm Wind (MG 41 kt)
	05/23/19 15:26 EST		0	Source: Mesonet

Wind gusts of up to 41 knots were observed at Herring Bay.

TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- BABAR POINT (BAB) [38.31, -77.03]				
	05/23/19 15:26 EST		0	Marine Thunderstorm Wind (MG 42 kt)
	05/23/19 15:26 EST		0	Source: Mesonet

Wind gusts of up to 42 knots were observed at Babar Point (BAB).

TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- 0.8 W POTOMAC LIGHT 33 (LT3) [38.34, -77.00]				
	05/23/19 15:27 EST		0	Marine Thunderstorm Wind (MG 40 kt)
	05/23/19 15:27 EST		0	Source: Mesonet

Wind gusts of up to 40 knots were observed at Pylons (PYL).

TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- 1.4 NNE BABAR POINT (BAB) [38.33, -77.02]				
	05/23/19 15:27 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	05/23/19 15:27 EST		0	Source: Mesonet

Wind gusts of up to 34 knots were observed at Tower 70 (T70).

TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- POTOMAC LIGHT 33 (LT3) [38.34, -76.99]				
	05/23/19 15:29 EST		0	Marine Thunderstorm Wind (MG 41 kt)
	05/23/19 15:29 EST		0	Source: Mesonet

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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Wind gusts of up to 41 knots were observed at Potomac Light 33.

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

05/23/19 15:31 EST	0	Marine Thunderstorm Wind (MG 39 kt)
05/23/19 15:36 EST	0	Source: Mesonet

Wind gusts of up to 39 knots were observed at Babar Point.

TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- 1.3 SW POTOMAC LIGHT 33 (LT3) [38.33, -77.01]

05/23/19 15:32 EST	0	Marine Thunderstorm Wind (EG 34 kt)
05/23/19 15:42 EST	0	Source: Mesonet

Wind gusts of up to 34 knots were observed at Pylons.

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

05/23/19 15:32 EST	0	Marine Thunderstorm Wind (MG 42 kt)
05/23/19 15:42 EST	0	Source: Mesonet

Wind gusts of up to 42 knots were observed at Cuckold Creek.

TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- POTOMAC LIGHT 33 (LT3) [38.34, -76.99]

05/23/19 15:34 EST	0	Marine Thunderstorm Wind (MG 38 kt)
05/23/19 15:39 EST	0	Source: Mesonet

Wind gusts of up to 38 knots were observed at Potomac Light 33.

TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- 1.4 W POTOMAC LIGHT 33 (LT3) [38.34, -77.02]

05/23/19 15:37 EST	0	Marine Thunderstorm Wind (EG 34 kt)
05/23/19 15:37 EST	0	Source: Mesonet

Wind gusts of up to 34 knots were observed at Tower 70.

CHESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY --- 8.6 NNE GOOSES REEF BUOY (44062) [38.67, -76.34]

05/23/19 15:40 EST	0	Marine Thunderstorm Wind (MG 36 kt)
05/23/19 15:40 EST	0	Source: Mesonet

Wind gusts of up to 36 knots were observed at Blackwalnut Harbor.

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

05/23/19 15:41 EST	0	Marine Thunderstorm Wind (EG 34 kt)
05/23/19 16:01 EST	0	Source: Mesonet

Wind gusts of up to 34 knots were observed at Monroe Creek.

TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- COBB POINT (COB) [38.24, -76.83]

05/23/19 15:43 EST	0	Marine Thunderstorm Wind (MG 36 kt)
05/23/19 15:48 EST	0	Source: Mesonet

Wind gusts of up to 36 knots were observed at Cobb Point.

TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- 1.9 NNW MONROE CREEK (MON) [38.26, -76.96]

05/23/19 15:49 EST	0	Marine Thunderstorm Wind (EG 34 kt)
05/23/19 15:54 EST	0	Source: Mesonet

Wind gusts of up to 34 knots were observed near Colonial Beach.

CHESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY --- MID BAY BUOY [38.47, -76.38]

05/23/19 16:00 EST	0	Marine Thunderstorm Wind (MG 45 kt)
05/23/19 16:00 EST	0	Source: Mesonet

Wind gusts of up to 45 knots were observed at Cove Point.

Storm Data and Unusual Weather Phenomena - May 2019

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CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- THOMAS POINT (TPLM2) [38.90, -76.44]				
	05/23/19 16:00 EST		0	Marine Thunderstorm Wind (MG 36 kt)
	05/23/19 16:00 EST		0	Source: Mesonet
Wind gusts of up to 36 knots were observed at Thomas Point.				
PATUXENT RIVER TO BROOMES ISLAND MD COUNTY --- SOLOMONS ISLAND (SLIM2) [38.32, -76.45]				
	05/23/19 16:00 EST		0	Marine Thunderstorm Wind (MG 41 kt)
	05/23/19 16:00 EST		0	Source: Mesonet
Wind gusts of up to 41 knots were observed at Solomons Island.				
PATUXENT RIVER TO BROOMES ISLAND MD COUNTY --- 2.1 ESE SOLOMONS ISLAND (SLIM2) [38.30, -76.42]				
	05/23/19 16:02 EST		0	Marine Thunderstorm Wind (MG 45 kt)
	05/23/19 16:02 EST		0	Source: Mesonet
Wind gusts of up to 45 knots were observed at Patuxent River.				
CHESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY --- MID BAY BUOY [38.47, -76.38]				
	05/23/19 16:06 EST		0	Marine Thunderstorm Wind (MG 34 kt)
	05/23/19 16:06 EST		0	Source: Mesonet
Wind gusts of up to 34 knots were observed at Cove Point.				
TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- PINEY POINT (PPTM2) [38.13, -76.53]				
	05/23/19 16:12 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	05/23/19 16:12 EST		0	Source: Mesonet
Wind gusts of up to 34 knots were observed at Piney Point.				
CHESAPEAKE BAY DRUM PT TO SMITH PT VA COUNTY --- LOWER HOOPERS ISLAND (HPR) [38.26, -76.18]				
	05/23/19 16:20 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	05/23/19 16:20 EST		0	Source: Mesonet
Wind gusts of up to 34 knots were observed at Lower Hoopers Island.				
TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- POTOMAC POINT LOOKOUT BUOY (44042) [38.03, -76.34]				
	05/23/19 16:24 EST		0	Marine Thunderstorm Wind (MG 35 kt)
	05/23/19 16:36 EST		0	Source: Mesonet
Wind gusts of up to 35 knots were observed at Potomac Point Buoy.				
TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- ST INIGOES (KNUI) [38.13, -76.42]				
	05/23/19 16:27 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	05/23/19 16:27 EST		0	Source: Mesonet
Wind gusts of up to 34 knots were observed at Saint Inigoes.				
TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- LEWISSETTA (LWS) [38.00, -76.47]				
	05/23/19 16:30 EST		0	Marine Thunderstorm Wind (MG 35 kt)
	05/23/19 16:30 EST		0	Source: Mesonet
Wind gusts of up to 35 knots were observed near Lewissetta.				
TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- LEWISSETTA MD (LWTV2) [38.00, -76.47]				
	05/23/19 16:30 EST		0	Marine Thunderstorm Wind (MG 35 kt)
	05/23/19 16:30 EST		0	Source: Mesonet
Wind gusts of up to 35 knots were observed at Lewissetta.				
CHESAPEAKE BAY DRUM PT TO SMITH PT VA COUNTY --- POINT LOOKOUT (PTL) [38.04, -76.32]				

Storm Data and Unusual Weather Phenomena - May 2019

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	05/23/19 16:34 EST		0	Marine Thunderstorm Wind (MG 48 kt)
	05/23/19 16:34 EST		0	Source: Mesonet

Wind gusts of up to 48 knots were observed at Point Lookout.

TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- POINT LOOKOUT (PTL) [38.04, -76.32]

	05/23/19 16:34 EST		0	Marine Thunderstorm Wind (MG 45 kt)
	05/23/19 16:39 EST		0	Source: Mesonet

Wind gusts of up to 45 knots were observed near Point Lookout.

TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY --- RACCOON POINT (RAC) [38.14, -75.79]

	05/23/19 16:54 EST		0	Marine Thunderstorm Wind (MG 39 kt)
	05/23/19 16:54 EST		0	Source: Mesonet

Wind gusts of up to 39 knots were observed at Raccoon Point.

TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY --- CRISFIELD CG (CRS) [37.97, -75.88]

	05/23/19 17:05 EST		0	Marine Thunderstorm Wind (MG 37 kt)
	05/23/19 17:05 EST		0	Source: Mesonet

Wind gusts of up to 37 knots were observed at Crisfield.

TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY --- CRISFIELD FIRE DEPARTMENT (CRSFL) [37.98, -75.86]

	05/23/19 17:05 EST		0	Marine Thunderstorm Wind (MG 43 kt)
	05/23/19 17:05 EST		0	Source: Mesonet

Wind gusts of up to 43 knots were observed at the Crisfield Fire Department.

A warm front crossed the waters during the morning hours of May 23rd, placing the area in the warm sector by the afternoon hours. At the same time, surface low pressure tracked across the northern Great Lakes, with an attendant cold front moving into the Ohio Valley by the evening. A mesoscale convective system (MCS) was ongoing during the morning hours and moved eastward and into the region during the afternoon hours. Out ahead of the MCS, moisture and warmth increased with moderate instability developing. Aloft, wind shear increased throughout the day and became quite substantial by the late afternoon. The MCS intensified into a linear feature that produced gusty winds over the waters during the afternoon and evening hours.

CHESAPEAKE BAY DRUM PT TO SMITH PT VA COUNTY --- 1.0 WNW PATUXENT RIVER ASOS (KNAK) [38.30, -76.43]

	05/26/19 00:55 EST		0	Marine Thunderstorm Wind (MG 38 kt)
	05/26/19 00:55 EST		0	Source: ASOS

Wind gusts of up to 38 knots were observed at Patuxent River.

A warm front slowly moved northeastward through southwestern and central Virginia during the day of May 25th, reaching the waters during the night of May 25th into the 26th. A few showers and thunderstorms developed during the late afternoon and evening, with one producing gusty winds as it moved across portions of the waters during the overnight hours.

PATAPSCO RIVER INCLUDING BALTIMORE HARBOR COUNTY --- BALTIMORE KEY BRIDGE (FSKM2) [39.22, -76.53]

	05/26/19 20:48 EST		0	Marine Thunderstorm Wind (MG 34 kt)
	05/26/19 20:48 EST		0	Source: Mesonet

Wind gusts of up to 34 knots were observed at the Baltimore Key Bridge (FSKM2).

A warm front moved across the waters during the early morning hours of May 26th, placing the region in the warm sector. This allowed for a hot and humid air mass to overspread the region during the afternoon, leading to significant levels of instability. Modest but sufficient wind shear was also present as an upper level disturbance approached the region from the west. This combination of factors led to the development of showers and thunderstorms, one of which produced gusty winds over the waters.

CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- ANNAPOLIS (KNAK) [38.98, -76.48]

	05/28/19 06:37 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	05/28/19 06:37 EST		0	Source: ASOS

Wind gusts of up to 34 knots were observed at Annapolis (KNAK).

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- KENT ISLAND (KNT) [38.92, -76.36]				
	05/28/19 06:51 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	05/28/19 06:51 EST		0	Source: Mesonet
Wind gusts of up to 34 knots were observed at Kent Island.				
A frontal boundary was draped across the waters during the early morning hours of May 28th. A weakening line of showers and thunderstorms moved along this boundary and brought localized gusty winds to portions of the waters.				
PATAPSCO RIVER INCLUDING BALTIMORE HARBOR COUNTY --- BALTIMORE (BLTM2) [39.27, -76.58]				
	05/29/19 16:48 EST		0	Marine Thunderstorm Wind (MG 34 kt)
	05/29/19 16:48 EST		0	Source: Mesonet
Wind gusts of up to 34 knots were observed near Baltimore (BLTM2).				
CHESAPEAKE BAY POOLES IS TO SANDY PT MD COUNTY --- (KMTN)MARTIN STATE AIRPORT [39.33, -76.42]				
	05/29/19 16:54 EST		0	Marine Thunderstorm Wind (MG 50 kt)
	05/29/19 17:10 EST		0	Source: ASOS
Wind gusts of up to 50 knots were observed at Martin State Airport (KMTN).				
CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- 3.7 NNW SANDY POINT (SPT) [39.06, -76.43]				
	05/29/19 19:00 EST		0.10M	Marine Thunderstorm Wind (EG 50 kt)
	05/29/19 19:00 EST		0	Source: Local Official
Wind gusts of up to 50 knots were estimated along the Magothy River. Two boats were flipped over, with no injuries reported. Damage estimate provided by the Magothy River Sailing Association.				
CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- THOMAS POINT (TPLM2) [38.90, -76.44]				
	05/29/19 19:00 EST		0	Marine Thunderstorm Wind (MG 49 kt)
	05/29/19 19:00 EST		0	Source: Mesonet
Wind gusts of up to 49 knots were observed at Thomas Point.				
A surface frontal boundary was positioned north of the waters across Pennsylvania for the majority of the day on May 29th, with pieces of upper level energy moving along the frontal boundary. By late in the day, a weak surface low traversed the front, and the front shifted southward towards the waters as upper level energy approached the region. Hot and humid conditions across the area led to the development of significant amounts of instability, and that combined with modest but sufficient amounts of wind shear and the nearby frontal boundary promoted the development of scattered showers and thunderstorms, some of which produced gusty winds over the waters.				
TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- NATIONALS PARK (WSHNP) [38.87, -77.01]				
	05/30/19 14:39 EST		0	Marine Thunderstorm Wind (MG 36 kt)
	05/30/19 14:44 EST		0	Source: Mesonet
Wind gusts of up to 36 knots were observed at Washington Nationals Park.				
TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- (DCA)REAGAN NATIONAL AIRPORT [38.86, -77.03]				
	05/30/19 14:40 EST		0	Marine Thunderstorm Wind (MG 45 kt)
	05/30/19 14:40 EST		0	Source: ASOS
Wind gusts of up to 45 knots were observed at Washington National Airport.				
TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- LEESYLVANIA STATE PARK (LSLVN) [38.67, -77.25]				
	05/30/19 14:56 EST		0	Marine Thunderstorm Wind (MG 55 kt)
	05/30/19 14:56 EST		0	Source: Mesonet
Wind gusts of up to 55 knots were observed near Occoquan.				
PATAPSCO RIVER INCLUDING BALTIMORE HARBOR COUNTY --- BALTIMORE KEY BRIDGE (FSKM2) [39.22, -76.53]				
	05/30/19 15:00 EST		0	Marine Thunderstorm Wind (MG 35 kt)
	05/30/19 15:00 EST		0	Source: Mesonet

Storm Data and Unusual Weather Phenomena - May 2019

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Wind gusts of up to 35 knots were observed at the Baltimore Key Bridge.				
TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- 1.4 WNW POTOMAC LIGHT 33 (LT3) [38.34, -77.02]				
	05/30/19 15:17 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	05/30/19 15:17 EST	0		Source: Mesonet
Wind gusts of up to 34 knots were observed at Tower 70.				
TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- BABAR POINT (BAB) [38.31, -77.03]				
	05/30/19 15:21 EST	0		Marine Thunderstorm Wind (MG 35 kt)
	05/30/19 15:26 EST	0		Source: Mesonet
Wind gusts of up to 35 knots were observed at Babar Point.				
TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- 1.1 E BABAR POINT (BAB) [38.31, -77.01]				
	05/30/19 15:22 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	05/30/19 15:27 EST	0		Source: Mesonet
Wind gusts of up to 34 knots were observed at Pylons.				
TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- POTOMAC LIGHT 33 (LT3) [38.34, -76.99]				
	05/30/19 15:24 EST	0		Marine Thunderstorm Wind (MG 38 kt)
	05/30/19 15:29 EST	0		Source: Mesonet
Wind gusts of up to 38 knots were observed at Potomac Light 33.				
CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- HERRING BAY (HRB) [38.73, -76.54]				
	05/30/19 15:26 EST	0		Marine Thunderstorm Wind (MG 42 kt)
	05/30/19 15:31 EST	0		Source: Mesonet
Wind gusts of up to 42 knots were observed at Herring Bay.				
CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- KENT ISLAND (KNT) [38.92, -76.36]				
	05/30/19 15:26 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	05/30/19 15:26 EST	0		Source: Mesonet
Wind gusts of up to 34 knots were observed at Kent Island.				
TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- CUCKOLD CREEK (CCK) [38.31, -76.93]				
	05/30/19 15:32 EST	0		Marine Thunderstorm Wind (MG 34 kt)
	05/30/19 15:37 EST	0		Source: Mesonet
Wind gusts of up to 34 knots were observed at Cuckold Creek.				
CHOPTANK RIVER TO CAMBRIDGE MD AND THE LITTLE CHOPTANK RIVER COUNTY --- BLACKWALNUT HARBOR (BWH) [38.68, -76.33]				
	05/30/19 15:40 EST	0		Marine Thunderstorm Wind (MG 42 kt)
	05/30/19 15:45 EST	0		Source: Mesonet
Wind gusts of up to 42 knots were observed at Blackwalnut Harbor.				
CHESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY --- MID BAY BUOY [38.47, -76.38]				
	05/30/19 15:54 EST	0		Marine Thunderstorm Wind (MG 50 kt)
	05/30/19 16:06 EST	0		Source: Mesonet
Wind gusts of up to 50 knots were observed at Cove Point.				
PATUXENT RIVER TO BROOMES ISLAND MD COUNTY --- SOLOMONS ISLAND (SLIM2) [38.32, -76.45]				
	05/30/19 15:54 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	05/30/19 15:54 EST	0		Source: Mesonet
Wind gusts of up to 34 knots were observed at Solomons Island.				

