

## Storm Data and Unusual Weather Phenomena - July 2022

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>ATLANTIC NORTH</b>				
<b>CHESAPEAKE BAY N OF POOLES IS MD COUNTY --- 0.7 ENE SUSQUEHANNA RIVER BUOY (44057) [39.55, -76.06]</b>				
	07/01/22 14:59 EST		0	Marine Thunderstorm Wind (MG 38 kt)
	07/01/22 14:59 EST		0	Source: Mesonet
A wind gust of 38 knots (44 MPH) was measured by a mesonet on the eastbound span of the US-40 Hatem Bridge (MD072) adjacent to the upper Chesapeake Bay.				
<b>A line of strong thunderstorms produced gusty winds over the upper most portions of the Chesapeake Bay.</b>				
<b>CHESAPEAKE BAY POOLES IS TO SANDY PT MD COUNTY --- SENECA CREEK [39.30, -76.36]</b>				
	07/02/22 20:02 EST		0	Marine Thunderstorm Wind (MG 35 kt)
	07/02/22 20:02 EST		0	Source: Buoy
A wind gust of 35 knots (40 MPH) was measured by the Seneca Creek WeatherFlow sensor.				
<b>CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- 1.1 NW (KW29)BAY BRIDGE AIRPORT [38.99, -76.34]</b>				
	07/02/22 20:41 EST		0	Marine Thunderstorm Wind (MG 36 kt)
	07/02/22 20:41 EST		0	Source: Mesonet
Winds of up to 36 knots (41 MPH) were measured by a mesonet on the eastbound span on the US-50/US-301 Chesapeake Bay Bridge (MD066).				
<b>CHESTER RIVER TO QUEENSTOWN MD COUNTY --- 1.2 NE US-50 (MD040) [38.98, -76.24]</b>				
	07/02/22 21:00 EST		0	Marine Thunderstorm Wind (MG 35 kt)
	07/02/22 21:00 EST		0	Source: Mesonet
A wind gust of 35 knots (40 MPH) was measured by a mesonet on the US-50/US-301 Kent Narrows Bridge adjacent to the tidal Chester River.				
<b>CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- THOMAS POINT (TPLM2) [38.90, -76.44]</b>				
	07/02/22 21:15 EST		0	Marine Thunderstorm Wind (MG 34 kt)
	07/02/22 21:15 EST		0	Source: Buoy
A wind gust of 34 knots (39 MPH) was measured by the Thomas Point NOS sensor (TPLM2).				
<b>CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- ANNAPOLIS (KNAK) [38.98, -76.48]</b>				
	07/02/22 23:55 EST		0	Marine Thunderstorm Wind (MG 46 kt)
	07/02/22 23:57 EST		0	Source: ASOS
Wind gusts of up to 46 knots (53 MPH) were measured by the ASOS at the U.S. Naval Academy in Annapolis (KNAK) adjacent to the Chesapeake Bay.				
<b>A few thunderstorms produced several instances of gale force winds ahead of a cold front during the afternoon and evening hours.</b>				
<b>TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- POTOMAC LIGHT 33 (LT3) [38.34, -76.99]</b>				
	07/05/22 13:07 EST		0	Marine Thunderstorm Wind (MG 40 kt)
	07/05/22 13:12 EST		0	Source: Buoy
Wind gusts of up to 40 knots (46 MPH) were measured by the Potomac Light 33 WeatherFlow sensor (XLT3).				
<b>CHESAPEAKE BAY POOLES IS TO SANDY PT MD COUNTY --- SENECA CREEK [39.30, -76.36]</b>				
	07/05/22 15:42 EST		0	Marine Thunderstorm Wind (MG 35 kt)
	07/05/22 15:42 EST		0	Source: Buoy
A wind gust of 35 knots (40 MPH) was measured by the Seneca Creek WeatherFlow sensor.				
<b>CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- GREENBURY POINT (GBY) [38.97, -76.46]</b>				
	07/05/22 16:27 EST		0	Marine Thunderstorm Wind (EG 36 kt)
	07/05/22 16:27 EST		0	Source: Buoy
A wind gust of 36 knots (41 MPH) was measured by the Greenbury Point WeatherFlow sensor (XGBY).				

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- THOMAS POINT (TPLM2) [38.90, -76.44]</b>				
	07/06/22 01:51 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	07/06/22 01:51 EST	0		Source: Buoy
A squall produced an estimated wind gust to 34 knots (39 MPH) near the Thomas Point NOS sensor (TPLM2).				
<b>A few thunderstorms produced sporadic gale force winds near a stalled warm front.</b>				
<b>CHESAPEAKE BAY POOLES IS TO SANDY PT MD COUNTY --- (KMTN)MARTIN STATE AIRPORT [39.33, -76.42]</b>				
	07/12/22 15:59 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	07/12/22 15:59 EST	0		Source: AWOS
A squall produced an estimated wind gust to 34 knots (39 MPH) near the AWOS at Martin State Airport (KMTN) adjacent to the Chesapeake Bay.				
<b>CHESAPEAKE BAY N OF POOLES IS MD COUNTY --- GROVE POINT (GVP) [39.40, -76.04]</b>				
	07/12/22 16:17 EST	0		Marine Thunderstorm Wind (MG 38 kt)
	07/12/22 16:27 EST	0		Source: Buoy
Wind gusts of up to 38 knots (44 MPH) were measured by the Grove Point WeatherFlow sensor (XGVP).				
<b>TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- (DCA)REAGAN NATIONAL AIRPORT [38.86, -77.03]</b>				
	07/12/22 16:59 EST	0		Marine Thunderstorm Wind (MG 45 kt)
	07/12/22 16:59 EST	0		Source: ASOS
A wind gust of 45 knots (52 MPH) was measured by the ASOS at Ronald Reagan Washington National Airport (KDCA) adjacent to the tidal Potomac River.				
<b>TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- NATIONALS PARK (WSHNP) [38.87, -77.01]</b>				
	07/12/22 17:00 EST	0		Marine Thunderstorm Wind (MG 36 kt)
	07/12/22 17:00 EST	0		Source: Mesonet
A wind gust of 36 knots (41 MPH) was measured by a mesonet at Nationals Park (WSHNP) adjacent to the tidal Potomac River.				
<b>TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- WASHINGTON DC (WASD2) [38.87, -77.02]</b>				
	07/12/22 17:00 EST	0		Marine Thunderstorm Wind (MG 40 kt)
	07/12/22 17:06 EST	0		Source: Buoy
Wind gusts of up to 40 knots (46 MPH) were measured by the Washington Channel NOS sensor (WASD2).				
<b>TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- OCCOQUAN RIVER (OCC) [38.64, -77.22]</b>				
	07/12/22 17:01 EST	0		Marine Thunderstorm Wind (MG 34 kt)
	07/12/22 17:01 EST	0		Source: Buoy
A wind gust of 34 knots (39 MPH) was measured by the Occoquan River WeatherFlow sensor (XOCC).				
<b>TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- 13.8 NE OCCOQUAN RIVER (OCC) [38.76, -77.02]</b>				
	07/12/22 17:04 EST	0		Marine Thunderstorm Wind (MG 35 kt)
	07/12/22 17:04 EST	0		Source: Mesonet
A wind gust of 35 knots (40 MPH) was measured by a mesonet at Indian Queen Elementary School in Fort Washington (FTWSH) adjacent to the tidal Potomac River.				
<b>CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- ANNAPOLIS (KNAK) [38.98, -76.48]</b>				
	07/12/22 17:41 EST	0		Marine Thunderstorm Wind (MG 35 kt)
	07/12/22 17:41 EST	0		Source: ASOS
A wind gust of 35 knots (40 MPH) was measured by the ASOS at the U.S. Naval Academy in Annapolis (KNAK) adjacent to the Chesapeake Bay.				
<b>CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- GREENBURY POINT (GBY) [38.97, -76.46]</b>				
	07/12/22 17:42 EST	0		Marine Thunderstorm Wind (MG 41 kt)
	07/12/22 17:47 EST	0		Source: Buoy

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Wind gusts of up to 41 knots (47 MPH) were measured by the Greenbury Point WeatherFlow sensor (XGBY).				
<b>CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- HERRING BAY (HRB) [38.73, -76.54]</b>				
	07/12/22 17:43 EST		0	Marine Thunderstorm Wind (MG 44 kt)
	07/12/22 17:48 EST		0	Source: Buoy
A wind gust of 44 knots (51 MPH) was measured by the Herring Bay WeatherFlow sensor (XHRB).				
<b>CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- TOLLY POINT (TOL) [38.94, -76.44]</b>				
	07/12/22 17:44 EST		0	Marine Thunderstorm Wind (MG 34 kt)
	07/12/22 17:54 EST		0	Source: Buoy
Wind gusts of up to 34 knots (39 MPH) were measured by the Tolly Point WeatherFlow sensor (XTOL).				
<b>CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- SAUNDERS POINT LIGHT [38.88, -76.48]</b>				
	07/12/22 17:45 EST		0	Marine Thunderstorm Wind (MG 37 kt)
	07/12/22 17:45 EST		0	Source: Buoy
A wind gust of 37 knots (43 MPH) was measured by the Saunders Point Light WeatherFlow sensor.				
<b>CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- KENT ISLAND (KNT) [38.92, -76.36]</b>				
	07/12/22 17:49 EST		0	Marine Thunderstorm Wind (MG 37 kt)
	07/12/22 17:49 EST		0	Source: Buoy
A wind gust of 37 knots (43 MPH) was measured by the Kent Island WeatherFlow sensor (XKNT).				
<b>TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- QUANTICO (KNYG) [38.51, -77.30]</b>				
	07/12/22 19:05 EST		0	Marine Thunderstorm Wind (MG 51 kt)
	07/12/22 19:07 EST		0	Source: AWOS
Wind gusts of up to 51 knots (59 MPH) were measured by the AWOS at Quantico Marine Base (KNYG) adjacent to the tidal Potomac River.				
<b>TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- BABER POINT (BAB) [38.31, -77.03]</b>				
	07/12/22 19:22 EST		0	Marine Thunderstorm Wind (MG 48 kt)
	07/12/22 19:32 EST		0	Source: Buoy
Wind gusts of up to 48 knots (55 MPH) were measured by the Baber Point WeatherFlow sensor (XBAB).				
<b>TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- PYLONS DAHLGREN (PYL) [38.31, -77.00]</b>				
	07/12/22 19:24 EST		0	Marine Thunderstorm Wind (MG 46 kt)
	07/12/22 19:34 EST		0	Source: Buoy
Wind gusts of up to 46 knots (53 MPH) were measured by the Pylons Dahlgren WeatherFlow sensor (XPYL).				
<b>TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- TOWER 70 (T70) [38.33, -77.02]</b>				
	07/12/22 19:25 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	07/12/22 19:25 EST		0	Source: Buoy
A squall produced an estimated wind gust to 34 knots (39 MPH) near the Tower 70 WeatherFlow sensor (XT70).				
<b>TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- POTOMAC LIGHT 33 (LT3) [38.34, -76.99]</b>				
	07/12/22 19:27 EST		0	Marine Thunderstorm Wind (MG 52 kt)
	07/12/22 19:42 EST		0	Source: Buoy
Wind gusts of up to 52 knots (60 MPH) were measured by the Potomac Light 33 WeatherFlow sensor (XLT3).				
<b>TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- CUCKOLD CREEK (CCK) [38.31, -76.93]</b>				
	07/12/22 19:28 EST		0	Marine Thunderstorm Wind (MG 46 kt)
	07/12/22 19:38 EST		0	Source: Buoy
Wind gusts of up to 46 knots (53 MPH) were measured by the Cuckold Creek WeatherFlow sensor (XCCK).				

