

Storm Data and Unusual Weather Phenomena - August 2019

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
ATLANTIC NORTH				
TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- POTOMAC LIGHT 33 (LT3) [38.34, -76.99]				
	08/01/19 18:03 EST	0		Marine Thunderstorm Wind (MG 34 kt)
	08/01/19 18:08 EST	0		Source: Buoy
TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- COBB POINT (COB) [38.24, -76.83]				
	08/02/19 02:47 EST	0		Marine Thunderstorm Wind (MG 35 kt)
	08/02/19 02:52 EST	0		Source: Buoy
TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- 0.9 W POTOMAC LIGHT 33 (LT3) [38.34, -77.01]				
	08/02/19 02:49 EST	0		Marine Thunderstorm Wind (MG 39 kt)
	08/02/19 02:49 EST	0		Source: Buoy
TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- POTOMAC LIGHT 33 (LT3) [38.34, -76.99]				
	08/02/19 02:53 EST	0		Marine Thunderstorm Wind (MG 34 kt)
	08/02/19 02:53 EST	0		Source: Buoy
TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- 1.1 NW PINEY POINT (PPTM2) [38.14, -76.55]				
	08/02/19 06:30 EST	0		Marine Thunderstorm Wind (MG 34 kt)
	08/02/19 06:30 EST	0		Source: Buoy
PATUXENT RIVER TO BROOMES ISLAND MD COUNTY --- SOLOMONS ISLAND (SLIM2) [38.32, -76.45]				
	08/02/19 06:42 EST	0		Marine Thunderstorm Wind (MG 43 kt)
	08/02/19 06:42 EST	0		Source: Buoy
PATUXENT RIVER TO BROOMES ISLAND MD COUNTY --- SOLOMONS ISLAND (SLIM2) [38.32, -76.45]				
	08/02/19 07:06 EST	0		Marine Thunderstorm Wind (MG 37 kt)
	08/02/19 07:06 EST	0		Source: Buoy
<p>An upper level trough and its associated energy approached and crossed the region during the late afternoon and evening hours of August 1st. At the surface, a frontal boundary remained stalled across central Virginia and into eastern Maryland. Temperatures in the 80s to around 90F combined with dew points in the 60s to near 70F and led to the development of moderate instability across the area during the afternoon hours.</p> <p>Scattered showers and thunderstorms then formed in the afternoon and evening and lingered into the overnight hours. Some of these storms produced gusty winds over the waters.</p>				
PATAPSCO RIVER INCLUDING BALTIMORE HARBOR COUNTY --- ORIOLE PARK AT CAMDEN YARDS (BLTPC) [39.28, -76.62]				
	08/06/19 16:40 EST	0		Marine Thunderstorm Wind (MG 41 kt)
	08/06/19 17:15 EST	0		Source: Buoy
PATAPSCO RIVER INCLUDING BALTIMORE HARBOR COUNTY --- MARYLAND SCIENCE CENTER (BLMRE) [39.28, -76.61]				
	08/06/19 16:45 EST	0		Marine Thunderstorm Wind (MG 57 kt)
	08/06/19 17:25 EST	0		Source: Buoy
PATAPSCO RIVER INCLUDING BALTIMORE HARBOR COUNTY --- BALTIMORE (BLTM2) [39.27, -76.58]				
	08/06/19 16:54 EST	0		Marine Thunderstorm Wind (MG 61 kt)
	08/06/19 17:42 EST	0		Source: Buoy
PATAPSCO RIVER INCLUDING BALTIMORE HARBOR COUNTY --- HAMPSTEAD HILL ACADEMY (BLMH) [39.29, -76.58]				
	08/06/19 17:00 EST	0		Marine Thunderstorm Wind (MG 42 kt)
	08/06/19 17:40 EST	0		Source: Buoy
PATAPSCO RIVER INCLUDING BALTIMORE HARBOR COUNTY --- BALTIMORE (BLTM2) [39.27, -76.58]				
	08/06/19 17:48 EST	0		Marine Thunderstorm Wind (MG 52 kt)
	08/06/19 17:54 EST	0		Source: Buoy

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
PATAPSCO RIVER INCLUDING BALTIMORE HARBOR COUNTY --- HAMPSTEAD HILL ACADEMY (BLMH) [39.29, -76.58]				
	08/06/19 18:00 EST	0		Marine Thunderstorm Wind (MG 44 kt)
	08/06/19 18:00 EST	0		Source: Buoy
A southwest flow out ahead of a frontal boundary ushered in a hot, humid, and therefore unstable air mass into the region during the afternoon and evening hours of August 6th. A weak surface trough along with a sea-breeze boundary caused the development of a few localized showers and thunderstorms along the western shore of the Chesapeake Bay. A few thunderstorms were able to produce gusty winds across the waters.				
CHESAPEAKE BAY POOLES IS TO SANDY PT MD COUNTY --- (KMTN)MARTIN STATE AIRPORT [39.33, -76.42]				
	08/07/19 14:28 EST	0		Marine Thunderstorm Wind (MG 35 kt)
	08/07/19 14:28 EST	0		Source: Buoy
TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- (DCA)REAGAN NATIONAL AIRPORT [38.86, -77.03]				
	08/07/19 14:52 EST	0		Marine Thunderstorm Wind (MG 37 kt)
	08/07/19 15:10 EST	0		Source: Buoy
TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- MONROE CREEK (MON) [38.23, -76.95]				
	08/07/19 14:55 EST	0		Marine Thunderstorm Wind (MG 34 kt)
	08/07/19 15:10 EST	0		Source: Buoy
TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- 3.7 SW WOODLAWN ES (ALVND) [38.69, -77.16]				
	08/07/19 14:57 EST	0		Marine Thunderstorm Wind (MG 34 kt)
	08/07/19 14:57 EST	0		Source: Buoy
TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- NATIONALS PARK (WSHNP) [38.87, -77.01]				
	08/07/19 15:04 EST	0		Marine Thunderstorm Wind (MG 34 kt)
	08/07/19 15:04 EST	0		Source: Buoy
CHESAPEAKE BAY POOLES IS TO SANDY PT MD COUNTY --- HART MILLER ISLAND (HRT) [39.25, -76.37]				
	08/07/19 15:05 EST	0		Marine Thunderstorm Wind (MG 34 kt)
	08/07/19 15:25 EST	0		Source: Buoy
CHESAPEAKE BAY POOLES IS TO SANDY PT MD COUNTY --- TOLCHESTER MD (TCBM2) [39.32, -76.25]				
	08/07/19 15:06 EST	0		Marine Thunderstorm Wind (MG 34 kt)
	08/07/19 15:06 EST	0		Source: Buoy
TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- 1.1 SW POTOMAC LIGHT 33 (LT3) [38.33, -77.00]				
	08/07/19 15:14 EST	0		Marine Thunderstorm Wind (MG 40 kt)
	08/07/19 15:24 EST	0		Source: Buoy
TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- POTOMAC LIGHT 33 (LT3) [38.34, -76.99]				
	08/07/19 15:18 EST	0		Marine Thunderstorm Wind (MG 39 kt)
	08/07/19 15:33 EST	0		Source: Buoy
TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- BABAR POINT (BAB) [38.31, -77.03]				
	08/07/19 15:26 EST	0		Marine Thunderstorm Wind (MG 34 kt)
	08/07/19 15:26 EST	0		Source: Buoy
TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- 0.2 ESE POTOMAC LIGHT 33 (LT3) [38.34, -76.99]				
	08/07/19 15:29 EST	0		Marine Thunderstorm Wind (MG 34 kt)
	08/07/19 15:29 EST	0		Source: Buoy
TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- CUCKOLD CREEK (CCK) [38.31, -76.93]				
	08/07/19 15:31 EST	0		Marine Thunderstorm Wind (MG 49 kt)
	08/07/19 15:31 EST	0		Source: Buoy

Storm Data and Unusual Weather Phenomena - August 2019

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- ANNAPOLIS (KNAK) [38.98, -76.48]				
	08/07/19 15:40 EST	0		Marine Thunderstorm Wind (MG 34 kt)
	08/07/19 15:40 EST		0	Source: Buoy
CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- TOLLY POINT (TOL) [38.94, -76.44]				
	08/07/19 15:44 EST	0		Marine Thunderstorm Wind (MG 35 kt)
	08/07/19 15:59 EST		0	Source: Buoy
CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- 3.0 NNE SHADY SIDE ES (SHADY) [38.88, -76.49]				
	08/07/19 15:46 EST	0		Marine Thunderstorm Wind (MG 34 kt)
	08/07/19 15:46 EST		0	Source: Buoy
CHESAPEAKE BAY POOLES IS TO SANDY PT MD COUNTY --- TOLCHESTER MD (TCBM2) [39.32, -76.25]				
	08/07/19 15:48 EST	0		Marine Thunderstorm Wind (MG 34 kt)
	08/07/19 15:54 EST		0	Source: Buoy
CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- GREENBERRY POINT (GBY) [38.97, -76.46]				
	08/07/19 15:52 EST	0		Marine Thunderstorm Wind (MG 34 kt)
	08/07/19 15:52 EST		0	Source: Buoy
CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- THOMAS POINT (TPLM2) [38.90, -76.44]				
	08/07/19 16:00 EST	0		Marine Thunderstorm Wind (MG 45 kt)
	08/07/19 16:00 EST		0	Source: Buoy
EASTERN BAY COUNTY --- 14.0 SSE STEVENSVILLE (D2030) [38.77, -76.23]				
	08/07/19 16:12 EST	0		Marine Thunderstorm Wind (MG 37 kt)
	08/07/19 16:17 EST		0	Source: Buoy
EASTERN BAY COUNTY --- 4.0 SSE US-50 (MD040) [38.92, -76.22]				
	08/07/19 16:15 EST	0		Marine Thunderstorm Wind (MG 37 kt)
	08/07/19 16:15 EST		0	Source: Buoy
CHESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY --- 8.8 NNE GOOSES REEF BUOY (44062) [38.67, -76.34]				
	08/07/19 16:18 EST	0		Marine Thunderstorm Wind (MG 47 kt)
	08/07/19 16:23 EST		0	Source: Buoy
CHESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY --- MID BAY BUOY [38.47, -76.38]				
	08/07/19 16:30 EST	0		Marine Thunderstorm Wind (MG 34 kt)
	08/07/19 16:30 EST		0	Source: Buoy
<p>An upper level disturbance and remnant mesoscale convective vortex (MCV) crossed the region during the afternoon hours of August 7th. This, combined with moderate amounts of instability, led to the development of scattered showers and thunderstorms. Some of these thunderstorms produced gusty winds over the waters.</p>				
CHOPTANK RIVER TO CAMBRIDGE MD AND THE LITTLE CHOPTANK RIVER COUNTY --- BLACKWALNUT HARBOR (BWH) [38.68, -76.33]				
	08/09/19 13:43 EST	0		Marine Thunderstorm Wind (MG 42 kt)
	08/09/19 13:48 EST		0	Source: Buoy
TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- MONROE CREEK (MON) [38.23, -76.95]				
	08/09/19 14:25 EST	0		Marine Thunderstorm Wind (MG 34 kt)
	08/09/19 14:25 EST		0	Source: Buoy
TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY --- RACCOON POINT (RAC) [38.14, -75.79]				
	08/09/19 16:35 EST	0		Marine Thunderstorm Wind (MG 46 kt)
	08/09/19 16:40 EST		0	Source: Buoy

A cold front moved southeastward across the area during the daylight hours of August 9th. A few showers and thunderstorms developed along the front and produced gusty winds across portions of the waters.

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- 3.2 SW ST INIGOES (KNUI) [38.10, -76.46]				
	08/16/19 19:13 EST	0		Waterspout
	08/16/19 19:13 EST	0		Source: Emergency Manager
A waterspout was reported over the Potomac River moving northward. It dissipated as it reached St. George Island and did not cause any damage on land.				
A warm and humid air mass was atop the region during the afternoon hours of August 16th. This promoted the development of a few showers and thunderstorms, one of which produced a waterspout over a portion of the waters.				
PATAPSCO RIVER INCLUDING BALTIMORE HARBOR COUNTY --- ORIOLE PARK AT CAMDEN YARDS (BLTPC) [39.28, -76.62]				
	08/18/19 13:10 EST	0		Marine Thunderstorm Wind (MG 34 kt)
	08/18/19 13:10 EST	0		Source: Buoy
PATAPSCO RIVER INCLUDING BALTIMORE HARBOR COUNTY --- LAKELAND ES AND MS (BLTLK) [39.25, -76.65]				
	08/18/19 13:35 EST	0		Marine Thunderstorm Wind (MG 36 kt)
	08/18/19 13:35 EST	0		Source: Buoy
CHESAPEAKE BAY N OF POOLES IS MD COUNTY --- GROVE POINT (GVP) [39.40, -76.04]				
	08/18/19 15:30 EST	0		Marine Thunderstorm Wind (MG 47 kt)
	08/18/19 15:35 EST	0		Source: Buoy
A hot and humid air mass in place led to increasing amounts of instability across the region. This fostered the development of a few showers and thunderstorms, a couple of which produced gusty winds over the waters.				
CHESAPEAKE BAY DRUM PT TO SMITH PT VA COUNTY --- POINT LOOKOUT (PTL) [38.04, -76.32]				
	08/19/19 16:48 EST	0		Marine Thunderstorm Wind (MG 35 kt)
	08/19/19 17:13 EST	0		Source: Buoy
TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- LEWISSETTA (LWS) [38.00, -76.47]				
	08/19/19 16:54 EST	0		Marine Thunderstorm Wind (MG 36 kt)
	08/19/19 16:54 EST	0		Source: Buoy
TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- LEWISSETTA MD (LWTV2) [38.00, -76.47]				
	08/19/19 16:54 EST	0		Marine Thunderstorm Wind (MG 36 kt)
	08/19/19 16:54 EST	0		Source: Buoy
PATUXENT RIVER TO BROOMES ISLAND MD COUNTY --- SOLOMONS ISLAND (SLIM2) [38.32, -76.45]				
	08/19/19 17:12 EST	0		Marine Thunderstorm Wind (MG 39 kt)
	08/19/19 17:12 EST	0		Source: Buoy
CHESAPEAKE BAY DRUM PT TO SMITH PT VA COUNTY --- PATUXENT RIVER ASOS (KNAK) [38.29, -76.41]				
	08/19/19 17:16 EST	0		Marine Thunderstorm Wind (MG 37 kt)
	08/19/19 17:16 EST	0		Source: Buoy
TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- PINEY POINT (PPTM2) [38.13, -76.53]				
	08/19/19 17:26 EST	0		Marine Thunderstorm Wind (MG 39 kt)
	08/19/19 17:36 EST	0		Source: Buoy
TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- MONROE CREEK (MON) [38.23, -76.95]				
	08/19/19 18:30 EST	0		Marine Thunderstorm Wind (MG 49 kt)
	08/19/19 18:40 EST	0		Source: Buoy
TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- COBB POINT (COB) [38.24, -76.83]				
	08/19/19 19:02 EST	0		Marine Thunderstorm Wind (MG 40 kt)
	08/19/19 19:02 EST	0		Source: Buoy
TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- PINEY POINT (PPTM2) [38.13, -76.53]				