Storm Data and Unusual Weather Phenomena - May 2019

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- THOMAS POINT (TPLM2) [38.90, -76.44]				
	05/30/19 16:00 EST		0	Marine Thunderstorm Wind (MG 48 kt)
	05/30/19 16:00 EST		0	Source: Mesonet

Wind gusts of up to 48 knots were observed at Thomas Point.

PATUXENT RIVER TO BROOMES ISLAND MD COUNTY --- 1.9 SE SOLOMONS ISLAND (SLIM2) [38.30, -76.42]				
	05/30/19 16:00 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	05/30/19 16:00 EST		0	Source: Mesonet

Wind gusts of up to 34 knots were observed at Patuxent River.

CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- BAYSIDE ES (STVVL) [38.98, -76.31]				
	05/30/19 16:25 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	05/30/19 16:25 EST		0	Source: Mesonet

Wind gusts of up to 34 knots were observed near Stevensville.

On the morning of May 30th a surface front was positioned across Pennsylvania, with a surface low positioned west of Chicago, Illinois.

Through the day the surface

low moved eastward along the frontal boundary, reaching western Pennsylvania by late in the afternoon. The low then quickly pushed eastward off the NJ coastline by late in the evening, with a cold front crossing the region. In addition, two disturbances aloft moved across the area, one during the mid to late afternoon hours, and another in the evening. Out ahead of the front, warmth and humidity allowed for the development of moderate instability and that coupled with moderate wind shear aloft set the stage for two rounds of scattered showers and thunderstorms, some of which produced gusty winds over the waters.

DISTRICT OF COLUMBIA

(DC-Z001) DISTRICT OF COLUMBIA				
	05/02/19 03:30 EST		0	Dense Fog
	05/02/19 07:55 EST		0	

Warm, moist air aloft overrunning cooler surface air combined with lingering low level moisture to produce low clouds and widespread dense fog across portions of the region.

DISTRICT OF COLUMBIA COUNTY --- 0.9 NE LINCOLN MEMORIAL [38.89, -77.04]				
	05/23/19 14:46 EST		0	Thunderstorm Wind (EG 70 kt)
	05/23/19 14:46 EST		0	Source: Park/Forest Service

Numerous trees were blown down on the National Mall and Memorial Parks areas, including near the Tidal Basin, Jefferson Memorial, and John Paul Jones Memorial.

A warm front crossed the region during the morning hours of May 23rd, placing the area in the warm sector by the afternoon hours. At the same time, surface low pressure tracked across the northern Great Lakes, with an attendant cold front moving into the Ohio Valley by the evening. A mesoscale convective system (MCS) was ongoing during the morning hours and moved eastward and into the region during the afternoon hours. Out ahead of the MCS, moisture and warmth increased with moderate instability developing. Aloft, wind shear increased throughout the day and became quite substantial by the late afternoon. The MCS entered Virginia by the mid afternoon hours and intensified into a linear feature that produced damaging winds across the District of Columbia during the late afternoon hours.

MARYLAND, Central

(MD-Z003) WASHINGTON, (MD-Z004) FREDERICK, (MD-Z005) CARROLL, (MD-Z006) NORTHERN BALTIMORE, (MD-Z011) SOUTHERN BALTIMORE, (MD-Z013) PRINCE GEORGES, (MD-Z014) ANNE ARUNDEL, (MD-Z503) NORTHWEST MONTGOMERY, (MD-Z504) CENTRAL AND SOUTHEAST MONTGOMERY, (MD-Z505) NORTHWEST HOWARD, (MD-Z506) CENTRAL AND SOUTHEAST HOWARD, (MD-Z507) NORTHWEST HARFORD, (MD-Z508) SOUTHEAST HARFORD

Storm Data and Unusual Weather Phenomena - May 2019

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	05/02/19 03:30 EST		0	Dense Fog
	05/02/19 07:55 EST		0	

Warm, moist air aloft overrunning cooler surface air combined with lingering low level moisture to produce low clouds and widespread dense fog across portions of the region.

MONTGOMERY COUNTY --- 2.1 SW ROCKVILLE [39.06, -77.18]

05/02/19 14:22 EST	0	Thunderstorm Wind (EG 61 kt)
05/02/19 14:22 EST	0	Source: NWS Employee

A pine tree was uprooted at Falls Road and Cold Spring Road. A tree was also blown down on Wootton Parkway just east of Pasture Brook Way.

MONTGOMERY COUNTY --- 1.4 S POTOMAC [39.00, -77.22]

05/02/19 14:24 EST	0	Thunderstorm Wind (EG 50 kt)
05/02/19 14:24 EST	0	Source: NWS Employee

A tree was blown down onto wires at Falls Road and Oaklyn Drive.

MONTGOMERY COUNTY --- AUTREY PARK [39.07, -77.12]

05/02/19 14:29 EST	0	Thunderstorm Wind (EG 61 kt)
05/02/19 14:29 EST	0	Source: State Official

Multiple trees were blown down in the vicinity of Gainsboro Road.

MONTGOMERY COUNTY --- 0.9 SE BETHESDA [38.96, -77.11]

05/02/19 14:40 EST	0	Thunderstorm Wind (EG 50 kt)
05/02/19 14:40 EST	0	Source: Broadcast Media

A tree was blown down on Westbard Avenue near Massachusetts Avenue.

PRINCE GEORGE'S COUNTY --- 0.9 NW MEADOWS [38.83, -76.86]

05/02/19 15:19 EST	0	Thunderstorm Wind (EG 50 kt)
05/02/19 15:19 EST	0	Source: Broadcast Media

A tree was reported blown down on the outbound lane of Pennsylvania Avenue near Suitland Parkway.

ANNE ARUNDEL COUNTY --- 0.5 W SOUTH HAVEN BEACH [38.97, -76.59]

05/02/19 15:30 EST	0	Thunderstorm Wind (EG 61 kt)
05/02/19 15:30 EST	0	Source: NWS Employee

A large tree was blown down on the 2800 block of Haven Road. Multiple trees were also uprooted on a nearby property.

A warm front lifted across the region during the morning hours of May 2nd, with warm and humid conditions developing by the afternoon. This led to ample amounts of instability over the region, and as an upper level disturbance moved into the area providing wind shear and lift, scattered showers and thunderstorms developed, a few of which became severe.

WASHINGTON COUNTY --- 0.9 SE ANTIETAM [39.41, -77.74]

05/03/19 19:20 EST	0	Hail (0.75 in)
05/03/19 19:20 EST	0	Source: Trained Spotter

Penny-sized hail (0.75 inch in diameter) was reported.

WASHINGTON COUNTY --- 0.9 SE ANTIETAM [39.41, -77.74]

05/03/19 19:20 EST	0	Thunderstorm Wind (EG 50 kt)
05/03/19 19:20 EST	0	Source: Trained Spotter

Large tree limbs were snapped by strong winds.

A stationary front was positioned across the eastern West Virginia panhandle southeastward through southern and central Virginia through the day on May 3rd. Showers and thunderstorms developed along and south of this boundary and across the terrain during the afternoon and evening hours. These moved northeastward and into portions of Maryland. Enough instability and wind shear was present for one of these thunderstorms to become severe.

Storm Data and Unusual Weather Phenomena - May 2019

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
FREDERICK COUNTY --- 0.4 ESE GRACEHAM [39.62, -77.37], 0.9 ENE GRACEHAM [39.62, -77.36], 0.8 ENE GRACEHAM [39.63, -77.37], 0.3 ENE GRACEHAM [39.62, -77.37]				
	05/05/19 11:30 EST		0	Flood (due to Heavy Rain)
	05/05/19 13:30 EST		0	Source: 911 Call Center
Hoovers Mill Road was closed between Frushour Road and Route 77.				
FREDERICK COUNTY --- 0.4 NW LOYS [39.60, -77.35], 0.3 NNW LOYS [39.60, -77.35], 0.6 N LOYS [39.61, -77.35], 0.8 N LOYS [39.61, -77.35], 0.9 NNW LOYS [39.61, -77.35]				
	05/05/19 11:30 EST		0	Flood (due to Heavy Rain)
	05/05/19 13:30 EST		0	Source: 911 Call Center
Old Frederick Road was closed between Route 77 and Old Mill Road.				
FREDERICK COUNTY --- 0.4 SSE JIMTOWN [39.59, -77.40], 0.5 SSE JIMTOWN [39.59, -77.40], 0.7 SSE JIMTOWN [39.59, -77.40], 0.6 S JIMTOWN [39.59, -77.40]				
	05/05/19 11:30 EST		0	Flood (due to Heavy Rain)
	05/05/19 13:30 EST		0	Source: Emergency Manager
Hessong Bridge Road was closed at Big Hunting Creek.				
FREDERICK COUNTY --- 0.7 SE EMMITSBURG [39.69, -77.32], 1.1 SSE EMMITSBURG [39.68, -77.32], 1.4 SSE EMMITSBURG [39.68, -77.32], 1.1 ESE EMMITSBURG [39.69, -77.31]				
	05/05/19 11:30 EST		0	Flood (due to Heavy Rain)
	05/05/19 13:30 EST		0	Source: Emergency Manager
Creamery Road was closed.				
FREDERICK COUNTY --- 1.3 SW CREAGERSTOWN [39.57, -77.39], 1.5 SSW CREAGERSTOWN [39.56, -77.38], 1.7 SW CREAGERSTOWN [39.56, -77.39], 1.5 WSW CREAGERSTOWN [39.57, -77.39]				
	05/05/19 11:30 EST		0	Flood (due to Heavy Rain)
	05/05/19 13:30 EST		0	Source: 911 Call Center
Willhide Road was closed between Blacks Mill Road and Stevens Road.				
FREDERICK COUNTY --- 1.3 WNW EMMITSBURG [39.70, -77.35], 1.2 W EMMITSBURG [39.70, -77.35], 0.4 NW EMMITSBURG [39.70, -77.33], 0.6 NW EMMITSBURG [39.71, -77.34]				
	05/05/19 11:30 EST		0	Flood (due to Heavy Rain)
	05/05/19 13:30 EST		0	Source: 911 Call Center
Annandale Road was closed between Hampton Valley Road and Mountain View Road.				
FREDERICK COUNTY --- 1.7 NNW GRACEHAM [39.64, -77.39], 1.5 NNW GRACEHAM [39.64, -77.39], 1.9 N GRACEHAM [39.65, -77.38], 2.1 NNW GRACEHAM [39.65, -77.39]				
	05/05/19 11:30 EST		0	Flood (due to Heavy Rain)
	05/05/19 13:30 EST		0	Source: 911 Call Center
Roddy Road was closed between Old Kiln Road and Roddy Creek Road.				
FREDERICK COUNTY --- 2.5 NE MOTTERS [39.67, -77.30], 2.2 NE MOTTERS [39.67, -77.30], 2.0 NE MOTTERS [39.67, -77.30], 2.3 SE EMMITSBURG [39.68, -77.30]				
	05/05/19 11:30 EST		0	Flood (due to Heavy Rain)
	05/05/19 13:30 EST		0	Source: 911 Call Center
Simmons Road was closed between Four Points Bridge Road and Keysville Road.				
FREDERICK COUNTY --- 2.7 ENE MOTTERS [39.67, -77.28], 2.2 NE MOTTERS [39.67, -77.30], 2.0 NE MOTTERS [39.67, -77.30], 2.5 ENE MOTTERS [39.66, -77.29]				
	05/05/19 11:30 EST		0	Flood (due to Heavy Rain)
	05/05/19 13:30 EST		0	Source: 911 Call Center

Storm Data and Unusual Weather Phenomena - May 2019

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Keysville Road was closed between Four Points road and Sixes Road.				
FREDERICK COUNTY --- 2.7 ESE MOTTERS [39.63, -77.28], 2.5 ESE MOTTERS [39.63, -77.29], 2.4 E MOTTERS [39.65, -77.28], 3.2 E MOTTERS [39.65, -77.27]				
	05/05/19 11:30 EST	0		Flood (due to Heavy Rain)
	05/05/19 13:30 EST	0		Source: 911 Call Center

Sixes Road was closed between Sixes Bridge Road and Grimes Road.

FREDERICK COUNTY --- 3.4 NW ST ANTHONY [39.72, -77.39], 1.7 WNW EMMITSBURG [39.71, -77.36], 1.8 WNW EMMITSBURG [39.71, -77.36], 3.4 WNW EMMITSBURG [39.72, -77.39]				
	05/05/19 11:30 EST	0		Flood (due to Heavy Rain)
	05/05/19 13:30 EST	0		Source: 911 Call Center

Hornets Nest Road was closed between Friends Creek Road and Riffle Road.

FREDERICK COUNTY --- 4.8 ESE EMMITSBURG [39.68, -77.25], 4.8 ENE MOTTERS [39.67, -77.24], 4.9 ESE EMMITSBURG [39.68, -77.24], 4.8 ESE EMMITSBURG [39.68, -77.24]				
	05/05/19 11:30 EST	0		Flood (due to Heavy Rain)
	05/05/19 13:30 EST	0		Source: Emergency Manager

Bridgeport Road was closed.

FREDERICK COUNTY --- 1.7 WNW NEW LONDON [39.43, -77.28], 1.8 WNW NEW LONDON [39.43, -77.28], 1.2 WNW NEW LONDON [39.43, -77.27], 1.3 WNW NEW LONDON [39.43, -77.27]				
	05/05/19 16:40 EST	0		Flood (due to Heavy Rain)
	05/05/19 18:40 EST	0		Source: 911 Call Center

Gas House Pike was closed due to flooding in the 1100 Block over Linganore Creek.

FREDERICK COUNTY --- 0.4 ENE BUCKEYSTOWN [39.33, -77.42], 0.3 ENE BUCKEYSTOWN [39.33, -77.42], 0.3 ENE BUCKEYSTOWN [39.33, -77.42], 0.4 ENE BUCKEYSTOWN [39.33, -77.42]				
	05/05/19 16:53 EST	0		Flood (due to Heavy Rain)
	05/05/19 18:53 EST	0		Source: 911 Call Center

A water rescue occurred in the 6900 Block of MD-880 Michaels Mill Road.

FREDERICK COUNTY --- PEARL [39.40, -77.37], 0.7 NNE FT DETRICK [39.44, -77.39], 0.6 SSW CERESVILLE [39.44, -77.37], 0.7 ENE PEARL [39.40, -77.36]				
	05/05/19 18:55 EST	0		Flood (due to Heavy Rain)
	05/06/19 11:20 EST	0		Source: River/Stream Gage

The stream gauge on the Monocacy River at Frederick reached minor flood stage. At this level, both banks of the river are flooded. Water begins to flood low-lying fields at Monocacy National Battlefield. Water reaches the access road to the Frederick City Wastewater Treatment Plant. Backwater flooding is occurring on several area creeks, particularly Carroll Creek in Frederick. The water level crested at 14.35 feet at 1:16 AM on May 6th.

Low pressure tracked along a stalled boundary, passing through the area overnight on the 4th into the 5th. The lift associated with the low and the boundary combined with high amounts of moisture from the Atlantic Ocean and Gulf of Mexico, bringing heavy rain to the area. The rain led to several instances of flooding.