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- MONROE CREEK (MON) [38.23, -76.95]</b>				
	07/12/22 19:39 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	07/12/22 19:39 EST		0	Source: Buoy
A squall produced an estimated wind gust to 34 knots (39 MPH) near the Monroe Creek WeatherFlow sensor (XMON).				
<b>PATUXENT RIVER TO BROOMES ISLAND MD COUNTY --- SOLOMONS ISLAND (SLIM2) [38.32, -76.45]</b>				
	07/12/22 20:06 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	07/12/22 20:06 EST		0	Source: Buoy
A squall produced an estimated wind gust to 34 knots (39 MPH) near one of the Solomons Island NOS sensors (SLIM2).				
<b>CHESAPEAKE BAY DRUM PT TO SMITH PT VA COUNTY --- PATUXENT RIVER ASOS (KNHK) [38.29, -76.41]</b>				
	07/12/22 20:07 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	07/12/22 20:07 EST		0	Source: ASOS
A squall produced an estimated wind gust to 34 knots (39 MPH) near the ASOS at Patuxent River Naval Air Station (KNHK) adjacent to the tidal Patuxent River and Chesapeake Bay.				
<b>CHESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY --- 2.6 S MID BAY BUOY [38.43, -76.39]</b>				
	07/12/22 20:12 EST		0	Marine Thunderstorm Wind (MG 34 kt)
	07/12/22 20:18 EST		0	Source: Buoy
Wind gusts of up to 34 knots (39 MPH) were measured by the Cove Point NOS sensor (COVM2).				
<b>CHESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY --- GOOSSES REEF BUOY (44062) [38.56, -76.41]</b>				
	07/12/22 20:12 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	07/12/22 20:12 EST		0	Source: Buoy
A squall produced an estimated wind gust to 34 knots (39 MPH) near the Gooses Reef CBIBS sensor (44062).				
<b>TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- PINEY POINT (PPTM2) [38.13, -76.53]</b>				
	07/12/22 20:12 EST		0	Marine Thunderstorm Wind (MG 39 kt)
	07/12/22 20:12 EST		0	Source: Buoy
A wind gust of 39 knots (45 MPH) was measured by the Piney Point NOS sensor (PPTM2).				
<b>TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- POTOMAC POINT LOOKOUT BUOY (44042) [38.03, -76.34]</b>				
	07/12/22 20:12 EST		0	Marine Thunderstorm Wind (MG 37 kt)
	07/12/22 20:18 EST		0	Source: Buoy
Wind gusts of up to 37 knots (43 MPH) were measured by the Lower Potomac/Point Lookout CBIBS sensor (44042).				
<b>CHESAPEAKE BAY DRUM PT TO SMITH PT VA COUNTY --- POINT LOOKOUT (PTL) [38.04, -76.32]</b>				
	07/12/22 20:17 EST		0	Marine Thunderstorm Wind (MG 37 kt)
	07/12/22 20:22 EST		0	Source: Buoy
Wind gusts of up to 37 knots (43 MPH) were measured by the Point Lookout WeatherFlow sensor (XPTL).				
<b>CHESAPEAKE BAY DRUM PT TO SMITH PT VA COUNTY --- LOWER HOOPER ISLAND (HPR) [38.26, -76.18]</b>				
	07/12/22 20:24 EST		0	Marine Thunderstorm Wind (MG 37 kt)
	07/12/22 20:29 EST		0	Source: Buoy
Wind gusts of up to 37 knots (43 MPH) were measured by the Lower Hooper Island WeatherFlow sensor (XHPR).				
<b>TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY --- BISHOPS HEAD (BISM2) [38.22, -76.04]</b>				
	07/12/22 20:30 EST		0	Marine Thunderstorm Wind (MG 48 kt)
	07/12/22 20:42 EST		0	Source: Buoy
Wind gusts of up to 55 knots (63 MPH) were measured by the Bishops Head NOS sensor (BISM2).				

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<b>CHOPTANK RIVER TO CAMBRIDGE MD AND THE LITTLE CHOPTANK RIVER COUNTY --- CAMBRIDGE (CAMM2) [38.57, -76.07]</b>				
	07/12/22 20:42 EST		0	Marine Thunderstorm Wind (MG 43 kt)
	07/12/22 20:54 EST		0	Source: Buoy
Wind gusts of up to 43 knots (49 MPH) were measured by the Cambridge/Eaton Point Light NOS sensor (CAMM2).				
<b>TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY --- CRISFIELD CG (CRS) [37.97, -75.88]</b>				
	07/12/22 20:51 EST		0	Marine Thunderstorm Wind (MG 36 kt)
	07/12/22 20:51 EST		0	Source: Buoy
Wind gusts of up to 36 knots (41 MPH) were measured by the Crisfield WeatherFlow sensor (XCRS).				
<b>TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY --- RACCOON POINT (RAC) [38.14, -75.79]</b>				
	07/12/22 20:53 EST		0	Marine Thunderstorm Wind (MG 42 kt)
	07/12/22 21:08 EST		0	Source: Buoy
Wind gusts of up to 42 knots (48 MPH) were measured by the Raccoon Point WeatherFlow sensor (XRAC).				
<b>TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- POTOMAC LIGHT 33 (LT3) [38.34, -76.99]</b>				
	07/12/22 23:17 EST		0	Marine Thunderstorm Wind (MG 52 kt)
	07/12/22 23:27 EST		0	Source: Buoy
Wind gusts of up to 52 knots (60 MPH) were measured by the Potomac Light 33 WeatherFlow sensor (XLT3).				
<b>TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- PYLONS DAHLGREN (PYL) [38.31, -77.00]</b>				
	07/12/22 23:19 EST		0	Marine Thunderstorm Wind (MG 43 kt)
	07/12/22 23:34 EST		0	Source: Buoy
Wind gusts of up to 43 knots (49 MPH) were measured by the Pylons Dahlgren WeatherFlow sensor (XPYL).				
<b>TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- BABER POINT (BAB) [38.31, -77.03]</b>				
	07/12/22 23:22 EST		0	Marine Thunderstorm Wind (MG 38 kt)
	07/12/22 23:27 EST		0	Source: Buoy
Wind gusts of up to 38 knots (44 MPH) were measured by the Baber Point WeatherFlow sensor (XBAB).				
<b>TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- CUCKOLD CREEK (CCK) [38.31, -76.93]</b>				
	07/12/22 23:28 EST		0	Marine Thunderstorm Wind (MG 37 kt)
	07/12/22 23:33 EST		0	Source: Buoy
Wind gusts of up to 37 knots (43 MPH) were measured by the Cuckold Creek WeatherFlow sensor (XCCK).				
<b>TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- MONROE CREEK (MON) [38.23, -76.95]</b>				
	07/12/22 23:34 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	07/12/22 23:34 EST		0	Source: Buoy
A squall produced an estimated wind gust to 34 knots (39 MPH) near the Monroe Creek WeatherFlow sensor (XMON).				
<b>TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- COBB POINT (COB) [38.24, -76.83]</b>				
	07/12/22 23:35 EST		0	Marine Thunderstorm Wind (MG 39 kt)
	07/12/22 23:50 EST		0	Source: Buoy
Wind gusts of up to 39 knots (45 MPH) were measured by the Cobb Point WeatherFlow sensor (XCOB).				
<b>CHESAPEAKE BAY DRUM PT TO SMITH PT VA COUNTY --- PATUXENT RIVER ASOS (KNHK) [38.29, -76.41]</b>				
	07/13/22 00:10 EST		0	Marine Thunderstorm Wind (MG 41 kt)
	07/13/22 00:10 EST		0	Source: ASOS
A wind gust of 41 knots (47 MPH) was measured by the ASOS at Patuxent River Naval Air Station (KNHK) adjacent to the tidal Patuxent River and Chesapeake Bay.				

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<b>CHESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY --- 2.6 S MID BAY BUOY [38.43, -76.39]</b>				
	07/13/22 00:12 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	07/13/22 00:12 EST		0	Source: Buoy
A squall produced an estimated wind gust to 34 knots (39 MPH) near the Cove Point NOS sensor (COVM2).				
<b>Several severe lines of thunderstorms produced gale to storm force winds ahead of a strong cold front.</b>				
<b>TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- QUANTICO (KNYG) [38.51, -77.30]</b>				
	07/14/22 15:26 EST		0	Marine Thunderstorm Wind (MG 41 kt)
	07/14/22 15:26 EST		0	Source: AWOS
A wind gust of 41 knots (47 MPH) was measured by the AWOS at Quantico Marine Base (KNYG) adjacent to the tidal Potomac River.				
<b>TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- POTOMAC LIGHT 33 (LT3) [38.34, -76.99]</b>				
	07/14/22 16:12 EST		0	Marine Thunderstorm Wind (MG 36 kt)
	07/14/22 16:22 EST		0	Source: Buoy
Wind gusts of up to 36 knots (41 MPH) were measured by the Potomac Light 33 WeatherFlow sensor (XLT3).				
<b>A thunderstorm produced localized gusty winds over the tidal Potomac River.</b>				
<b>TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- PYLONS DAHLGREN (PYL) [38.31, -77.00]</b>				
	07/16/22 15:54 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	07/16/22 15:59 EST		0	Source: Buoy
A squall produced estimated wind gusts to 34 knots (39 MPH) near the Pylons Dahlgren WeatherFlow sensor (XPYL).				
<b>TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- POTOMAC LIGHT 33 (LT3) [38.34, -76.99]</b>				
	07/16/22 15:57 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	07/16/22 15:57 EST		0	Source: Buoy
A squall produced an estimated wind gust to 34 knots (39 MPH) near the Potomac Light 33 WeatherFlow sensor (XLT3).				
<b>TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- COBB POINT (COB) [38.24, -76.83]</b>				
	07/16/22 16:17 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	07/16/22 16:17 EST		0	Source: Buoy
A squall produced an estimated wind gust to 34 knots (39 MPH) near the Cobb Point WeatherFlow sensor (XCOB).				
<b>CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- 1.8 WNW THOMAS POINT (TPLM2) [38.91, -76.47]</b>				
	07/16/22 16:20 EST		0	Marine Thunderstorm Wind (MG 41 kt)
	07/16/22 16:30 EST		0	Source: Mesonet
Wind gusts of up to 41 knots (47 MPH) were measured by a mesonet on Thomas Point Road adjacent to the Chesapeake Bay.				
<b>CHESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY --- GOOSSES REEF BUOY (44062) [38.56, -76.41]</b>				
	07/16/22 17:18 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	07/16/22 17:30 EST		0	Source: Buoy
A squall produced estimated wind gusts to 34 knots (39 MPH) near the Gooses Reef CBIBS sensor (44062).				
<b>CHESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY --- 8.3 ENE GOOSSES REEF BUOY (44062) [38.60, -76.27]</b>				
	07/16/22 18:00 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	07/16/22 18:00 EST		0	Source: Mesonet
A squall produced an estimated wind gust to 34 knots (39 MPH) near a mesonet on Kim Drive adjacent to the Chesapeake Bay.				
<b>CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- 0.8 NE SHADY SIDE ES (SHADY) [38.85, -76.50]</b>				
	07/16/22 18:25 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	07/16/22 18:25 EST		0	Source: Mesonet

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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A squall produced an estimated wind gust to 34 knots (39 MPH) near a mesonet on Frederick Avenue adjacent to the Chesapeake Bay.

Several thunderstorms produced localized gusty winds ahead of a weak cold front.

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

07/17/22 16:47 EST	0	Marine Thunderstorm Wind (MG 36 kt)
07/17/22 16:52 EST	0	Source: Buoy

Wind gusts of up to 36 knots (41 MPH) were measured by the Potomac Light 33 WeatherFlow sensor (XLT3).

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

07/17/22 16:48 EST	0	Marine Thunderstorm Wind (EG 34 kt)
07/17/22 16:53 EST	0	Source: Buoy

A squall produced estimated wind gusts to 34 knots (39 MPH) near the Cuckold Creek WeatherFlow sensor (XCCK).

**TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- PYLONS DAHLGREN (PYL) [38.31, -77.00]**

07/17/22 16:49 EST	0	Marine Thunderstorm Wind (MG 39 kt)
07/17/22 16:49 EST	0	Source: Buoy

A wind gust of 39 knots (45 MPH) was measured by the Pylons Dahlgren WeatherFlow sensor (XPYL).

**TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- QUANTICO (KNYG) [38.51, -77.30]**

07/17/22 17:16 EST	0	Marine Thunderstorm Wind (EG 34 kt)
07/17/22 17:16 EST	0	Source: AWOS

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

A few thunderstorms produced localized gusty winds along a stalling cold front.

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

07/18/22 16:00 EST	0	Marine Thunderstorm Wind (EG 34 kt)
07/18/22 16:00 EST	0	Source: Buoy

A squall produced an estimated wind gust to 34 knots (39 MPH) near the I-695 Francis Scott Key Bridge NOS sensor (FSKM2).

**CHESAPEAKE BAY POOLES IS TO SANDY PT MD COUNTY --- SENECA CREEK [39.30, -76.36]**

07/18/22 16:07 EST	0	Marine Thunderstorm Wind (EG 34 kt)
07/18/22 16:12 EST	0	Source: Buoy

A squall produced estimated wind gusts to 34 knots (39 MPH) near the Seneca Creek WeatherFlow sensor.

**CHESAPEAKE BAY N OF POOLES IS MD COUNTY --- GROVE POINT (GVP) [39.40, -76.04]**

07/18/22 16:32 EST	0	Marine Thunderstorm Wind (EG 34 kt)
07/18/22 16:32 EST	0	Source: Buoy

A squall produced an estimated wind gust to 34 knots (39 MPH) near the Grove Point WeatherFlow sensor (XGVP).

**CHESAPEAKE BAY POOLES IS TO SANDY PT MD COUNTY --- TOLCHESTER MD (TCBM2) [39.21, -76.24]**

07/18/22 16:36 EST	0	Marine Thunderstorm Wind (EG 34 kt)
07/18/22 16:36 EST	0	Source: Buoy

A squall produced an estimated wind gust to 34 knots (39 MPH) near the Tolchester Beach NOS sensor (TCBM2).

**CHESAPEAKE BAY N OF POOLES IS MD COUNTY --- GROVE POINT (GVP) [39.40, -76.04]**

07/18/22 16:57 EST	0	Marine Thunderstorm Wind (EG 34 kt)
07/18/22 16:57 EST	0	Source: Buoy

A squall produced an estimated wind gust to 34 knots (39 MPH) near the Grove Point WeatherFlow sensor (XGVP).

**CHESAPEAKE BAY N OF POOLES IS MD COUNTY --- 3.3 SW NORTH BAY BUOY (NB) [39.34, -76.15]**

## Storm Data and Unusual Weather Phenomena - July 2022

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/18/22 17:00 EST		0	Marine Thunderstorm Wind (MG 39 kt)
	07/18/22 17:15 EST		0	Source: Mesonet

Wind gusts of up to 39 knots (45 MPH) were measured by a mesonet on Indian Field Court adjacent to the Chesapeake Bay.

<b>CHESTER RIVER TO QUEENSTOWN MD COUNTY --- 4.7 ENE US-50 (MD040) [39.00, -76.17]</b>				
	07/18/22 18:10 EST		0	Marine Thunderstorm Wind (MG 55 kt)
	07/18/22 18:15 EST		0	Source: Mesonet

Wind gusts of up to 55 knots (63 MPH) was measured by a mesonet on Salthouse Cove Lane adjacent to the tidal Chester River.

<b>PATUXENT RIVER TO BROOMES ISLAND MD COUNTY --- 2.3 WNW DOWELL ES (LSBY2) [38.37, -76.49]</b>				
	07/18/22 18:25 EST		0	Marine Thunderstorm Wind (MG 35 kt)
	07/18/22 18:25 EST		0	Source: Mesonet

A wind gust of 35 knots (40 MPH) was measured by a mesonet on Preston Drive adjacent to the tidal Patuxent River.

<b>TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- COBB POINT (COB) [38.24, -76.83]</b>				
	07/18/22 18:45 EST		0	Marine Thunderstorm Wind (MG 34 kt)
	07/18/22 18:55 EST		0	Source: Buoy

Wind gusts of up to 34 knots (39 MPH) were measured by the Cobb Point WeatherFlow sensor (XCOB).

<b>CHESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY --- 6.1 WSW GOOSSES REEF BUOY (44062) [38.52, -76.51]</b>				
	07/18/22 18:55 EST		0	Marine Thunderstorm Wind (MG 41 kt)
	07/18/22 19:10 EST		0	Source: Buoy

Wind gusts of up to 41 knots (47 MPH) were measured by a mesonet on Cedar Road adjacent to the Chesapeake Bay.

<b>CHESAPEAKE BAY DRUM PT TO SMITH PT VA COUNTY --- PATUXENT RIVER ASOS (KNHK) [38.29, -76.41]</b>				
	07/18/22 19:17 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	07/18/22 19:17 EST		0	Source: ASOS

A squall produced an estimated wind gust to 34 knots (39 MPH) near the ASOS at Patuxent River Naval Air Station (KNHK) adjacent to the tidal Patuxent River and Chesapeake Bay.

<b>CHESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY --- 2.6 S MID BAY BUOY [38.43, -76.39]</b>				
	07/18/22 19:36 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	07/18/22 19:36 EST		0	Source: Buoy

A squall produced an estimated wind gust to 34 knots (39 MPH) near the Cove Point NOS sensor (COVM2).

<b>TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- PYLONS DAHLGREN (PYL) [38.31, -77.00]</b>				
	07/18/22 19:54 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	07/18/22 19:54 EST		0	Source: Buoy

A squall produced an estimated wind gust to 34 knots (39 MPH) near the Pylons Dahlgren WeatherFlow sensor (XPYL).

<b>TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- TOWER 70 (T70) [38.33, -77.02]</b>				
	07/18/22 19:55 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	07/18/22 19:55 EST		0	Source: Buoy

A squall produced an estimated wind gust to 34 knots (39 MPH) near the Tower 70 WeatherFlow sensor (XT70).

<b>TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- POTOMAC LIGHT 33 (LT3) [38.34, -76.99]</b>				
	07/18/22 19:57 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	07/18/22 20:02 EST		0	Source: Buoy

A squall produced estimated wind gusts to 34 knots (39 MPH) near the Potomac Light 33 WeatherFlow sensor (XLT3).

<b>PATUXENT RIVER TO BROOMES ISLAND MD COUNTY --- 1.7 NNW CHESAPEAKE BIOLOGICAL LABORATORY (CBIM2) [38.34, -76.50]</b>				
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## Storm Data and Unusual Weather Phenomena - July 2022

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/18/22 20:30 EST		0	Marine Thunderstorm Wind (MG 38 kt)
	07/18/22 20:30 EST		0	Source: Mesonet

A wind gust of 38 knots (44 MPH) was measured by a mesonet on Scotch Neck Road adjacent to the tidal Patuxent River.

<b>CHESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY --- GOOSSES REEF BUOY (44062) [38.56, -76.41]</b>				
	07/18/22 20:56 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	07/18/22 20:56 EST		0	Source: Buoy

A squall produced an estimated wind gust to 34 knots (39 MPH) near the Gooses Reef CBIBS sensor (44062).

<b>CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- HERRING BAY (HRB) [38.73, -76.54]</b>				
	07/18/22 21:09 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	07/18/22 21:09 EST		0	Source: Buoy

A squall produced an estimated wind gust to 34 knots (39 MPH) near the Lower Hooper Island WeatherFlow sensor (XHPR).

<b>CHOPTANK RIVER TO CAMBRIDGE MD AND THE LITTLE CHOPTANK RIVER COUNTY --- 5.9 SSE BLACKWALNUT HARBOR (BWH) [38.60, -76.29]</b>				
	07/18/22 21:15 EST		0	Marine Thunderstorm Wind (MG 38 kt)
	07/18/22 21:25 EST		0	Source: Mesonet

Wind gusts of up to 38 knots (44 MPH) were measured by a mesonet on Kim Drive adjacent to the tidal Choptank River.

**Several bands of thunderstorms containing gusty winds developed along a cold front.**

<b>CHESAPEAKE BAY DRUM PT TO SMITH PT VA COUNTY --- LOWER HOOPER ISLAND (HPR) [38.26, -76.18]</b>				
	07/21/22 14:15 EST		0	Marine Thunderstorm Wind (MG 35 kt)
	07/21/22 14:15 EST		0	Source: Buoy

A wind gust of 35 knots (40 MPH) was measured by the Lower Hooper Island WeatherFlow sensor (XHPR).

<b>TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY --- BISHOPS HEAD (BISM2) [38.22, -76.04]</b>				
	07/21/22 14:36 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	07/21/22 14:36 EST		0	Source: Buoy

A squall produced an estimated wind gust to 34 knots (39 MPH) near the Bishops Head Pier NOS sensor (BISM2).

<b>CHOPTANK RIVER TO CAMBRIDGE MD AND THE LITTLE CHOPTANK RIVER COUNTY --- 6.3 WSW CHOPTANK RIVER (CHOP) [38.60, -76.27]</b>				
	07/21/22 14:40 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	07/21/22 14:40 EST		0	Source: Mesonet

A squall produced an estimated wind gust to 34 knots (39 MPH) near a mesonet on Kim Drive adjacent to the tidal Choptank River.

<b>CHOPTANK RIVER TO CAMBRIDGE MD AND THE LITTLE CHOPTANK RIVER COUNTY --- 1.3 N CAMBRIDGE (CAMM2) [38.59, -76.07]</b>				
	07/21/22 15:00 EST		0	Marine Thunderstorm Wind (MG 36 kt)
	07/21/22 15:05 EST		0	Source: Mesonet

Wind gusts of up to 36 knots (41 MPH) were measured by a mesonet on the US-50 Choptank River Bridge (MD004).

<b>CHOPTANK RIVER TO CAMBRIDGE MD AND THE LITTLE CHOPTANK RIVER COUNTY --- CAMBRIDGE (CAMM2) [38.57, -76.07]</b>				
	07/21/22 15:00 EST		0	Marine Thunderstorm Wind (MG 44 kt)
	07/21/22 15:06 EST		0	Source: Buoy

Wind gusts of up to 44 knots (51 MPH) were measured by the Cambridge/Eaton Point Light NOS sensor (CAMM2).

<b>TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY --- BISHOPS HEAD (BISM2) [38.22, -76.04]</b>				
	07/21/22 15:18 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	07/21/22 15:18 EST		0	Source: Buoy

A squall produced an estimated wind gust to 34 knots (39 MPH) near the Bishops Head Pier NOS sensor (BISM2).

<b>TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- (DCA)REAGAN NATIONAL AIRPORT [38.86, -77.03]</b>				
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## Storm Data and Unusual Weather Phenomena - July 2022

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/21/22 15:45 EST		0	Marine Thunderstorm Wind (MG 38 kt)
	07/21/22 15:50 EST		0	Source: ASOS

Wind gusts of up to 38 knots (44 MPH) were measured by the ASOS at Ronald Reagan Washington National Airport (KDCA) adjacent to the tidal Potomac River.

<b>TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- NATIONALS PARK (WSHNP) [38.87, -77.01]</b>				
	07/21/22 15:50 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	07/21/22 15:50 EST		0	Source: Mesonet

A squall produced an estimated wind gust to 34 knots (39 MPH) near a mesonet at Nationals Park (WSHNP) adjacent to the tidal Potomac River.

<b>TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY --- CRISFIELD CG (CRS) [37.97, -75.88]</b>				
	07/21/22 16:36 EST		0	Marine Thunderstorm Wind (MG 51 kt)
	07/21/22 16:51 EST		0	Source: Buoy

Wind gusts of up to 51 knots (59 MPH) were measured by the Crisfield WeatherFlow sensor (XCRS).

<b>CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- SAUNDERS POINT LIGHT [38.88, -76.48]</b>				
	07/21/22 16:50 EST		0	Marine Thunderstorm Wind (MG 39 kt)
	07/21/22 17:00 EST		0	Source: Buoy

Wind gusts of up to 39 knots (45 MPH) were measured by the Saunders Point Light WeatherFlow sensor.

<b>CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- THOMAS POINT (TPLM2) [38.90, -76.44]</b>				
	07/21/22 16:59 EST		0	Marine Thunderstorm Wind (MG 40 kt)
	07/21/22 17:00 EST		0	Source: Buoy

Wind gusts of up to 40 knots (46 MPH) were measured by the Thomas Point NOS sensor (TPLM2).