Storm Data and Unusual Weather Phenomena - August 2019

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	08/19/19 20:06 EST		0	Marine Thunderstorm Wind (MG 40 kt)
	08/19/19 20:12 EST		0	Source: Buoy
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CHOPTANK RIVER TO CAMBRIDGE MD AND THE LITTLE CHOPTANK RIVER COUNTY --- CAMBRIDGE (CAMM2) [38.57, -76.07]				
	08/20/19 14:30 EST		0	Marine Thunderstorm Wind (MG 35 kt)
	08/20/19 14:36 EST		0	Source: Buoy
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CHOPTANK RIVER TO CAMBRIDGE MD AND THE LITTLE CHOPTANK RIVER COUNTY --- BLACKWALNUT HARBOR (BWH) [38.68, -76.33]				
	08/20/19 14:43 EST		0	Marine Thunderstorm Wind (MG 34 kt)
	08/20/19 14:43 EST		0	Source: Buoy
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TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- (DCA)REAGAN NATIONAL AIRPORT [38.86, -77.03]				
	08/20/19 16:30 EST		0	Marine Thunderstorm Wind (MG 34 kt)
	08/20/19 16:30 EST		0	Source: Buoy
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TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- (DCA)REAGAN NATIONAL AIRPORT [38.86, -77.03]				
	08/20/19 16:32 EST		0	Marine Thunderstorm Wind (MG 35 kt)
	08/20/19 16:32 EST		0	Source: Buoy
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TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- BABAR POINT (BAB) [38.31, -77.03]				
	08/20/19 17:41 EST		0	Marine Thunderstorm Wind (MG 51 kt)
	08/20/19 17:41 EST		0	Source: Buoy
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TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- MONROE CREEK (MON) [38.23, -76.95]				
	08/20/19 17:50 EST		0	Marine Thunderstorm Wind (MG 41 kt)
	08/20/19 18:05 EST		0	Source: Buoy
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TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- LEESYLVANIA STATE PARK (LSLVN) [38.67, -77.25]				
	08/20/19 17:51 EST		0	Marine Thunderstorm Wind (MG 45 kt)
	08/20/19 17:56 EST		0	Source: Buoy
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TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- 0.8 W POTOMAC LIGHT 33 (LT3) [38.34, -77.00]				
	08/20/19 17:59 EST		0	Marine Thunderstorm Wind (MG 34 kt)
	08/20/19 17:59 EST		0	Source: Buoy
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TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- COBB POINT (COB) [38.24, -76.83]				
	08/20/19 18:02 EST		0	Marine Thunderstorm Wind (MG 37 kt)
	08/20/19 18:57 EST		0	Source: Buoy
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TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- CUCKOLD CREEK (CCK) [38.31, -76.93]				
	08/20/19 18:16 EST		0	Marine Thunderstorm Wind (MG 34 kt)
	08/20/19 18:16 EST		0	Source: Buoy
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TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- QUANTICO (KNYG) [38.51, -77.30]				
	08/20/19 18:43 EST		0	Marine Thunderstorm Wind (MG 34 kt)
	08/20/19 18:43 EST		0	Source: Buoy
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TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- MONROE CREEK (MON) [38.23, -76.95]				
	08/20/19 18:55 EST		0	Marine Thunderstorm Wind (MG 34 kt)
	08/20/19 18:55 EST		0	Source: Buoy
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TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- LEESYLVANIA STATE PARK (LSLVN) [38.67, -77.25]				
	08/20/19 18:56 EST		0	Marine Thunderstorm Wind (MG 34 kt)
	08/20/19 18:56 EST		0	Source: Buoy

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TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- POTOMAC LIGHT 33 (LT3) [38.34, -76.99]				
	08/20/19 18:58 EST	0		Marine Thunderstorm Wind (MG 34 kt)
	08/20/19 18:58 EST		0	Source: Buoy
TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- COBB POINT (COB) [38.24, -76.83]				
	08/20/19 19:02 EST	0		Marine Thunderstorm Wind (MG 43 kt)
	08/20/19 19:32 EST		0	Source: Buoy
TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- MONROE CREEK (MON) [38.23, -76.95]				
	08/20/19 19:05 EST	0		Marine Thunderstorm Wind (MG 37 kt)
	08/20/19 19:10 EST		0	Source: Buoy
TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- CUCKOLD CREEK (CCK) [38.31, -76.93]				
	08/20/19 19:06 EST	0		Marine Thunderstorm Wind (MG 34 kt)
	08/20/19 19:21 EST		0	Source: Buoy
TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- POTOMAC LIGHT 33 (LT3) [38.34, -76.99]				
	08/20/19 19:11 EST	0		Marine Thunderstorm Wind (MG 36 kt)
	08/20/19 19:11 EST		0	Source: Buoy
TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- PINEY POINT (PPTM2) [38.13, -76.53]				
	08/20/19 19:24 EST	0		Marine Thunderstorm Wind (MG 36 kt)
	08/20/19 19:42 EST		0	Source: Buoy
TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- COBB POINT (COB) [38.24, -76.83]				
	08/20/19 21:02 EST	0		Marine Thunderstorm Wind (MG 34 kt)
	08/20/19 21:22 EST		0	Source: Buoy
TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- POTOMAC LIGHT 33 (LT3) [38.34, -76.99]				
	08/20/19 21:03 EST	0		Marine Thunderstorm Wind (MG 43 kt)
	08/20/19 21:03 EST		0	Source: Buoy
TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY --- CRISFIELD CG (CRS) [37.97, -75.88]				
	08/20/19 21:13 EST	0		Marine Thunderstorm Wind (MG 37 kt)
	08/20/19 21:43 EST		0	Source: Buoy
TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY --- CRISFIELD FIRE DEPARTMENT (CRSFL) [37.98, -75.86]				
	08/20/19 21:20 EST	0		Marine Thunderstorm Wind (MG 34 kt)
	08/20/19 21:40 EST		0	Source: Buoy
TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY --- BISHOPS HEAD (BISM2) [38.22, -76.04]				
	08/20/19 21:30 EST	0		Marine Thunderstorm Wind (MG 34 kt)
	08/20/19 21:36 EST		0	Source: Buoy
TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY --- LOWER HOOPERS ISLAND (HPR) [38.26, -76.18]				
	08/20/19 21:37 EST	0		Marine Thunderstorm Wind (MG 34 kt)
	08/20/19 21:37 EST		0	Source: Buoy
TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY --- CRISFIELD FIRE DEPARTMENT (CRSFL) [37.98, -75.86]				
	08/20/19 21:49 EST	0		Marine Thunderstorm Wind (MG 34 kt)
	08/20/19 21:49 EST		0	Source: Buoy

A mesoscale convective system (MCS) and its associated energy was moving across central West Virginia on the morning of August 20th. As this moved eastward into the region during the afternoon and evening hours, it served as the focus for additional shower and thunderstorm development. Significant amounts of instability and steepening low level lapse rates led some of these thunderstorms to

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produce gusty winds across the waters.				
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CHESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY --- 12.9 N ROD N REEL CHESAPEAKE BEACH (CHSRL) [38.88, -76.52]	08/21/19 17:54 EST	0		Marine Thunderstorm Wind (MG 36 kt)
	08/21/19 17:54 EST	0		Source: Buoy
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CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- GREENBERRY POINT (GBY) [38.97, -76.46]	08/21/19 17:57 EST	0		Marine Thunderstorm Wind (MG 46 kt)
	08/21/19 17:57 EST	0		Source: Buoy
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CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- ANNAPOLIS (KNAK) [38.98, -76.48]	08/21/19 17:58 EST	0		Marine Thunderstorm Wind (MG 34 kt)
	08/21/19 17:58 EST	0		Source: Buoy
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CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- TOLLY POINT (TOL) [38.94, -76.44]	08/21/19 17:59 EST	0		Marine Thunderstorm Wind (MG 36 kt)
	08/21/19 17:59 EST	0		Source: Buoy
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CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- 1.4 SSE ST ANNES SCHOOL (ANNAP) [38.92, -76.47]	08/21/19 18:00 EST	0		Marine Thunderstorm Wind (MG 34 kt)
	08/21/19 18:00 EST	0		Source: Buoy
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CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- THOMAS POINT (TPLM2) [38.90, -76.44]	08/21/19 18:00 EST	0		Marine Thunderstorm Wind (MG 38 kt)
	08/21/19 19:00 EST	0		Source: Buoy
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<p>An upper level trough crossed the Appalachian Mountains during the morning of August 21st and moved through the region during the mid to late afternoon hours, followed by a second weaker trough in the evening. At the surface, a weak pressure trough gradually pushed eastward through the day as well. Modest amounts of instability and deep layer shear were present during the afternoon and evening when these features moved across and a few isolated thunderstorms were able to develop and produce gusty winds over the waters.</p>				
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CHESAPEAKE BAY POOLES IS TO SANDY PT MD COUNTY --- (KMTN)MARTIN STATE AIRPORT [39.33, -76.42]	08/22/19 19:55 EST	0		Marine Thunderstorm Wind (MG 34 kt)
	08/22/19 19:55 EST	0		Source: Buoy
<hr/>				
CHESAPEAKE BAY N OF POOLES IS MD COUNTY --- GROVE POINT (GVP) [39.40, -76.04]	08/22/19 20:00 EST	0		Marine Thunderstorm Wind (MG 47 kt)
	08/22/19 20:20 EST	0		Source: Buoy
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CHESAPEAKE BAY POOLES IS TO SANDY PT MD COUNTY --- TOLCHESTER MD (TCBM2) [39.32, -76.25]	08/22/19 20:06 EST	0		Marine Thunderstorm Wind (MG 37 kt)
	08/22/19 20:30 EST	0		Source: Buoy
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CHESAPEAKE BAY POOLES IS TO SANDY PT MD COUNTY --- HART MILLER ISLAND (HRT) [39.25, -76.37]	08/22/19 20:20 EST	0		Marine Thunderstorm Wind (MG 36 kt)
	08/22/19 20:20 EST	0		Source: Buoy
<hr/>				
CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- ANNAPOLIS (KNAK) [38.98, -76.48]	08/22/19 20:21 EST	0		Marine Thunderstorm Wind (MG 34 kt)
	08/22/19 20:21 EST	0		Source: Buoy
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CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- GREENBERRY POINT (GBY) [38.97, -76.46]	08/22/19 20:27 EST	0		Marine Thunderstorm Wind (MG 36 kt)
	08/22/19 20:37 EST	0		Source: Buoy
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CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- TOLLY POINT (TOL) [38.94, -76.44]				

Storm Data and Unusual Weather Phenomena - August 2019

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	08/22/19 20:34 EST		0	Marine Thunderstorm Wind (MG 34 kt)
	08/22/19 20:34 EST		0	Source: Buoy

CHESAPEAKE BAY POOLES IS TO SANDY PT MD COUNTY --- TOLCHESTER MD (TCBM2) [39.32, -76.25]

	08/22/19 20:36 EST		0	Marine Thunderstorm Wind (MG 34 kt)
	08/22/19 20:36 EST		0	Source: Buoy

Hot and humid conditions overspread the area on August 22nd ahead of an approaching cold front and upper level trough. This warmth and humidity allowed for the development of significant amounts of instability by the afternoon hours. Convection during the afternoon and evening hours was initially focused along a remnant mesoscale convective system across central Virginia. However, additional areas of development occurred as upper level energy from Kentucky and West Virginia moved eastward and into the region and the cold front moved southeastward from Pennsylvania. Some of the thunderstorms produced gusty winds over the waters.

CHESAPEAKE BAY POOLES IS TO SANDY PT MD COUNTY --- (KMTN)MARTIN STATE AIRPORT [39.33, -76.42]

	08/28/19 16:55 EST		0	Marine Thunderstorm Wind (MG 37 kt)
	08/28/19 16:55 EST		0	Source: AWOS

A cold front crossed the region during the afternoon hours of August 28th. A few scattered showers and thunderstorms developed along the boundary, and one produced gusty winds across portions of the waters.

DISTRICT OF COLUMBIA

DISTRICT OF COLUMBIA COUNTY --- 1.6 W WALTER REED [38.98, -77.06]

	08/06/19 18:58 EST		0	Thunderstorm Wind (EG 50 kt)
	08/06/19 18:58 EST		0	Source: Emergency Manager

A tree was blown down in the 3200 block of Aberfoyle Place Northwest.

DISTRICT OF COLUMBIA COUNTY --- 0.5 W WALTER REED [38.98, -77.04]

	08/06/19 19:32 EST		0	Thunderstorm Wind (EG 50 kt)
	08/06/19 19:32 EST		0	Source: Emergency Manager

A tree was blown down on 16th Street Northwest near Floral Street Northwest.

A southwest flow out ahead of a frontal boundary ushered in a hot, humid, and therefore unstable air mass into the region during the afternoon and evening hours of August 6th. A weak surface trough along with terrain circulations caused isolated showers and thunderstorms to develop across portions of the region, while a sea-breeze boundary caused the development of a few localized showers and thunderstorms along the western shore of the Chesapeake Bay westward to about I-95. A few thunderstorms were able to become locally severe.

DISTRICT OF COLUMBIA COUNTY --- GEORGETOWN [38.92, -77.05]

	08/07/19 15:00 EST		0	Thunderstorm Wind (EG 50 kt)
	08/07/19 15:00 EST		0	Source: Broadcast Media

A tree was blown down blocking all lanes of Beach Drive Northwest.

An upper level disturbance and remnant mesoscale convective vortex (MCV) crossed the region during the afternoon hours of August 7th. This, combined with moderate amounts of instability, led to the development of scattered showers and thunderstorms across the region. One of these thunderstorms became severe in the District of Columbia.

DISTRICT OF COLUMBIA COUNTY --- 0.9 SE TENLEYTOWN [38.94, -77.06]

	08/20/19 15:42 EST		0	Hail (1.75 in)
	08/20/19 15:42 EST		0	Source: Public

Hail up to the size of golf balls (1.75" in diameter) was reported in the Cleveland Park neighborhood of Washington DC.

DISTRICT OF COLUMBIA COUNTY --- 0.9 NE MOUNT PLEASANT [38.94, -77.04]

	08/20/19 15:45 EST		0	Thunderstorm Wind (EG 50 kt)
	08/20/19 15:45 EST		0	Source: NWS Employee

Storm Data and Unusual Weather Phenomena - August 2019

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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Several large limbs up to 8 inches in diameter were blown down in the area of 16th Street Northwest and Spring Street Northwest.

DISTRICT OF COLUMBIA COUNTY --- 0.7 N TENLEYTOWN [38.96, -77.07]

08/20/19 16:01 EST	0	Thunderstorm Wind (EG 50 kt)
08/20/19 16:01 EST	0	Source: Public

A 6-inch in diameter tree limb was blown down in the 5400 block of Chevy Chase Parkway Northwest.

DISTRICT OF COLUMBIA COUNTY --- 0.5 W US CAPITOL [38.88, -77.03]

08/20/19 16:44 EST	0	Hail (1.50 in)
08/20/19 16:44 EST	0	Source: NWS Employee

Hail up to the size of ping pong balls (1.50" in diameter) was reported near the US Capital and National Mall.

DISTRICT OF COLUMBIA COUNTY --- 1.1 E BOLLING AFB [38.85, -77.00]

08/20/19 16:50 EST	0	Thunderstorm Wind (EG 50 kt)
08/20/19 16:50 EST	0	Source: Emergency Manager

A tree was blown down blocking Martin Luther King Junior Avenue Southeast in the 2700 block.

A mesoscale convective system (MCS) and its associated energy was moving across central West Virginia on the morning of August 20th. As this moved eastward into the region during the afternoon and evening hours, it served as the focus for additional shower and thunderstorm development. Significant amounts of instability and steepening low level lapse rates led some of these thunderstorms to become severe.

MARYLAND, Central

BALTIMORE COUNTY --- 1.3 WNW POPLAR [39.36, -76.47]

08/01/19 12:48 EST	0	Hail (0.88 in)
08/01/19 12:48 EST	0	Source: Trained Spotter

ANNE ARUNDEL COUNTY --- 0.7 N MARLEY [39.16, -76.60]

08/01/19 13:43 EST	0	Thunderstorm Wind (EG 50 kt)
08/01/19 13:43 EST	0	Source: Law Enforcement

A tree was blown down onto a house in the 100 block of Ralph Road.