BALTIMORE COUNTY --- 2.0 NNW SPARROWS PT [39.30, -76.60], 1.8 NNW SPARROWS PT [39.29, -76.60], 2.3 NW SPARROWS PT [39.29, -76.61], 2.5 NW SPARROWS PT [39.30, -76.61]				
	05/10/19 21:40 EST	0		Flood (due to Heavy Rain)
	05/10/19 23:40 EST	0		Source: 911 Call Center

US-40 Orleans Street was closed due to flooding near North Central Avenue. East Fayette Street was closed at President Street due to flooding.

FREDERICK COUNTY --- 1.3 SSW BUCKEYSTOWN [39.31, -77.44], 1.3 SSW BUCKEYSTOWN [39.31, -77.44], 1.9 W PARK MILLS [39.30, -77.45], 1.7 WSW PARK MILLS [39.29, -77.45]				
	05/10/19 22:44 EST	0		Flood (due to Heavy Rain)
	05/11/19 00:44 EST	0		Source: Department of Highways

Southbound MD-85 Buckyestown Pike was closed due to high water between Oland Road and Adamstown Road.

Storm Data and Unusual Weather Phenomena - May 2019

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
FREDERICK COUNTY --- 0.4 ENE BUCKEYSTOWN [39.33, -77.42], 0.2 E BUCKEYSTOWN [39.33, -77.43], 0.2 NE BUCKEYSTOWN [39.33, -77.43], 0.4 ENE BUCKEYSTOWN [39.33, -77.42]				
	05/10/19 23:06 EST		0	Flood (due to Heavy Rain)
	05/11/19 01:06 EST		0	Source: 911 Call Center
MD-880 Michaels Mill Road was closed due to flooding.				
A cold front passed through the area on the 10th, and a few showers and thunderstorms produced heavy rainfall. Localized flooding occurred in northern Maryland.				
WASHINGTON COUNTY --- 1.5 NNE CLEAR SPG [39.67, -77.92]				
	05/18/19 16:27 EST		0	Thunderstorm Wind (EG 70 kt)
	05/18/19 16:27 EST		0	Source: Public
A 50-year old tree and several utility poles were snapped at a farm on Broadfording Road.				
WASHINGTON COUNTY --- 0.7 N CLEAR SPG [39.66, -77.93]				
	05/18/19 16:28 EST		0	Thunderstorm Wind (EG 61 kt)
	05/18/19 16:28 EST		0	Source: Trained Spotter
Numerous trees and wires were reported blown down in the Clear Spring area.				
WASHINGTON COUNTY --- 0.7 N CLEAR SPG [39.66, -77.93]				
	05/18/19 16:30 EST		0	Hail (1.00 in)
	05/18/19 16:30 EST		0	Source: Trained Spotter
Quarter-sized hail (1.0 inch in diameter) was reported.				
WASHINGTON COUNTY --- 0.9 NE CHARLTON [39.64, -77.89]				
	05/18/19 16:35 EST		0	Hail (1.00 in)
	05/18/19 16:35 EST		0	Source: Trained Spotter
Quarter-sized hail (1.0 inch in diameter) was reported.				
WASHINGTON COUNTY --- 0.5 W WILLIAMSPORT [39.60, -77.83]				
	05/18/19 16:45 EST		0	Thunderstorm Wind (EG 50 kt)
	05/18/19 16:45 EST		0	Source: State Official
A storage shed was lifted by strong winds and deposited in a swimming pool.				
WASHINGTON COUNTY --- WILLIAMSPORT [39.60, -77.82]				
	05/18/19 16:46 EST		0	Thunderstorm Wind (EG 61 kt)
	05/18/19 16:46 EST		0	Source: Emergency Manager
There were numerous reports of trees and wires blown down in Williamsport.				
WASHINGTON COUNTY --- 0.5 E CLEAR SPG [39.65, -77.92]				
	05/18/19 17:02 EST		0	Hail (0.75 in)
	05/18/19 17:02 EST		0	Source: Public
Penny-sized hail (0.75 inch in diameter) was reported.				
FREDERICK COUNTY --- 0.7 N REELS MILL [39.38, -77.38]				
	05/18/19 18:10 EST		0	Thunderstorm Wind (EG 50 kt)
	05/18/19 18:10 EST		0	Source: State Official
A tree was blown down blocking Reels Mill Road near the intersection of Reichs Ford Road. Two trees were also blown down onto two cars in Pinecliff Park.				
HOWARD COUNTY --- 2.1 SW KNOLLWOOD [39.25, -77.06]				

Storm Data and Unusual Weather Phenomena - May 2019

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	05/18/19 19:20 EST		0	Thunderstorm Wind (EG 50 kt)
	05/18/19 19:20 EST		0	Source: State Official
Two trees were blown down near the intersection of Jennings Chapel and Howard Chapel Road.				
A weak warm front was located across central Maryland southward along the Potomac River during the afternoon hours of May 18th. Enough instability and wind shear was present for thunderstorms to develop near and along this boundary, and some became severe.				
<hr/>				
WASHINGTON COUNTY --- 0.5 W CLEAR SPG [39.65, -77.94]				
	05/19/19 13:47 EST		0	Hail (1.00 in)
	05/19/19 13:47 EST		0	Source: Trained Spotter
Quarter-sized hail (1.0 inch in diameter) was reported.				
<hr/>				
WASHINGTON COUNTY --- 2.1 SW DRY RUN [39.70, -77.91]				
	05/19/19 13:53 EST		0	Thunderstorm Wind (EG 50 kt)
	05/19/19 13:53 EST		0	Source: State Official
A tree was blown down along Mercersburg Road.				
<hr/>				
WASHINGTON COUNTY --- 1.5 NNE CLEAR SPG [39.67, -77.92]				
	05/19/19 13:55 EST		0	Hail (1.50 in)
	05/19/19 13:55 EST		0	Source: Broadcast Media
Ping pong ball-sized hail (1.5 inch in diameter) was reported.				
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WASHINGTON COUNTY --- 2.1 NW SPICKLER [39.69, -77.90]				
	05/19/19 13:55 EST		0	Hail (0.75 in)
	05/19/19 13:55 EST		0	Source: Trained Spotter
Penny-sized hail (0.75 inch in diameter) was reported.				
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WASHINGTON COUNTY --- 0.5 W SPICKLER [39.67, -77.88]				
	05/19/19 13:57 EST		0	Hail (2.00 in)
	05/19/19 13:57 EST		0	Source: Broadcast Media
Hen egg-sized hail (2.0 inches in diameter) was reported.				
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WASHINGTON COUNTY --- 0.7 N BROADFORDING [39.69, -77.80]				
	05/19/19 14:07 EST		0	Hail (1.75 in)
	05/19/19 14:07 EST		0	Source: Trained Spotter
Golf ball-sized hail (1.75 inch in diameter) was reported.				
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WASHINGTON COUNTY --- 1.3 WSW MAUGANSVILLE [39.67, -77.77]				
	05/19/19 14:10 EST		0	Thunderstorm Wind (EG 50 kt)
	05/19/19 14:10 EST		0	Source: State Official
A tree was blown down along Broadfording Road.				
<hr/>				
WASHINGTON COUNTY --- 0.7 N MAUGANSVILLE [39.69, -77.75]				
	05/19/19 14:16 EST		0	Hail (1.25 in)
	05/19/19 14:16 EST		0	Source: CoCoRaHS
Half dollar-sized hail (1.25 inch in diameter) was reported.				
<hr/>				
WASHINGTON COUNTY --- 2.1 NW SPICKLER [39.69, -77.90]				
	05/19/19 15:08 EST		0	Thunderstorm Wind (EG 50 kt)
	05/19/19 15:08 EST		0	Source: Trained Spotter
Several large branches were blown down by strong winds.				

Storm Data and Unusual Weather Phenomena - May 2019

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
FREDERICK COUNTY --- 0.5 E LADIESBURG [39.58, -77.26]				
	05/19/19 21:07 EST	0		Thunderstorm Wind (EG 50 kt)
	05/19/19 21:07 EST	0		Source: Department of Highways
One tree was blown down on Warner Road and one tree was blown down on Nicholson Road near Ladiesburg.				
A warm front crossed the region during the morning hours of May 19th, placing the entire region in the warm sector with ample instability developing by the afternoon hours. An upper level trough was crossing the Great Lakes during this time, bringing lower heights and increasing wind shear values. This helped to generate showers and thunderstorms, some of which became severe.				
WASHINGTON COUNTY --- 2.0 SSE FAIRVIEW [39.69, -77.84], 2.1 SSE FAIRVIEW [39.69, -77.84], 1.9 WNW BROADFORDING [39.69, -77.83], 1.9 WNW BROADFORDING [39.69, -77.83]				
	05/19/19 19:03 EST	0		Flood (due to Heavy Rain)
	05/19/19 21:03 EST	0		Source: 911 Call Center
The 13000 Block of Broadfording Road was closed due to water over the road.				
WASHINGTON COUNTY --- 1.5 SSE FAIRVIEW [39.70, -77.84], 1.3 SSE FAIRVIEW [39.70, -77.84], 1.2 S FAIRVIEW [39.70, -77.85], 1.4 S FAIRVIEW [39.70, -77.85]				
	05/19/19 19:06 EST	0		Flood (due to Heavy Rain)
	05/19/19 21:06 EST	0		Source: 911 Call Center
The intersection of Hicksville Road and Rockdale Road was closed due to flooding.				
WASHINGTON COUNTY --- 0.6 SSE ASHTON [39.62, -77.92], 0.7 SSE ASHTON [39.62, -77.92], 0.8 SSE ASHTON [39.62, -77.91], 0.7 SSE ASHTON [39.62, -77.91]				
	05/19/19 19:42 EST	0		Flood (due to Heavy Rain)
	05/19/19 21:42 EST	0		Source: Emergency Manager
Ashton Road was closed at Gruber Road due to flooding.				
WASHINGTON COUNTY --- 1.3 ESE FAIRVIEW [39.71, -77.83], 0.8 SE FAIRVIEW [39.71, -77.84], 1.6 E FAIRVIEW [39.72, -77.82], 2.0 NW CEARFOSS [39.72, -77.81]				
	05/19/19 19:42 EST	0		Flood (due to Heavy Rain)
	05/19/19 21:42 EST	0		Source: Emergency Manager
Wishard Road was closed due to flooding.				
WASHINGTON COUNTY --- 1.5 SSE FAIRVIEW [39.70, -77.84], 1.5 S FAIRVIEW [39.70, -77.85], 0.7 SE FAIRVIEW [39.71, -77.84], 1.2 SE FAIRVIEW [39.71, -77.83]				
	05/19/19 19:42 EST	0		Flood (due to Heavy Rain)
	05/19/19 21:42 EST	0		Source: Emergency Manager
Rockdale Road was closed due to flooding.				
WASHINGTON COUNTY --- 1.6 WNW BROADFORDING [39.69, -77.83], 1.9 WNW BROADFORDING [39.69, -77.83], 1.7 W BROADFORDING [39.68, -77.83], 1.4 WNW BROADFORDING [39.69, -77.83]				
	05/19/19 19:42 EST	0		Flood (due to Heavy Rain)
	05/19/19 21:42 EST	0		Source: Emergency Manager
Cresspond Road was closed due to flooding.				
WASHINGTON COUNTY --- CHARLTON [39.63, -77.90], 0.2 WNW CHARLTON [39.63, -77.90], 0.6 SW CHARLTON [39.63, -77.91], 0.4 SSW CHARLTON [39.62, -77.90]				
	05/19/19 19:42 EST	0		Flood (due to Heavy Rain)
	05/19/19 21:42 EST	0		Source: Emergency Manager
Shank Road was closed due to flooding.				
A warm front passed through the area, and plenty of moisture from the Gulf of Mexico led to the development of showers and thunderstorms. Some produced heavy rainfall that led to localized flooding in north-central Maryland.				

Storm Data and Unusual Weather Phenomena - May 2019

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
MONTGOMERY COUNTY --- BARNESVILLE [39.22, -77.38]				
	05/23/19 13:56 EST		0	Thunderstorm Wind (EG 61 kt)
	05/23/19 13:56 EST		0	Source: Emergency Manager
Several trees and wires were blown down.				
MONTGOMERY COUNTY --- 0.9 SE BURDETTS [39.19, -77.31]				
	05/23/19 14:03 EST		0	Thunderstorm Wind (EG 61 kt)
	05/23/19 14:03 EST		0	Source: Emergency Manager
Multiple trees and wires were blown down in the Boyds area.				
MONTGOMERY COUNTY --- 1.8 NW CLARKSBURG [39.25, -77.30]				
	05/23/19 14:03 EST		0	Thunderstorm Wind (EG 70 kt)
	05/23/19 14:03 EST		0	Source: Trained Spotter
Numerous trees were blown down and snapped.				
MONTGOMERY COUNTY --- 0.9 SE LAYTONSVILLE [39.21, -77.14]				
	05/23/19 14:11 EST		0	Thunderstorm Wind (EG 61 kt)
	05/23/19 14:11 EST		0	Source: Emergency Manager
Multiple reports of trees and utility poles blown down.				
MONTGOMERY COUNTY --- 0.7 S GAITHERSBURG [39.12, -77.20]				
	05/23/19 14:15 EST		0	Thunderstorm Wind (MG 58 kt)
	05/23/19 14:15 EST		0	Source: NWS Employee
Multiple trees and large branches were blown down near the intersection of Washingtonian Boulevard and Great Seneca Highway. A gust to 67 mph was measured near Gaithersburg.				
MONTGOMERY COUNTY --- 0.5 E ASHTON [39.15, -77.01]				
	05/23/19 14:20 EST		0	Thunderstorm Wind (EG 61 kt)
	05/23/19 14:20 EST		0	Source: Trained Spotter
A large tree was uprooted, one tree was snapped, and another large branch was snapped on private property.				
MONTGOMERY COUNTY --- 1.3 WSW BRIGHTON [39.19, -77.05]				
	05/23/19 14:20 EST		0	Thunderstorm Wind (EG 70 kt)
	05/23/19 14:20 EST		0	Source: Emergency Manager
Multiple trees and wires were blown down.				
HOWARD COUNTY --- 0.5 E HIGHLAND [39.18, -76.96]				
	05/23/19 14:23 EST		0	Thunderstorm Wind (EG 61 kt)
	05/23/19 14:23 EST		0	Source: NWS Employee
Two large 20 inch in diameter trees were snapped.				
HOWARD COUNTY --- 2.3 NE HIGHLAND [39.21, -76.95], 1.2 WNW GUILFORD [39.18, -76.85]				
	05/23/19 14:27 EST		0	Tornado (EF1, L: 5.53 mi , W: 150 yd)
	05/23/19 14:36 EST	1	0	Source: NWS Storm Survey

Storm Data and Unusual Weather Phenomena - May 2019

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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A line of showers and thunderstorms crossed the Blue Ridge Mountains around 2:30 PM EDT (1:30 PM EST) 23 May 2019, then tapped into strong thermodynamics and wind shear, creating a Quasi-Linear Convective System (QLCS) that increased in intensity as it tracked southeast across central and southern Maryland, Washington DC, and northern Virginia. The QLCS spawned an EF1 tornado in Howard County MD between 3:27 PM EDT (2:27 PM EST) and 3:36 PM EDT (2:36 EST), with a discontinuous damage path of 5.5 miles, moving east-southeast at an estimated 40 mph.

The first evidence of tornadic damage was near the intersection of Brighton Dam Road and MD Route 108 in Clarksville. Several trees were uprooted in this vicinity with large branches pulled towards each other, and fell in multiple directions, except westerly.

As the tornado moved east, more convergent tree damage extended on either side of Cedar Lane around Corina Court in Columbia. One eyewitness in this location who was interviewed saw the tornado knocking down trees, resulting in swirling debris. Most trees in this location were uprooted, but a few were snapped. Trees here were both softwood and hardwood. One tree fell into the roof of a house. Another resident in this area reported getting the wireless emergency alert on their phone, followed moments later by strong winds, which knocked down large trees.

Tree damage was also noted along Shaker Drive between Seneca Farm Road and Wayover Way, where numerous large trees were uprooted, with a couple of trees snapped, falling to the north.

The most significant damage noted was near the 9400 block of Patuxent Woods Drive, where a grove of hardwood and softwood trees were snapped about midway up their trunks, falling haphazardly. A nearby office building lost part of its roof, which blew towards the east. Trees were down further to the east, but it is likely that this was due to straight-line winds as radar analysis showed the tornado vortex broadening rapidly.

MONTGOMERY COUNTY --- 0.7 N WOODHAVEN [39.01, -77.13]

05/23/19 14:27 EST		0	Thunderstorm Wind (EG 50 kt)
05/23/19 14:27 EST		0	Source: Emergency Manager

A tree was blown down onto a house.