<b>CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- TOLLY POINT (TOL) [38.94, -76.44]</b>				
	07/21/22 16:59 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	07/21/22 16:59 EST		0	Source: Buoy

A squall produced an estimated wind gust to 34 knots (39 MPH) near the Tolly Point WeatherFlow sensor (XTOL).

**A couple of thunderstorms produced sporadic instances of gusty winds when a surface trough interacted with the bay breeze.**

<b>TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- (DCA)REAGAN NATIONAL AIRPORT [38.86, -77.03]</b>				
	07/23/22 19:20 EST		0	Marine Thunderstorm Wind (MG 36 kt)
	07/23/22 19:30 EST		0	Source: ASOS

Wind gusts of up to 36 knots (41 MPH) were measured by the ASOS at Ronald Reagan Washington National Airport (KDCA) adjacent to the tidal Potomac River.

<b>PATAPSCO RIVER INCLUDING BALTIMORE HARBOR COUNTY --- 0.3 ESE BALTIMORE KEY BRIDGE (FSKM2) [39.22, -76.53]</b>				
	07/23/22 19:24 EST		0	Marine Thunderstorm Wind (EG 37 kt)
	07/23/22 19:24 EST		0	Source: Buoy

A squall produced estimated wind gusts up to 37 knots near one of the I-695 Francis Scott Key Bridge NOS sensor (FSNM2).

<b>TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- OCCOQUAN RIVER (OCC) [38.64, -77.22]</b>				
	07/23/22 19:26 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	07/23/22 19:26 EST		0	Source: Buoy

A squall produced an estimated wind gust to 34 knots (39 MPH) near the Occoquan River WeatherFlow sensor (XOCC).

**A cold front sparked showers and thunderstorms, some of which resulted in gusty winds near Baltimore Inner Harbor and the tidal Potomac River.**

<b>TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- NATIONALS PARK (WSHNP) [38.87, -77.01]</b>				
	07/25/22 14:55 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	07/25/22 14:55 EST		0	Source: Mesonet

## Storm Data and Unusual Weather Phenomena - July 2022

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
A squall produced an estimated wind gust to 34 knots (39 MPH) near a mesonet at Nationals Park (WSHNP) adjacent to the tidal Potomac River.				
<b>TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- (DCA)REAGAN NATIONAL AIRPORT [38.86, -77.03]</b>				
	07/25/22 15:02 EST	0		Marine Thunderstorm Wind (MG 35 kt)
	07/25/22 15:02 EST	0		Source: ASOS
A wind gust of 35 knots (40 MPH) was measured by the ASOS at Ronald Reagan Washington National Airport (KDCA) adjacent to the tidal Potomac River.				
<b>TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- QUANTICO (KNYG) [38.51, -77.30]</b>				
	07/25/22 15:23 EST	0		Marine Thunderstorm Wind (MG 40 kt)
	07/25/22 15:23 EST	0		Source: AWOS
A wind gust of 40 knots (46 MPH) was measured by the AWOS at Quantico Marine Base (KNYG) adjacent to the tidal Potomac River.				
<b>TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- PINEY POINT (PPTM2) [38.13, -76.53]</b>				
	07/25/22 16:00 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	07/25/22 16:00 EST	0		Source: Buoy
A squall produced an estimated wind gust to 34 knots (39 MPH) near the Piney Point NOS sensor (PPTM2).				
<b>TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- ST INIGOES (KNUI) [38.13, -76.42]</b>				
	07/25/22 16:00 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	07/25/22 16:00 EST	0		Source: ASOS
A squall produced an estimated wind gust to 34 knots (39 MPH) near the ASOS at Webster Field/Saint Inigoes (KNUI) adjacent to the tidal Potomac River.				
<b>CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- HERRING BAY (HRB) [38.73, -76.54]</b>				
	07/25/22 16:02 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	07/25/22 16:02 EST	0		Source: Buoy
A squall produced an estimated wind gust to 34 knots (39 MPH) near the Herring Bay WeatherFlow sensor (XHRB).				
<b>TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- POTOMAC LIGHT 33 (LT3) [38.34, -76.99]</b>				
	07/25/22 16:12 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	07/25/22 16:12 EST	0		Source: Buoy
A squall produced an estimated wind gust to 34 knots (39 MPH) near the Potomac Light 33 WeatherFlow sensor (XLT3).				
<b>PATUXENT RIVER TO BROOMES ISLAND MD COUNTY --- 0.9 NE CHESAPEAKE BIOLOGICAL LABORATORY (CBIM2) [38.33, -76.47]</b>				
	07/25/22 16:22 EST	0		Marine Thunderstorm Wind (MG 52 kt)
	07/25/22 16:29 EST	0		Source: Mesonet
Wind gusts of up to 52 knots (60 MPH) were measured by a mesonet on the MD-4 Thomas Johnson Bridge (MD147) over the tidal Patuxent River.				
<b>TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- CUCKOLD CREEK (CCK) [38.31, -76.93]</b>				
	07/25/22 16:23 EST	0		Marine Thunderstorm Wind (MG 35 kt)
	07/25/22 16:28 EST	0		Source: Buoy
Wind gusts of up to 35 knots (40 MPH) were measured by the Cuckold Creek WeatherFlow sensor (XCCK).				
<b>CHOPTANK RIVER TO CAMBRIDGE MD AND THE LITTLE CHOPTANK RIVER COUNTY --- 1.1 ENE TILGHMAN ES (TILHM) [38.71, -76.32]</b>				
	07/25/22 16:25 EST	0		Marine Thunderstorm Wind (MG 37 kt)
	07/25/22 16:35 EST	0		Source: Mesonet
Wind gusts of up to 37 knots (43 MPH) were measured by a mesonet on the MD-33 Knapps Narrows Drawbridge (MD073) between the Chesapeake Bay and the tidal Choptank River.				
<b>TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- MONROE CREEK (MON) [38.23, -76.95]</b>				
	07/25/22 16:29 EST	0		Marine Thunderstorm Wind (MG 36 kt)
	07/25/22 16:34 EST	0		Source: Buoy
Wind gusts of up to 36 knots (41 MPH) were measured by the Monroe Creek WeatherFlow sensor (XMON).				

## Storm Data and Unusual Weather Phenomena - July 2022

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>CHESAPEAKE BAY DRUM PT TO SMITH PT VA COUNTY --- PATUXENT RIVER ASOS (KNHK) [38.29, -76.41]</b>				
	07/25/22 16:34 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	07/25/22 16:34 EST	0		Source: ASOS
A squall produced an estimated wind gust to 34 knots (39 MPH) near the ASOS at Patuxent River Naval Air Station (KNHK) adjacent to the Chesapeake Bay and tidal Patuxent River.				
<b>TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- PYLONS DAHLGREN (PYL) [38.31, -77.00]</b>				
	07/25/22 16:34 EST	0		Marine Thunderstorm Wind (MG 36 kt)
	07/25/22 16:39 EST	0		Source: Buoy
Wind gusts of up to 36 knots (41 MPH) were measured by the Pylons Dahlgren WeatherFlow sensor (XPYL).				
<b>CHESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY --- 2.6 S MID BAY BUOY [38.43, -76.39]</b>				
	07/25/22 16:42 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	07/25/22 16:42 EST	0		Source: Buoy
A squall produced an estimated wind gust to 34 knots (39 MPH) near the Cove Point NOS sensor (COVM2).				
<b>CHOPTANK RIVER TO CAMBRIDGE MD AND THE LITTLE CHOPTANK RIVER COUNTY --- 6.4 SSE BLACKWALNUT HARBOR (BWH) [38.60, -76.27]</b>				
	07/25/22 16:55 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	07/25/22 16:55 EST	0		Source: Mesonet
A squall produced an estimated wind gust to 34 knots (39 MPH) near a mesonet on Kim Drive adjacent to the tidal Choptank River.				
<b>CHOPTANK RIVER TO CAMBRIDGE MD AND THE LITTLE CHOPTANK RIVER COUNTY --- 4.0 NW CHOPTANK RIVER (CHOP) [38.68, -76.21]</b>				
	07/25/22 17:00 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	07/25/22 17:00 EST	0		Source: Mesonet
A squall produced an estimated wind gust to 34 knots (39 MPH) near a mesonet in Oxford adjacent to the tidal Choptank River.				
<b>TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- MONROE CREEK (MON) [38.23, -76.95]</b>				
	07/25/22 17:04 EST	0		Marine Thunderstorm Wind (MG 46 kt)
	07/25/22 17:04 EST	0		Source: Buoy
A wind gust of 46 knots (53 MPH) was measured by the Monroe Creek WeatherFlow sensor (XMON).				
<b>TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- COBB POINT (COB) [38.24, -76.83]</b>				
	07/25/22 17:05 EST	0		Marine Thunderstorm Wind (MG 37 kt)
	07/25/22 17:20 EST	0		Source: Buoy
Wind gusts of up to 37 knots (43 MPH) were measured by the Cobb Point WeatherFlow sensor (XCOB).				
<b>CHOPTANK RIVER TO CAMBRIDGE MD AND THE LITTLE CHOPTANK RIVER COUNTY --- CAMBRIDGE (CAMM2) [38.57, -76.07]</b>				
	07/25/22 17:06 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	07/25/22 17:12 EST	0		Source: Buoy
A squall produced estimated wind gusts to 34 knots (39 MPH) near the Cambridge/Eaton Point Light NOS sensor (CAMM2).				
<b>TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- CUCKOLD CREEK (CCK) [38.31, -76.93]</b>				
	07/25/22 17:08 EST	0		Marine Thunderstorm Wind (MG 40 kt)
	07/25/22 17:08 EST	0		Source: Buoy
A wind gust of 40 knots (46 MPH) was measured by the Cuckold Creek WeatherFlow sensor (XCCK).				
<b>CHOPTANK RIVER TO CAMBRIDGE MD AND THE LITTLE CHOPTANK RIVER COUNTY --- 1.3 NNE CAMBRIDGE (CAMM2) [38.59, -76.06]</b>				
	07/25/22 17:10 EST	0		Marine Thunderstorm Wind (MG 36 kt)
	07/25/22 17:15 EST	0		Source: Mesonet
Wind gusts of up to 36 knots (41 MPH) were measured by a mesonet on the US-50 Choptank River Bridge (MD004).				