ANNE ARUNDEL COUNTY --- 0.7 S ARUNDEL GARDENS [39.19, -76.62]

08/01/19 13:45 EST	0	Hail (1.75 in)
08/01/19 13:45 EST	0	Source: Public

Hail up to the size of golf balls (1.75") was reported off of Furnace Branch Road in Glen Burnie.

ANNE ARUNDEL COUNTY --- ODENTON [39.08, -76.70]

08/01/19 13:56 EST	0	Thunderstorm Wind (EG 50 kt)
08/01/19 13:56 EST	0	Source: Public

A tree was blown down onto a car partially blocking Rita Drive.

ANNE ARUNDEL COUNTY --- 1.1 E GLEN BURNIE [39.17, -76.61]

08/01/19 13:57 EST	0	Hail (1.00 in)
08/01/19 13:57 EST	0	Source: Trained Spotter

Quarter sized hail (1.0") was reported near Glen Burnie.

ANNE ARUNDEL COUNTY --- 0.9 NE DELMONT [39.14, -76.66]

08/01/19 14:01 EST	0	Hail (1.00 in)
08/01/19 14:01 EST	0	Source: Trained Spotter

Quarter-sized hail (1.0") was reported in Severn.

Storm Data and Unusual Weather Phenomena - August 2019

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
HARFORD COUNTY --- 1.3 WSW CALVARY [39.52, -76.27]				
	08/01/19 15:25 EST		0	Thunderstorm Wind (EG 50 kt)
	08/01/19 15:25 EST		0	Source: State Official
A tree was blown down near the intersection of MD-136 Calvary Road and Schucks Road.				
HARFORD COUNTY --- 2.1 W GLENVILLE [39.60, -76.26]				
	08/01/19 15:49 EST		0	Thunderstorm Wind (EG 50 kt)
	08/01/19 15:49 EST		0	Source: State Official
A tree was blown down in the 700 block of MD-136 Priestford Road.				
CHARLES COUNTY --- 1.3 ENE MASONS [38.58, -76.78]				
	08/01/19 17:20 EST		0	Hail (1.25 in)
	08/01/19 17:20 EST		0	Source: Public
Half dollar sized hail (1.25") was reported near Hughesville.				
CHARLES COUNTY --- 0.7 S MASONS [38.56, -76.80]				
	08/01/19 17:40 EST		0	Thunderstorm Wind (EG 61 kt)
	08/01/19 17:40 EST		0	Source: State Official
Multiple trees were blown down in the Bryantown and Hughesville area.				
ST. MARY'S COUNTY --- OAKS [38.50, -76.78]				
	08/01/19 17:40 EST		0	Thunderstorm Wind (EG 61 kt)
	08/01/19 17:40 EST		0	Source: Public
Four large trees and numerous tree limbs were blown down in the area of Bach Drive in Charlotte Hail.				
ST. MARY'S COUNTY --- 0.9 SE HUNTERVILLE [38.46, -76.72]				
	08/01/19 17:54 EST		0	Thunderstorm Wind (EG 50 kt)
	08/01/19 17:54 EST		0	Source: State Official
Trees were blown down on wires near Mechanicsville.				
CHARLES COUNTY --- 1.3 WNW HUGHESVILLE [38.54, -76.80]				
	08/01/19 17:55 EST		0	Thunderstorm Wind (EG 50 kt)
	08/01/19 17:55 EST		0	Source: Trained Spotter
Six inch diameter tree limbs were blown down at a residence near Hughesville.				
<p>An upper level trough and its associated energy approached and crossed the region during the late afternoon and evening hours of August 1st. At the surface, a frontal boundary remained stalled across central Virginia and into eastern Maryland. Temperatures in the 80s to around 90F combined with dew points in the 60s to near 70F and led to the development of moderate instability across the area during the afternoon hours.</p> <p>Scattered showers and thunderstorms then formed in the afternoon and evening, and some of them became locally severe.</p>				
PRINCE GEORGE'S COUNTY --- BADEN [38.67, -76.77]				
	08/05/19 12:59 EST		0	Thunderstorm Wind (EG 50 kt)
	08/05/19 12:59 EST		0	Source: Trained Spotter
A couple of large tree limbs were blown down.				
HOWARD COUNTY --- EAST LIOAK [39.23, -76.88]				
	08/05/19 16:55 EST		0	Thunderstorm Wind (EG 50 kt)
	08/05/19 16:55 EST		0	Source: State Official
A tree was blown down on Hesperus Drive near the intersection with Rondel Place. A tree was also blown down in Agail Place.				
WASHINGTON COUNTY --- 0.3 S FIDDLESBURG [39.67, -77.70]				

Storm Data and Unusual Weather Phenomena - August 2019

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	08/05/19 18:50 EST		0	Thunderstorm Wind (EG 50 kt)
	08/05/19 18:50 EST		0	Source: Trained Spotter
A gas station awning was damaged and a few trees were blown down near Long Meadow.				
An upper-level trough moved overhead during the afternoon and evening hours of August 5th while a weak surface trough remained positioned near the area as well. A southwest flow aloft ahead of the trough helped to usher in warmth and humidity, which led to the development of marginal instability across the region. This led to the formation of scattered showers and thunderstorms, a couple of which became locally severe.				
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BALTIMORE COUNTY --- 2.1 NNW SPARROWS PT [39.30, -76.59]				
	08/06/19 16:50 EST		0	Hail (1.00 in)
	08/06/19 16:50 EST		0	Source: Trained Spotter
Quarter-sized hail (1.0") was reported in the city of Baltimore.				
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BALTIMORE COUNTY --- 1.5 NNW SPARROWS PT [39.29, -76.59]				
	08/06/19 17:25 EST		0	Thunderstorm Wind (MG 57 kt)
	08/06/19 17:25 EST		0	Source: Department of Highways
A 57-knot (66 mph) wind gust was measured at the Maryland Science Center. Numerous reports of trees down were received across southern and eastern portions of the city of Baltimore.				
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BALTIMORE CITY (C) COUNTY --- 0.9 S CANTON [39.27, -76.58]				
	08/06/19 17:42 EST		0	Thunderstorm Wind (MG 61 kt)
	08/06/19 17:42 EST		0	Source: Mesonet
A 61-knot (70 mph) wind gust was measured near Fells Point/Fort McHenry.				
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BALTIMORE COUNTY --- 1.4 N SPARROWS PT [39.29, -76.58]				
	08/06/19 17:49 EST		0	Thunderstorm Wind (MG 50 kt)
	08/06/19 17:49 EST		0	Source: Mesonet
A 50-knot (58 mph) wind gust was measured in Patterson Park in the city of Baltimore.				
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MONTGOMERY COUNTY --- 1.3 WNW GLEN [39.06, -77.24]				
	08/06/19 18:12 EST		0	Thunderstorm Wind (EG 50 kt)
	08/06/19 18:12 EST		0	Source: State Official
Trees were blown down on Glen Road in Travilah.				
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MONTGOMERY COUNTY --- 0.5 W CARDEROCK SPGS [39.00, -77.18]				
	08/06/19 18:16 EST		0	Thunderstorm Wind (EG 50 kt)
	08/06/19 18:16 EST		0	Source: Broadcast Media
A tree was blown down blocking all lanes of MD-190 River Road just east of MD-191 Bradley Boulevard. Wires were also blown down at the intersection of Clewerwall Drive and MD-190 River Road.				
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MONTGOMERY COUNTY --- 0.9 NE CARDEROCK SPGS [39.01, -77.16]				
	08/06/19 18:25 EST		0	Thunderstorm Wind (EG 50 kt)
	08/06/19 18:25 EST		0	Source: Broadcast Media
A tree was blown down blocking Seven Locks Road just north of MD-191 Bradley Boulevard.				
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MONTGOMERY COUNTY --- 0.9 SE WOODHAVEN [38.99, -77.12]				
	08/06/19 18:48 EST		0	Thunderstorm Wind (EG 61 kt)
	08/06/19 18:48 EST		0	Source: State Official
Numerous trees were blown down in the Bethesda area.				
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MONTGOMERY COUNTY --- 1.1 E CARDEROCK SPGS [39.00, -77.15]				
	08/06/19 18:50 EST		0	Thunderstorm Wind (EG 50 kt)
	08/06/19 18:50 EST		0	Source: NWS Employee

Storm Data and Unusual Weather Phenomena - August 2019

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
A couple of trees and several large limbs were blown down along the shoulder of the I-495 Capital Beltway Outer Loop near the I-270 Western Spur.				
MONTGOMERY COUNTY --- 1.3 WSW GEORGETOWN JCT [38.99, -77.07]				
	08/06/19 19:06 EST		0	Thunderstorm Wind (EG 61 kt)
	08/06/19 19:06 EST		0	Source: State Official
Numerous trees were reported down in the Chevy Chase area.				
A southwest flow out ahead of a frontal boundary ushered in a hot, humid, and therefore unstable air mass into the region during the afternoon and evening hours of August 6th. A weak surface trough along with terrain circulations caused isolated showers and thunderstorms to develop across portions of the region, while a sea-breeze boundary caused the development of a few localized showers and thunderstorms along the western shore of the Chesapeake Bay. A few thunderstorms were able to become locally severe.				
BALTIMORE COUNTY --- 1.5 NW SPARROWS PT [39.29, -76.60], 1.3 NW SPARROWS PT [39.28, -76.60], 1.3 NW SPARROWS PT [39.28, -76.60], 1.5 NW SPARROWS PT [39.29, -76.60]				
	08/06/19 17:37 EST		0.50M	Flash Flood (due to Heavy Rain)
	08/06/19 19:37 EST		0	Source: Broadcast Media
Cars were under water along Central Avenue.				
BALTIMORE COUNTY --- 3.3 NW SPARROWS PT [39.31, -76.62], 3.2 NW SPARROWS PT [39.31, -76.62], 3.2 NW SPARROWS PT [39.31, -76.62], 3.3 NW SPARROWS PT [39.31, -76.62]				
	08/06/19 17:54 EST		0	Flood (due to Heavy Rain)
	08/06/19 19:54 EST		0	Source: Emergency Manager
Flooding occurred along Charles Street near Penn Station. The Road was closed.				
BALTIMORE COUNTY --- 0.9 NW SPARROWS PT [39.28, -76.59], 1.6 NNW SPARROWS PT [39.29, -76.59], 2.0 NW SPARROWS PT [39.29, -76.60], 1.6 NW SPARROWS PT [39.28, -76.60]				
	08/06/19 17:55 EST		0	Flood (due to Heavy Rain)
	08/06/19 19:55 EST		0	Source: Public
Flooding was reported in Fells Point, causing roads to be impassable.				
BALTIMORE COUNTY --- 1.1 N SPARROWS PT [39.29, -76.58], 1.4 NW SPARROWS PT [39.29, -76.60], 1.2 WNW SPARROWS PT [39.28, -76.60], 0.5 NNE SPARROWS PT [39.28, -76.58]				
	08/06/19 18:20 EST		0	Flash Flood (due to Heavy Rain)
	08/06/19 20:00 EST		0	Source: Broadcast Media
Roads were impassable due to flash flooding in Canton and Fells Point.				
MONTGOMERY COUNTY --- 2.0 WSW LUXMANOR [39.04, -77.15], 2.1 WSW LUXMANOR [39.04, -77.16], 1.3 SW LUXMANOR [39.04, -77.14], 1.4 SW LUXMANOR [39.04, -77.14]				
	08/06/19 18:43 EST		0	Flood (due to Heavy Rain)
	08/06/19 20:43 EST		0	Source: Trained Spotter
Tuckerman Lane was closed due to flooding.				
BALTIMORE COUNTY --- 1.3 NW SPARROWS PT [39.28, -76.60], 1.3 NW SPARROWS PT [39.28, -76.60], 1.3 NW SPARROWS PT [39.28, -76.60], 1.3 NW SPARROWS PT [39.28, -76.60]				
	08/06/19 18:45 EST		0	Flash Flood (due to Heavy Rain)
	08/06/19 20:00 EST		0	Source: Broadcast Media
Several cars were trapped in up to three feet of standing water near the intersection of South Caroline Street in Aliceanna Street.				
MONTGOMERY COUNTY --- 1.1 SSE TRAVILAH [39.06, -77.26], 1.7 SSE TRAVILAH [39.05, -77.26], 1.7 SSE TRAVILAH [39.05, -77.26], 1.1 SSE TRAVILAH [39.06, -77.26]				
	08/06/19 18:48 EST		0	Flood (due to Heavy Rain)
	08/06/19 20:48 EST		0	Source: Emergency Manager
One foot of water was flowing over Stoney Creek Road.				

Storm Data and Unusual Weather Phenomena - August 2019

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
MONTGOMERY COUNTY --- 0.9 NW CARDEROCK SPGS [39.01, -77.18], 0.8 NW CARDEROCK SPGS [39.01, -77.18], 0.7 NW CARDEROCK SPGS [39.01, -77.18], 0.9 NNW CARDEROCK SPGS [39.01, -77.18]				
	08/06/19 19:38 EST		0	Flood (due to Heavy Rain)
	08/06/19 21:38 EST		0	Source: Emergency Manager
Bradley Boulevard near Kendisle Road was impassable due and a vehicle was stuck in high water.				
MONTGOMERY COUNTY --- 0.3 E TRAVILAH [39.07, -77.26], 0.4 ESE TRAVILAH [39.07, -77.26], 0.4 ESE TRAVILAH [39.07, -77.26], 0.4 E TRAVILAH [39.07, -77.26]				
	08/06/19 20:30 EST		0	Flood (due to Heavy Rain)
	08/06/19 22:30 EST		0	Source: 911 Call Center
Glen Road was closed near the intersection with Travilah Road.				
PRINCE GEORGE'S COUNTY --- 0.7 SSE OAK CREST [39.07, -76.84], 0.9 SSE OAK CREST [39.07, -76.84], 0.9 SSE OAK CREST [39.07, -76.84], 0.7 SSE OAK CREST [39.07, -76.84]				
	08/06/19 20:40 EST		0	Flood (due to Heavy Rain)
	08/06/19 22:40 EST		0	Source: 911 Call Center
Brock Bridge Road was closed near the intersection with Laurel Bowie Road.				
PRINCE GEORGE'S COUNTY --- 0.7 SSE OAK CREST [39.07, -76.84], 0.9 SSE OAK CREST [39.07, -76.84], 0.8 SSE OAK CREST [39.07, -76.84], 0.7 SSE OAK CREST [39.07, -76.84]				
	08/06/19 21:01 EST		0	Flood (due to Heavy Rain)
	08/06/19 23:01 EST		0	Source: Department of Highways
Southbound MD-197 Laurel Bowie Road was closed due to high water near Montpelier Drive.				
A weak upper-level trough remained overhead and there was also a surface trough around the area. A light southerly flow ahead of the boundary caused dewpoints to reach the 70s. A few showers and thunderstorms developed, and some storms produced heavy rainfall that led to flooding and flash flooding. The heaviest rain fell around the Baltimore Metropolitan area due to training convection.				
FREDERICK COUNTY --- 1.8 SE URBANA [39.31, -77.33]				
	08/07/19 12:21 EST		0	Thunderstorm Wind (EG 50 kt)
	08/07/19 12:21 EST		0	Source: County Official
A tree was blown down on MD-335 past Big Woods Road. A tree was also blown down on MD-80 between Big Woods Road and Prices Distillery Road.				
FREDERICK COUNTY --- 1.8 SE IJAMSVILLE [39.35, -77.31]				
	08/07/19 12:33 EST		0	Thunderstorm Wind (EG 50 kt)
	08/07/19 12:33 EST		0	Source: State Official
Trees were blown down along Fingerboard Road near Urbana.				
FREDERICK COUNTY --- 1.7 ESE NEW LONDON [39.41, -77.22]				
	08/07/19 12:48 EST		0	Thunderstorm Wind (EG 50 kt)
	08/07/19 12:48 EST		0	Source: State Official
Trees and wires were blown down on Detrick Road near the intersection with Lime Plant Road.				
CARROLL COUNTY --- 0.9 SE BERRETT [39.41, -77.01]				
	08/07/19 13:10 EST		0	Thunderstorm Wind (EG 50 kt)
	08/07/19 13:10 EST		0	Source: State Official
A tree was blown down on Buckhorn Road near the intersection with MD-97.				
MONTGOMERY COUNTY --- 0.5 W QUINCE ORCHARD [39.12, -77.26]				
	08/07/19 13:12 EST		0	Thunderstorm Wind (EG 50 kt)
	08/07/19 13:12 EST		0	Source: Public
A tree was blown down on Rifle Ford Road.				