HOWARD COUNTY --- 0.9 SE GLENELG [39.26, -76.99]

05/23/19 14:30 EST		0	Thunderstorm Wind (EG 61 kt)
05/23/19 14:30 EST		0	Source: Trained Spotter

Multiple trees were blown down.

HOWARD COUNTY --- 1.3 ESE CLARKSVILLE [39.19, -76.86]

05/23/19 14:30 EST		0	Thunderstorm Wind (EG 61 kt)
05/23/19 14:30 EST		0	Source: Trained Spotter

Multiple trees were blown down.

HOWARD COUNTY --- 2.1 NE HIGHLAND [39.20, -76.94]

05/23/19 14:30 EST		0	Thunderstorm Wind (MG 50 kt)
05/23/19 14:30 EST		0	Source: Mesonet

A wind gust of 58 mph (50 knots) was measured near Clarksville.

HOWARD COUNTY --- 0.9 NE SAVAGE [39.14, -76.82]

05/23/19 14:32 EST		0	Thunderstorm Wind (EG 61 kt)
05/23/19 14:32 EST		0	Source: Trained Spotter

Multiple large trees were blown down.

HOWARD COUNTY --- 1.4 N SAVAGE [39.15, -76.83]

05/23/19 14:36 EST		0	Thunderstorm Wind (EG 70 kt)
05/23/19 14:36 EST		0	Source: Trained Spotter

Multiple large trees and branches were blown down.

PRINCE GEORGE'S COUNTY --- OXON HILL [38.80, -77.00]

05/23/19 14:50 EST		0	Thunderstorm Wind (EG 50 kt)
05/23/19 14:50 EST		0	Source: Trained Spotter

A tree was blown down onto a house.

Storm Data and Unusual Weather Phenomena - May 2019

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
PRINCE GEORGE'S COUNTY --- 0.2 S (ADW)ANDREWS AFB CAM [38.80, -76.88]				
	05/23/19 14:56 EST		0	Thunderstorm Wind (MG 55 kt)
	05/23/19 14:56 EST		0	Source: State Official
Multiple trees and utility poles were blown down throughout Prince Georges County. A wind gust to 63 mph was measured at Andrews Air Force Base.				
CHARLES COUNTY --- 0.5 W BRYANS ROAD [38.63, -77.08]				
	05/23/19 15:02 EST		0	Thunderstorm Wind (EG 50 kt)
	05/23/19 15:02 EST		0	Source: State Official
A tree was blown down onto a house on Leslie Avenue at Wooster Road.				
ANNE ARUNDEL COUNTY --- ANNAPOLIS [38.97, -76.50]				
	05/23/19 15:10 EST		0	Thunderstorm Wind (EG 61 kt)
	05/23/19 15:10 EST		0	Source: State Official
Multiple trees and wires were blown down throughout Anne Arundel County.				
CALVERT COUNTY --- 0.9 SE OWINGS [38.71, -76.59]				
	05/23/19 15:22 EST		0	Thunderstorm Wind (EG 50 kt)
	05/23/19 15:22 EST		0	Source: State Official
A tree was blown down near Owings.				
CALVERT COUNTY --- 1.8 WSW RANDLE CLIFF BEACH [38.66, -76.56]				
	05/23/19 15:25 EST		0	Thunderstorm Wind (EG 50 kt)
	05/23/19 15:25 EST		0	Source: State Official
A tree was blown down on Beaver Dam Road.				
ST. MARY'S COUNTY --- MECHANICSVILLE [38.43, -76.73]				
	05/23/19 15:40 EST		0	Thunderstorm Wind (EG 50 kt)
	05/23/19 15:40 EST		0	Source: Emergency Manager
A tree was blown down onto Loveville Road near the intersection with Bishop Road.				
CALVERT COUNTY --- CALVERT BEACH [38.47, -76.48]				
	05/23/19 15:45 EST		0	Thunderstorm Wind (EG 50 kt)
	05/23/19 15:45 EST		0	Source: State Official
A tree was blown down on Calvert Beach Road at Apple Way.				
CALVERT COUNTY --- 1.1 W CHESAPEAKE RANCH EST [38.35, -76.42]				
	05/23/19 15:55 EST		0	Thunderstorm Wind (EG 50 kt)
	05/23/19 15:55 EST		0	Source: State Official
A tree was blown down on Coyote Trail.				
ST. MARY'S COUNTY --- 2.1 NE REDGATE [38.29, -76.57]				
	05/23/19 16:23 EST		0	Thunderstorm Wind (EG 50 kt)
	05/23/19 16:23 EST		0	Source: Trained Spotter
A tree was blown down on Saint Andrews Church Road.				

A warm front crossed the region during the morning hours of May 23rd, placing the area in the warm sector by the afternoon hours. At the same time, surface low pressure tracked across the northern Great Lakes, with an attendant cold front moving into the Ohio Valley by the evening. A mesoscale convective system (MCS) was ongoing during the morning hours and moved eastward and into the region during the afternoon hours. Out ahead of the MCS, moisture and warmth increased with moderate instability developing. Aloft, wind shear increased throughout the day and became quite substantial by the late afternoon. The MCS entered Maryland by the mid afternoon hours and intensified into a linear feature that produced damaging winds and one tornado before exiting during the evening.

Storm Data and Unusual Weather Phenomena - May 2019

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
FREDERICK COUNTY --- 0.7 N MYERSVILLE [39.51, -77.57]				
	05/26/19 19:13 EST		0	Thunderstorm Wind (EG 50 kt)
	05/26/19 19:13 EST		0	Source: Public
Large tree branches were blown down in Meyersville.				
FREDERICK COUNTY --- 0.7 S EMMITSBURG [39.69, -77.33]				
	05/26/19 19:15 EST		0	Thunderstorm Wind (EG 50 kt)
	05/26/19 19:15 EST		0	Source: State Official
Several trees were blown down near Emmitsburg.				
WASHINGTON COUNTY --- 1.1 W BOONSBORO [39.50, -77.67]				
	05/26/19 19:24 EST		0	Thunderstorm Wind (EG 50 kt)
	05/26/19 19:24 EST		0	Source: State Official
A tree was blown down on Monroe Street near Route 34.				
FREDERICK COUNTY --- 0.7 N LEWISTOWN [39.54, -77.42]				
	05/26/19 19:26 EST		0	Thunderstorm Wind (EG 50 kt)
	05/26/19 19:26 EST		0	Source: State Official
Several trees were blown down in the Lewistown area of Frederick County.				
CARROLL COUNTY --- PLEASANT VLY [39.63, -77.05]				
	05/26/19 19:40 EST		0	Thunderstorm Wind (EG 50 kt)
	05/26/19 19:40 EST		0	Source: Emergency Manager
Several trees and wires were blown down northwest of Westminster.				
CARROLL COUNTY --- 0.4 WSW WESTMINSTER [39.58, -77.01]				
	05/26/19 19:48 EST		0	Thunderstorm Wind (EG 50 kt)
	05/26/19 19:48 EST		0	Source: Emergency Manager
A tree and power lines were blown onto a house in Westminster.				
HARFORD COUNTY --- 0.7 S JOPPA [39.42, -76.37]				
	05/26/19 19:50 EST		0	Thunderstorm Wind (EG 50 kt)
	05/26/19 19:50 EST		0	Source: State Official
A tree was blown down on the 1000 block of Plaza Circle. A tree was also blown down at the intersection of Trimble Road and Erwin Drive.				
HARFORD COUNTY --- 1.1 W MAGNOLIA [39.40, -76.34]				
	05/26/19 19:53 EST		0	Thunderstorm Wind (EG 50 kt)
	05/26/19 19:53 EST		0	Source: State Official
A tree was blown down on Haverhill Road near Joppa Farm Road.				
HOWARD COUNTY --- 0.9 NE ALPHA [39.34, -76.92]				
	05/26/19 20:13 EST		0	Thunderstorm Wind (EG 61 kt)
	05/26/19 20:13 EST		0	Source: State Official
Multiple trees were blown down and a barn was displaced from its foundation along Tunnell Road between Henryton Road and Marriottsville Road. Trees were also reported down along Barley Field Way.				
BALTIMORE COUNTY --- 0.5 W RANDALLSTOWN [39.37, -76.81]				
	05/26/19 20:16 EST		0	Thunderstorm Wind (EG 50 kt)
	05/26/19 20:16 EST		0	Source: State Official
A tree was blown down on Liberty Road.				

Storm Data and Unusual Weather Phenomena - May 2019

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
BALTIMORE COUNTY --- 1.1 W STONELEIGH [39.37, -76.64]				
	05/26/19 20:29 EST		0	Thunderstorm Wind (EG 50 kt)
	05/26/19 20:29 EST		0	Source: State Official
A tree was blown down in Poplar Hill.				
BALTIMORE COUNTY --- 1.3 ESE HALETHORPE [39.24, -76.68]				
	05/26/19 20:30 EST		0	Thunderstorm Wind (EG 61 kt)
	05/26/19 20:30 EST		0	Source: State Official
Multiple trees were reported blown down in Halethorpe.				
ANNE ARUNDEL COUNTY --- 1.3 WSW ROBINSON [39.06, -76.59]				
	05/26/19 20:55 EST		0	Thunderstorm Wind (EG 50 kt)
	05/26/19 20:55 EST		0	Source: State Official
A tree was blown down near the intersection of Sunrise Beach Road and Whitneys Landing Drive.				
ANNE ARUNDEL COUNTY --- 2.1 NW CROWNSVILLE [39.05, -76.63]				
	05/26/19 20:55 EST		0	Thunderstorm Wind (EG 50 kt)
	05/26/19 20:55 EST		0	Source: State Official
A tree was blown down near the intersection of Waterbury Road and Severn Chapel Road. A tree was also blown down near the interchange of I-97 and Generals Highway.				
ANNE ARUNDEL COUNTY --- 0.5 W HERALD HARBOR [39.05, -76.58]				
	05/26/19 20:58 EST		0	Thunderstorm Wind (EG 50 kt)
	05/26/19 20:58 EST		0	Source: State Official
A tree was blown down near the intersection of Herald Harbor Road and Wilson Road. A second tree was also blown down nearby at the intersection of Herald Harbor Road and Rosewood Trail.				
<p>A warm front moved through the area during the early morning hours of May 26th, placing the region in the warm sector. This allowed for a hot and humid air mass to overspread the region during the afternoon, leading to significant levels of instability. Modest but sufficient wind shear was also present as an upper level disturbance approached the region from the west. This combination of factors led to the development of showers and thunderstorms, some of which became severe.</p>				
CARROLL COUNTY --- LOUISVILLE [39.45, -76.93]				
	05/29/19 16:09 EST		0	Thunderstorm Wind (EG 50 kt)
	05/29/19 16:09 EST		0	Source: Trained Spotter
Several trees were blown down near the intersection of MD-32 and Lakeland Drive.				
BALTIMORE COUNTY --- 1.6 W WHITE MARSH [39.38, -76.46]				
	05/29/19 16:53 EST		0	Thunderstorm Wind (EG 78 kt)
	05/29/19 17:00 EST		0	Source: NWS Storm Survey
<p>The White Marsh area of eastern Baltimore County was impacted with a macroburst, which caused straight-line wind damage between 5:53 PM EDT (4:53 PM EST) and 6:00 PM EDT (5:00 PM EST). Two wooden telephone poles were snapped along Silver Spring Road, and numerous trees and branches were downed along Saxon Circle. All observed tree damage fell to the northeast. Additionally, the Baltimore County Office of Homeland Security and Emergency Management reported the easternmost wind damage in Middle River, near the intersection of Ebenezer and Bird River Roads. The western most damage reported was near the intersection of Yvonne Ave and Silver Spring Rd in Nottingham. There were approximately 18 instances of tree damage between these two locations, with the horizontal distance of about 4 miles. The snapping of the telephone poles and nature of the reported and observed tree damage produces an estimate of 90 MPH wind.</p>				
BALTIMORE COUNTY --- 0.7 N BALTIMORE MARTIN ST [39.34, -76.42]				
	05/29/19 16:54 EST		0	Thunderstorm Wind (MG 50 kt)
	05/29/19 16:54 EST		0	Source: AWOS
A wind gust to 58 mph (50 knots) was measured at Martin State Airport (KMTN).				
BALTIMORE COUNTY --- 0.5 W BALTIMORE MARTIN ST [39.33, -76.43]				

Storm Data and Unusual Weather Phenomena - May 2019

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	05/29/19 16:58 EST		0	Hail (1.50 in)
	05/29/19 16:58 EST		0	Source: Public
Ping pong ball-sized hail (1.5 inch in diameter) was reported.				
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BALTIMORE COUNTY --- 0.9 NW SWEET AIR [39.53, -76.54]				
	05/29/19 17:08 EST		0	Thunderstorm Wind (EG 50 kt)
	05/29/19 17:08 EST		0	Source: Trained Spotter
A tree was blown down on Jarrettsville Pike near Hess Road.				
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HARFORD COUNTY --- 1.3 WNW MAGNOLIA [39.41, -76.34]				
	05/29/19 17:08 EST		0	Thunderstorm Wind (EG 50 kt)
	05/29/19 17:08 EST		0	Source: State Official
A tree was blown down on Garnett Road near Joppa Farm Road.				
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HARFORD COUNTY --- 1.5 WSW UPPER XRDS [39.54, -76.50], 1.0 WSW SCARFF [39.53, -76.45]				
	05/29/19 17:10 EST		0	Thunderstorm Wind (EG 78 kt)
	05/29/19 17:15 EST		0	Source: NWS Storm Survey
<p>The Fallston and Baldwin area of west-central Harford County was impacted by a macroburst from 6:10 PM EDT (5:10 PM EST) until 6:15 PM EDT (5:15 PM EDT), which produced damaging wind gusts estimated at 90 MPH. A concentrated area of damage was observed starting at Moores Road in Baldwin, extending discontinuously for approximately 3.25 miles to the east, ending at Pleasantville Road in Fallston. In this area, numerous observations of tree damage were observed. The tree damage included mainly large limbs of hardwood trees and snaps of about a dozen pine trees. Several single family homes were impacted with limbs falling onto rooftops. All tree damage fell in an easterly direction. An image circulating among residents showed what appears to be a roll cloud, representing the leading edge of the gusty winds.</p>				
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ANNE ARUNDEL COUNTY --- 0.7 N SEVERNA PARK [39.08, -76.55]				
	05/29/19 17:15 EST		0	Thunderstorm Wind (EG 61 kt)
	05/29/19 17:15 EST		0	Source: Public
Multiple trees were blown down near the intersection of Route 2 and Leelyn Drive.				
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HARFORD COUNTY --- 0.5 E HAVRE DE GRACE [39.55, -76.09]				
	05/29/19 17:49 EST		0	Thunderstorm Wind (EG 61 kt)
	05/29/19 17:49 EST		0	Source: State Official
A roof was blown off of a house on the 200 block of North Washington Street.				
<p>A surface frontal boundary was positioned north of the region across Pennsylvania for the majority of the day on May 29th, with pieces of upper level energy moving along the frontal boundary. By late in the day, a weak surface low traversed the front, and the front shifted southward towards northern Maryland as upper level energy approached the region. Hot and humid conditions across the area led to the development of significant amounts of instability, and that combined with modest but sufficient amounts of wind shear and the nearby frontal boundary promoted the development of scattered showers and thunderstorms. Some of these thunderstorms became severe, producing large hail and damaging winds, including two macrobursts across northeastern Maryland.</p>				
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FREDERICK COUNTY --- 0.9 N REELS MILL [39.38, -77.38], 0.9 SSE MONROVIA [39.36, -77.27]				
	05/30/19 13:48 EST		0	Tornado (EF0, L: 6.50 mi , W: 75 yd)
	05/30/19 13:59 EST		0	Source: NWS Storm Survey
<p>An EF-0 tornado, with estimated maximum wind speeds of 85 mph, occurred on Thursday May 30th, 2019 near Frederick, Maryland. The 6.5 mile path of damage extended from the eastern suburbs of Frederick, through Ijamsville, to Monrovia. The tornado touched down near the Monocacy River at approximately 2:48 PM EDT (1:48 PM EST), just west of the Frederick County Public Safety Training Facility. As it moved east over the county training facility and property, it snapped and uprooted many trees, but no structural damage was reported to the building from the wind. The tornado tracked a little south of due east, uprooting and snapping trees along Reichs Ford Road. As it crossed into Ijamsville, trees were uprooted and large branches were snapped along Ijamsville Road and Mussetter Road near the Methodist church. Continuing east, trees were noted uprooted and large branches snapped in multiple directions along a path that crossed Prices Distillery Road, Whiskey Road just south of Whiskey Creek Golf Course, a new residential community along Ed McClain Road, and Green Valley Road before lifting at approximately 2:59 PM EDT (1:59 PM EST).</p>				
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FREDERICK COUNTY --- 0.9 SW REELS MILL [39.36, -77.39]				

Storm Data and Unusual Weather Phenomena - May 2019

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	05/30/19 13:51 EST		0	Thunderstorm Wind (EG 50 kt)
	05/30/19 13:51 EST		0	Source: State Official

A tree was blown down on the 4600 block of Araby Church Road.