## Storm Data and Unusual Weather Phenomena - July 2022

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY --- BISHOPS HEAD (BISM2) [38.22, -76.04]</b>				
	07/25/22 17:12 EST	0		Marine Thunderstorm Wind (MG 39 kt)
	07/25/22 17:18 EST	0		Source: Buoy
Wind gusts of up to 39 knots (45 MPH) were measured by the Bishops Head Pier NOS sensor (BISM2).				
<b>CHESAPEAKE BAY DRUM PT TO SMITH PT VA COUNTY --- 5.3 NW LOWER HOOPER ISLAND (HPR) [38.32, -76.24]</b>				
	07/25/22 17:20 EST	0		Marine Thunderstorm Wind (MG 43 kt)
	07/25/22 17:20 EST	0		Source: Mesonet
A wind gust of 43 knots (49 MPH) was measured by a mesonet on Hoopers Island adjacent to the Chesapeake Bay and Tangier Sound.				
<b>TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- ST INIGOES (KNUI) [38.13, -76.42]</b>				
	07/25/22 17:22 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	07/25/22 17:25 EST	0		Source: ASOS
A squall produced an estimated wind gust to 34 knots (39 MPH) near the ASOS at Webster Field/Saint Inigoes (KNUI) adjacent to the tidal Potomac River.				
<b>CHESAPEAKE BAY DRUM PT TO SMITH PT VA COUNTY --- LOWER HOOPER ISLAND (HPR) [38.26, -76.18]</b>				
	07/25/22 17:29 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	07/25/22 17:39 EST	0		Source: Buoy
A squall produced estimated wind gusts to 34 knots (39 MPH) near the Lower Hooper Island WeatherFlow sensor (XHPR).				
<b>TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- LEWISSETTA (LWS) [38.00, -76.47]</b>				
	07/25/22 17:30 EST	0		Marine Thunderstorm Wind (MG 37 kt)
	07/25/22 17:36 EST	0		Source: Buoy
A wind gust of 37 knots (43 MPH) was measured by one of the Lewisetta NOS sensors (LWS).				
<b>TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- LEWISSETTA MD (LWTV2) [38.00, -76.47]</b>				
	07/25/22 17:30 EST	0		Marine Thunderstorm Wind (MG 38 kt)
	07/25/22 17:36 EST	0		Source: Buoy
A wind gust of 38 knots (44 MPH) was measured by one of the Lewisetta NOS sensors (LWTV2).				
<b>CHESAPEAKE BAY DRUM PT TO SMITH PT VA COUNTY --- POINT LOOKOUT (PTL) [38.04, -76.32]</b>				
	07/25/22 17:42 EST	0		Marine Thunderstorm Wind (MG 56 kt)
	07/25/22 17:47 EST	0		Source: Buoy
Wind gusts of up to 56 knots (64 MPH) were measured by the Point Lookout WeatherFlow sensor (XPTL).				
<b>CHESAPEAKE BAY DRUM PT TO SMITH PT VA COUNTY --- PATUXENT RIVER ASOS (KNHK) [38.29, -76.41]</b>				
	07/25/22 17:44 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	07/25/22 17:44 EST	0		Source: ASOS
A squall produced an estimated wind gust to 34 knots (39 MPH) near the ASOS at Patuxent River Naval Air Station (KNHK) adjacent to the Chesapeake Bay and tidal Patuxent River.				
<b>TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY --- BISHOPS HEAD (BISM2) [38.22, -76.04]</b>				
	07/25/22 17:48 EST	0		Marine Thunderstorm Wind (MG 43 kt)
	07/25/22 18:00 EST	0		Source: Buoy
Wind gusts of up to 43 knots (49 MPH) were measured by the Bishops Head Pier NOS sensor (BISM2).				
<b>TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- POTOMAC POINT LOOKOUT BUOY (44042) [38.03, -76.34]</b>				
	07/25/22 17:48 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	07/25/22 17:48 EST	0		Source: Buoy
A squall produced an estimated wind gust to 34 knots (39 MPH) near the Lower Potomac/Point Lookout CBIBS sensor (44042).				

## Storm Data and Unusual Weather Phenomena - July 2022

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>CHESAPEAKE BAY DRUM PT TO SMITH PT VA COUNTY --- 10.4 SSE POINT LOOKOUT (PTL) [37.90, -76.24]</b>				
	07/25/22 17:55 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	07/25/22 17:55 EST		0	Source: Mesonet
A squall produced an estimated wind gust to 34 knots (39 MPH) near a mesonet on Pinetree Drive adjacent to the Chesapeake Bay and tidal Potomac River.				
<b>TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY --- CRISFIELD CG (CRS) [37.97, -75.88]</b>				
	07/25/22 18:10 EST	0		Marine Thunderstorm Wind (MG 50 kt)
	07/25/22 18:30 EST		0	Source: Buoy
Wind gusts of up to 50 knots (58 MPH) were measured by the Crisfield WeatherFlow sensor (XCRS).				
<b>TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY --- RACCOON POINT (RAC) [38.14, -75.79]</b>				
	07/25/22 18:18 EST	0		Marine Thunderstorm Wind (MG 44 kt)
	07/25/22 18:23 EST		0	Source: Buoy
Wind gusts of up to 44 knots (51 MPH) were measured by the Raccoon Point WeatherFlow sensor (XRAC).				
<b>A weak cold front sparked scattered to numerous showers and thunderstorms that resulted in many instances of gusty winds over area waterways.</b>				
<b>TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- POTOMAC POINT LOOKOUT BUOY (44042) [38.03, -76.34]</b>				
	07/26/22 12:30 EST	0		Marine Thunderstorm Wind (MG 35 kt)
	07/26/22 12:30 EST		0	Source: Buoy
A wind gust of 35 knots (40 MPH) was measured by the Lower Potomac/Point Lookout CBIBS sensor (44042).				
<b>An isolated thunderstorm produced localized gusty winds over the lower tidal Potomac River.</b>				
<b>CHOPTANK RIVER TO CAMBRIDGE MD AND THE LITTLE CHOPTANK RIVER COUNTY --- 0.6 E TILGHMAN ES (TILHM) [38.71, -76.33]</b>				
	07/28/22 15:55 EST	0		Marine Thunderstorm Wind (MG 36 kt)
	07/28/22 15:55 EST		0	Source: Mesonet
A wind gust of 36 knots (41 MPH) was measured by a mesonet on Island Club Road adjacent to the tidal Choptank River.				
<b>CHOPTANK RIVER TO CAMBRIDGE MD AND THE LITTLE CHOPTANK RIVER COUNTY --- 4.2 NW CHOPTANK RIVER (CHOP) [38.68, -76.21]</b>				
	07/28/22 15:55 EST	0		Marine Thunderstorm Wind (MG 35 kt)
	07/28/22 16:19 EST		0	Source: Mesonet
Wind gusts of up to 35 knots (40 MPH) were measured by a mesonet in Oxford adjacent to the tidal Choptank River.				
<b>CHOPTANK RIVER TO CAMBRIDGE MD AND THE LITTLE CHOPTANK RIVER COUNTY --- 6.4 SSE BLACKWALNUT HARBOR (BWH) [38.60, -76.27]</b>				
	07/28/22 15:55 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	07/28/22 15:55 EST		0	Source: Mesonet
A squall produced an estimated wind gust to 34 knots (39 MPH) near a mesonet on Kim Drive adjacent to the tidal Choptank River.				
<b>CHOPTANK RIVER TO CAMBRIDGE MD AND THE LITTLE CHOPTANK RIVER COUNTY --- CAMBRIDGE (CAMM2) [38.57, -76.07]</b>				
	07/28/22 16:12 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	07/28/22 16:12 EST		0	Source: Buoy
A squall produced an estimated wind gust to 34 knots (39 MPH) near the Cambridge/Eaton Point Light NOS sensor (CAMM2).				
<b>TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY --- CRISFIELD CG (CRS) [37.97, -75.88]</b>				
	07/28/22 17:20 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	07/28/22 17:20 EST		0	Source: Buoy
A squall produced an estimated wind gust to 34 knots (39 MPH) near the Crisfield WeatherFlow sensor (XCRS).				
<b>TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY --- RACCOON POINT (RAC) [38.14, -75.79]</b>				

## Storm Data and Unusual Weather Phenomena - July 2022

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/28/22 17:23 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	07/28/22 17:23 EST		0	Source: Buoy

A squall produced an estimated wind gust to 34 knots (39 MPH) near the Raccoon Point WeatherFlow sensor (XRAC).

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

07/28/22 19:20 EST	0	Marine Thunderstorm Wind (MG 37 kt)
07/28/22 19:20 EST	0	Source: ASOS

A wind gust of 37 knots (43 MPH) was measured by the ASOS at Ronald Reagan Washington National Airport (KDCA) adjacent to the tidal Potomac River.

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### CHESAPEAKE BAY POOLES IS TO SANDY PT MD COUNTY --- TOLCHESTER MD (TCBM2) [39.21, -76.24]

07/28/22 19:42 EST	0	Marine Thunderstorm Wind (MG 34 kt)
07/28/22 19:42 EST	0	Source: Buoy

A wind gust of 34 knots (39 MPH) was measured by the Tolchester Beach NOS sensor (TCBM2).

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### CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- GREENBURY POINT (GBY) [38.97, -76.46]

07/28/22 19:52 EST	0	Marine Thunderstorm Wind (MG 36 kt)
07/28/22 19:52 EST	0	Source: Buoy

A wind gust of 36 knots (41 MPH) was measured by the Greenbury Point WeatherFlow sensor (XGBY).

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### CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- THOMAS POINT (TPLM2) [38.90, -76.44]

07/28/22 19:55 EST	0	Marine Thunderstorm Wind (EG 34 kt)
07/28/22 19:55 EST	0	Source: Buoy

A squall produced an estimated wind gust to 34 knots (39 MPH) near the Thomas Point NOS sensor (TPLM2).

**A few thunderstorms produced localized gusty winds over the area waterways.**

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## DISTRICT OF COLUMBIA

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### DISTRICT OF COLUMBIA COUNTY --- 1.3 SW WALTER REED [38.97, -77.05], 1.0 SW WALTER REED [38.97, -77.05], 0.7 WSW WALTER REED [38.98, -77.04], 0.5 WSW WALTER REED [38.98, -77.04], 0.6 SW WALTER REED [38.97, -77.04], 1.0 SW WALTER REED [38.97, -77.04]

07/02/22 23:30 EST	0	Flash Flood (due to Heavy Rain)
07/03/22 01:45 EST	0	Source: 911 Call Center

There was a rapid rise along the Rock Creek of several feet within an hour. The water level crested at 9.12 feet at 12:15 AM EST. The water level did not fall below flood stage until 8:45 AM on the 3rd of July.

Water reached several portions of the Valley Trail between picnic areas 7 and 10 in Rock Creek Park.

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### DISTRICT OF COLUMBIA COUNTY --- 0.4 NNE MOUNT PLEASANT [38.94, -77.05], 0.4 NNE MOUNT PLEASANT [38.94, -77.05], 0.5 NNE MOUNT PLEASANT [38.94, -77.05], 0.5 N MOUNT PLEASANT [38.94, -77.05]

07/03/22 00:44 EST	0	Flash Flood (due to Heavy Rain)
07/03/22 01:44 EST	0	Source: Fire Department/Rescue

Numerous vehicles were stranded in high water. Rock Creek was flowing over Beach Drive Northwest between Porter Street and Piney Branch Parkway Northwest.

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### DISTRICT OF COLUMBIA COUNTY --- 0.7 S GEORGETOWN [38.91, -77.05], 0.5 SSW GEORGETOWN [38.91, -77.05], 0.6 SW GEORGETOWN [38.91, -77.06], 0.7 S GEORGETOWN [38.91, -77.05]

07/03/22 01:47 EST	0	Flood (due to Heavy Rain)
07/03/22 03:47 EST	0	Source: Broadcast Media

Rock Creek and Potomac Parkway Northwest was closed due to residual flooding between Calvert Street Northwest and Virginia Avenue Northwest.