Storm Data and Unusual Weather Phenomena - August 2019

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
FREDERICK COUNTY --- 1.7 ESE LADIESBURG [39.57, -77.24]				
	08/07/19 13:15 EST		0	Thunderstorm Wind (EG 50 kt)
	08/07/19 13:15 EST		0	Source: State Official
Trees and wires were blown down near the intersection of Claybaugh Road and Good Intent Road.				
CARROLL COUNTY --- 1.3 ENE FLOHRVILLE [39.43, -76.96]				
	08/07/19 13:17 EST		0	Thunderstorm Wind (EG 61 kt)
	08/07/19 13:17 EST		0	Source: State Official
Three trees were blown down on the northwest side of Eldersburg.				
CARROLL COUNTY --- 1.5 SSW GAMBER [39.45, -76.96]				
	08/07/19 13:17 EST		0	Thunderstorm Wind (EG 50 kt)
	08/07/19 13:17 EST		0	Source: State Official
A tree was blown down in the 4500 block of London Bridge Road.				
CARROLL COUNTY --- 0.7 N ELDERSBURG WOLF ARPT [39.41, -76.92]				
	08/07/19 13:18 EST		0	Thunderstorm Wind (EG 50 kt)
	08/07/19 13:18 EST		0	Source: State Official
A tree was blown down on Oklahoma Road near the intersection with Bennett Road.				
CARROLL COUNTY --- 0.5 W SMALLWOOD [39.52, -76.99]				
	08/07/19 13:31 EST		0	Thunderstorm Wind (EG 50 kt)
	08/07/19 13:31 EST		0	Source: State Official
A tree was blown down in the 6000 block of Old Washington Road.				
MONTGOMERY COUNTY --- 0.9 NE WASHINGTON GROVE [39.14, -77.17]				
	08/07/19 13:38 EST		0	Thunderstorm Wind (EG 50 kt)
	08/07/19 13:38 EST		0	Source: Trained Spotter
A tree was blown down on McCauley Street.				
BALTIMORE COUNTY --- 0.9 SW SWEET AIR [39.51, -76.54]				
	08/07/19 14:15 EST		0	Thunderstorm Wind (EG 61 kt)
	08/07/19 14:15 EST		0	Source: Trained Spotter
A large tree was blown down across Manor Road near the intersection with Kincaid Road. Several other large trees 1 to 2 feet in diameter were blown down in the area.				
HARFORD COUNTY --- 1.1 W OTTER PT [39.43, -76.27]				
	08/07/19 14:30 EST		0	Thunderstorm Wind (EG 50 kt)
	08/07/19 14:30 EST		0	Source: State Official
Trees and wires were blown down in the 2900 block of Willoughby Beach Road.				
HARFORD COUNTY --- 0.9 NW MAGNOLIA [39.41, -76.33]				
	08/07/19 14:37 EST		0	Thunderstorm Wind (EG 50 kt)
	08/07/19 14:37 EST		0	Source: State Official
A tree was blown down blocking the roadway near the intersection of Trimble Road and Fort Hoyle Road.				
HARFORD COUNTY --- 1.3 WSW SINGER [39.47, -76.35]				
	08/07/19 14:40 EST		0	Thunderstorm Wind (EG 50 kt)
	08/07/19 14:40 EST		0	Source: State Official
A tree was blown down at the intersection of Clayton Road and Singer Road.				

Storm Data and Unusual Weather Phenomena - August 2019

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<hr/>				
HARFORD COUNTY --- 0.7 N SEWELL [39.48, -76.25]				
	08/07/19 14:50 EST		0	Thunderstorm Wind (EG 50 kt)
	08/07/19 14:50 EST		0	Source: State Official
A tree was blown down near the intersection of Stockett Square and Declaration Court.				
An upper level disturbance and remnant mesoscale convective vortex (MCV) crossed the region during the afternoon hours of August 7th. This, combined with moderate amounts of instability, led to the development of scattered showers and thunderstorms across the state. Some of these thunderstorms became severe.				
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MONTGOMERY COUNTY --- 0.5 SE CLOPPER [39.14, -77.22], 0.6 SE CLOPPER [39.14, -77.22], 0.7 SE CLOPPER [39.14, -77.22], 0.5 SSE CLOPPER [39.14, -77.22]				
	08/07/19 14:09 EST		0	Flood (due to Heavy Rain)
	08/07/19 16:09 EST		0	Source: Department of Highways
MD-117 Clopper Road was closed due to high water at Firstfield Road.				
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MONTGOMERY COUNTY --- 0.9 W CLOPPER [39.15, -77.25], 0.7 W CLOPPER [39.15, -77.24], 0.8 W CLOPPER [39.15, -77.24], 0.9 W CLOPPER [39.15, -77.25]				
	08/07/19 14:50 EST		0	Flood (due to Heavy Rain)
	08/07/19 16:50 EST		0	Source: Emergency Manager
Game Preserve Road was closed at Clopper Road due to high water over the roadway.				
There were a couple incidents of flooding due to locally heavy rain in Montgomery County.				
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ALLEGANY COUNTY --- 0.7 S OCEAN [39.59, -78.95]				
	08/15/19 17:15 EST		0	Thunderstorm Wind (EG 50 kt)
	08/15/19 17:15 EST		0	Source: State Official
A tree was blown down in the 19000 block of Churchill Road.				
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ALLEGANY COUNTY --- 0.9 NW AMCELLE [39.63, -78.84]				
	08/15/19 17:36 EST		0	Thunderstorm Wind (EG 50 kt)
	08/15/19 17:36 EST		0	Source: State Official
A tree was blown down on Winchester Road near Vocke Road.				
<hr/>				
ALLEGANY COUNTY --- 1.3 ENE SPRING GAP [39.58, -78.70]				
	08/15/19 17:49 EST		0	Thunderstorm Wind (EG 50 kt)
	08/15/19 17:49 EST		0	Source: State Official
A tree was blown down in the 15600 block of Brice Hollow Road.				
An upper level trough moved southeastward from the Great Lakes and into the Mid-Atlantic states during the day of August 15th. At the surface, a boundary also moved southeastward from Ohio and into the region. With building instability, scattered showers and thunderstorms developed across the higher elevations in the mid afternoon hours, and then moved eastward during the late afternoon and evening. With relatively strong westerly to west-northwesterly flow aloft, deep layer shear increased and that, combined with the instability, led to some thunderstorms becoming strong to locally severe, mainly across western Maryland where the instability was greatest.				
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HARFORD COUNTY --- 1.1 W SCARBORO [39.63, -76.30]				
	08/17/19 13:10 EST		0	Thunderstorm Wind (EG 50 kt)
	08/17/19 13:10 EST		0	Source: State Official
A tree was blown down on Scarboro Road near Sandy Hook Road.				
<hr/>				
HARFORD COUNTY --- 1.1 E GIBSON MANOR [39.60, -76.31]				
	08/17/19 13:15 EST		0	Thunderstorm Wind (EG 50 kt)
	08/17/19 13:15 EST		0	Source: State Official
A tree was reported down on Conowingo Road near Forge Hill Road.				

Storm Data and Unusual Weather Phenomena - August 2019

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
ANNE ARUNDEL COUNTY --- 0.7 N GREEN HAVEN [39.14, -76.55]				
	08/17/19 14:29 EST	0		Hail (1.00 in)
	08/17/19 14:29 EST	0		Source: Public
Quarter-sized (1.0" in diameter) hail was reported near Green Haven.				
ANNE ARUNDEL COUNTY --- 0.9 NW ROBINSON [39.08, -76.58]				
	08/17/19 14:54 EST	0		Hail (0.75 in)
	08/17/19 14:54 EST	0		Source: Trained Spotter
ANNE ARUNDEL COUNTY --- 0.7 N ARNOLD [39.04, -76.50]				
	08/17/19 15:13 EST	0		Hail (0.75 in)
	08/17/19 15:13 EST	0		Source: State Official
A hot and humid air mass in place led to increasing amounts of instability across the region. This fostered the development of a few showers and thunderstorms, a couple of which became locally severe.				
BALTIMORE COUNTY --- 3.3 WNW SPARROWS PT [39.28, -76.64]				
	08/18/19 13:14 EST	0		Thunderstorm Wind (EG 50 kt)
	08/18/19 13:14 EST	0		Source: Trained Spotter
A tree was split in half with large branches down on Washington Boulevard near South Monroe Street.				
HOWARD COUNTY --- 0.9 NW HANOVER [39.19, -76.74]				
	08/18/19 14:07 EST	0		Thunderstorm Wind (EG 50 kt)
	08/18/19 14:07 EST	0		Source: Fire Department/Rescue
Trees and wires were blown down near Ivy Terrace and Athol Avenue.				
HOWARD COUNTY --- 1.3 ESE NORTH LAUREL [39.12, -76.86]				
	08/18/19 14:11 EST	0		Hail (0.75 in)
	08/18/19 14:11 EST	0		Source: Trained Spotter
HOWARD COUNTY --- 1.3 WSW ELKRIDGE [39.21, -76.74]				
	08/18/19 14:11 EST	0		Hail (0.75 in)
	08/18/19 14:11 EST	0		Source: Trained Spotter
FREDERICK COUNTY --- 0.7 N BURKITTSVILLE [39.41, -77.63]				
	08/18/19 19:00 EST	0		Thunderstorm Wind (EG 50 kt)
	08/18/19 19:00 EST	0		Source: State Official
A tree was blown down on Arnoldtown Road near Mountain Church Road.				
FREDERICK COUNTY --- 0.7 S BRUNSWICK [39.31, -77.63]				
	08/18/19 19:25 EST	0		Thunderstorm Wind (EG 50 kt)
	08/18/19 19:25 EST	0		Source: State Official
A tree was blown down on South Maple Avenue near Brunswick Campground.				
FREDERICK COUNTY --- 1.6 E TUSCARORA [39.25, -77.44]				
	08/18/19 19:46 EST	0		Thunderstorm Wind (EG 50 kt)
	08/18/19 19:46 EST	0		Source: Public
Trees were blown down across Park Mills Road near the intersection with Dickerson Road. A tree was also blown down on Tuscarora Road near Pleasant View Road.				
CARROLL COUNTY --- 0.7 N TAYLORSVILLE [39.46, -77.08]				
	08/18/19 19:53 EST	0		Thunderstorm Wind (EG 50 kt)
	08/18/19 19:53 EST	0		Source: Public

Storm Data and Unusual Weather Phenomena - August 2019

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
A large tree was blown down at a residence in the 3900 block of Ridge Road.				
MONTGOMERY COUNTY --- 1.3 ENE BEALLSVILLE [39.19, -77.40]				
	08/18/19 19:53 EST		0	Thunderstorm Wind (EG 50 kt)
	08/18/19 19:53 EST		0	Source: Emergency Manager
Two utility poles and wires were blown down in the 21000 block of Beallesville Road near Big Woods Road. Multiple trees were also blown down at a residence of Mouth of Monocacy Road.				
FREDERICK COUNTY --- 1.3 ENE KEMPTOWN [39.34, -77.21]				
	08/18/19 20:12 EST		0	Thunderstorm Wind (EG 50 kt)
	08/18/19 20:12 EST		0	Source: Public
Poles and wires were blown down near Fingerboard Road and Green Valley Road.				
FREDERICK COUNTY --- 1.3 ENE KEMPTOWN [39.34, -77.21]				
	08/18/19 20:20 EST		0	Thunderstorm Wind (EG 70 kt)
	08/18/19 20:20 EST		0	Source: Public
Multiple trees were uprooted and snapped, and damage occurred to vinyl siding on a few homes on Penn Shop Road between Ridge Road and Fingerboard Road.				
HARFORD COUNTY --- TAYLOR [39.58, -76.52]				
	08/18/19 21:35 EST		0	Thunderstorm Wind (EG 50 kt)
	08/18/19 21:35 EST		0	Source: State Official
A tree branch was blown down on wires at Pocock Road and Jarrettsville Pike.				
A hot and humid air mass in place led to increasing amounts of instability across the region. This fostered the development of a few showers and thunderstorms, a couple of which became locally severe.				
(MD-Z014) ANNE ARUNDEL, (MD-Z016) CHARLES, (MD-Z017) ST. MARY'S, (MD-Z018) CALVERT				
	08/19/19 11:00 EST		0	Heat
	08/19/19 18:00 EST		0	
As surface high pressure moved offshore, southerly flow brought increasing warmth and humidity, combining to create heat index values in excess of 105 degrees in portions of southern Maryland.				
MONTGOMERY COUNTY --- 0.7 S BETHESDA [38.96, -77.12]				
	08/20/19 15:38 EST		0	Thunderstorm Wind (EG 50 kt)
	08/20/19 15:38 EST		0	Source: State Official
A large tree was blown down onto utility wires near the intersection of Onondaga Road and Massachusetts Avenue.				
MONTGOMERY COUNTY --- SOMERSET [38.95, -77.10]				
	08/20/19 15:41 EST		0	Thunderstorm Wind (EG 50 kt)
	08/20/19 15:41 EST		0	Source: State Official
A tree was blown down onto a house in the 4800 block of Western Avenue.				
PRINCE GEORGE'S COUNTY --- 0.5 E (ADW)ANDREWS AFB CAM [38.80, -76.87]				
	08/20/19 15:45 EST		0	Thunderstorm Wind (MG 50 kt)
	08/20/19 15:45 EST		0	Source: AWOS
A 50-knot (58 mph) wind gust was measured at Andrews Air Force Base.				
PRINCE GEORGE'S COUNTY --- 0.5 E (ADW)ANDREWS AFB CAM [38.80, -76.87]				
	08/20/19 16:06 EST		0	Hail (1.25 in)
	08/20/19 16:06 EST		0	Source: Trained Spotter
Up to half-dollar sized hail (1.25" in diameter) reported near Andrews Air Force Base.				
MONTGOMERY COUNTY --- 0.9 SE QUINCE ORCHARD [39.11, -77.24]				

Storm Data and Unusual Weather Phenomena - August 2019

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	08/20/19 16:50 EST		0	Hail (0.88 in)
	08/20/19 16:50 EST		0	Source: State Official

ST. MARY'S COUNTY --- 0.5 W MORGANZA [38.38, -76.71]

	08/20/19 17:00 EST		0	Thunderstorm Wind (EG 61 kt)
	08/20/19 17:00 EST		0	Source: State Official

A tree was knocked down onto a garage in the 26200 block of Forest Hall Drive. A tree was blown down across the road near the intersection of Morganza Turner Road and Johnson Manor Farm Lane. Another tree was blown down blocking the road in the 25600 block of Colton Point Road. A tree was also blown down blocking the road near Colton Point Road and Doctor Johnson Road. A tree was blown down onto power lines across the road in the 28900 block of Point Lookout Road. Several trees were also blown down on Reintzell Lane. Another tree was blown down partially blocking Laurel Grove Road.

MONTGOMERY COUNTY --- 1.4 N BROOKEVILLE [39.20, -77.07]

	08/20/19 17:11 EST		0	Thunderstorm Wind (EG 50 kt)
	08/20/19 17:11 EST		0	Source: State Official

A tree was blown down onto wires and utility poles near the intersection of Georgia Avenue and Gregg Road.