FREDERICK COUNTY --- 1.0 NE IJAMSVILLE [39.38, -77.32]

05/30/19 13:54 EST	0	Thunderstorm Wind (MG 62 kt)
05/30/19 13:54 EST	0	Source: Mesonet

A wind gust of 62 knots (71 mph) was measured near New Market.

MONTGOMERY COUNTY --- 0.5 W CLAGGETTSVILLE [39.32, -77.21]

05/30/19 14:06 EST	0	Thunderstorm Wind (EG 50 kt)
05/30/19 14:06 EST	0	Source: Emergency Manager

A tree was blown down on the 29010 block of Ridge Road. Another tree was blown down on the 28600 block of Kemptown Road.

MONTGOMERY COUNTY --- DAMASCUS [39.28, -77.20]

05/30/19 14:06 EST	0	Thunderstorm Wind (EG 61 kt)
05/30/19 14:06 EST	0	Source: Emergency Manager

Several reports of trees and wires blown down in Damascus.

HOWARD COUNTY --- 0.7 N LISBON [39.34, -77.07]

05/30/19 14:17 EST	0	Hail (1.00 in)
05/30/19 14:17 EST	0	Source: Trained Spotter

Quarter-sized hail (1.0 inch in diameter) was reported.

HOWARD COUNTY --- 0.8 S KNOLLWOOD [39.26, -77.03], 2.3 ENE DAYTON [39.25, -76.94]

05/30/19 14:20 EST	0	Tornado (EF1, L: 4.49 mi , W: 100 yd)
05/30/19 14:27 EST	0	Source: NWS Storm Survey

An EF-1 tornado, with estimated maximum wind speeds around 100 mph, occurred Thursday May 30th 2019 near Glenelg, Maryland. At 3:20 PM EDT (2:20 PM EST), the tornado touched down in a residential community west of Glenelg between Meriweather Drive and Edgewoods Way. As the tornado was passing through the community, it ripped sections of roofing deck off homes. It also snapped and uprooted trees and large branches, and lofted loose objects hundreds of feet. Moving east-southeast, it crossed over Tridelphia Road and other nearby roads, downing large trees and power lines. As it reached Maryland Route 32 it downed a swath of trees on both sides of the road before moving over and just north of a Howard County Highway Maintenance facility. At the facility, the tornado ripped off its tin roofing, damaged some roof framing, tore a large section of fabric from a salt dome, destroyed garage bay doors, damaged fencing, and continued to snap and uproot large trees along its path. Continuing along, it snapped and uprooted large trees in residential areas along Buckskin Lake Drive, Folly Quarter Lane, and Heritage Hill Lane. It also ripped off a section of barn roofing. The tornado lifted at 3:27 PM EDT (2:27 PM EST), over a farm property before it reached Sheppard Lane.

HOWARD COUNTY --- 1.4 N DAYTON [39.25, -76.98]

05/30/19 14:20 EST	0	Thunderstorm Wind (MG 58 kt)
05/30/19 14:20 EST	0	Source: Mesonet

A wind gust of 58 knots (67 mph) was measured near Dayton.

BALTIMORE COUNTY --- 3.4 NW SPARROWS PT [39.30, -76.63]

05/30/19 14:48 EST	0	Thunderstorm Wind (EG 61 kt)
05/30/19 14:48 EST	0	Source: Public

A free standing traffic light was blown down at the intersection of Martin Luther King Boulevard and Pennsylvania Avenue. Several trees were also reported blown down in the area.

PRINCE GEORGE'S COUNTY --- 0.5 W DISTRICT HGTS [38.85, -76.88]

05/30/19 14:51 EST	0	Thunderstorm Wind (EG 50 kt)
05/30/19 14:51 EST	0	Source: Emergency Manager

A tree was blown down on a house in the 3200 block of Maygreen Avenue.

Storm Data and Unusual Weather Phenomena - May 2019

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
BALTIMORE COUNTY --- 1.1 W SPARROWS PT [39.27, -76.60]				
	05/30/19 14:53 EST	0		Thunderstorm Wind (EG 61 kt)
	05/30/19 14:53 EST	0		Source: State Official
Telephone poles were blown down on Key Highway near McComas Street.				
<p>On the morning of May 30th a surface front was positioned across Pennsylvania, with a surface low positioned west of Chicago, Illinois. Through the day the surface low moved eastward along the frontal boundary, reaching western Pennsylvania by late in the afternoon. The low then quickly pushed eastward off the NJ coastline by late in the evening, with a cold front crossing the region. In addition, two disturbances aloft moved across the area, one during the mid to late afternoon hours, and another in the evening. Out ahead of the front, warmth and humidity allowed for the development of moderate instability and that coupled with moderate wind shear aloft set the stage for two rounds of scattered showers and thunderstorms, some of which became severe. Two tornadoes occurred across central Maryland.</p>				
VIRGINIA, North				
(VA-Z028) FREDERICK, (VA-Z031) CLARKE, (VA-Z051) CULPEPER, (VA-Z053) FAIRFAX, (VA-Z054) ARLINGTON, (VA-Z501) NORTHERN FAUQUIER, (VA-Z502) SOUTHERN FAUQUIER, (VA-Z505) WESTERN LOUDOUN, (VA-Z506) EASTERN LOUDOUN				
	05/02/19 00:15 EST	0		Dense Fog
	05/02/19 07:55 EST	0		
Warm, moist air aloft overrunning cooler surface air combined with lingering low level moisture to produce low clouds and widespread dense fog across portions of the region.				
LOUDOUN COUNTY --- 1.5 NNW BROAD RUN FARMS [39.05, -77.38]				
	05/02/19 14:05 EST	0		Thunderstorm Wind (EG 50 kt)
	05/02/19 14:05 EST	0		Source: State Official
A tree was reported down on Fairway Drive near Algonkian Parkway.				
FAIRFAX COUNTY --- 0.5 W CHESTERBROOK WOODS [38.93, -77.18]				
	05/02/19 14:38 EST	0		Thunderstorm Wind (EG 50 kt)
	05/02/19 14:38 EST	0		Source: State Official
A tree was blown down onto power lines on Spring Vale Avenue.				
<p>A warm front lifted across the region during the morning hours of May 2nd, with warm and humid conditions developing by the afternoon. This led to ample amounts of instability over the region, and as an upper level disturbance moved into the area providing wind shear and lift, scattered showers and thunderstorms developed, a few of which became severe.</p>				
FREDERICK COUNTY --- 0.9 SW WELLTOWN [39.24, -78.14]				
	05/03/19 14:53 EST	0		Hail (1.00 in)
	05/03/19 14:53 EST	0		Source: Trained Spotter
Quarter-sized hail (1 inch in diameter) was reported.				
FREDERICK COUNTY --- 0.5 E HILLCREST [39.18, -78.19]				
	05/03/19 14:54 EST	0		Hail (0.75 in)
	05/03/19 14:54 EST	0		Source: Trained Spotter
Penny-sized hail (0.75 inch in diameter) was reported.				
FREDERICK COUNTY --- 0.9 SE HILLCREST [39.17, -78.19]				
	05/03/19 14:57 EST	0		Hail (0.75 in)
	05/03/19 14:57 EST	0		Source: Trained Spotter
Penny-sized hail (0.75 inch in diameter) was reported.				
FREDERICK COUNTY --- 0.5 E STEPHENS CITY [39.08, -78.21]				

Storm Data and Unusual Weather Phenomena - May 2019

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	05/03/19 15:46 EST		0	Hail (1.25 in)
	05/03/19 15:46 EST		0	Source: Public
Half dollar-sized hail (1.25 inch in diameter) was reported.				
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FREDERICK COUNTY --- STEPHENS CITY [39.08, -78.22]				
	05/03/19 15:50 EST		0	Hail (0.88 in)
	05/03/19 15:50 EST		0	Source: Trained Spotter
Nickel-sized hail (0.88 inch in diameter) was reported.				
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FREDERICK COUNTY --- 1.4 N CAUNTERBURG [39.07, -78.18]				
	05/03/19 15:53 EST		0	Hail (1.75 in)
	05/03/19 15:53 EST		0	Source: Public
Golf ball-sized hail (1.75 inch in diameter) was reported.				
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FREDERICK COUNTY --- 1.8 NW ARMEL [39.10, -78.17]				
	05/03/19 15:56 EST		0	Hail (1.00 in)
	05/03/19 15:56 EST		0	Source: Trained Spotter
Quarter-sized hail (1.0 inch in diameter) was reported.				
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FREDERICK COUNTY --- 0.7 N CAUNTERBURG [39.06, -78.18]				
	05/03/19 15:57 EST		0	Thunderstorm Wind (EG 50 kt)
	05/03/19 15:57 EST		0	Source: Public
A tree was blown down onto private property in southeast Stephens City.				
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FREDERICK COUNTY --- 0.9 NW ARMEL [39.09, -78.16]				
	05/03/19 16:00 EST		0	Hail (1.50 in)
	05/03/19 16:00 EST		0	Source: Public
Ping pong ball-sized hail (1.5 inch in diameter) was reported.				
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FREDERICK COUNTY --- 0.5 E STEPHENS CITY [39.08, -78.21]				
	05/03/19 16:01 EST		0	Hail (0.75 in)
	05/03/19 16:01 EST		0	Source: Trained Spotter
Penny-sized hail (0.75 inch in diameter) was reported.				
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CLARKE COUNTY --- 0.9 SW BOYCE [39.09, -78.06]				
	05/03/19 16:17 EST		0	Hail (1.00 in)
	05/03/19 16:17 EST		0	Source: Public
Quarter-sized hail (1.0 inch in diameter) was reported.				
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CLARKE COUNTY --- 1.6 E CLAYTONVILLE [39.08, -77.99]				
	05/03/19 16:23 EST		0	Thunderstorm Wind (EG 50 kt)
	05/03/19 16:23 EST		0	Source: Public
A tree was blown down in the 400 block of Ellerslie Road.				
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CLARKE COUNTY --- 0.9 NE BRIGGS [39.11, -78.01]				
	05/03/19 16:31 EST		0	Hail (1.25 in)
	05/03/19 16:31 EST		0	Source: Trained Spotter
Half dollar-sized hail (1.25 inch in diameter) was reported.				
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FREDERICK COUNTY --- 1.3 ESE GRIMES [39.27, -78.11]				
	05/03/19 19:04 EST		0	Thunderstorm Wind (EG 50 kt)
	05/03/19 19:04 EST		0	Source: State Official

Storm Data and Unusual Weather Phenomena - May 2019

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
A tree was blown down near the intersection of Cedar Hill Road and Brown Lane.				
CLARKE COUNTY --- 3.5 S SWIMLEY [39.20, -78.01]				
	05/03/19 19:17 EST	0		Thunderstorm Wind (EG 50 kt)
	05/03/19 19:17 EST	0		Source: State Official
A tree was blown down onto power lines in the 600 block of VA-632 Crums Church Road.				
A stationary front was positioned across the eastern West Virginia panhandle southeastward through southern and central Virginia through the day on May 3rd. Showers and thunderstorms developed along and south of this boundary and across the terrain during the afternoon and evening hours. Enough instability and wind shear was present for some of these thunderstorms to become severe.				
WARREN COUNTY --- 0.9 WSW CEDARVILLE [38.98, -78.20], 0.9 WSW CEDARVILLE [38.98, -78.20], 0.9 WSW CEDARVILLE [38.98, -78.20], 0.9 WSW CEDARVILLE [38.98, -78.20]				
	05/03/19 19:00 EST	0		Flood (due to Heavy Rain)
	05/03/19 22:00 EST	0		Source: Public
Several inches of water was flowing over Ritenour Hollow Road near Sleep Hill Road.				
FREDERICK COUNTY --- 0.5 W CLOWSER GAP [39.18, -78.34], 0.7 WSW CLOWSER GAP [39.18, -78.34], 0.6 WSW CLOWSER GAP [39.18, -78.34], 0.4 W CLOWSER GAP [39.18, -78.34]				
	05/03/19 19:30 EST	0		Flood (due to Heavy Rain)
	05/03/19 22:30 EST	0		Source: 911 Call Center
High water was located along VA-600 Back Mountain Road.				
FREDERICK COUNTY --- 0.9 ESE ARMEL [39.07, -78.13], 0.9 SE ARMEL [39.07, -78.14], 0.7 ESE ARMEL [39.08, -78.14], 0.8 ESE ARMEL [39.08, -78.14]				
	05/03/19 20:49 EST	0		Flood (due to Heavy Rain)
	05/03/19 23:49 EST	0		Source: Department of Highways
Nations Spring Road and Readon Road were closed due to flooding between US-522 Front Royal Pike and VA-644.				
A nearly stationary boundary combined with moisture advection caused showers and thunderstorms to develop across portions of northern Virginia. Locally heavy rain led to isolated instances of flooding.				
(VA-Z026) ROCKINGHAM, (VA-Z027) SHENANDOAH, (VA-Z028) FREDERICK, (VA-Z029) PAGE, (VA-Z030) WARREN, (VA-Z031) CLARKE, (VA-Z037) ALBEMARLE, (VA-Z038) GREENE				
	05/04/19 00:15 EST	0		Dense Fog
	05/04/19 07:35 EST	0		
Wet soil moisture and light winds led to the development of widespread dense fog across portions of the region.				
FAIRFAX COUNTY --- 1.0 NNE CENTREVILLE [38.84, -77.42], 0.9 N CENTREVILLE [38.84, -77.42], 0.8 N CENTREVILLE [38.84, -77.42], 1.0 NNE CENTREVILLE [38.84, -77.41]				
	05/04/19 22:59 EST	0		Flood (due to Heavy Rain)
	05/05/19 00:59 EST	0		Source: Department of Highways
Leland Road was closed due to high water.				
PRINCE WILLIAM COUNTY --- 0.4 NW YORKSHIRE [38.79, -77.44], 0.5 NW YORKSHIRE [38.79, -77.44], 0.5 NNW YORKSHIRE [38.79, -77.43], 0.4 NW YORKSHIRE [38.79, -77.43]				
	05/04/19 22:59 EST	0		Flash Flood (due to Heavy Rain)
	05/05/19 01:00 EST	0		Source: 911 Call Center
The intersection of Lake Drive and Leland Road was closed due to high water.				
PRINCE WILLIAM COUNTY --- 0.8 N BRISTOW [38.73, -77.53], 0.8 N BRISTOW [38.73, -77.53], 0.6 N BRISTOW [38.73, -77.53], 0.5 NNW BRISTOW [38.73, -77.53]				
	05/04/19 23:48 EST	0		Flash Flood (due to Heavy Rain)
	05/05/19 00:30 EST	0		Source: River/Stream Gage
The stream gauge on the Broad Run at Bristow rapidly exceeded the 9.5 foot flood stage during the indicated period. Piper Lane flooded near Manassas Airport and trails along the stream were also flooded.				