## Storm Data and Unusual Weather Phenomena - July 2022

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>DISTRICT OF COLUMBIA COUNTY --- GEORGETOWN [38.92, -77.05], 0.6 NNW MOUNT PLEASANT [38.94, -77.05], 0.7 N MOUNT PLEASANT [38.94, -77.05], 0.6 N MOUNT PLEASANT [38.94, -77.05], 0.5 NNE MOUNT PLEASANT [38.94, -77.05], 0.2 ENE MOUNT PLEASANT [38.93, -77.05], 0.4 ESE MOUNT PLEASANT [38.93, -77.04], 0.4 NE GEORGETOWN [38.92, -77.04]</b>				
	07/03/22 01:50 EST		0	Flood (due to Heavy Rain)
	07/03/22 03:50 EST		0	Source: Broadcast Media
Beach Drive Northwest was closed between Tilden Street Northwest and Rock Creek and Potomac Parkway Northwest due to flooding.				
A cold front dropped down from the north, causing showers and thunderstorms to develop. The storm motion was nearly parallel to the boundary, causing some storms to train over the same area. This led to instances of flooding and flash flooding.				
<b>DISTRICT OF COLUMBIA COUNTY --- 1.4 SSW GEORGETOWN [38.90, -77.06], 1.4 NNW LINCOLN MEMORIAL [38.90, -77.06], 1.0 NNW LINCOLN MEMORIAL [38.89, -77.06], 1.1 NNW LINCOLN MEMORIAL [38.89, -77.06], 1.4 SSW GEORGETOWN [38.90, -77.06]</b>				
	07/09/22 01:46 EST		0	Flash Flood (due to Heavy Rain)
	07/09/22 02:58 EST		0	Source: 911 Call Center
Rock Creek Parkway northbound was closed between I-66 and K Street NW due to high water.				
<b>DISTRICT OF COLUMBIA COUNTY --- 0.6 NE US CAPITOL [38.89, -77.01], 0.6 NNE US CAPITOL [38.89, -77.01], 0.6 NE US CAPITOL [38.89, -77.01], 0.6 NE US CAPITOL [38.89, -77.01]</b>				
	07/09/22 02:21 EST		0	Flash Flood (due to Heavy Rain)
	07/09/22 02:58 EST		0	Source: 911 Call Center
Flooding was reported along I-395 around the 3rd street tunnel.				
<b>DISTRICT OF COLUMBIA COUNTY --- 0.6 WSW WALTER REED [38.98, -77.04], 0.7 SW WALTER REED [38.97, -77.04], 1.0 SW WALTER REED [38.97, -77.04], 1.2 SW WALTER REED [38.97, -77.05], 1.3 SW WALTER REED [38.97, -77.05], 0.9 WSW WALTER REED [38.97, -77.04], 0.7 WSW WALTER REED [38.98, -77.04]</b>				
	07/09/22 02:30 EST		0	Flash Flood (due to Heavy Rain)
	07/09/22 02:58 EST		0	Source: 911 Call Center
The water level along Rock Creek rapidly rose above flood stage. Water covered several portions of the Valley Trail between picnic areas 7 and 10 along Rock Creek. Flooding continued until 7:30 AM EST.				
<b>DISTRICT OF COLUMBIA COUNTY --- 1.9 WSW GEORGETOWN [38.91, -77.08], 1.9 SSE DALECARLIA RESERVOIR [38.92, -77.11], 2.0 SSE DALECARLIA RESERVOIR [38.92, -77.11], 2.7 W GEORGETOWN [38.91, -77.10], 2.5 WSW GEORGETOWN [38.91, -77.09], 2.0 WSW GEORGETOWN [38.90, -77.08]</b>				
	07/09/22 02:52 EST		0	Flash Flood (due to Heavy Rain)
	07/09/22 02:58 EST		0	Source: 911 Call Center
Canal Road NW was closed between Foxhall Road NW and Arizona Avenue NW due to high water.				
<b>DISTRICT OF COLUMBIA COUNTY --- 1.1 W ANACOSTIA [38.87, -76.99], 0.7 WSW ANACOSTIA [38.87, -76.98], 1.7 NNE BENNING [38.90, -76.93], 1.4 ESE NATIONAL ARBORETUM [38.91, -76.95]</b>				
	07/09/22 03:25 EST		0	Flood (due to Heavy Rain)
	07/09/22 05:25 EST		0	Source: Emergency Manager
Roads remain flooded around Interstate 295.				
<b>DISTRICT OF COLUMBIA COUNTY --- 0.7 N ANACOSTIA [38.88, -76.97], 1.0 NW BENNING [38.89, -76.96], 0.7 NNW BENNING [38.89, -76.95], 0.6 NNE ANACOSTIA [38.88, -76.96]</b>				
	07/09/22 04:10 EST		0	Flood (due to Heavy Rain)
	07/09/22 06:10 EST		0	Source: Emergency Manager
Flooding occurred around DC-295.				
A weak cold front slowly moved through the area later on the 8th into the 9th. A wave of low pressure tracked along the front, passing through the area during that time. Plenty of moisture ahead of the boundary along with moderate instability led to areas of heavy rainfall. The slower storm motion and training storms led to areas of flooding and flash flooding.				
<b>DISTRICT OF COLUMBIA COUNTY --- 1.9 SSE DALECARLIA RESERVOIR [38.92, -77.11]</b>				
	07/12/22 16:50 EST		4K	Thunderstorm Wind (EG 50 kt)
	07/12/22 16:50 EST		0	Source: Broadcast Media



## Storm Data and Unusual Weather Phenomena - July 2022

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Several trees blew down in Northwest DC, including near the intersection of Canal Road Northwest and Arizona Avenue Northwest.				
<b>DISTRICT OF COLUMBIA COUNTY --- 1.8 SW NATIONAL ARBORETUM [38.90, -76.99]</b>				
	07/12/22 17:00 EST		25K	Thunderstorm Wind (EG 50 kt)
	07/12/22 17:00 EST		0	Source: Fire Department/Rescue

Several trees blew down northeast of the U.S. Capitol, including several onto vehicles on Morse Street Northeast.

**An outbreak of significant severe weather occurred during the afternoon and evening hours of Tuesday, July 12th, 2022. An unseasonably strong cold front interacted with a high instability airmass to result in several bowing lines of thunderstorms, which maintained their organization and intensity due to strong atmospheric wind shear. Swaths of widespread damaging winds were observed, much of which was considerable. A couple of tornadoes were also confirmed, along with some significant hail. A wind gust of over 100 MPH was measured in one of the most powerful storms over eastern West Virginia.**

<b>DISTRICT OF COLUMBIA COUNTY --- 0.8 SE BROOKLAND [38.92, -76.99], 1.1 SW NATIONAL ARBORETUM [38.91, -76.99], 0.7 SW NATIONAL ARBORETUM [38.91, -76.98], 0.7 NNW NATIONAL ARBORETUM [38.93, -76.98]</b>				
	07/16/22 18:00 EST		0	Flood (due to Heavy Rain)
	07/16/22 20:00 EST		0	Source: 911 Call Center

Flooding was reported on a few roads in DC, including the 1200 Block of Olivet Road Northeast, near the intersection of East Capitol Street Southeast and Benning Road Southeast. Flooding was also reported on US-1 Rhode Island Avenue Northeast near the intersection of Brentwood Road NE and 13th Street NE.

**An upper-level trough was overhead while a weak boundary was stalled nearby. Plenty of moisture around high pressure over the Atlantic led to the development of showers and thunderstorms. With slower storm motion, this led to instances of flooding.**

<b>DISTRICT OF COLUMBIA COUNTY --- 0.4 WNW BROOKLAND [38.93, -77.01]</b>				
	07/21/22 15:45 EST		1K	Thunderstorm Wind (EG 40 kt)
	07/21/22 15:45 EST		0	Source: Broadcast Media

A tree was reported down on northbound North Capitol Street Northeast after Irving Street Northeast/Northwest.

**A couple of thunderstorms produced sporadic instances of wind damage when a surface trough interacted with the bay breeze.**

<b>DISTRICT OF COLUMBIA COUNTY --- 1.3 NNE MOUNT PLEASANT [38.95, -77.04]</b>				
	07/25/22 14:46 EST		5K	Thunderstorm Wind (EG 50 kt)
	07/25/22 14:46 EST		0	Source: 911 Call Center

Five trees blew down across the northeast quadrant of DC.

**A weak cold front sparked scattered to numerous showers and thunderstorms that resulted in several instances of damaging wind gusts. One storm in particular contained considerable hail and destructive winds just east of the City of Charlottesville.**

### MARYLAND, Central

<b>FREDERICK COUNTY --- 0.9 SSE BETHEL [39.49, -77.44], 2.5 NW NEW LONDON [39.45, -77.28]</b>				
	07/01/22 12:43 EST		10K	Thunderstorm Wind (EG 50 kt)
	07/01/22 12:48 EST		0	Source: Emergency Manager

A downburst affected areas near and north of Frederick. Several trees blew down on Ford Road. A tree blew down near the intersection of US-15 and Mountville Road. A large tree limb blew down bringing down power lines near the intersection of Old Annapolis Road and Bridle Path Lane. A large tree limb blew down bringing down power lines in the unit block of East Second Street.

<b>CARROLL COUNTY --- 0.5 SE LINWOOD [39.57, -77.14]</b>				
	07/01/22 13:11 EST		4K	Thunderstorm Wind (EG 50 kt)
	07/01/22 13:11 EST		0	Source: Emergency Manager

Tree damage was reported in Linwood, including trees that blew down onto wires near the intersection of Pipe Creek Road and Stem Road.

<b>CARROLL COUNTY --- 1.3 NNE AVONDALE [39.59, -77.02], 1.4 SSW DEEP RUN [39.66, -76.99]</b>				
	07/01/22 13:18 EST		5K	Thunderstorm Wind (EG 50 kt)
	07/01/22 13:24 EST		0	Source: Emergency Manager

## Storm Data and Unusual Weather Phenomena - July 2022

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Tree damage was reported near Westminster, including trees that blew down onto wires on Wyndwood Terrace. A large tree limb blew down onto wires near the intersection of Rinehart Road and Saw Mill Road East.				
<b>CARROLL COUNTY --- 0.9 S BRUMMEL [39.59, -76.93]</b>				
	07/01/22 13:28 EST		2K	Thunderstorm Wind (EG 50 kt)
	07/01/22 13:28 EST		0	Source: Emergency Manager
Two trees blew down near the intersection of North Gorsuch Road and Leisters Church Road.				
<b>BALTIMORE COUNTY --- 0.3 N BUTLER [39.53, -76.73]</b>				
	07/01/22 13:50 EST		1K	Thunderstorm Wind (EG 40 kt)
	07/01/22 13:50 EST		0	Source: 911 Call Center
A tree was reported down on MD-128 Butler Road.				
<b>BALTIMORE COUNTY --- 0.2 NW WEST LIBERTY [39.68, -76.60]</b>				
	07/01/22 14:02 EST		1K	Thunderstorm Wind (EG 50 kt)
	07/01/22 14:02 EST		0	Source: 911 Call Center
Tree damage was reported near Bentley Springs, including in the 20000 block of West Liberty Road.				
<b>HOWARD COUNTY --- 1.5 W PINE ORCHARD [39.28, -76.90]</b>				
	07/01/22 14:08 EST		2K	Thunderstorm Wind (EG 50 kt)
	07/01/22 14:08 EST		0	Source: Department of Highways
Trees blew down off of Folly Quarter Road near Carroll Mill Road.				
<b>HARFORD COUNTY --- 1.3 N DARLINGTON [39.65, -76.20]</b>				
	07/01/22 14:45 EST		7K	Thunderstorm Wind (EG 50 kt)
	07/01/22 14:45 EST		0	Source: 911 Call Center
Tree damage was reported around Darlington. Trees blew down near the intersection of MD-623 Castleton Road and US-1 Conowingo Road. Trees and wires blew down near the intersection of MD-161 Darlington Road and Price Road. A tree blew down in the 700 block of MD-136 Priestford Road.				
<b>MONTGOMERY COUNTY --- 2.0 W DAVIS ARPT [39.25, -77.19]</b>				
	07/01/22 17:55 EST		15K	Lightning
	07/01/22 17:55 EST		0	Source: Fire Department/Rescue
Lightning struck a house in the 23600 block of White Peach Court, causing a fire in the basement that displaced 2 residents and resulted in about \$15,000 in damage.				
<b>Several pulse to loosely organized multicell thunderstorms produced localized wind damage.</b>				
<b>WASHINGTON COUNTY --- 0.3 SSE FIERY SIDING [39.60, -77.73], 2.1 ESE FUNKSTOWN [39.61, -77.68]</b>				
	07/02/22 14:50 EST		4K	Thunderstorm Wind (EG 50 kt)
	07/02/22 14:55 EST		0	Source: 911 Call Center
Several trees and wires blew down around Funkstown. A tree and wires blew down on Bear Creek Drive. A tree blew down onto wires in the 2000 block of Day Road.				
<b>WASHINGTON COUNTY --- 0.6 WNW EDGEMONT [39.68, -77.56]</b>				
	07/02/22 15:05 EST		1K	Thunderstorm Wind (EG 40 kt)
	07/02/22 15:05 EST		0	Source: 911 Call Center
Wires were reported down in the 13000 block of Kretsinger Road.				
<b>FREDERICK COUNTY --- 2.4 ENE SABILLASVILLE [39.71, -77.43]</b>				
	07/02/22 15:18 EST		25K	Thunderstorm Wind (EG 55 kt)
	07/02/22 15:18 EST		0	Source: 911 Call Center
A tree blew down bringing down a power pole and lines near Sunshine Trail and Harbaugh Valley Road. Trees and wires blew down in the 7500 block of Friends Creek Road.				