ST. MARY'S COUNTY --- 0.5 W LOVEVILLE [38.37, -76.69]

	08/20/19 17:12 EST		0	Thunderstorm Wind (EG 50 kt)
	08/20/19 17:12 EST		0	Source: State Official

A tree was blown down across the road in the 27100 block of Point Lookout Road.

ST. MARY'S COUNTY --- 1.8 SE LOVEVILLE [38.35, -76.66]

	08/20/19 17:14 EST		0	Thunderstorm Wind (EG 50 kt)
	08/20/19 17:14 EST		0	Source: State Official

A tree was blown down blocking Friendship School Road in the 25600 block.

FREDERICK COUNTY --- 2.2 ENE BRADDOCK HGTS [39.44, -77.46]

	08/20/19 18:12 EST		0	Thunderstorm Wind (EG 50 kt)
	08/20/19 18:12 EST		0	Source: State Official

A tree was blown down onto wires along Kemp Lane. A tree was also blown down near the intersection of Rocky Springs Road and Old Receiver Road. Another tree was blown down along Ellsworth Way.

FREDERICK COUNTY --- 0.5 E NEW MIDWAY [39.57, -77.29]

	08/20/19 18:27 EST		0	Thunderstorm Wind (EG 50 kt)
	08/20/19 18:27 EST		0	Source: State Official

A tree was blown down in New Midway. Another tree was blown down along Legore Bridge Road.

A mesoscale convective system (MCS) and its associated energy was moving across central West Virginia on the morning of August 20th. As this moved eastward into the region during the afternoon and evening hours, it served as the focus for additional shower and thunderstorm development. Significant amounts of instability and steepening low level lapse rates led some of these thunderstorms to become severe.

PRINCE GEORGE'S COUNTY --- 0.5 E BERWYN [38.98, -76.92]

	08/21/19 17:10 EST		0	Thunderstorm Wind (MG 55 kt)
	08/21/19 17:10 EST		0	Source: AWOS

A 55-knot (63 mph) wind gust was measured at College Park Airport. A single engine, 4000-pound airplane flipped and began leaking fuel. A tree was blown down on wires along Dartmouth Avenue. Another tree was blown down onto a house on Girard Avenue. A tree was blown down on Pony Trail Lane. Several other trees were blown down along Calvert Road.

PRINCE GEORGE'S COUNTY --- 0.7 N LANDOVER [38.94, -76.92]

	08/21/19 17:14 EST		0	Thunderstorm Wind (EG 50 kt)
	08/21/19 17:14 EST		0	Source: State Official

A tree was blown down on wires on Newton Street.

Storm Data and Unusual Weather Phenomena - August 2019

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
ANNE ARUNDEL COUNTY --- 0.5 E SOUTH RIVER [38.90, -76.59]				
	08/21/19 17:47 EST		0	Thunderstorm Wind (EG 50 kt)
	08/21/19 17:47 EST		0	Source: State Official
A tree was blown down on MD-2 at Old Birdsville Road.				
ANNE ARUNDEL COUNTY --- 1.3 ENE SUDLEY [38.83, -76.56]				
	08/21/19 17:56 EST		0	Thunderstorm Wind (EG 50 kt)
	08/21/19 17:56 EST		0	Source: State Official
A large tree limb was blown down on Muddy Creek Road at Shady Oaks Road.				
<p>An upper level trough crossed the Appalachian Mountains during the morning of August 21st and moved through the region during the mid to late afternoon hours, followed by a second weaker trough in the evening. At the surface, a weak pressure trough gradually pushed eastward through the day as well. Modest amounts of instability and deep layer shear were present during the afternoon and evening when these features moved across and a few isolated strong to locally severe thunderstorms were able to develop in central Maryland near Washington DC.</p>				
WASHINGTON COUNTY --- 1.4 N CHEWSVILLE [39.67, -77.63]				
	08/22/19 17:04 EST		0	Thunderstorm Wind (EG 50 kt)
	08/22/19 17:04 EST		0	Source: State Official
A tree was blown down on Little Antietam Road near Serenity Drive.				
WASHINGTON COUNTY --- 0.7 N CAVETOWN [39.66, -77.58]				
	08/22/19 17:09 EST		0	Thunderstorm Wind (MG 51 kt)
	08/22/19 17:09 EST		0	Source: Mesonet
A 51-knot (59 mph) wind gust was measured at Smithsburg Middle School.				
WASHINGTON COUNTY --- 0.9 NE CAVETOWN [39.66, -77.57]				
	08/22/19 17:12 EST		0	Thunderstorm Wind (EG 61 kt)
	08/22/19 17:12 EST		0	Source: State Official
Numerous trees were blown down in the Smithsburg area.				
FREDERICK COUNTY --- 0.9 NE FOXVILLE [39.64, -77.49]				
	08/22/19 17:15 EST		0	Thunderstorm Wind (EG 61 kt)
	08/22/19 17:15 EST		0	Source: State Official
Multiple trees were blown down along MD-77 Foxville Road near Tower Road.				
FREDERICK COUNTY --- 1.7 ESE FOXVILLE [39.62, -77.47]				
	08/22/19 17:20 EST		0	Thunderstorm Wind (EG 61 kt)
	08/22/19 17:20 EST		0	Source: State Official
Multiple trees were blown down on Catoclin Mountain Road near William Houck Drive.				
FREDERICK COUNTY --- 0.7 S JIMTOWN [39.59, -77.40]				
	08/22/19 17:29 EST		0	Thunderstorm Wind (EG 70 kt)
	08/22/19 17:29 EST		0	Source: State Official
Numerous large trees, wires, and poles were blown down near the intersection of Hessong Bridge Road and Blue Mountain Road.				
FREDERICK COUNTY --- 1.1 E THURMONT [39.62, -77.40]				
	08/22/19 17:29 EST		0	Hail (1.75 in)
	08/22/19 17:29 EST		0	Source: Trained Spotter
Golf ball-sized hail (1.75" in diameter) was reported near Thurmont Elementary School.				
FREDERICK COUNTY --- 0.5 E WOODSBORO [39.53, -77.31]				

Storm Data and Unusual Weather Phenomena - August 2019

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	08/22/19 17:45 EST		0	Thunderstorm Wind (EG 70 kt)
	08/22/19 17:45 EST		0	Source: State Official
Numerous trees were blown down on Copper Oaks Drive. Another tree fell onto a car on Second Street.				
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FREDERICK COUNTY --- 0.7 N JOHNSVILLE [39.54, -77.23]				
	08/22/19 17:50 EST		0	Thunderstorm Wind (EG 50 kt)
	08/22/19 17:50 EST		0	Source: State Official
A tree was blown down blocking MD-75 Green Valley Road near Handboard Road.				
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CARROLL COUNTY --- UNION BRIDGE [39.57, -77.18]				
	08/22/19 17:52 EST		0	Thunderstorm Wind (EG 61 kt)
	08/22/19 17:52 EST		0	Source: Public
An open-faced pole barn was blown down.				
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CARROLL COUNTY --- 1.5 SSW GUNPOWDER [39.70, -76.84]				
	08/22/19 18:11 EST		0	Thunderstorm Wind (EG 50 kt)
	08/22/19 18:11 EST		0	Source: State Official
Trees were blown down on Alesia Lineboro Road.				
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CARROLL COUNTY --- 0.9 SW SAMS CREEK [39.49, -77.11]				
	08/22/19 18:29 EST		0	Thunderstorm Wind (EG 50 kt)
	08/22/19 18:29 EST		0	Source: State Official
A tree was blown down along Sams Creek Road.				
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HARFORD COUNTY --- 0.9 SE CLAYTON [39.42, -76.32]				
	08/22/19 19:25 EST		0	Thunderstorm Wind (EG 50 kt)
	08/22/19 19:25 EST		0	Source: Emergency Manager
A tree was blown down blocking part of Harford Square Drive near Hanson Road.				
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MONTGOMERY COUNTY --- 0.9 SE CLOPPER [39.14, -77.22]				
	08/22/19 19:30 EST		0	Thunderstorm Wind (EG 50 kt)
	08/22/19 19:30 EST		0	Source: State Official
Multiple trees and wires were blown down in the Germantown, Gaithersburg, Montgomery Village area.				
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HARFORD COUNTY --- 0.7 S SEWELL [39.46, -76.25]				
	08/22/19 19:35 EST		0	Thunderstorm Wind (EG 61 kt)
	08/22/19 19:35 EST		0	Source: Emergency Manager
Several large trees were blown down in the Abingdon area.				
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MONTGOMERY COUNTY --- 0.9 SE LAYTONSVILLE [39.21, -77.14]				
	08/22/19 19:35 EST		0	Thunderstorm Wind (EG 61 kt)
	08/22/19 19:35 EST		0	Source: State Official
Several reports of trees being blown down were received in the Laytonsville and Sandy Springs area.				
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ANNE ARUNDEL COUNTY --- EARLEIGH HGTS [39.10, -76.55]				
	08/22/19 20:25 EST		0	Thunderstorm Wind (EG 50 kt)
	08/22/19 20:25 EST		0	Source: Trained Spotter
A tree was blown down at the intersection of MD-648 and Magothy Bridge Road.				
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ANNE ARUNDEL COUNTY --- SOLLEY [39.17, -76.57]				
	08/22/19 20:25 EST		0	Thunderstorm Wind (EG 61 kt)
	08/22/19 20:25 EST		0	Source: Fire Department/Rescue

Storm Data and Unusual Weather Phenomena - August 2019

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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Trees, wires, and poles were blown down near the intersection of Marley Neck Boulevard and Creekside Village Boulevard.

Hot and humid conditions overspread the area on August 22nd ahead of an approaching cold front and upper level trough. This warmth and humidity allowed for the development of significant amounts of instability by the afternoon hours. Convection during the afternoon and evening hours was initially focused along a remnant mesoscale convective system across central Virginia. However, additional areas of development occurred as upper level energy from Kentucky and West Virginia moved eastward and into the region and the cold front moved southeastward from Pennsylvania. Some of the thunderstorms became severe.

BALTIMORE COUNTY --- 2.4 NNW SPARROWS PT [39.30, -76.59], 2.4 NNW SPARROWS PT [39.30, -76.59], 2.4 NNW SPARROWS PT [39.30, -76.59], 2.4 NNW SPARROWS PT [39.30, -76.59]

08/22/19 20:30 EST	0	Flood (due to Heavy Rain)
08/22/19 22:30 EST	0	Source: Broadcast Media

The 1100 block of North Wolfe Street was closed due to flooding.

There was an isolated incident from flooding due to locally heavy rain.

(MD-Z014) ANNE ARUNDEL, (MD-Z017) ST. MARY'S

08/26/19 20:30 EST	0	Coastal Flood
08/27/19 01:27 EST	0	

Increased easterly and onshore flow led to increased water level anomalies and coastal flooding along the western shore of the Chesapeake Bay and lower Tidal Potomac River.

VIRGINIA, North

(VA-Z026) ROCKINGHAM, (VA-Z027) SHENANDOAH, (VA-Z029) PAGE, (VA-Z037) ALBEMARLE, (VA-Z038) GREENE, (VA-Z039) MADISON, (VA-Z040) RAPPAHANNOCK, (VA-Z051) CULPEPER, (VA-Z052) PRINCE WILLIAM, (VA-Z502) SOUTHERN FAUQUIER

08/01/19 02:00 EST	0	Dense Fog
08/01/19 08:00 EST	0	

Saturated soils from the previous evening's rain, light winds, and clearing skies led to the formation of fog, some of which became dense with visibilities reduced to a quarter of a mile or less.

STAUNTON (C) COUNTY --- 0.9 NE STAUNTON [38.16, -79.06]

08/01/19 16:20 EST	0	Thunderstorm Wind (EG 50 kt)
08/01/19 16:20 EST	0	Source: Law Enforcement

Numerous large tree limbs were blown down blocking roads in Staunton.

AUGUSTA COUNTY --- 1.8 NE JOLIVUE [38.12, -79.06]

08/01/19 16:36 EST	0	Hail (1.00 in)
08/01/19 16:36 EST	0	Source: Broadcast Media

Quarter-sized hail (1.0") was reported on Barterbrook Road.

AUGUSTA COUNTY --- 0.5 E STUARTS DRAFT [38.03, -79.02]

08/01/19 17:00 EST	0	Hail (0.88 in)
08/01/19 17:00 EST	0	Source: Broadcast Media

AUGUSTA COUNTY --- STUARTS DRAFT [38.03, -79.03]

08/01/19 17:04 EST	0	Thunderstorm Wind (EG 50 kt)
08/01/19 17:04 EST	0	Source: Trained Spotter

Multiple trees and wires were blown down in the Stuarts Draft area.

ALBEMARLE COUNTY --- 60.3 N MADISONVILLE [38.04, -78.49]

08/01/19 19:55 EST	0	Hail (1.00 in)
08/01/19 19:55 EST	0	Source: Public

Storm Data and Unusual Weather Phenomena - August 2019

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Hail up to the size of quarters (1.0") was reported in Charlottesville.				
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ORANGE COUNTY --- 1.8 NW VULCAN [38.24, -77.94]	08/01/19 20:30 EST	0		Thunderstorm Wind (EG 50 kt)
	08/01/19 20:30 EST	0		Source: State Official
A tree was blown down near the intersection of Independence Road and Daffodil Lane.				
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ORANGE COUNTY --- 1.1 W PIERCES SHOP [38.23, -78.07]	08/01/19 20:40 EST	0		Thunderstorm Wind (EG 61 kt)
	08/01/19 20:40 EST	0		Source: State Official
Trees were blown down near the intersection of VA-650 Independence Road and Magnolia Drive.				
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ORANGE COUNTY --- 1.3 WSW PIERCES SHOP [38.23, -78.07]	08/01/19 20:40 EST	0		Thunderstorm Wind (EG 50 kt)
	08/01/19 20:40 EST	0		Source: Trained Spotter
Two large trees were blown down near the intersection of VA-612 Monrovia Road and Brick Church Road.				
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ORANGE COUNTY --- LAHORE [38.20, -77.97]	08/01/19 20:44 EST	0		Thunderstorm Wind (EG 61 kt)
	08/01/19 20:44 EST	0		Source: State Official
Trees were blown down near the intersection of VA-669 Marquis Road and VA-629 Lahore Road.				
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ORANGE COUNTY --- 1.1 E PIERCES SHOP [38.23, -78.03]	08/01/19 20:48 EST	0		Thunderstorm Wind (EG 50 kt)
	08/01/19 20:48 EST	0		Source: State Official
A large tree, 3 feet in diameter, was blown down across the 19400 block of Lahore Road.				
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ALBEMARLE COUNTY --- 0.7 N IVY [38.06, -78.60]	08/01/19 21:42 EST	0		Thunderstorm Wind (EG 50 kt)
	08/01/19 21:42 EST	0		Source: State Official
A tree was blown down on Ivy Lane near Morgantown Road.				
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ALBEMARLE COUNTY --- 1.6 W SHADWELL [38.02, -78.43]	08/01/19 21:50 EST	0		Thunderstorm Wind (EG 50 kt)
	08/01/19 21:50 EST	0		Source: State Official
A tree was blown down on Richmond Road near Peter Jefferson Parkway.				
<p>An upper level trough and its associated energy approached and crossed the region during the late afternoon and evening hours of August 1st. At the surface, a frontal boundary remained stalled across central Virginia and into eastern Maryland. Temperatures in the 80s to around 90F combined with dew points in the 60s to near 70F and led to the development of moderate instability across the area during the afternoon hours.</p> <p>Scattered showers and thunderstorms then formed in the afternoon and evening, and some of them became locally severe.</p>				
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ALBEMARLE COUNTY --- 1.6 NE FARMINGTON [38.07, -78.53], 1.5 NE FARMINGTON [38.07, -78.53], 1.5 NE FARMINGTON [38.07, -78.53], 1.6 NE FARMINGTON [38.07, -78.53]	08/01/19 22:30 EST	0		Flood (due to Heavy Rain)
	08/02/19 00:30 EST	0		Source: 911 Call Center
High water was blocking Old Garth Road.				
There was an isolated incident of flooding from locally heavy rain in Albemarle County.				
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ROCKINGHAM COUNTY --- 0.5 ENE BRIDGEWATER ARPT [38.37, -78.96]	08/07/19 08:52 EST	0		Thunderstorm Wind (EG 50 kt)
	08/07/19 08:52 EST	0		Source: Trained Spotter