Storm Data and Unusual Weather Phenomena - May 2019

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
PRINCE WILLIAM COUNTY --- 1.2 N BRISTOW [38.74, -77.53], 0.6 NNE BRISTOW [38.73, -77.53], 0.4 NW BRISTOW [38.73, -77.53], 1.2 NNW BRISTOW [38.74, -77.54]				
	05/05/19 00:30 EST		0	Flood (due to Heavy Rain)
	05/06/19 02:09 EST		0	Source: River/Stream Gage
The stream gauge on Broad Run at Bristow reached minor flood stage. At this level, Piper Lane is flooded near Manassas Airport. The peak level was 10.04 feet at 12:45 AM on the 5th.				
PRINCE WILLIAM COUNTY --- 1.0 S BRISTOW [38.71, -77.53], 1.0 S BRISTOW [38.71, -77.53], 1.0 S BRISTOW [38.71, -77.53], 1.0 S BRISTOW [38.71, -77.53]				
	05/05/19 00:48 EST		0	Flood (due to Heavy Rain)
	05/05/19 02:48 EST		0	Source: Trained Spotter
The road was closed on Valley View Drive near the Bristow Manor Golf Club due to high water.				
CULPEPER COUNTY --- 0.3 WNW MONUMENT MILLS [38.60, -78.00], 0.2 WNW MONUMENT MILLS [38.60, -78.00], 0.3 SSW MONUMENT MILLS [38.60, -78.00], 0.4 SW MONUMENT MILLS [38.60, -78.01]				
	05/05/19 01:19 EST		0	Flood (due to Heavy Rain)
	05/05/19 03:19 EST		0	Source: 911 Call Center
Monumental Mills Road was closed near Hazel River Road due to standing water.				
FAUQUIER COUNTY --- 0.7 WNW CLIFF MILLS [38.72, -77.91], 0.6 WNW CLIFF MILLS [38.72, -77.91], 0.3 WSW CLIFF MILLS [38.72, -77.91], 0.5 WSW CLIFF MILLS [38.72, -77.91]				
	05/05/19 01:30 EST		0	Flood (due to Heavy Rain)
	05/05/19 03:30 EST		0	Source: 911 Call Center
Cliff Mills Road was closed due to standing water.				
PRINCE WILLIAM COUNTY --- 0.5 NW YORKSHIRE [38.79, -77.44], 0.5 NNW YORKSHIRE [38.79, -77.43], 0.4 NW YORKSHIRE [38.78, -77.43], 0.4 NW YORKSHIRE [38.78, -77.44]				
	05/05/19 01:43 EST		0	Flood (due to Heavy Rain)
	05/05/19 03:43 EST		0	Source: 911 Call Center
The road was closed due to high water near Lake Drive and Leland Road.				
PRINCE WILLIAM COUNTY --- 0.7 S BRISTOW [38.71, -77.53], 0.7 S BRISTOW [38.71, -77.53], 0.8 S BRISTOW [38.71, -77.53], 0.7 S BRISTOW [38.71, -77.53]				
	05/05/19 05:25 EST		0	Flood (due to Heavy Rain)
	05/05/19 07:25 EST		0	Source: 911 Call Center
Flooding continues at Valley View Drive one mile south of Route 619.				
FAUQUIER COUNTY --- 1.1 E WARRENTON [38.72, -77.76], 1.2 E WARRENTON [38.72, -77.76], 1.2 E WARRENTON [38.72, -77.76], 1.1 E WARRENTON [38.72, -77.76]				
	05/05/19 06:45 EST		0	Flood (due to Heavy Rain)
	05/05/19 08:45 EST		0	Source: 911 Call Center
High water was blocking Frytown Road along the 7500 Block.				
FAUQUIER COUNTY --- 2.0 N CALVERTON [38.66, -77.68], 2.0 N CALVERTON [38.66, -77.68], 1.6 NNW CALVERTON [38.65, -77.68], 1.6 NNW CALVERTON [38.65, -77.68]				
	05/05/19 06:45 EST		0	Flood (due to Heavy Rain)
	05/05/19 08:45 EST		0	Source: 911 Call Center
High water was blocking Bastable Mill Road in the 9200 Block.				
FREDERICK COUNTY --- 1.1 E WINCHESTER ARPT [39.15, -78.13], 1.0 E WINCHESTER ARPT [39.15, -78.13], 1.0 E WINCHESTER ARPT [39.15, -78.13], 1.1 E WINCHESTER ARPT [39.15, -78.13]				
	05/05/19 09:24 EST		0	Flood (due to Heavy Rain)
	05/05/19 11:24 EST		0	Source: 911 Call Center

Storm Data and Unusual Weather Phenomena - May 2019

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Sulphur Springs road was closed over the Opequon Creek.				
FREDERICK COUNTY --- 2.3 N ROUND HILL [39.23, -78.25], 2.2 N ROUND HILL [39.23, -78.25], 2.3 N ROUND HILL [39.23, -78.25], 2.4 N ROUND HILL [39.23, -78.25]				
	05/05/19 09:29 EST		0	Flood (due to Heavy Rain)
	05/05/19 11:29 EST		0	Source: Emergency Manager

Indian Hollow road was closed due to high water.

FREDERICK COUNTY --- 1.8 SSE BRUCETOWN [39.23, -78.05], 1.7 SSE BRUCETOWN [39.23, -78.05], 1.9 SE BRUCETOWN [39.23, -78.05], 1.9 SE BRUCETOWN [39.23, -78.05]				
	05/05/19 09:33 EST		0	Flood (due to Heavy Rain)
	05/05/19 11:33 EST		0	Source: Emergency Manager

Old Charles Town was closed near the Opequon Creek.

LOUDOUN COUNTY --- 1.6 ESE LEESBURG [39.11, -77.52], 1.7 ESE LEESBURG [39.11, -77.52], 1.7 ESE LEESBURG [39.11, -77.52], 1.6 ESE LEESBURG [39.11, -77.52]				
	05/05/19 13:12 EST		0	Flood (due to Heavy Rain)
	05/05/19 15:12 EST		0	Source: Department of Highways

VA-773 Edwards Ferry Road Northeast was closed due to flooding over Cattail Branch.

LOUDOUN COUNTY --- 1.2 NNE LEESBURG MUNI [39.10, -77.54], 1.2 NNE LEESBURG MUNI [39.10, -77.54], 1.1 NNE LEESBURG MUNI [39.09, -77.54], 1.2 NNE LEESBURG MUNI [39.10, -77.54]				
	05/05/19 17:42 EST		0	Flood (due to Heavy Rain)
	05/05/19 19:42 EST		0	Source: NWS Employee

Tuscarora Creek was out of its banks flowing over the Washington and Old Dominion Trail.

FAIRFAX COUNTY --- 0.3 NE LAKE BARCROFT [38.85, -77.20], 0.3 NNE LAKE BARCROFT [38.85, -77.20], 0.3 NE LAKE BARCROFT [38.85, -77.20], 0.3 NE LAKE BARCROFT [38.85, -77.20]				
	05/05/19 18:06 EST		0	Flood (due to Heavy Rain)
	05/05/19 20:06 EST		0	Source: Department of Highways

VA-649 Annandale Road was closed due to flooding over Holmes Run.

PRINCE WILLIAM COUNTY --- 1.1 NNW YORKSHIRE [38.80, -77.44], 1.1 NNW YORKSHIRE [38.80, -77.44], 0.2 N YORKSHIRE [38.78, -77.43], 0.4 W YORKSHIRE [38.78, -77.44]				
	05/05/19 20:28 EST		0	Flood (due to Heavy Rain)
	05/06/19 06:12 EST		0	Source: River/Stream Gage

The stream gauge on the Bull Run at Manassas Park exceeded the 12 foot flood stage during the indicated period. Water covered backyards in the Yorkshire area and flooded portions of the Bull Run trail system. The peak level of 13.55 feet occurred at 1:52 AM.

Low pressure tracked along a stalled boundary, passing through the area overnight on the 4th into the 5th. The lift associated with the low and the boundary combined with high amounts of moisture from the Atlantic Ocean and Gulf of Mexico, bringing heavy rain to the area. The rain led to several instances of flooding and even an isolated incident of flash flooding over Prince William County.

FAUQUIER COUNTY --- 1.3 WNW CAMP GOATTGE [38.58, -77.57]				
	05/18/19 17:35 EST		0	Thunderstorm Wind (EG 50 kt)
	05/18/19 17:35 EST		0	Source: Trained Spotter

An apple tree was uprooted by strong winds.

FAUQUIER COUNTY --- 0.5 W CAMP GOATTGE [38.57, -77.56]				
	05/18/19 17:43 EST		0	Thunderstorm Wind (EG 61 kt)
	05/18/19 17:43 EST		0	Source: State Official

Numerous trees were blown down along Brent Town Road between Courthouse Road and MCB3.

A weak warm front was located across central Maryland southward along the Potomac River during the afternoon hours of May 18th. Enough instability and wind shear was present for thunderstorms to develop near and along this boundary, and one became severe.

Storm Data and Unusual Weather Phenomena - May 2019

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
CLARKE COUNTY --- 3.2 NNE BERRYVILLE [39.19, -77.94]				
	05/23/19 13:26 EST		0	Thunderstorm Wind (EG 50 kt)
	05/23/19 13:26 EST		0	Source: State Official
A large tree was blown down blocking Clifton Road.				
CLARKE COUNTY --- 4.8 ESE BERRYVILLE [39.12, -77.89]				
	05/23/19 13:29 EST		0	Thunderstorm Wind (EG 50 kt)
	05/23/19 13:29 EST		0	Source: State Official
A large tree was blown down blocking River Road at Old Ferry Lane.				
WARREN COUNTY --- 1.4 N KARO [38.89, -78.25]				
	05/23/19 13:30 EST		0	Thunderstorm Wind (EG 50 kt)
	05/23/19 13:30 EST		0	Source: Trained Spotter
A large tree was blown down west of Front Royal.				
CLARKE COUNTY --- 5.3 ESE BERRYVILLE [39.12, -77.88]				
	05/23/19 13:31 EST		0	Thunderstorm Wind (EG 61 kt)
	05/23/19 13:31 EST		0	Source: State Official
A few trees were blown down along River Road.				
PAGE COUNTY --- 2.8 N SKYLAND [38.64, -78.37]				
	05/23/19 13:45 EST		0	Thunderstorm Wind (EG 50 kt)
	05/23/19 13:45 EST		0	Source: State Official
Several trees were blown down along Dry Run Road.				
LOUDOUN COUNTY --- 0.9 SE PURCELLVILLE [39.14, -77.71]				
	05/23/19 13:48 EST		0	Thunderstorm Wind (EG 61 kt)
	05/23/19 13:48 EST		0	Source: NWS Employee
Several trees were blown down near the Washington and Old Dominion Trail.				
FAUQUIER COUNTY --- 0.7 N THE PLAINS [38.86, -77.77]				
	05/23/19 13:56 EST		0	Thunderstorm Wind (EG 50 kt)
	05/23/19 13:56 EST		0	Source: State Official
Four trees were blown down in the northern part of Fauquier County near The Plains.				
RAPPAHANNOCK COUNTY --- 0.5 W VIEWTOWN [38.63, -78.06]				
	05/23/19 14:04 EST		0	Thunderstorm Wind (EG 50 kt)
	05/23/19 14:04 EST		0	Source: State Official
Multiple trees were reported down along Richmond Road, Aaron Mountain Road, Forest Grove Road, and Rudasill Mill Road.				
PRINCE WILLIAM COUNTY --- WOOLSEY [38.87, -77.63]				
	05/23/19 14:08 EST		0	Thunderstorm Wind (EG 61 kt)
	05/23/19 14:08 EST		0	Source: Emergency Manager
Several trees were blown down along Greenville Drive.				
PRINCE WILLIAM COUNTY --- 0.7 S HAYMARKET [38.81, -77.63]				
	05/23/19 14:10 EST		0	Thunderstorm Wind (EG 61 kt)
	05/23/19 14:10 EST		0	Source: Emergency Manager
Several trees were blown down near the intersection of Rogue Forest Lane and Red House Road.				
LOUDOUN COUNTY --- 0.7 S ARCOLA [38.94, -77.53]				

Storm Data and Unusual Weather Phenomena - May 2019

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	05/23/19 14:15 EST		0	Thunderstorm Wind (EG 61 kt)
	05/23/19 14:15 EST		0	Source: NWS Employee
Numerous trees and branches were blown down in the South Riding and Stone Ridge communities.				
<hr/>				
MADISON COUNTY --- 1.8 SW NOVUM [38.46, -78.20]				
	05/23/19 14:15 EST		0	Thunderstorm Wind (EG 50 kt)
	05/23/19 14:15 EST		0	Source: State Official
A tree was blown down on West Hoover Road.				
<hr/>				
MADISON COUNTY --- 1.8 WNW BRIGHTWOOD [38.43, -78.23]				
	05/23/19 14:15 EST		0	Thunderstorm Wind (EG 50 kt)
	05/23/19 14:15 EST		0	Source: State Official
A tree was blown down blocking one lane of traffic along Hebron Valley Road.				
<hr/>				
PRINCE WILLIAM COUNTY --- 2.1 N WELLINGTON [38.81, -77.55]				
	05/23/19 14:15 EST		0	Thunderstorm Wind (EG 61 kt)
	05/23/19 14:15 EST		0	Source: Emergency Manager
Several trees were blown down along Lee Highway at Featherbed Lane. Several trees were also blown down at the intersection of Sanders Lane and Sudley Road.				
<hr/>				
GREENE COUNTY --- MARCH [38.27, -78.53]				
	05/23/19 14:18 EST		0	Thunderstorm Wind (EG 50 kt)
	05/23/19 14:18 EST		0	Source: State Official
Two trees were blown down near Dyke and Amicus.				
<hr/>				
PRINCE WILLIAM COUNTY --- 0.7 N WEST GATE OF LOMOND [38.78, -77.50]				
	05/23/19 14:19 EST		0	Thunderstorm Wind (EG 50 kt)
	05/23/19 14:19 EST		0	Source: Emergency Manager
Several trees were blown down along Ashland Avenue.				
<hr/>				
FAIRFAX COUNTY --- 0.9 NW CHANTILLY [38.91, -77.44]				
	05/23/19 14:24 EST		0	Thunderstorm Wind (EG 70 kt)
	05/23/19 14:24 EST		0	Source: Public
Metal panels were blown off the roof of the Udvar-Hazy Center.				
<hr/>				
FAIRFAX COUNTY --- LEGATO [38.85, -77.37]				
	05/23/19 14:24 EST		0	Thunderstorm Wind (EG 61 kt)
	05/23/19 14:24 EST		0	Source: Law Enforcement
Several trees and power poles were blown down near Alliance Drive and West Ox Road. Tree damage was also reported along Walney Road.				
<hr/>				
FAIRFAX COUNTY --- 1.6 E LEGATO [38.85, -77.34]				
	05/23/19 14:25 EST		0	Thunderstorm Wind (EG 61 kt)
	05/23/19 14:25 EST		0	Source: Law Enforcement
A tree was blown down near Franklin Farm Road near Tranquility Lane. A few trees were blown down on Middle Ridge Road at Mount Royal Lane. Several trees and power poles were also blown down near Shirley Gate Road and Lee Highway.				
<hr/>				
FAIRFAX COUNTY --- 1.6 E LEGATO [38.85, -77.34]				
	05/23/19 14:27 EST		0	Thunderstorm Wind (EG 61 kt)
	05/23/19 14:27 EST		0	Source: Law Enforcement
A few trees were blown down on Shirley Gate Court at Shirley Gate Road.				
<hr/>				
GREENE COUNTY --- 2.1 NNE RUCKERSVILLE [38.26, -78.36]				

Storm Data and Unusual Weather Phenomena - May 2019

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	05/23/19 14:28 EST		0	Thunderstorm Wind (EG 50 kt)
	05/23/19 14:28 EST		0	Source: State Official
A tree was blown down near the intersection of US-29 and Dairy Road.				
FAIRFAX COUNTY --- 0.7 N OAKTON [38.89, -77.30]				
	05/23/19 14:29 EST		0	Thunderstorm Wind (EG 70 kt)
	05/23/19 14:29 EST		0	Source: Trained Spotter
A few trees were blown down on Bushman Drive and Valentino Drive. Multiple trees were snapped off behind a residence on Hill Road. Numerous trees were also reported blown down in Clearfield and Oakledge.				
FAIRFAX COUNTY --- 1.4 N OAKTON [38.90, -77.30]				
	05/23/19 14:29 EST		0	Thunderstorm Wind (EG 61 kt)
	05/23/19 14:29 EST		0	Source: Law Enforcement
Several trees and power poles were blown down near the intersection of Vale Road and Hunter Mill Road.				
FAIRFAX COUNTY --- 1.5 SSW OAKTON [38.86, -77.31]				
	05/23/19 14:30 EST		0	Thunderstorm Wind (EG 50 kt)
	05/23/19 14:30 EST		0	Source: County Official
Several trees were blown down on Chain Bridge Road near Warwick Avenue and Stafford Drive near Ranger Road.				
MADISON COUNTY --- 0.7 N LOCUST DALE [38.34, -78.13]				
	05/23/19 14:30 EST		0	Thunderstorm Wind (EG 50 kt)
	05/23/19 14:30 EST		0	Source: State Official
Two trees were blown down in the vicinity of US-15 and Oak Park Road.				
FAIRFAX COUNTY --- 1.1 W TREMONT [38.85, -77.24]				
	05/23/19 14:32 EST		0	Thunderstorm Wind (EG 61 kt)
	05/23/19 14:32 EST		0	Source: Law Enforcement
Several trees and power poles were blown down near the intersection of Woodhill Place and Morningside Drive.				
FAIRFAX COUNTY --- 0.5 E MERRIFIELD [38.87, -77.22]				
	05/23/19 14:33 EST		0	Thunderstorm Wind (EG 61 kt)
	05/23/19 14:33 EST		0	Source: Trained Spotter
A tree was uprooted and many large branches were snapped.				
MADISON COUNTY --- 0.9 SW UNO [38.26, -78.24]				
	05/23/19 14:33 EST		0	Thunderstorm Wind (EG 50 kt)
	05/23/19 14:33 EST		0	Source: State Official
A tree was blown down on the Old Blue Ridge Turnpike.				
FAIRFAX COUNTY --- 0.7 N RAVENWOOD [38.88, -77.18]				
	05/23/19 14:35 EST		0	Thunderstorm Wind (EG 78 kt)
	05/23/19 14:35 EST		0	Source: Trained Spotter
A large tree was blown down along Summerfield Road blocking traffic. Numerous trees and power poles were also snapped in the vicinity of Woodley Place.				
FAIRFAX COUNTY --- RAVENWOOD [38.87, -77.18]				
	05/23/19 14:35 EST		0	Thunderstorm Wind (EG 70 kt)
	05/23/19 14:35 EST		0	Source: Law Enforcement
Several trees and wires were blown down near the intersection of Jackson Avenue and Summerfield Road.				
PRINCE WILLIAM COUNTY --- 0.5 W INDEPENDENT HILL [38.63, -77.44]				

Storm Data and Unusual Weather Phenomena - May 2019

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	05/23/19 14:35 EST		0	Thunderstorm Wind (EG 50 kt)
	05/23/19 14:35 EST		0	Source: Broadcast Media

Several trees were blown down onto roads near Joplin Road and Aden Road near Independent Hill.