## Storm Data and Unusual Weather Phenomena - July 2022

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>FREDERICK COUNTY --- 1.7 NW EMMITSBURG [39.72, -77.35]</b>				
	07/02/22 15:31 EST		3K	Thunderstorm Wind (EG 55 kt)
	07/02/22 15:31 EST		0	Source: 911 Call Center
Trees blew down onto wires near the intersection of Mountain View Road and MD-140 Waynesboro Pike.				
<b>WASHINGTON COUNTY --- 1.4 WNW SHARPSBURG [39.46, -77.77]</b>				
	07/02/22 16:34 EST		3K	Thunderstorm Wind (EG 50 kt)
	07/02/22 16:34 EST		0	Source: 911 Call Center
Trees and wires blew down in the 17100 block of Snyders Landing Road. Wires blew down in the 3600 block of Harpers Ferry Road.				
<b>FREDERICK COUNTY --- 1.9 S MIDDLETOWN [39.42, -77.55]</b>				
	07/02/22 16:53 EST		2K	Thunderstorm Wind (EG 50 kt)
	07/02/22 16:53 EST		0	Source: 911 Call Center
Trees blew down in the 3400 block of Bussard Road.				
<b>MONTGOMERY COUNTY --- 2.0 E GLEN [39.05, -77.18]</b>				
	07/02/22 18:15 EST		15K	Thunderstorm Wind (EG 55 kt)
	07/02/22 18:15 EST		0	Source: Emergency Manager
A tree and wires blew down in the 11900 block of Harmony Lane off of Victory Lane . Multiple trees blew down at the intersection of Coldstream Drive and Prestwick Road, including a tree onto a house with cars damaged in the driveway. A tree blew down at the intersection of Glen Road and MD-189 Falls Road.				
<b>MONTGOMERY COUNTY --- 1.9 WSW ROCKVILLE [39.07, -77.18]</b>				
	07/02/22 18:20 EST		15K	Thunderstorm Wind (EG 60 kt)
	07/02/22 18:20 EST		0	Source: Emergency Manager
A tree blew down onto a residence near the intersection of Starlight Court and Royal Oak Court . Trees blew down near the intersection of Wooten Parkway and MD-189 Falls Road. There was a report of wires down with a transformer fire in the 300 block of Mannakee Street. Wires blew down into the road near the intersection of MD-189 Falls Road and Kersey Lane. Trees blew down onto MD-927 at I-270.				
<b>MONTGOMERY COUNTY --- 0.4 ESE WASHINGTON GROVE [39.13, -77.17]</b>				
	07/02/22 18:38 EST		2K	Thunderstorm Wind (EG 50 kt)
	07/02/22 18:38 EST		0	Source: Broadcast Media
Trees blew down along Shady Grove Road near Oakmont Avenue.				
<b>MONTGOMERY COUNTY --- 0.8 ENE ASHTON [39.15, -77.00]</b>				
	07/02/22 18:50 EST		2K	Thunderstorm Wind (EG 50 kt)
	07/02/22 18:50 EST		0	Source: Department of Highways
Trees blew down along MD-108 Ashton Road between Mink Hollow Road and MD-650 New Hampshire Avenue.				
<b>PRINCE GEORGE'S COUNTY --- 0.7 W ADELPHI [39.00, -76.98]</b>				
	07/02/22 19:50 EST		1K	Thunderstorm Wind (EG 40 kt)
	07/02/22 19:50 EST		0	Source: Department of Highways
A tree was reported down near the intersection of MD-650 New Hampshire Avenue and MD-320 Piney Branch Road.				
<b>MONTGOMERY COUNTY --- 0.4 SSE BROOKMONT [38.94, -77.12]</b>				
	07/02/22 19:59 EST		1K	Thunderstorm Wind (EG 45 kt)
	07/02/22 19:59 EST		0	Source: Broadcast Media
A tree was reported down near the intersection of MacArthur Boulevard and Sangamore Road.				
<b>CECIL COUNTY --- 1.8 WSW HACK PT [39.46, -75.91]</b>				
	07/02/22 20:20 EST		10K	Thunderstorm Wind (EG 55 kt)
	07/02/22 20:20 EST		0	Source: 911 Call Center

## Storm Data and Unusual Weather Phenomena - July 2022

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Multiple trees blew down around Cherry Grove Road and Stoney Battery Road.				
<b>BALTIMORE CITY (C) COUNTY --- 0.5 E BALTIMORE [39.30, -76.61]</b>				
	07/02/22 20:40 EST		1K	Thunderstorm Wind (EG 45 kt)
	07/02/22 20:40 EST		0	Source: Broadcast Media
Several branches blew down near downtown Baltimore.				
<b>PRINCE GEORGE'S COUNTY --- 0.3 SW EAST PINES [38.95, -76.92]</b>				
	07/03/22 00:20 EST		5K	Thunderstorm Wind (EG 50 kt)
	07/03/22 00:20 EST		0	Source: 911 Call Center
A few trees, branches and wires blew down in the Hyattsville/Bladensburg area.				
<b>A few severe thunderstorms produced several instances of wind damage ahead of a cold front during the afternoon and evening hours.</b>				
<b>CECIL COUNTY --- 1.3 ESE BLAKE [39.71, -75.90], 1.2 SE BLAKE [39.71, -75.90], 1.3 SE BLAKE [39.71, -75.90], 1.4 SE BLAKE [39.71, -75.90]</b>				
	07/02/22 18:15 EST		0	Flash Flood (due to Heavy Rain)
	07/02/22 19:00 EST		0	Source: 911 Call Center
Th road was closed along little elk creek due to high water.				
<b>CECIL COUNTY --- 1.6 WSW CALVERT [39.69, -76.01], 1.7 WSW CALVERT [39.69, -76.01], 1.7 WSW CALVERT [39.69, -76.01], 1.6 WSW CALVERT [39.69, -76.01]</b>				
	07/02/22 18:15 EST		0	Flash Flood (due to Heavy Rain)
	07/02/22 19:00 EST		0	Source: 911 Call Center
A few cars got stuck in high water along Calvert Road near North East Creek.				
<b>CECIL COUNTY --- 2.5 WNW RISING SUN [39.71, -76.12], 2.1 W RISING SUN [39.70, -76.11], 2.2 W RISING SUN [39.70, -76.11], 2.6 WNW RISING SUN [39.71, -76.12]</b>				
	07/02/22 18:15 EST		0	Flood (due to Heavy Rain)
	07/02/22 20:15 EST		0	Source: 911 Call Center
Horseshoe Road was under water.				
<b>CECIL COUNTY --- 0.9 E RISING SUN [39.70, -76.05], 0.9 E RISING SUN [39.70, -76.05], 0.9 E RISING SUN [39.70, -76.05], 0.9 E RISING SUN [39.70, -76.05]</b>				
	07/02/22 18:34 EST		0	Flash Flood (due to Heavy Rain)
	07/02/22 19:00 EST		0	Source: 911 Call Center
The road was closed due to flash flooding near the 300 Block of East Main Street.				
<b>BALTIMORE COUNTY --- 1.8 E CATONSVILLE MANOR [39.30, -76.69], 1.8 E CATONSVILLE MANOR [39.30, -76.69], 2.2 E CATONSVILLE MANOR [39.30, -76.68], 2.2 E CATONSVILLE MANOR [39.30, -76.68]</b>				
	07/02/22 19:43 EST		0	Flood (due to Heavy Rain)
	07/02/22 21:43 EST		0	Source: 911 Call Center
The road was flooded around Colborne Road.				
<b>BALTIMORE COUNTY --- 1.6 ESE DUNDALK [39.27, -76.49], 1.6 ESE DUNDALK [39.26, -76.49], 2.1 ESE DUNDALK [39.26, -76.48], 2.2 ESE DUNDALK [39.26, -76.48]</b>				
	07/02/22 19:51 EST		0	Flash Flood (due to Heavy Rain)
	07/02/22 21:51 EST		0	Source: 911 Call Center
A water rescue was reported on Wise Avenue.				
<b>BALTIMORE COUNTY --- 0.9 SW WHITE MARSH [39.37, -76.44], 1.1 NNE POPLAR [39.37, -76.44], 1.1 NNE POPLAR [39.36, -76.44], 0.8 SSW WHITE MARSH [39.37, -76.43]</b>				
	07/02/22 19:55 EST		0	Flash Flood (due to Heavy Rain)
	07/02/22 21:55 EST		0	Source: 911 Call Center

## Storm Data and Unusual Weather Phenomena - July 2022

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
A water rescue was reported on Route 40 in White Marsh due to high water.				
<b>BALTIMORE COUNTY --- 3.5 SSE BARE HILLS [39.31, -76.65], 3.9 SSE BARE HILLS [39.30, -76.65], 3.9 SSE BARE HILLS [39.30, -76.65], 3.5 SSE BARE HILLS [39.31, -76.65]</b>				
	07/02/22 19:55 EST	0		Flood (due to Heavy Rain)
	07/02/22 21:55 EST	0		Source: 911 Call Center
Water was over the curbs along Fulton Avenue.				
<b>BALTIMORE COUNTY --- 1.6 NW WHITE MARSH [39.40, -76.45], 1.6 NW WHITE MARSH [39.40, -76.45], 1.7 NW WHITE MARSH [39.40, -76.45], 1.7 NW WHITE MARSH [39.40, -76.45]</b>				
	07/02/22 19:58 EST	0		Flash Flood (due to Heavy Rain)
	07/02/22 21:58 EST	0		Source: 911 Call Center
A water rescue was reported along Honeygo Boulevard due to high water.				
<b>PRINCE GEORGE'S COUNTY --- 0.2 SW RIVERDALE [38.95, -76.95], 0.3 S RIVERDALE [38.95, -76.95], 0.2 SSE RIVERDALE [38.95, -76.95], 0.1 SW RIVERDALE [38.95, -76.95]</b>				
	07/02/22 21:05 EST	0		Flash Flood (due to Heavy Rain)
	07/03/22 21:30 EST	0		Source: River/Stream Gage
There was a rapid rise along the Northwest Branch of the Anacostia River at Brentwood around 7.2 feet in fifty minutes.				
<b>BALTIMORE COUNTY --- 1.3 WSW WHITE MARSH [39.37, -76.45], 1.1 WSW WHITE MARSH [39.37, -76.45], 1.0 SW WHITE MARSH [39.37, -76.44], 1.2 SW WHITE MARSH [39.37, -76.45]</b>				
	07/02/22 21:10 EST	0		Flash Flood (due to Heavy Rain)
	07/02/22 21:55 EST	0		Source: 911 Call Center
The water level along Whitmarsh Run rapidly reached minor flood stage, cresting at 11.88 feet at 9:25 PM EST on the 2nd of July. The water level fell below flood stage at 10:55 PM EST.				
Water covered the parking lots near the stream, particularly near the Town Center Court.				
<b>MONTGOMERY COUNTY --- 0.7 ESE TWIN BROOK [39.07, -77.09], 0.8 ESE TWIN BROOK [39.07, -77.09], 0.6 W GLENMONT [39.07, -77.08], 0.6 W GLENMONT [39.07, -77.08], 0.8 ESE TWIN BROOK [39.07, -77.09]</b>				
	07/02/22 22:35 EST	0		Flash Flood (due to Heavy Rain)
	07/02/22 23:00 EST	0		Source: River/Stream Gage
The water level along Turkey Branch rapidly rose above flood stage, cresting at 10.5 feet. Water approached the intersection of Turkey Branch Parkway and Danvers Street, and the intersection of Turkey Branch Parkway and Grenhole.				
<b>MONTGOMERY COUNTY --- 1.0 NNE RANDOLPH HILLS [39.09, -77.12], 1.3 NE RANDOLPH HILLS [39.09, -77.12], 1.3 NE RANDOLPH HILLS [39.09, -77.12], 1.0 NNE RANDOLPH HILLS [39.09, -77.12]</b>				
	07/02/22 22:36 EST	0		Flash Flood (due to Heavy Rain)
	07/03/22 00:00 EST	0		Source: Broadcast Media
MD-28 was closed between Avery and Baltimore Roads due to flowing water from Rock Creek.				
<b>MONTGOMERY COUNTY --- 0.7 NNW LAYHILL [39.09, -77.05], 0.6 NNW LAYHILL [39.09, -77.05], 0.6 NNW LAYHILL [39.09, -77.05], 0.7 NNW LAYHILL [39.09, -77.05]</b>				
	07/02/22 22:52 EST	0		Flash Flood (due to Heavy Rain)
	07/03/22 00:00 EST	0		Source: Fire Department/Rescue
A water rescue occurred along Village Lane and Rippling Brook Drive in about two feet of water.				
<b>MONTGOMERY COUNTY --- 1.1 NNE LAYHILL [39.10, -77.04], 1.1 NNE LAYHILL [39.10, -77.04], 1.1 NNE LAYHILL [39.10, -77.04], 1.1 NNE LAYHILL [39.10, -77.04]</b>				
	07/02/22 22:59 EST	0		Flash Flood (due to Heavy Rain)
	07/03/22 00:00 EST	0		Source: Fire Department/Rescue
A vehicle was stranded in high water at the intersection of Longmead Crossing Drive and Layhill Road.				