Storm Data and Unusual Weather Phenomena - August 2019

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
A flag pole and tree limbs were blown down across Hickory Lane in Bridgewater.				
FAUQUIER COUNTY --- 3.5 N MARKHAM [38.95, -77.99]				
	08/07/19 12:48 EST	0		Thunderstorm Wind (EG 50 kt)
	08/07/19 12:48 EST	0		Source: State Official
Trees were blown down in the 1600 and 2200 block of Leeds Manor Road.				
SHENANDOAH COUNTY --- WOODSTOCK [38.88, -78.52]				
	08/07/19 12:50 EST	0		Thunderstorm Wind (EG 50 kt)
	08/07/19 12:50 EST	0		Source: Trained Spotter
A tree was blown down on Burgess Court.				
SHENANDOAH COUNTY --- 1.8 SW DILBECK [38.88, -78.39]				
	08/07/19 13:02 EST	0		Thunderstorm Wind (EG 70 kt)
	08/07/19 13:02 EST	0		Source: Public
Dozens of trees were blown down in the vicinity of Fort Valley Road.				
WARREN COUNTY --- 1.8 SW BETHEL [38.91, -78.29]				
	08/07/19 13:15 EST	0		Thunderstorm Wind (EG 61 kt)
	08/07/19 13:15 EST	0		Source: State Official
Several trees were blown down along VA-619 near the intersection with Panhandle Road.				
FAUQUIER COUNTY --- 0.9 SE BETHEL [38.76, -77.81]				
	08/07/19 14:00 EST	0		Thunderstorm Wind (EG 50 kt)
	08/07/19 14:00 EST	0		Source: State Official
A tree was blown down onto a power line near the intersection of US-15 and Blantyre Road.				
FALLS CHURCH (C) COUNTY --- FALLS CHURCH [38.88, -77.18]				
	08/07/19 14:56 EST	0		Thunderstorm Wind (EG 50 kt)
	08/07/19 14:56 EST	0		Source: State Official
Large tree limbs were blown down blocking the roadway at the intersection of Westmoreland Road and Washington Avenue.				
FAIRFAX COUNTY --- 1.4 N CLIFTON [38.80, -77.38]				
	08/07/19 15:01 EST	0		Thunderstorm Wind (EG 50 kt)
	08/07/19 15:01 EST	0		Source: State Official
A tree was blown down with wires on Newman Road between Colchester Road and Fairfax Station Road.				
An upper level disturbance and remnant mesoscale convective vortex (MCV) crossed the region during the afternoon hours of August 7th. This, combined with moderate amounts of instability, led to the development of scattered showers and thunderstorms across portions of northern and central Virginia. A couple of these thunderstorms became severe.				
ALBEMARLE COUNTY --- 1.8 ENE (CHO)CHARLOTTESVILLE [38.16, -78.42]				
	08/13/19 17:57 EST	0		Thunderstorm Wind (EG 50 kt)
	08/13/19 17:57 EST	0		Source: Law Enforcement
A tree was blown down near the intersection of Seminole Trail and Boulders Road.				
ALBEMARLE COUNTY --- 0.9 SW EARLYSVILLE [38.16, -78.49]				
	08/13/19 18:02 EST	0		Thunderstorm Wind (EG 50 kt)
	08/13/19 18:02 EST	0		Source: Trained Spotter
A 1-foot in diameter tree limb snapped off a sugar maple tree at Brodus Wood Elementary School.				
MANASSAS (C) COUNTY --- 2.1 NNE MANASSAS [38.78, -77.47]				

Storm Data and Unusual Weather Phenomena - August 2019

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	08/13/19 19:58 EST		0	Thunderstorm Wind (EG 50 kt)
	08/13/19 19:58 EST		0	Source: State Official
A tree was blown down onto wires off of Kent Drive.				
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FAIRFAX COUNTY --- 1.1 W CENTREVILLE [38.83, -77.44]				
	08/13/19 20:06 EST		0	Thunderstorm Wind (EG 50 kt)
	08/13/19 20:06 EST		0	Source: State Official
A tree was blown down onto a car in the 6200 block of Multiplex Drive.				
A mesoscale convective vortex (MCV) traversed the region during the morning hours of August 13th. Behind the MCV, subsidence moved overhead, thus limiting the extent and severity of convection. However, warm and moist low levels still led to some instability, and as a cold front approached the region in the evening, some showers and thunderstorms developed, and a couple become locally severe.				
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MADISON COUNTY --- 1.8 SE BRIGHTWOOD [38.40, -78.18]				
	08/15/19 02:30 EST		0	Thunderstorm Wind (EG 50 kt)
	08/15/19 02:30 EST		0	Source: State Official
A tree was blown down at the intersection of VA-629 and VA-699.				
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CULPEPER COUNTY --- 3.8 W MITCHELLS [38.38, -78.10]				
	08/15/19 02:46 EST		0	Thunderstorm Wind (EG 50 kt)
	08/15/19 02:46 EST		0	Source: State Official
A tree was blown down near the 8300 block of North James Madison Highway.				
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LOUDOUN COUNTY --- 0.7 S SUNNY BANK [38.97, -77.70]				
	08/15/19 13:20 EST		0	Thunderstorm Wind (EG 50 kt)
	08/15/19 13:20 EST		0	Source: State Official
Both lanes of US-50 were shut down at Four Chimneys Lane due to downed power lines and trees from strong winds.				
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LOUDOUN COUNTY --- 0.9 NE DOVER [38.98, -77.66]				
	08/15/19 13:25 EST		0	Thunderstorm Wind (EG 50 kt)
	08/15/19 13:25 EST		0	Source: NWS Employee
A tree was blown down blocking the driveway to Briar Patch Bed and Breakfast.				
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LOUDOUN COUNTY --- 0.9 SE ALDIE [38.96, -77.62]				
	08/15/19 13:45 EST		0	Thunderstorm Wind (EG 50 kt)
	08/15/19 13:45 EST		0	Source: Broadcast Media
A tree was blown down onto US-15 near Braddock Road.				
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FAIRFAX COUNTY --- 0.7 S (IAD)DULLES INTL ARP [38.94, -77.45]				
	08/15/19 14:19 EST		0	Thunderstorm Wind (MG 57 kt)
	08/15/19 14:19 EST		0	Source: ASOS
A 57-knot (66 mph) wind gust was measured at Washington Dulles International Airport.				
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FAIRFAX COUNTY --- 1.3 WSW CHANTILLY [38.89, -77.45]				
	08/15/19 14:25 EST		0	Thunderstorm Wind (EG 50 kt)
	08/15/19 14:25 EST		0	Source: State Official
A tree was blown down on VA-28 Sully Road near Willard Road. Several other trees were also blown down in the immediate area.				
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FAIRFAX COUNTY --- 1.5 SSE CENTREVILLE [38.81, -77.41]				
	08/15/19 14:40 EST		0	Thunderstorm Wind (EG 50 kt)
	08/15/19 14:40 EST		0	Source: State Official
A tree was blown down in the 6600 block of Briar Croft Road.				

Storm Data and Unusual Weather Phenomena - August 2019

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
SHENANDOAH COUNTY --- GEORGETOWN [38.73, -78.67]				
	08/15/19 16:50 EST		0	Thunderstorm Wind (EG 61 kt)
	08/15/19 16:50 EST		0	Source: State Official
Multiple trees were reported down in the area of Turkey Knob Road and Wissler Road. Damage to barns was also reported along Old Valley Road near Daniel Gray Drive.				
SHENANDOAH COUNTY --- 0.7 N HAWKINSTOWN [38.78, -78.60]				
	08/15/19 16:55 EST		0	Thunderstorm Wind (EG 61 kt)
	08/15/19 16:55 EST		0	Source: State Official
Reports were received of multiple barns damaged along Old Valley Pike near Red Banks Road.				
SHENANDOAH COUNTY --- 1.3 ENE MT JACKSON [38.76, -78.63]				
	08/15/19 16:55 EST		0	Hail (1.00 in)
	08/15/19 16:55 EST		0	Source: Public
Quarter sized hail (1 inch in diameter) was reported at a convenience store in Mount Jackson.				
PAGE COUNTY --- 0.5 W KIMBALL [38.68, -78.43]				
	08/15/19 17:30 EST		0	Thunderstorm Wind (EG 50 kt)
	08/15/19 17:30 EST		0	Source: State Official
A few trees were blown down near Luray.				
AUGUSTA COUNTY --- 0.7 S GROTTOES [38.26, -78.83]				
	08/15/19 17:54 EST		0	Hail (1.75 in)
	08/15/19 17:54 EST		0	Source: State Official
Golf ball sized hail (1.75" in diameter) was reported near Grottoes.				
AUGUSTA COUNTY --- 0.7 S FT DEFIANCE [38.24, -78.97]				
	08/15/19 18:00 EST		0	Hail (1.00 in)
	08/15/19 18:00 EST		0	Source: Public
Quarter-sized hail (1" in diameter) was reported northeast of Verona.				
PAGE COUNTY --- 0.5 E COMERTOWN [38.50, -78.59]				
	08/15/19 18:04 EST		0	Thunderstorm Wind (EG 50 kt)
	08/15/19 18:04 EST		0	Source: State Official
Trees were blown down in Comertown and Fleeburg.				
AUGUSTA COUNTY --- 0.9 SW NEW HOPE [38.19, -78.91]				
	08/15/19 18:07 EST		0	Hail (1.25 in)
	08/15/19 18:07 EST		0	Source: Public
Half dollar sized hail (1.25" in diameter) was reported north of Hermitage.				
MADISON COUNTY --- 2.1 SW NOVUM [38.46, -78.21]				
	08/15/19 18:55 EST		0	Thunderstorm Wind (EG 50 kt)
	08/15/19 18:55 EST		0	Source: Emergency Manager
A tree was blown down on West Hoover Road.				
MADISON COUNTY --- 1.5 NNW ARODA [38.35, -78.24]				
	08/15/19 19:09 EST		0	Thunderstorm Wind (EG 50 kt)
	08/15/19 19:09 EST		0	Source: State Official
A tree was blown down on Carpenter Mill Road near Tom Johnson Road.				

Storm Data and Unusual Weather Phenomena - August 2019

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
MADISON COUNTY --- 1.3 ENE OAKPARK [38.38, -78.15]				
	08/15/19 19:17 EST		0	Thunderstorm Wind (EG 50 kt)
	08/15/19 19:17 EST		0	Source: Emergency Manager
A tree was blown down on Beahm Town Road.				
ORANGE COUNTY --- 1.1 E ORANGE [38.25, -78.10]				
	08/15/19 19:47 EST		0	Thunderstorm Wind (EG 61 kt)
	08/15/19 19:47 EST		0	Source: Public
Trees were blown down onto a house in 100 block of Scott Street. Another tree was also blown down in the 400 block of East Main Street.				
ORANGE COUNTY --- 0.7 S ORANGE CO ARPT [38.24, -78.05]				
	08/15/19 19:59 EST		0	Thunderstorm Wind (EG 61 kt)
	08/15/19 19:59 EST		0	Source: State Official
Trees were blown down onto a house in the 18000 block of Constitution Highway. Trees were also blown down on May Lane along VA-20 near Orange. Additionally, about 30 trees were blown down across central Orange County.				
ALBEMARLE COUNTY --- 0.7 N CASH CORNER [38.09, -78.28]				
	08/15/19 20:21 EST		0	Thunderstorm Wind (EG 50 kt)
	08/15/19 20:21 EST		0	Source: State Official
A tree was blown down onto wires in the 1800 block of Saint John Road.				
SPOTSYLVANIA COUNTY --- 0.7 N HOLLADAY [38.13, -77.87]				
	08/15/19 20:35 EST		0	Thunderstorm Wind (EG 50 kt)
	08/15/19 20:35 EST		0	Source: Trained Spotter
Large (5 to 6 inch in diameter) tree limbs were blown down in the 6000 block of EDS Road.				
<p>An upper level trough moved southeastward from the Great Lakes and into the Mid-Atlantic states during the day of August 15th. At the surface, a boundary also moved southeastward from Ohio and into the region. With building instability, scattered showers and thunderstorms developed across the higher elevations in the mid afternoon hours, and then moved eastward during the late afternoon and evening. With relatively strong westerly to west-northwesterly flow aloft, deep layer shear increased and that, combined with the instability, led to some thunderstorms becoming strong to locally severe.</p>				
FAIRFAX COUNTY --- 1.5 SSW OAKTON [38.86, -77.31], 1.6 SSW OAKTON [38.86, -77.31], 1.6 SSW OAKTON [38.86, -77.31], 1.5 SSW OAKTON [38.86, -77.31]				
	08/15/19 15:25 EST		0	Flood (due to Heavy Rain)
	08/15/19 17:25 EST		0	Source: Broadcast Media
Route 50 was closed at VA-123 in the city of Fairfax due to high water.				
FAIRFAX COUNTY --- 2.1 SE OAKTON [38.86, -77.27], 2.0 SE OAKTON [38.86, -77.27], 2.0 SE OAKTON [38.86, -77.27], 2.1 SE OAKTON [38.86, -77.27]				
	08/15/19 16:00 EST		0	Flood (due to Heavy Rain)
	08/15/19 18:00 EST		0	Source: 911 Call Center
One lane was closed due to flooding on Pickett Road near Old Pickett Road.				
ORANGE COUNTY --- ORANGE [38.25, -78.12], 0.8 S ORANGE [38.24, -78.12], 1.6 SE ORANGE [38.24, -78.09], 0.9 E ORANGE [38.25, -78.10]				
	08/15/19 19:50 EST		0	Flood (due to Heavy Rain)
	08/15/19 21:50 EST		0	Source: 911 Call Center
Several streets through the town of Orange were closed due to flooding.				
MADISON COUNTY --- 0.7 SW NOVUM [38.47, -78.19], 0.8 SW NOVUM [38.47, -78.19], 1.0 SW NOVUM [38.47, -78.19], 0.8 WSW NOVUM [38.47, -78.19]				
	08/15/19 20:23 EST		0	Flood (due to Heavy Rain)
	08/15/19 22:23 EST		0	Source: Emergency Manager
The creek was out of its banks and flowing over Novum Church Road.				