FAIRFAX COUNTY --- 1.8 SW FAIRFAX PARK [38.75, -77.27]				
	05/23/19 14:36 EST		0	Thunderstorm Wind (EG 61 kt)
	05/23/19 14:36 EST		0	Source: Law Enforcement

Several trees and power poles were blown down near the intersection of Huntsman Boulevard and Sydenstricker Road, as well as with Beachway Lane. Several additional trees and power poles were also blown down near the intersection of the Fairfax County Parkway and Huntsman Boulevard.

CULPEPER COUNTY --- 0.7 S RAPIDAN [38.31, -78.07]				
	05/23/19 14:37 EST		0	Thunderstorm Wind (EG 50 kt)
	05/23/19 14:37 EST		0	Source: State Official

Three trees were blown down in the Rapidan area.

FAIRFAX COUNTY --- CULMORE [38.87, -77.17]				
	05/23/19 14:37 EST		0	Thunderstorm Wind (EG 78 kt)
	05/23/19 14:37 EST		0	Source: Law Enforcement

Several trees and power poles were blown down near the intersection of Cedarwood Lane and Spring Terrace. Several trees and power poles were also blown down near the intersection of Arlington Boulevard and Aspen Lane. Several trees and power poles were blown down near the intersection of Carlin Spring Road and Columbia Pike.

FAUQUIER COUNTY --- 0.5 W SOMERVILLE [38.52, -77.61]				
	05/23/19 14:40 EST		0	Thunderstorm Wind (EG 50 kt)
	05/23/19 14:40 EST		0	Source: State Official

Three trees were blown down in the southern part of Fauquier County.

ARLINGTON COUNTY --- 0.5 W ARLINGTON [38.88, -77.14]				
	05/23/19 14:42 EST		0	Thunderstorm Wind (EG 70 kt)
	05/23/19 14:42 EST		0	Source: Broadcast Media

A tree was blown down onto a car at the intersection of North Kennebec Street and 11th Road.

ARLINGTON COUNTY --- 1.5 SSE SOUTH WASHINGTON [38.85, -77.04]				
	05/23/19 14:45 EST		0	Thunderstorm Wind (MG 59 kt)
	05/23/19 14:45 EST		0	Source: ASOS

A wind gust of 59 knots (68 mph) was measured at Washington National Airport.

STAFFORD COUNTY --- 0.9 NE GARRISONVILLE [38.48, -77.41]				
	05/23/19 14:55 EST		0	Thunderstorm Wind (EG 61 kt)
	05/23/19 14:55 EST		0	Source: Local Official

Six trees were blown down in the Aquia Harbour community.

STAFFORD COUNTY --- 1.3 WSW WIDEWATER [38.46, -77.35]				
	05/23/19 15:00 EST		0	Thunderstorm Wind (EG 50 kt)
	05/23/19 15:00 EST		0	Source: Local Official

Several trees and power lines were blown down on Decatur Road between Aquia Harbour and Widewater.

KING GEORGE COUNTY --- 0.5 E AMBAR [38.32, -77.17]				
	05/23/19 15:18 EST		0	Thunderstorm Wind (EG 50 kt)
	05/23/19 15:18 EST		0	Source: State Official

A tree was blown down near the intersection of Indiantown and Caledon Roads.

Storm Data and Unusual Weather Phenomena - May 2019

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
KING GEORGE COUNTY --- 0.9 SE HOOES [38.34, -77.06]				
	05/23/19 15:21 EST	0		Thunderstorm Wind (EG 50 kt)
	05/23/19 15:21 EST	0		Source: State Official
A tree was blown down near the fire station near Dahlgren.				
<p>A warm front crossed the region during the morning hours of May 23rd, placing the area in the warm sector by the afternoon hours. At the same time, surface low pressure tracked across the northern Great Lakes, with an attendant cold front moving into the Ohio Valley by the evening. A mesoscale convective system (MCS) was ongoing during the morning hours and moved eastward and into the region during the afternoon hours. Out ahead of the MCS, moisture and warmth increased with moderate instability developing. Aloft, wind shear increased throughout the day and became quite substantial by the late afternoon. The MCS entered Virginia by the mid afternoon hours and intensified into a linear feature that produced damaging winds before exiting during the evening.</p>				
ROCKINGHAM COUNTY --- 0.9 SW MT CRAWFORD [38.36, -78.94]				
	05/25/19 15:00 EST	0		Thunderstorm Wind (EG 50 kt)
	05/25/19 15:00 EST	0		Source: State Official
A tree was blown down on East Pemberton Street.				
ROCKINGHAM COUNTY --- 0.5 E CROSS KEYS [38.35, -78.84]				
	05/25/19 15:08 EST	0		Hail (1.75 in)
	05/25/19 15:08 EST	0		Source: Broadcast Media
Golf ball-sized hail (1.75 inch in diameter) was reported.				
ROCKINGHAM COUNTY --- 1.1 E PINEVILLE [38.35, -78.78]				
	05/25/19 15:13 EST	0		Hail (0.88 in)
	05/25/19 15:13 EST	0		Source: Broadcast Media
Nickel-sized hail (0.88 inch in diameter) was reported.				
ROCKINGHAM COUNTY --- 0.5 E PORT REPUBLIC [38.30, -78.81]				
	05/25/19 15:18 EST	0		Hail (1.75 in)
	05/25/19 15:18 EST	0		Source: Broadcast Media
Golf ball-sized hail (1.75 inch in diameter) was reported.				
SHENANDOAH COUNTY --- 0.7 S CAPON RD [38.99, -78.37]				
	05/25/19 16:38 EST	0		Thunderstorm Wind (EG 50 kt)
	05/25/19 16:38 EST	0		Source: State Official
A tree was blown down on the 600 block of Ash Street.				
SHENANDOAH COUNTY --- 1.1 E HARRISVILLE [38.95, -78.43]				
	05/25/19 16:40 EST	0		Thunderstorm Wind (EG 50 kt)
	05/25/19 16:40 EST	0		Source: State Official
A tree was blown down on Roberts Road.				
WARREN COUNTY --- 1.1 W KARO [38.87, -78.27]				
	05/25/19 16:54 EST	0		Thunderstorm Wind (EG 50 kt)
	05/25/19 16:54 EST	0		Source: State Official
A tree was blown down on Windy Pines Road.				
FAUQUIER COUNTY --- 1.1 W WARRENTON [38.72, -77.80]				
	05/25/19 18:03 EST	0		Thunderstorm Wind (EG 61 kt)
	05/25/19 18:03 EST	0		Source: Emergency Manager
Multiple trees were blown down on Waterloo Road in Warrenton. A tree was blown down on Broadview Avenue. Tree, power line, and telephone pole damage was reported within Warrenton town limits.				

Storm Data and Unusual Weather Phenomena - May 2019

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
CULPEPER COUNTY --- 4.9 N JEFFERSONTON [38.70, -77.91]				
	05/25/19 18:22 EST		0	Thunderstorm Wind (EG 50 kt)
	05/25/19 18:22 EST		0	Source: State Official
A tree was blown down on Waterloo Road near Old Bridge Road. A tree was also reported down on Lee Highway near Rixeyville Road.				
STAFFORD COUNTY --- 0.9 NW GLENDIA [38.41, -77.54]				
	05/25/19 19:11 EST		0	Thunderstorm Wind (EG 61 kt)
	05/25/19 19:11 EST		0	Source: State Official
Several trees were reported blown down on Burke Drive.				
STAFFORD COUNTY --- 1.1 E ROSEVILLE [38.47, -77.50]				
	05/25/19 19:11 EST		0	Thunderstorm Wind (EG 50 kt)
	05/25/19 19:11 EST		0	Source: State Official
A tree was blown down near the intersection of Mountain View Road and Tree Haven Lane.				
STAFFORD COUNTY --- 1.8 NW MOUNTAIN VIEW [38.49, -77.49]				
	05/25/19 19:12 EST		0	Thunderstorm Wind (EG 61 kt)
	05/25/19 19:12 EST		0	Source: State Official
Multiple trees were blown down on Garrisonville Road.				
STAFFORD COUNTY --- 3.5 S MOUNTAIN VIEW [38.42, -77.47]				
	05/25/19 19:16 EST		0	Thunderstorm Wind (EG 61 kt)
	05/25/19 19:16 EST		0	Source: State Official
Multiple trees were blown down along Ramon Church Road.				
STAFFORD COUNTY --- 1.1 W MOUNTAIN VIEW [38.47, -77.49]				
	05/25/19 19:20 EST		0	Hail (0.75 in)
	05/25/19 19:20 EST		0	Source: Trained Spotter
Penny-sized hail (0.75 inch in diameter) was reported.				
STAFFORD COUNTY --- 1.3 WNW BROOKE [38.39, -77.44]				
	05/25/19 19:20 EST		0	Thunderstorm Wind (EG 50 kt)
	05/25/19 19:20 EST		0	Source: Trained Spotter
A tree was blown down on the 1200 block of Jefferson Davis Highway.				
STAFFORD COUNTY --- 0.5 E MOUNTAIN VIEW [38.47, -77.46]				
	05/25/19 19:21 EST		0	Hail (1.00 in)
	05/25/19 19:21 EST		0	Source: Trained Spotter
Quarter-sized hail (1.0 inch in diameter) was reported.				
STAFFORD COUNTY --- 0.9 SE GARRISONVILLE [38.46, -77.41]				
	05/25/19 19:24 EST		0	Hail (0.88 in)
	05/25/19 19:24 EST		0	Source: Trained Spotter
Nickel-sized hail (0.88 inch in diameter) was reported.				
GREENE COUNTY --- 3.0 SSW RUCKERSVILLE [38.19, -78.39]				
	05/25/19 19:25 EST		0	Thunderstorm Wind (EG 61 kt)
	05/25/19 19:25 EST		0	Source: Trained Spotter
Multiple trees and power lines were blown down along Preddy Creek Road, including one onto a house and one onto a vehicle. A tree was also blown down onto a house on Judo Drive.				

Storm Data and Unusual Weather Phenomena - May 2019

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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A warm front slowly moved northeastward through southwestern and central Virginia during the day of May 25th, reaching northern Virginia and the Washington Metropolitan area during the night of May 25th into the 26th. Near and south and west of this frontal boundary instability developed during the afternoon of the 25th which led to the development of showers and thunderstorms during the afternoon and evening hours, some of which became severe.

ALBEMARLE COUNTY --- 2.1 S STONY PT [38.09, -78.38]

05/26/19 13:50 EST		0		Thunderstorm Wind (EG 50 kt)
05/26/19 13:50 EST		0		Source: State Official

A tree was blown down on the 2000 block of Hawkshill Lane. A tree was also blown down on the 3400 block of Stony Point Road.

ALBEMARLE COUNTY --- 0.9 NE KESWICK [38.03, -78.36]

05/26/19 14:02 EST		0		Thunderstorm Wind (EG 50 kt)
05/26/19 14:02 EST		0		Source: State Official

A tree was blown down on Louisa Road near Black Cat Road.

SPOTSYLVANIA COUNTY --- 2.3 SSW SNELL [38.12, -77.62]

05/26/19 14:33 EST		0		Thunderstorm Wind (EG 50 kt)
05/26/19 14:33 EST		0		Source: State Official

A tree was blown down in the 5900 block of Partlow Road.

SPOTSYLVANIA COUNTY --- 1.5 SSW GATEWOOD [38.06, -77.68]

05/26/19 14:40 EST		0		Thunderstorm Wind (EG 50 kt)
05/26/19 14:40 EST		0		Source: State Official

A tree was blown down in the 10000 block of Wallers Road near Partlow.

ALBEMARLE COUNTY --- 0.6 E KEENE [37.87, -78.56]

05/26/19 16:20 EST		0		Thunderstorm Wind (EG 50 kt)
05/26/19 16:20 EST		0		Source: Broadcast Media

A tree was blown down on power lines on Route 20 just north of Keene.

A warm front moved through the area during the early morning hours of May 26th, placing the region in the warm sector. This allowed for a hot and humid air mass to overspread the region during the afternoon, leading to significant levels of instability. Modest but sufficient wind shear was also present as an upper level disturbance approached the region from the west. This combination of factors led to the development of showers and thunderstorms, some of which became severe.

FAUQUIER COUNTY --- 2.1 NE BELVOIR [38.89, -77.79]

05/30/19 13:35 EST		0		Thunderstorm Wind (EG 50 kt)
05/30/19 13:35 EST		0		Source: State Official

A tree was blown down on power-lines on the 3500 block of Milestone Road.

FAUQUIER COUNTY --- 0.7 N THE PLAINS [38.86, -77.77]

05/30/19 13:37 EST		0		Thunderstorm Wind (EG 50 kt)
05/30/19 13:37 EST		0		Source: State Official

A tree was blown down onto power-lines on the 4200 block of Mosby Street. A tree was also blown down onto power-lines on the 6200 block of Lee Street.

PRINCE WILLIAM COUNTY --- 0.5 W GAINESVILLE [38.80, -77.61]

05/30/19 13:54 EST		0		Thunderstorm Wind (MG 62 kt)
05/30/19 13:54 EST		0		Source: Public

A wind gust to 71 mph (62 knots) was measured near Gainesville.