Storm Data and Unusual Weather Phenomena - August 2019

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
NELSON COUNTY --- 0.8 SE LOVINGSTON [37.76, -78.87], 0.9 SSE LOVINGSTON [37.76, -78.87], 0.9 SE LOVINGSTON [37.76, -78.87], 0.8 SE LOVINGSTON [37.76, -78.87]				
	08/15/19 23:30 EST		0	Flood (due to Heavy Rain)
	08/16/19 01:30 EST		0	Source: 911 Call Center
Court Street and Front Street were closed due to high water in Lovingston.				
There was an isolated incident of flooding due to locally heavy rain.				
(VA-Z025) AUGUSTA, (VA-Z026) ROCKINGHAM, (VA-Z027) SHENANDOAH, (VA-Z028) FREDERICK, (VA-Z029) PAGE, (VA-Z030) WARREN, (VA-Z031) CLARKE				
	08/16/19 05:41 EST		0	Dense Fog
	08/16/19 08:00 EST		0	
Saturated soils from the previous evening's rain, light winds, and clearing skies led to the formation of fog, some of which became dense with visibilities reduced to a quarter of a mile or less.				
FAIRFAX COUNTY --- 1.3 ENE HERNDON [38.98, -77.36]				
	08/17/19 18:23 EST		0	Thunderstorm Wind (EG 50 kt)
	08/17/19 18:23 EST		0	Source: Broadcast Media
A tree was blown down at a residence on Stuart Ridge Drive. Other tree limbs were also blown down in the area.				
A hot and humid air mass in place led to increasing amounts of instability across the region. This fostered the development of a few showers and thunderstorms, one of which became locally severe.				
FAUQUIER COUNTY --- 2.8 WSW MORRISVILLE [38.49, -77.73]				
	08/18/19 15:54 EST		0	Thunderstorm Wind (EG 50 kt)
	08/18/19 15:54 EST		0	Source: State Official
A tree was reported blown down onto wires in the 5400 block of Courtneys Corner Road.				
ROCKINGHAM COUNTY --- 1.8 NE ROWLEY SPGS [38.52, -79.05]				
	08/18/19 16:44 EST		0	Thunderstorm Wind (EG 50 kt)
	08/18/19 16:44 EST		0	Source: State Official
Trees were reported down on Rawley Pike.				
ROCKINGHAM COUNTY --- CHERRY GROVE [38.58, -78.87]				
	08/18/19 16:44 EST		0	Thunderstorm Wind (EG 50 kt)
	08/18/19 16:44 EST		0	Source: State Official
A tree was blown down on Cherry Grove Road.				
SHENANDOAH COUNTY --- 1.3 ESE CAPON RD [38.99, -78.35]				
	08/18/19 18:05 EST		0	Thunderstorm Wind (EG 50 kt)
	08/18/19 18:05 EST		0	Source: State Official
A tree was blown down on East Fairchild Drive.				
A hot and humid air mass in place led to increasing amounts of instability across the region. This fostered the development of a few showers and thunderstorms, a couple of which became locally severe.				
(VA-Z052) PRINCE WILLIAM, (VA-Z055) STAFFORD				
	08/19/19 11:00 EST		0	Heat
	08/19/19 18:00 EST		0	
As surface high pressure moved offshore, southerly flow brought increasing warmth and humidity, combining to create heat index values in excess of 105 degrees in portions of northeastern Virginia.				
ROCKINGHAM COUNTY --- 2.2 E PARK VIEW [38.47, -78.84]				

Storm Data and Unusual Weather Phenomena - August 2019

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	08/19/19 15:51 EST		0	Thunderstorm Wind (EG 50 kt)
	08/19/19 15:51 EST		0	Source: Broadcast Media
A barn roof was blown off near the intersection of US-11 and Smithland Road.				
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ROCKINGHAM COUNTY --- 0.7 S KEEZLETOWN [38.41, -78.80]				
	08/19/19 16:04 EST		0	Thunderstorm Wind (EG 61 kt)
	08/19/19 16:04 EST		0	Source: State Official
Multiple trees were reported blown down in the Mountain Valley Road area near Keezletown. Multiple trees were reported down in the area of Indian Trail Road near Keezletown.				
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ROCKINGHAM COUNTY --- 2.8 N MC GAHEYSVILLE [38.41, -78.74]				
	08/19/19 16:08 EST		0	Thunderstorm Wind (EG 50 kt)
	08/19/19 16:08 EST		0	Source: Public
Numerous large tree limbs were blown down in Massanutten.				
<hr/>				
ALBEMARLE COUNTY --- GREENWOOD [38.05, -78.77]				
	08/19/19 16:11 EST		0	Hail (0.75 in)
	08/19/19 16:11 EST		0	Source: Public
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ALBEMARLE COUNTY --- 2.3 WNW BATESVILLE [38.01, -78.77]				
	08/19/19 16:20 EST		0	Hail (1.00 in)
	08/19/19 16:20 EST		0	Source: Public
Quarter-sized hail (1.0" in diameter) was observed near the intersection of Dick Woods Road and Ortman Road.				
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CULPEPER COUNTY --- GRIFFINSBURG [38.52, -78.10]				
	08/19/19 16:38 EST		0	Thunderstorm Wind (EG 50 kt)
	08/19/19 16:38 EST		0	Source: State Official
A tree was blown down on Sperryville Pike near Griffinsburg Road.				
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ALBEMARLE COUNTY --- 1.6 W RIO [38.07, -78.50]				
	08/19/19 16:55 EST		0	Thunderstorm Wind (EG 61 kt)
	08/19/19 16:55 EST		0	Source: Trained Spotter
Multiple trees were blown down across Hydraulic Road.				
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ALBEMARLE COUNTY --- RIO [38.07, -78.47]				
	08/19/19 16:58 EST		0	Thunderstorm Wind (EG 50 kt)
	08/19/19 16:58 EST		0	Source: Broadcast Media
A tree was blown down near Greenbrier Drive and Rio Road. A large tree was blown down blocking parts of Four Seasons Drive in the Rio area. Trees were also reported blown down on Commonwealth Drive.				
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ALBEMARLE COUNTY --- 1.1 E RIO [38.07, -78.45]				
	08/19/19 17:06 EST		0	Thunderstorm Wind (EG 50 kt)
	08/19/19 17:06 EST		0	Source: Public
A tree was blown down on River Oaks Lane in the Dunlora area of the City of Charlottesville.				
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ORANGE COUNTY --- 1.5 NNE EHEART [38.22, -78.31]				
	08/19/19 17:22 EST		0	Thunderstorm Wind (EG 50 kt)
	08/19/19 17:22 EST		0	Source: State Official
A tree was blown down in the 13300 block of Albano Road. Multiple trees were also reported down on Ridge Road near Scuffletown. A tree was blown down in the 5300 block of Ridge Road.				
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MADISON COUNTY --- 1.6 E UNO [38.27, -78.20]				

Storm Data and Unusual Weather Phenomena - August 2019

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	08/19/19 17:30 EST		0	Thunderstorm Wind (EG 50 kt)
	08/19/19 17:30 EST		0	Source: State Official
Multiple trees were blown down on Tatums School Road.				
LOUDOUN COUNTY --- 1.5 SSE ALDIE [38.95, -77.62]				
	08/19/19 20:09 EST		0	Thunderstorm Wind (EG 50 kt)
	08/19/19 20:09 EST		0	Source: State Official
A tree was blown down on Braddock Road near Lacys Tavern Court.				
PRINCE WILLIAM COUNTY --- 1.1 E CATHARPIN [38.85, -77.55]				
	08/19/19 21:49 EST		0	Thunderstorm Wind (EG 50 kt)
	08/19/19 21:49 EST		0	Source: State Official
A tree was blown down on Sudley Road near Gum Springs Road.				
FAIRFAX COUNTY --- 1.1 W MERRIFIELD [38.87, -77.25]				
	08/19/19 21:59 EST		0	Thunderstorm Wind (EG 50 kt)
	08/19/19 21:59 EST		0	Source: State Official
A tree was blown down on US-50 near Cedar Lane.				
A weak mid level trough crossed the region on August 19th, and that combined with significant amounts of instability led to the development of isolated to scattered showers and thunderstorms. A few of these thunderstorms became strong to locally severe.				
SHENANDOAH COUNTY --- 0.9 NW NEW MARKET ARPT [38.66, -78.71]				
	08/20/19 15:50 EST		0	Thunderstorm Wind (MG 53 kt)
	08/20/19 15:50 EST		0	Source: AWOS
A 53-knot (61 mph) wind gust was measured at New Market Airport.				
ROCKINGHAM COUNTY --- 1.8 ESE HUPP [38.61, -78.70]				
	08/20/19 15:53 EST		0	Thunderstorm Wind (EG 50 kt)
	08/20/19 15:53 EST		0	Source: State Official
A tree was blown down onto wires near North Valley Pike and Endless Caverns Road. A tree was also blown down in the 13700 block of North Valley Pike. Another tree was blown down on Piney Woods Road.				
FAIRFAX COUNTY --- 0.9 SW SUNSET HILLS [38.94, -77.36]				
	08/20/19 15:58 EST		0	Thunderstorm Wind (EG 50 kt)
	08/20/19 15:58 EST		0	Source: State Official
A tree was blown down blocking South Lakes Drive at Reston Parkway.				
FAIRFAX COUNTY --- 1.1 E CHANTILLY [38.90, -77.41]				
	08/20/19 16:05 EST		0	Thunderstorm Wind (EG 50 kt)
	08/20/19 16:05 EST		0	Source: Trained Spotter
One tree and several large limbs were blown down throughout the Franklin Glen Subdivision. A large tree also fell along Hannahs Pond Road.				
SHENANDOAH COUNTY --- 0.5 E NEW MARKET ARPT [38.65, -78.69]				
	08/20/19 16:07 EST		0	Thunderstorm Wind (EG 61 kt)
	08/20/19 16:07 EST		0	Source: Broadcast Media
A few trees were uprooted at a residence along New Market Road just west of New Market.				
ROCKINGHAM COUNTY --- 0.5 W EDOM [38.52, -78.86]				
	08/20/19 16:12 EST		0	Thunderstorm Wind (EG 50 kt)
	08/20/19 16:12 EST		0	Source: State Official
A tree was blown down on Green Hill Road.				

Storm Data and Unusual Weather Phenomena - August 2019

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
ROCKINGHAM COUNTY --- 1.3 ESE SPRING CREEK [38.39, -79.01]				
	08/20/19 16:16 EST	0		Thunderstorm Wind (EG 50 kt)
	08/20/19 16:16 EST	0		Source: Broadcast Media
A large limb was blown from a tree near Bridgewater.				
ROCKINGHAM COUNTY --- SPRING CREEK [38.40, -79.03]				
	08/20/19 16:16 EST	0		Thunderstorm Wind (EG 50 kt)
	08/20/19 16:16 EST	0		Source: State Official
A tree was blown down on Nazarene Church Road.				
FAIRFAX COUNTY --- 1.8 NE HERNDON HGTS [39.00, -77.38]				
	08/20/19 16:19 EST	0		Thunderstorm Wind (EG 50 kt)
	08/20/19 16:19 EST	0		Source: Trained Spotter
A large tree was blown down blocking Dranesville Road at Powells Tavern Place.				
FAIRFAX COUNTY --- 1.8 NE HERNDON [38.99, -77.36]				
	08/20/19 16:22 EST	0		Hail (1.00 in)
	08/20/19 16:22 EST	0		Source: Trained Spotter
Quarter-sized hail (1.0" in diameter) was reported near Herndon.				
STAFFORD COUNTY --- 0.5 W WHITE OAK [38.30, -77.38]				
	08/20/19 16:41 EST	0		Thunderstorm Wind (EG 50 kt)
	08/20/19 16:41 EST	0		Source: Trained Spotter
A tree was blown down on VA-218 in White Oak.				
FREDERICK COUNTY --- 62.9 SE DBL TOLLGATE [38.29, -77.49]				
	08/20/19 17:09 EST	0		Thunderstorm Wind (EG 50 kt)
	08/20/19 17:09 EST	0		Source: Public
Several trees and limbs were blown down on Chase Lane.				
STAFFORD COUNTY --- 2.1 S FERRY FARMS [38.29, -77.43]				
	08/20/19 17:09 EST	0		Thunderstorm Wind (EG 50 kt)
	08/20/19 17:09 EST	0		Source: Public
Several trees were snapped on Duke Avenue, with one falling onto a house.				
GREENE COUNTY --- 0.5 W STANDARDSVILLE [38.30, -78.44]				
	08/20/19 17:19 EST	0		Thunderstorm Wind (EG 50 kt)
	08/20/19 17:19 EST	0		Source: Emergency Manager
Three trees were blown down in Stanardsville.				
GREENE COUNTY --- 0.9 NE STANDARDSVILLE [38.31, -78.42]				
	08/20/19 17:23 EST	0		Thunderstorm Wind (EG 50 kt)
	08/20/19 17:23 EST	0		Source: Emergency Manager
Two trees were blown down on South River Road northeast of Stanardsville.				
KING GEORGE COUNTY --- 1.8 ESE EDGEHILL [38.26, -77.10]				
	08/20/19 17:23 EST	0		Thunderstorm Wind (MG 51 kt)
	08/20/19 17:23 EST	0		Source: State Official
A tree was uprooted near the intersection of Pine Hill Road and Melody Lane. A 51-knot (59 mph) wind gust was measured near Dahlgren.				
PRINCE WILLIAM COUNTY --- 1.5 SSW MINNIEVILLE [38.61, -77.36]				

Storm Data and Unusual Weather Phenomena - August 2019

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	08/20/19 17:23 EST		0	Thunderstorm Wind (EG 50 kt)
	08/20/19 17:23 EST		0	Source: State Official
A tree was blown down near the intersection of Waterway Drive and Widewater Drive. Another large tree was blown down in the 15700 block of Cranberry Court.				
LOUDOUN COUNTY --- 1.5 SSE WOODBURN [39.06, -77.61]				
	08/20/19 17:29 EST		0	Thunderstorm Wind (EG 50 kt)
	08/20/19 17:29 EST		0	Source: State Official
A tree was blown down on Delta Diamond Road.				
LOUDOUN COUNTY --- 0.7 N PAEONIAN SPGS [39.14, -77.62]				
	08/20/19 17:33 EST		0	Thunderstorm Wind (EG 50 kt)
	08/20/19 17:33 EST		0	Source: State Official
A tree was blown down on East Colonial Highway at Canby Road.				
PRINCE WILLIAM COUNTY --- 0.5 W TRIANGLE [38.55, -77.34]				
	08/20/19 17:50 EST		0	Thunderstorm Wind (EG 50 kt)
	08/20/19 17:50 EST		0	Source: State Official
A large tree was blown down near the intersection of Cockpit Point Lane and Possum Point Road. Another tree was blown down in the 4100 block of Anderson Road.				
KING GEORGE COUNTY --- 0.9 SE GOBY [38.31, -77.26]				
	08/20/19 18:34 EST		0	Thunderstorm Wind (EG 50 kt)
	08/20/19 18:34 EST		0	Source: State Official
Several trees were blown down on Caledon Drive.				
KING GEORGE COUNTY --- 1.8 SE DOGUE [38.21, -77.20]				
	08/20/19 18:40 EST		0	Thunderstorm Wind (EG 50 kt)
	08/20/19 18:40 EST		0	Source: State Official
A few trees were blown down on Port Conway Road.				
KING GEORGE COUNTY --- 0.9 NW WEEDONVILLE [38.29, -77.18]				
	08/20/19 18:43 EST		0	Thunderstorm Wind (EG 50 kt)
	08/20/19 18:43 EST		0	Source: State Official
A large tree was uprooted near the intersection of Dahlgren Road and Indiantown Road.				
KING GEORGE COUNTY --- 0.7 N PORT CONWAY [38.19, -77.18]				
	08/20/19 18:44 EST		0	Thunderstorm Wind (EG 50 kt)
	08/20/19 18:44 EST		0	Source: State Official
A large tree was uprooted near the intersection of Port Conway Road and James Madison Parkway.				
A mesoscale convective system (MCS) and its associated energy was moving across central West Virginia on the morning of August 20th. As this moved eastward into the region during the afternoon and evening hours, it served as the focus for additional shower and thunderstorm development. Significant amounts of instability and steepening low level lapse rates led some of these thunderstorms to become severe.				
ROCKINGHAM COUNTY --- 1.6 N LILLY [38.49, -79.01], 1.4 N LILLY [38.49, -79.02], 1.1 NE LILLY [38.48, -79.01], 1.6 NE LILLY [38.49, -79.00]				
	08/20/19 17:04 EST		0	Flood (due to Heavy Rain)
	08/20/19 19:04 EST		0	Source: 911 Call Center
Water was flowing over US-33 and this caused traffic to be redirected.				
A weak boundary triggered some showers and thunderstorms. Due to a slow storm motion, a couple incidents of flooding occurred.				
ORANGE COUNTY --- RHOADESVILLE [38.27, -77.92]				

Storm Data and Unusual Weather Phenomena - August 2019

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	08/21/19 16:37 EST		0	Thunderstorm Wind (EG 50 kt)
	08/21/19 16:37 EST		0	Source: State Official

A tree was blown down on Independence Road at Tower Road. Another tree was blown down on Lafayette Drive near Constitution Highway.

SPOTSYLVANIA COUNTY --- 0.9 NW PAYTES [38.23, -77.83]				
	08/21/19 16:51 EST		0	Thunderstorm Wind (EG 50 kt)
	08/21/19 16:51 EST		0	Source: State Official

A tree was blown down on Catharpin Road at Lawyers Road.

SPOTSYLVANIA COUNTY --- 0.5 E LOGAN [38.22, -77.76]				
	08/21/19 17:02 EST		0	Thunderstorm Wind (EG 50 kt)
	08/21/19 17:02 EST		0	Source: State Official

A tree was blown down on Wildwood Knoll Farm Lane at Hard Rock Way.

An upper level trough crossed the Appalachian Mountains during the morning of August 21st and moved through the region during the mid to late afternoon hours, followed by a second weaker trough in the evening. At the surface, a weak pressure trough gradually pushed eastward through the day as well. Modest amounts of instability and deep layer shear were present during the afternoon and evening when these features moved across and a few isolated strong to locally severe thunderstorms were able to develop in portions of central Virginia.

NELSON COUNTY --- 1.8 NW OAK RIDGE [37.72, -78.90]				
	08/22/19 14:20 EST		0	Thunderstorm Wind (EG 50 kt)
	08/22/19 14:20 EST		0	Source: State Official

Multiple trees were blown down near US-29 between Oakridge and Fresh Water Cove.

ALBEMARLE COUNTY --- 0.7 N IVY [38.06, -78.60]				
	08/22/19 14:40 EST		0	Thunderstorm Wind (EG 50 kt)
	08/22/19 14:40 EST		0	Source: State Official

Several trees were blown down blocking roadways in the Ivy and Crozet areas.

NELSON COUNTY --- 2.8 S WARMINSTER [37.64, -78.72]				
	08/22/19 14:45 EST		0	Thunderstorm Wind (EG 50 kt)
	08/22/19 14:45 EST		0	Source: State Official

A railroad pole was blown over near Wingina. Several trees were also blown down in the area.

ALBEMARLE COUNTY --- 1.3 ENE BLEMHHEIM [37.91, -78.48]				
	08/22/19 14:59 EST		0	Thunderstorm Wind (EG 50 kt)
	08/22/19 14:59 EST		0	Source: Broadcast Media

Multiple trees were blown down along Presidents Road near Scottsville.

ALBEMARLE COUNTY --- 60.3 N MADISONVILLE [38.04, -78.49]				
	08/22/19 15:00 EST		0	Thunderstorm Wind (EG 50 kt)
	08/22/19 15:00 EST		0	Source: State Official

Several trees and wires were blown down in and just west of the City of Charlottesville.

WARREN COUNTY --- 1.1 E WAKEMAN MILLS [38.95, -78.26]				
	08/22/19 17:45 EST		0	Thunderstorm Wind (EG 50 kt)
	08/22/19 17:45 EST		0	Source: State Official

A tree was blown down on power lines on Russ Road near the intersection with Totten Lane. Two trees were also blown down near the intersection of Laing Road and Wakeman Mill Road. Another tree was blown down on Mountain Road.

WARREN COUNTY --- 2.8 ESE WATERLICK [38.96, -78.23]				
	08/22/19 17:49 EST		0	Thunderstorm Wind (EG 50 kt)
	08/22/19 17:49 EST		0	Source: State Official

Storm Data and Unusual Weather Phenomena - August 2019

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
A tree was blown down on power lines on North Fork Road.				
WARREN COUNTY --- FRONT ROYAL [38.92, -78.18]				
	08/22/19 17:56 EST	0		Thunderstorm Wind (EG 50 kt)
	08/22/19 17:56 EST	0		Source: State Official
A tree was blown down on Belair Avenue.				
LOUDOUN COUNTY --- 0.5 W LOVETTSVILLE [39.27, -77.64]				
	08/22/19 18:00 EST	0		Thunderstorm Wind (EG 61 kt)
	08/22/19 18:00 EST	0		Source: State Official
Several trees were blown down in the Lovettsville area.				
LOUDOUN COUNTY --- 1.3 ESE WHEATLAND [39.17, -77.65]				
	08/22/19 18:50 EST	0		Thunderstorm Wind (EG 50 kt)
	08/22/19 18:50 EST	0		Source: State Official
Several trees were blown down near VA-9.				
<p>Hot and humid conditions overspread the area on August 22nd ahead of an approaching cold front and upper level trough. This warmth and humidity allowed for the development of significant amounts of instability by the afternoon hours. Convection during the afternoon and evening hours was initially focused along a remnant mesoscale convective system across central Virginia. However, additional areas of development occurred as upper level energy from Kentucky and West Virginia moved eastward and into the region and the cold front moved southeastward from Pennsylvania. Some of the thunderstorms became severe.</p>				
(VA-Z028) FREDERICK, (VA-Z029) PAGE, (VA-Z030) WARREN				
	08/24/19 01:00 EST	0		Dense Fog
	08/24/19 08:00 EST	0		
Saturated soils from the previous evening's rain, light winds, and clearing skies led to the formation of fog, some of which became dense with visibilities reduced to a quarter of a mile or less.				
AUGUSTA COUNTY --- NORTH RIVER CAMP [38.33, -79.20]				
	08/31/19 18:00 EST	0		Thunderstorm Wind (EG 50 kt)
	08/31/19 18:00 EST	0		Source: State Official
A tree was blown down blocking the roadway near Staunton Dam. Trees were also blown down near Churchville.				
A weak cold front moved southward through the day of August 31st. Some instability was still able to develop near the boundary and a few showers and an isolated locally severe thunderstorm developed across portions of western Virginia.				
AUGUSTA COUNTY --- 2.0 SSE NORTH RIVER CAMP [38.31, -79.18], 2.0 SSE NORTH RIVER CAMP [38.31, -79.18], 2.0 SSE NORTH RIVER CAMP [38.31, -79.18], 2.0 SSE NORTH RIVER CAMP [38.31, -79.18]				
	08/31/19 20:45 EST	0		Flood (due to Heavy Rain)
	08/31/19 22:45 EST	0		Source: 911 Call Center
A water rescue was performed in the 2100 Block of Stover Shop Road. The road was impassable due to high water.				
AUGUSTA COUNTY --- 0.3 E STOVER [38.27, -79.14], 0.5 ESE STOVER [38.27, -79.14], 0.5 ESE STOVER [38.27, -79.14], 0.3 ESE STOVER [38.27, -79.14]				
	08/31/19 21:00 EST	0		Flood (due to Heavy Rain)
	08/31/19 23:00 EST	0		Source: State Official
The 900 Block of Stover Shop Road was impassable due to flooding from Elk Run.				
AUGUSTA COUNTY --- 1.0 NE STOVER [38.28, -79.14], 0.8 NE STOVER [38.28, -79.14], 0.9 NE STOVER [38.28, -79.14], 0.9 NE STOVER [38.28, -79.14]				
	08/31/19 21:00 EST	0		Flood (due to Heavy Rain)
	08/31/19 23:45 EST	0		Source: 911 Call Center
Scenic Highway was blocked near Union Church Road due to mud, debris and water across the roadway.				

Storm Data and Unusual Weather Phenomena - August 2019

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
AUGUSTA COUNTY --- 1.2 E STOVER [38.27, -79.13], 1.2 E STOVER [38.27, -79.13], 1.3 E STOVER [38.27, -79.13], 1.3 E STOVER [38.27, -79.13]				
	08/31/19 23:15 EST		0	Flood (due to Heavy Rain)
	08/31/19 23:59 EST		0	Source: 911 Call Center

A water rescue was performed on Union Church Road near Dudley Farm Road. The road was impassable due to flooding from Elk Run.

A boundary near the Potomac Highlands triggered showers and thunderstorms. A slow storm motion caused an isolated incident of flooding.

WEST VIRGINIA, East

(WV-Z055) HARDY, (WV-Z502) EASTERN GRANT				
	08/01/19 02:00 EST		0	Dense Fog
	08/01/19 08:00 EST		0	

Saturated soils from the previous evening's rain, light winds, and clearing skies led to the formation of fog, some of which became dense with visibilities reduced to a quarter of a mile or less.

JEFFERSON COUNTY --- 1.4 S BARDANE [39.35, -77.85]				
	08/06/19 18:25 EST		0	Thunderstorm Wind (EG 50 kt)
	08/06/19 18:25 EST		0	Source: State Official

A tree was blown down on Warm Springs Road near the intersection with Shenandoah Junction Road.

A southwest flow out ahead of a frontal boundary ushered in a hot, humid, and therefore unstable air mass into the region during the afternoon and evening hours of August 6th. A weak surface trough along with terrain circulations caused isolated showers and thunderstorms to develop across portions of the region. One thunderstorm was able to become locally severe.

HARDY COUNTY --- 0.9 NW BRAKE [38.89, -79.04]				
	08/15/19 14:57 EST		0	Thunderstorm Wind (EG 50 kt)
	08/15/19 14:57 EST		0	Source: State Official

A tree was blown down in the 14400 block of South Fork Road.

MINERAL COUNTY --- 1.1 W RIDGELEY [39.65, -78.77]				
	08/15/19 17:43 EST		0	Thunderstorm Wind (EG 50 kt)
	08/15/19 17:43 EST		0	Source: State Official

A tree was blown down onto WV-28 outside of Ridgeley.

An upper level trough moved southeastward from the Great Lakes and into the Mid-Atlantic states during the day of August 15th. At the surface, a boundary also moved southeastward from Ohio and into the region. With building instability, scattered showers and thunderstorms developed across the higher elevations in the mid afternoon hours, and then moved eastward during the late afternoon and evening. With relatively strong westerly to west-northwesterly flow aloft, deep layer shear increased and that, combined with the instability, led to some thunderstorms becoming strong to locally severe.

(WV-Z055) HARDY				
	08/16/19 05:41 EST		0	Dense Fog
	08/16/19 08:00 EST		0	

Saturated soils from the previous evening's rain, light winds, and clearing skies led to the formation of fog, some of which became dense with visibilities reduced to a quarter of a mile or less.

PENDLETON COUNTY --- 0.5 E BRANDYWINE [38.62, -79.24]				
	08/18/19 15:52 EST		0	Hail (1.00 in)
	08/18/19 15:52 EST		0	Source: Public

Quarter-sized (1.0" in diameter) hail was reported in Brandywine and Oak Flat.

GRANT COUNTY --- 0.5 E ARTHUR [39.07, -79.11]				
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Storm Data and Unusual Weather Phenomena - August 2019

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	08/18/19 16:40 EST		0	Thunderstorm Wind (EG 50 kt)
	08/18/19 16:40 EST		0	Source: State Official

Multiple trees were reported blown down in the Arthur area near WV-42.

HARDY COUNTY --- 0.9 NW KESSEL [39.08, -79.04]				
	08/18/19 16:52 EST		0	Thunderstorm Wind (EG 50 kt)
	08/18/19 16:52 EST		0	Source: State Official

A tree was blown down blocking Walnut Bottom Road near Kessel Road.

HARDY COUNTY --- 3.2 W PERRY [38.97, -78.74]				
	08/18/19 17:24 EST		0	Thunderstorm Wind (EG 61 kt)
	08/18/19 17:24 EST		0	Source: State Official

Multiple trees were reported down on Thorne Bottom Road near Mill Gap Road.

BERKELEY COUNTY --- 0.9 NW FALLING WATERS [39.56, -77.91]				
	08/18/19 18:11 EST		0	Thunderstorm Wind (EG 61 kt)
	08/18/19 18:11 EST		0	Source: Trained Spotter

A large tree was blown down across Saint Andrews Drive about a mile north of WV-901. A tree was also blown down onto a car on Viceroy Drive. Multiple trees were blown down on Windy Ridge Drive near the intersection with Tice Road. Additionally, a large tree was blown down onto a residence on Crawford Quarry Road and a tree was blown down onto a house on Petrie Court.

A hot and humid air mass in place led to increasing amounts of instability across the region. This fostered the development of a few showers and thunderstorms, a couple of which became locally severe.

GRANT COUNTY --- 1.3 ENE SCHERR [39.21, -79.15]				
	08/20/19 12:59 EST		0	Thunderstorm Wind (EG 50 kt)
	08/20/19 12:59 EST		0	Source: State Official

Three trees were blown down on Old Scherr Road.

GRANT COUNTY --- 1.8 NE MAYSVILLE [39.14, -79.15]				
	08/20/19 13:15 EST		0	Thunderstorm Wind (EG 50 kt)
	08/20/19 13:15 EST		0	Source: State Official

Two trees were blown down near the intersection of Morgantown Road and Knobly Road.

PENDLETON COUNTY --- 0.7 N UPPER TRACK [38.79, -79.28]				
	08/20/19 13:15 EST		0	Thunderstorm Wind (EG 50 kt)
	08/20/19 13:15 EST		0	Source: State Official

A few small trees were blown down near the intersection of US-220 and Schmucker Road.

HARDY COUNTY --- 0.5 W FISHER [39.05, -79.01]				
	08/20/19 14:09 EST		0	Thunderstorm Wind (EG 50 kt)
	08/20/19 14:09 EST		0	Source: State Official

Multiple trees were blown down on Rig Road and Kessel Road.

A mesoscale convective system (MCS) and its associated energy was moving across central West Virginia on the morning of August 20th. As this moved eastward into the region during the afternoon and evening hours, it served as the focus for additional shower and thunderstorm development. Significant amounts of instability and steepening low level lapse rates led some of these thunderstorms to become severe.

JEFFERSON COUNTY --- 0.9 SW MECHANICSTOWN [39.26, -77.84]				
	08/22/19 17:42 EST		0	Thunderstorm Wind (EG 50 kt)
	08/22/19 17:42 EST		0	Source: State Official

About a dozen reports of trees and wires being blown down were received in eastern Jefferson County, mainly from Ranson to Bloomery.

Storm Data and Unusual Weather Phenomena - August 2019

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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Hot and humid conditions overspread the area on August 22nd ahead of an approaching cold front and upper level trough. This warmth and humidity allowed for the development of significant amounts of instability by the afternoon hours. Convection during the afternoon and evening hours was initially focused along a remnant mesoscale convective system across central Virginia. However, additional areas of development occurred as upper level energy from Kentucky and West Virginia moved eastward and into the region and the cold front moved southeastward from Pennsylvania. One of these thunderstorms became severe.

PENDLETON COUNTY --- FRANKLIN [38.65, -79.33]

	08/31/19 16:15 EST	0		Hail (1.00 in)
	08/31/19 16:15 EST	0		Source: Trained Spotter

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

A weak cold front moved southward through the day of August 31st. Some instability was still able to develop near the boundary and a few showers and an isolated locally severe thunderstorm developed across portions of eastern West Virginia.

PENDLETON COUNTY --- 3.6 WSW FRANKLIN [38.62, -79.39], 3.8 WSW FRANKLIN [38.62, -79.39], 3.8 WSW FRANKLIN [38.62, -79.39], 3.6 WSW FRANKLIN [38.62, -79.39]

	08/31/19 18:25 EST	0		Flood (due to Heavy Rain)
	08/31/19 20:25 EST	0		Source: 911 Call Center

Part of Smith Creek Road was washed out by flooding.

A boundary near the Potomac Highlands triggered showers and thunderstorms. A slow storm motion caused an isolated incident of flooding.