PRINCE WILLIAM COUNTY --- 2.1 N WELLINGTON [38.81, -77.55]

05/30/19 13:58 EST		0		Thunderstorm Wind (EG 50 kt)
05/30/19 13:58 EST		0		Source: Emergency Manager

Storm Data and Unusual Weather Phenomena - May 2019

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
A tree was blown down near the intersection of Groveton Road and General Longstreet Line.				
CULPEPER COUNTY --- 1.5 SSW CULPEPER [38.46, -78.01]				
	05/30/19 14:01 EST		0	Thunderstorm Wind (EG 50 kt)
	05/30/19 14:01 EST		0	Source: State Official
A tree was blown down onto power-lines near Country Club Road and Stonybrook Lane.				
MANASSAS (C) COUNTY --- 0.5 W MANASSAS [38.75, -77.49]				
	05/30/19 14:09 EST		0	Thunderstorm Wind (EG 50 kt)
	05/30/19 14:09 EST		0	Source: Emergency Manager
A tree was blown down on the 7800 block of Wall Street.				
FAIRFAX COUNTY --- 1.8 SE CLIFTON [38.76, -77.36]				
	05/30/19 14:17 EST		0	Thunderstorm Wind (EG 50 kt)
	05/30/19 14:17 EST		0	Source: State Official
Multiple trees were blown down along Clifton Road.				
FAIRFAX COUNTY --- 1.5 SSW NORTH SPRINGFIELD [38.78, -77.21]				
	05/30/19 14:27 EST		0	Thunderstorm Wind (EG 50 kt)
	05/30/19 14:27 EST		0	Source: State Official
A tree was blown down on Glenister Road.				
FAIRFAX COUNTY --- 0.5 E DAVISON AAF [38.72, -77.16]				
	05/30/19 14:36 EST		0	Thunderstorm Wind (EG 61 kt)
	05/30/19 14:36 EST		0	Source: Trained Spotter
Several trees were blown down near the intersection of John J Kingman Road and Gunston Road.				
FAIRFAX COUNTY --- 0.7 N ACCOTINK [38.71, -77.18]				
	05/30/19 14:36 EST		0	Thunderstorm Wind (MG 57 kt)
	05/30/19 14:36 EST		0	Source: AWOS
A wind gust to 57 knots (66 mph) was measured at Davison Army Airfield (KDAA).				
FAIRFAX COUNTY --- 1.8 ESE ENGLSIDE [38.72, -77.12]				
	05/30/19 14:39 EST		0	Thunderstorm Wind (EG 50 kt)
	05/30/19 14:39 EST		0	Source: State Official
A tree was blown down at Lukens Lane and Old Mill Road. Another tree was blown down at the intersection of Pole Road and Carlwood Road.				
PRINCE WILLIAM COUNTY --- 0.5 W FEATHERSTONE [38.63, -77.26]				
	05/30/19 14:48 EST		0	Thunderstorm Wind (EG 50 kt)
	05/30/19 14:48 EST		0	Source: Emergency Manager
A tree was blown down onto a house on the 15000 block of Illinois Road. A tree was also blown down onto a house on the 14000 block of Pratt Street. Another tree was blown down on the 1700 block of Featherstone Road.				
PRINCE WILLIAM COUNTY --- 0.9 SE DUMFRIES [38.56, -77.32]				
	05/30/19 14:48 EST		0	Thunderstorm Wind (EG 50 kt)
	05/30/19 14:48 EST		0	Source: Emergency Manager
A tree was blown down on Wharf Road near Olde Port Lane.				
ROCKINGHAM COUNTY --- 2.1 SSW MT CRAWFORD [38.34, -78.94]				
	05/30/19 16:35 EST		0	Thunderstorm Wind (EG 61 kt)
	05/30/19 16:35 EST		0	Source: Broadcast Media
A barn was destroyed by strong winds off of Route 11 in Crawford. Multiple trees were also blown down near Airport Road and Kiser Road.				

Storm Data and Unusual Weather Phenomena - May 2019

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
ROCKINGHAM COUNTY --- 1.3 ESE PINEVILLE [38.34, -78.78]				
	05/30/19 16:48 EST		0	Thunderstorm Wind (EG 70 kt)
	05/30/19 16:48 EST		0	Source: Broadcast Media
Multiple trees were blown down. Metal roofing was peeled back on a house and a porch was damaged.				
GREENE COUNTY --- 1.3 ESE LYDIA [38.32, -78.48]				
	05/30/19 17:14 EST		0	Thunderstorm Wind (EG 50 kt)
	05/30/19 17:14 EST		0	Source: State Official
A tree was blown down near the intersection of Spotswood Trail and Powell Mountain Road.				
MADISON COUNTY --- 0.7 S UNO [38.26, -78.23]				
	05/30/19 17:39 EST		0	Thunderstorm Wind (EG 61 kt)
	05/30/19 17:39 EST		0	Source: State Official
Multiple trees were blown down along South Blue Ridge Turnpike near Uno.				
ORANGE COUNTY --- 1.6 E ORANGE [38.25, -78.09]				
	05/30/19 17:50 EST		0	Hail (1.25 in)
	05/30/19 17:50 EST		0	Source: Trained Spotter
Half dollar-sized hail (1.25 inch in diameter) was reported.				
ORANGE COUNTY --- 1.8 NW ORANGE CO ARPT [38.27, -78.07]				
	05/30/19 17:50 EST		0	Thunderstorm Wind (EG 50 kt)
	05/30/19 17:50 EST		0	Source: State Official
A tree was blown down near the intersection of Homewood Drive and Rapidan Road.				
ORANGE COUNTY --- 0.5 E ORANGE CO ARPT [38.25, -78.04]				
	05/30/19 17:54 EST		0	Hail (1.75 in)
	05/30/19 17:54 EST		0	Source: Law Enforcement
Golf ball-sized hail (1.75 inch in diameter) was reported.				
ORANGE COUNTY --- 0.9 SW EVERONA [38.29, -77.98]				
	05/30/19 18:00 EST		0	Thunderstorm Wind (EG 50 kt)
	05/30/19 18:00 EST		0	Source: State Official
A tree was blown down on Hawfield Road.				
ORANGE COUNTY --- 0.9 NE TATUM [38.23, -77.89]				
	05/30/19 18:09 EST		0	Hail (1.00 in)
	05/30/19 18:09 EST		0	Source: Trained Spotter
Quarter-sized hail (1.0 inch in diameter) was reported.				
ORANGE COUNTY --- 0.7 S MINE RUN [38.24, -77.83]				
	05/30/19 18:10 EST		0	Thunderstorm Wind (EG 70 kt)
	05/30/19 18:10 EST		0	Source: State Official
Dozens of trees were blown down near Price Road and Lake Country Lane.				
SPOTSYLVANIA COUNTY --- 0.5 W SPOTSYLVANIA [38.20, -77.59]				
	05/30/19 18:30 EST		0	Thunderstorm Wind (EG 50 kt)
	05/30/19 18:30 EST		0	Source: Trained Spotter
A tree was blown down at the intersection of General Drive and Cooper Street.				
SPOTSYLVANIA COUNTY --- 2.1 N MASSAPONAX [38.21, -77.50]				

Storm Data and Unusual Weather Phenomena - May 2019

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	05/30/19 18:39 EST		0	Thunderstorm Wind (EG 50 kt)
	05/30/19 18:39 EST		0	Source: Emergency Manager

Trees were blown down blocking two lanes of Interstate 95 around mile marker 124.

SPOTSYLVANIA COUNTY --- 1.6 W PARKER [38.27, -77.78]

05/30/19 19:10 EST	0	Hail (1.00 in)
05/30/19 19:10 EST	0	Source: Public

Quarter-sized hail (1.0 inch in diameter) was reported.

On the morning of May 30th a surface front was positioned across Pennsylvania, with a surface low positioned west of Chicago, Illinois. Through the day the surface low moved eastward along the frontal boundary, reaching western Pennsylvania by late in the afternoon. The low then quickly pushed eastward off the NJ coastline by late in the evening, with a cold front crossing the region. In addition, two disturbances aloft moved across the area, one during the mid to late afternoon hours, and another in the evening. Out ahead of the front, warmth and humidity allowed for the development of moderate instability and that coupled with moderate wind shear aloft set the stage for two rounds of scattered showers and thunderstorms, some of which became severe.

ALBEMARLE COUNTY --- 0.5 W RED HILL [37.97, -78.63]

05/31/19 17:09 EST	0	Thunderstorm Wind (EG 50 kt)
05/31/19 17:09 EST	0	Source: State Official

Multiple trees were blown down blocking the southbound lanes in the 3000 block of Monacan Trail Road (US 29).

ALBEMARLE COUNTY --- 3.0 SE FARMINGTON [38.02, -78.51]

05/31/19 17:13 EST	0	Thunderstorm Wind (EG 50 kt)
05/31/19 17:13 EST	0	Source: Broadcast Media

A tree was blown down onto a house near the intersection of Cherry Avenue and Crestmont Avenue.

GREENE COUNTY --- 0.9 NW LYDIA [38.34, -78.51]

05/31/19 17:45 EST	0	Thunderstorm Wind (EG 50 kt)
05/31/19 17:45 EST	0	Source: State Official

Multiple trees were blown down across Greene County.

GREENE COUNTY --- RUCKERSVILLE [38.23, -78.37]

05/31/19 17:50 EST	0	Thunderstorm Wind (EG 50 kt)
05/31/19 17:50 EST	0	Source: Broadcast Media

A tree was blown down across US 29.

An upper level disturbance was located near southern Indiana on the morning of May 31st. This deepened and moved into eastern West Virginia and western Virginia by the evening hours. This in combination with a southward moving frontal boundary led to the formation of scattered showers and thunderstorms across central Virginia. Moderate amounts of wind shear and instability led a couple of these to become severe.

ALBEMARLE COUNTY --- 1.4 N WOODRIDGE [37.92, -78.45], 1.7 N WOODRIDGE [37.92, -78.45], 1.8 N WOODRIDGE [37.93, -78.45], 1.4 NNE WOODRIDGE [37.92, -78.44]

05/31/19 19:02 EST	0	Flood (due to Heavy Rain)
05/31/19 21:02 EST	0	Source: 911 Call Center

Flooding was reported in the 4100 Block of Rolling Road.

An isolated flooding incident occurred from locally heavy rain in central Virginia.

WEST VIRGINIA, East

(WV-Z051) MORGAN, (WV-Z052) BERKELEY, (WV-Z053) JEFFERSON

Storm Data and Unusual Weather Phenomena - May 2019

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	05/02/19 03:30 EST		0	Dense Fog
	05/02/19 07:55 EST		0	

Warm, moist air aloft overrunning cooler surface air combined with lingering low level moisture to produce low clouds and widespread dense fog across portions of the region.

BERKELEY COUNTY --- 0.9 SW DARKESVILLE [39.36, -78.04]

05/03/19 18:38 EST	0	Hail (1.00 in)
05/03/19 18:38 EST	0	Source: Trained Spotter

Quarter-sized hail (1.0 inch in diameter) was reported.

BERKELEY COUNTY --- 2.1 S (MRB)SHEPHERD FLD MR [39.37, -77.98]

05/03/19 18:44 EST	0	Hail (1.00 in)
05/03/19 18:44 EST	0	Source: Trained Spotter

Quarter-sized hail (1.0 inch in diameter) was reported.

BERKELEY COUNTY --- 2.1 SE (MRB)SHEPHERD FLD MR [39.38, -77.95]

05/03/19 18:51 EST	0	Hail (1.00 in)
05/03/19 18:51 EST	0	Source: Trained Spotter

Quarter-sized hail (1.0 inch in diameter) was reported.

BERKELEY COUNTY --- 3.0 SSW VANCLEVESVILLE [39.39, -77.92]

05/03/19 19:10 EST	0	Hail (0.75 in)
05/03/19 19:10 EST	0	Source: Trained Spotter

Penny-sized hail (0.75 inch in diameter) was reported.

A stationary front was positioned across the eastern West Virginia panhandle southeastward through southern and central Virginia through the day on May 3rd. Showers and thunderstorms developed along and south of this boundary and across the terrain during the afternoon and evening hours. Enough instability and wind shear was present for one of these thunderstorms to become severe.

BERKELEY COUNTY --- 0.9 SW INWOOD [39.34, -78.06], 1.0 NW BUNKER HILL [39.34, -78.06], 0.8 NW BUNKER HILL [39.34, -78.06], 0.8 SW INWOOD [39.34, -78.06]

05/05/19 09:42 EST	0	Flood (due to Heavy Rain)
05/05/19 11:42 EST	0	Source: 911 Call Center

Henshaw Road was closed at Mill Creek due to flooding.

BERKELEY COUNTY --- 0.9 SW INWOOD [39.34, -78.06], 1.0 NW BUNKER HILL [39.34, -78.06], 0.9 NW BUNKER HILL [39.34, -78.06], 0.9 SW INWOOD [39.34, -78.06]

05/05/19 09:43 EST	0	Flood (due to Heavy Rain)
05/05/19 17:00 EST	0	Source: River/Stream Gage

The stream gauge on Mill Creek at Bunker Hill rose above minor flood stage. At this stage, Henshaw Road floods near I-81.

BERKELEY COUNTY --- 2.0 SSW BLAIRTON [39.43, -77.94], 2.0 SSW BLAIRTON [39.42, -77.94], 2.0 SSW BLAIRTON [39.43, -77.94], 2.0 SSW BLAIRTON [39.43, -77.94]

05/05/19 09:50 EST	0	Flood (due to Heavy Rain)
05/05/19 11:50 EST	0	Source: 911 Call Center

Douglas Grove Road was closed due to high water around Evans Run.

BERKELEY COUNTY --- 0.4 WSW BLAIRTON [39.45, -77.93], 1.8 NE (MRB)SHEPHERD FLD MR [39.41, -77.95], 2.0 SW VANCLEVESVILLE [39.41, -77.93], 0.8 SE BLAIRTON [39.44, -77.91]

05/05/19 11:23 EST	0	Flood (due to Heavy Rain)
05/05/19 18:26 EST	0	Source: River/Stream Gage

The stream gauge on the Opequon Creek at Martinsburg reached moderate flood stage. At this level, the creek is well out of its banks with lowlands nearby flooded. Golf Course Road is flooded near the Van Metre Ford Pedestrian Bridge. Fields and back yards are flooded nearby.

Storm Data and Unusual Weather Phenomena - May 2019

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
JEFFERSON COUNTY --- 1.9 NNW UVILLA [39.40, -77.81], 1.9 NNW UVILLA [39.40, -77.81], 2.0 NNW UVILLA [39.40, -77.81], 1.9 NNW UVILLA [39.40, -77.81]				
	05/05/19 11:29 EST		0	Flood (due to Heavy Rain)
	05/05/19 13:29 EST		0	Source: Emergency Manager

Flowing Springs Road was closed at Rattlesnake Run.

JEFFERSON COUNTY --- 0.2 N LEETOWN [39.35, -77.93], 0.2 NNE LEETOWN [39.35, -77.93], 0.0 NNW LEETOWN [39.35, -77.93], 0.1 WNW LEETOWN [39.35, -77.93]				
	05/05/19 11:33 EST		0	Flood (due to Heavy Rain)
	05/05/19 13:33 EST		0	Source: Emergency Manager

The 1400 Block of Leetown Road was closed at Hopewell Run due to high water.

JEFFERSON COUNTY --- 2.0 SE ALDRIDGE [39.30, -77.90], 2.0 SE ALDRIDGE [39.30, -77.90], 2.0 SSE ALDRIDGE [39.30, -77.90], 1.9 SSE ALDRIDGE [39.30, -77.90]				
	05/05/19 11:40 EST		0	Flood (due to Heavy Rain)
	05/05/19 13:40 EST		0	Source: Emergency Manager

The 8300 Block of Middleway Pike was closed at Evitts Run due high water.

JEFFERSON COUNTY --- 1.4 ESE MT PLEASANT [39.24, -77.93], 1.3 ESE MT PLEASANT [39.24, -77.93], 1.4 ESE MT PLEASANT [39.24, -77.92], 1.5 ESE MT PLEASANT [39.24, -77.92]				
	05/05/19 17:10 EST		0	Flood (due to Heavy Rain)
	05/05/19 19:10 EST		0	Source: 911 Call Center

Lloyd Road was closed due to flooding of Bullskin Run.

BERKELEY COUNTY --- 2.8 SE (MRB)SHEPHERD FLD MR [39.37, -77.94], 2.8 SE (MRB)SHEPHERD FLD MR [39.37, -77.94], 2.9 SE (MRB)SHEPHERD FLD MR [39.37, -77.94], 2.9 SE (MRB)SHEPHERD FLD MR [39.37, -77.94]				
	05/05/19 19:30 EST		0	Flood (due to Heavy Rain)
	05/05/19 21:30 EST		0	Source: 911 Call Center

A vehicle rescue occurred along the 1400 Block of Bowers Road in Jefferson County.

JEFFERSON COUNTY --- 2.1 NNW LEETOWN [39.38, -77.94], 2.1 NNW LEETOWN [39.38, -77.94], 2.2 NNW LEETOWN [39.38, -77.94], 2.1 NNW LEETOWN [39.38, -77.94]				
	05/05/19 19:52 EST		0	Flood (due to Heavy Rain)
	05/05/19 21:52 EST		0	Source: 911 Call Center

A vehicle rescue occurred due to high water near Paynes Ford Road and Meadow Bluff Lane.

BERKELEY COUNTY --- 1.7 SE TOMAHAWK [39.52, -78.02], 1.8 S TOMAHAWK [39.50, -78.05], 0.6 SSW TOMAHAWK [39.52, -78.05], 0.9 ESE TOMAHAWK [39.53, -78.03]				
	05/05/19 23:10 EST		0	Flood (due to Heavy Rain)
	05/06/19 09:35 EST		0	Source: River/Stream Gage

The stream gauge on Back Creek at Jones Springs exceeded the 11 foot flood stage during the indicated period. Dry Run Road, Daisy Lane and pastureland near the creek were flooded. The peak level of 11.63 feet occurred at 6:00 AM on May 6th.

Low pressure tracked along a stalled boundary, passing through the area overnight on the 4th into the 5th. The lift associated with the low and the boundary combined with high amounts of moisture from the Atlantic Ocean and Gulf of Mexico, bringing heavy rain to the area. The rain led to several instances of flooding.