## Storm Data and Unusual Weather Phenomena - July 2022

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>MONTGOMERY COUNTY --- 1.6 E GEORGETOWN JCT [39.00, -77.02], 1.6 E GEORGETOWN JCT [39.00, -77.02], 1.6 E GEORGETOWN JCT [39.00, -77.02], 1.6 E GEORGETOWN JCT [39.00, -77.02]</b>				
	07/02/22 23:02 EST		0	Flash Flood (due to Heavy Rain)
	07/03/22 00:00 EST		0	Source: Public
About six inches of flowing water was across Dale Drive near Ellsworth Drive.				
<b>MONTGOMERY COUNTY --- 1.9 S KEMP MILL [39.00, -77.01], 1.9 S KEMP MILL [39.00, -77.01], 1.9 SSE KEMP MILL [39.00, -77.01], 1.9 S KEMP MILL [39.00, -77.01]</b>				
	07/02/22 23:24 EST		0	Flash Flood (due to Heavy Rain)
	07/03/22 00:00 EST		0	Source: Fire Department/Rescue
Three vehicles were stranded in high water along Sligo Creek as it overflowed its banks onto Sligo Creek Parkway near Schuyler Road.				
<b>MONTGOMERY COUNTY --- 0.9 S PARKWOOD [39.01, -77.08], 0.9 SSE PARKWOOD [39.01, -77.08], 0.7 SSE PARKWOOD [39.01, -77.08], 0.8 S PARKWOOD [39.01, -77.08]</b>				
	07/02/22 23:26 EST		0	Flash Flood (due to Heavy Rain)
	07/03/22 00:00 EST		0	Source: Fire Department/Rescue
Beach Drive was shut down between MD-185 Connecticut Avenue and Kensington Parkway due to Rock Creek flowing out of its banks.				
<b>PRINCE GEORGE'S COUNTY --- 1.4 N BRANCHVILLE [39.02, -76.93], 1.2 NNE BRANCHVILLE [39.02, -76.93], 1.2 N BRANCHVILLE [39.02, -76.93], 1.5 N BRANCHVILLE [39.02, -76.93]</b>				
	07/02/22 23:30 EST		0	Flash Flood (due to Heavy Rain)
	07/03/22 00:00 EST		0	Source: Department of Highways
The service road of I-95/I-495 Capital Beltway Inner Loop was blocked by high water prior to US-1 Baltimore Avenue.				
<b>MONTGOMERY COUNTY --- 0.9 NE TAKOMA PARK [38.98, -76.99], 0.9 NE TAKOMA PARK [38.98, -76.99], 1.0 NE TAKOMA PARK [38.98, -76.99], 1.0 NE TAKOMA PARK [38.98, -76.99], 0.9 NE TAKOMA PARK [38.98, -76.99], 0.9 NE TAKOMA PARK [38.98, -76.99]</b>				
	07/02/22 23:53 EST		0	Flash Flood (due to Heavy Rain)
	07/03/22 01:30 EST		0	Source: Fire Department/Rescue
Several vehicles were stranded in high water due to Sligo Creek out of its banks near the intersection of MD-650 and Sligo Creek Parkway. Boats were deployed and New Hampshire Avenue was closed.				
<b>MONTGOMERY COUNTY --- 1.1 ESE WHEATON HILLS [39.06, -77.03], 1.1 ESE WHEATON HILLS [39.07, -77.03], 1.2 ESE WHEATON HILLS [39.07, -77.03], 1.2 ESE WHEATON HILLS [39.07, -77.03]</b>				
	07/03/22 00:00 EST		0	Flash Flood (due to Heavy Rain)
	07/03/22 00:15 EST		0	Source: River/Stream Gage
There was a rapid rise of several feet in about an hour along the Northwest Branch of the Anacostia River in Colesville . The water level crested above flood stage at 10.11 feet at 12:30 AM EST. The water level fell below flood stage at 1:45 AM EST.				
Backyards of homes on Kemps Mill Road just south of Randolph Street were flooded.				
<b>PRINCE GEORGE'S COUNTY --- 0.4 WSW RIVERDALE [38.95, -76.96], 0.2 SW RIVERDALE [38.95, -76.95], 0.2 WSW RIVERDALE [38.95, -76.95], 0.4 W RIVERDALE [38.95, -76.96]</b>				
	07/03/22 00:30 EST		0	Flash Flood (due to Heavy Rain)
	07/03/22 01:45 EST		0	Source: River/Stream Gage
The water level rose rapidly over 6 feet in one hour, cresting at 10.71 feet at 12:45 AM EST. The Anacostia River Park around near 38th street began to flood.				
<b>PRINCE GEORGE'S COUNTY --- UNIVERSITY PARK [38.97, -76.98], 0.1 NW UNIVERSITY PARK [38.97, -76.98], 0.1 NNW UNIVERSITY PARK [38.97, -76.98], 0.1 NNE UNIVERSITY PARK [38.97, -76.98]</b>				
	07/03/22 00:31 EST		0	Flash Flood (due to Heavy Rain)
	07/03/22 01:31 EST		0	Source: Broadcast Media
MD-410 East-West highway was closed at MD-212 Riggs Road due to Sligo Creek being out of its banks.				

## Storm Data and Unusual Weather Phenomena - July 2022

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>MONTGOMERY COUNTY --- 0.5 E GEORGETOWN JCT [39.00, -77.04], 0.7 E GEORGETOWN JCT [39.00, -77.04], 0.7 E GEORGETOWN JCT [39.00, -77.04], 0.6 E GEORGETOWN JCT [39.00, -77.04]</b>				
	07/03/22 00:39 EST		0	Flash Flood (due to Heavy Rain)
	07/03/22 01:39 EST		0	Source: Fire Department/Rescue
Several homes with basements were flooded and families were displaced due to flooding.				
<b>PRINCE GEORGE'S COUNTY --- 0.2 W CAROLE HIGHLANDS [38.97, -76.97], 0.2 WSW CAROLE HIGHLANDS [38.97, -76.97], 0.1 WSW CAROLE HIGHLANDS [38.97, -76.97], 0.1 W CAROLE HIGHLANDS [38.97, -76.97]</b>				
	07/03/22 00:42 EST		0	Flash Flood (due to Heavy Rain)
	07/03/22 01:42 EST		0	Source: Fire Department/Rescue
A neighborhood was flooded near the intersection of 23rd Avenue and Sheridan Street. Multiple people were trapped or displaced.				
<b>PRINCE GEORGE'S COUNTY --- 0.2 SW RIVERDALE [38.95, -76.95], 0.3 S RIVERDALE [38.95, -76.95], 0.2 SSE RIVERDALE [38.95, -76.95], 0.1 SW RIVERDALE [38.95, -76.95]</b>				
	07/03/22 01:10 EST		0	Flash Flood (due to Heavy Rain)
	07/03/22 01:45 EST		0	Source: River/Stream Gage
There was a rapid rise along the Northwest Branch of the Anacostia River at Brentwood of nearly six feet within an hour.				
<b>MONTGOMERY COUNTY --- 0.5 W CABIN JOHN [38.97, -77.18], 0.6 WSW CABIN JOHN [38.97, -77.18], 0.5 WSW CABIN JOHN [38.97, -77.18], 0.4 W CABIN JOHN [38.97, -77.18]</b>				
	07/03/22 01:18 EST		0	Flash Flood (due to Heavy Rain)
	07/03/22 01:45 EST		0	Source: Department of Highways
The roadway from I-495 Capital Beltway to Clara Barton Parkway was blocked due to high water.				
<b>A cold front dropped down from the north, causing showers and thunderstorms to develop. The storm motion was nearly parallel to the boundary, causing some storms to train over the same area. This led to instances of flooding and flash flooding.</b>				
<b>PRINCE GEORGE'S COUNTY --- 1.1 ENE GREENBELT [39.01, -76.86]</b>				
	07/05/22 16:05 EST		50K	Thunderstorm Wind (EG 60 kt)
	07/05/22 16:05 EST		0	Source: 911 Call Center
Dozens of trees and large tree limbs blew down near Springfield Road, Odell Road, and Ellington Drive.				
<b>PRINCE GEORGE'S COUNTY --- 1.3 E COLLINGTON [38.97, -76.75], 2.0 E COLLINGTON [38.97, -76.73]</b>				
	07/05/22 16:31 EST		0.25M	Tornado (EF1, L: 0.80 mi , W: 125 yd)
	07/05/22 16:34 EST		0	Source: NWS Storm Survey
A supercell thunderstorm spawned a brief EF1 tornado just north of Bowie, MD in Prince Georges County late on Tuesday afternoon July 5th, 2022, between 5:31 and 5:34 PM EDT. This supercell spawned along the Howard/Montgomery County line as a result of a remnant mesoscale convective vortex moving through the region which had moved through the Ohio Valley earlier in the day . It evolved into a cluster of cells initially before splitting off into an individual supercell that would develop rotation as it moved out of southeastern Montgomery County into northwestern Prince Georges County. The tornado caused extensive tree damage in the Somerset subdivision just north of Bowie, MD. There was also one instance where a tree had fallen on top of a residence near the intersection of Stafford Lane near Saber Lane . However, there were several other trees down in the area outside of the more concentrated tornadic damage, particularly along Buckingham Drive perpendicular to White Marsh Branch. At this location along Buckingham Drive, trees fell upon power lines, snapping several supporting utility poles. The tornado initially touched down around Tarragon Lane and tracked eastward over the Bowie High School Annex before tracking into the Somerset subdivision , where the majority of the damage was observed. The tornado would then lift just before reaching southern portions of Whitemarsh Park.				
<b>ANNE ARUNDEL COUNTY --- 0.5 N WEST RIVER [38.86, -76.58]</b>				
	07/05/22 16:49 EST		4K	Thunderstorm Wind (EG 55 kt)
	07/05/22 16:49 EST		0	Source: 911 Call Center
Trees blew down off of Owensville Road northwest of Galesville.				
<b>ANNE ARUNDEL COUNTY --- 0.3 S SOUTH RIVER [38.90, -76.60], 0.4 SSE SOUTH RIVER [38.90, -76.60]</b>				
	07/05/22 16:55 EST		0	Tornado (EFU, L: 0.13 mi , W: 50 yd)
	07/05/22 16:56 EST		0	Source: Broadcast Media

## Storm Data and Unusual Weather Phenomena - July 2022

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<p>A supercell thunderstorm spawned a brief tornado just north of Harwood , Maryland (4 miles southwest of Londontowne) in Anne Arundel County late Tuesday afternoon July 5th, 2022, between 5:55 and 5:56 PM EDT. This supercell originally developed along the Howard/Montgomery County line as a result of a remnant mesoscale convective vortex (MCV) moving through the region which had moved through the Ohio Valley earlier in the day . It evolved into a cluster of cells initially before splitting off into an individual supercell that would develop rotation as it moved out of southeastern Montgomery County into northwestern Prince Georges County. The cell dropped a tornado earlier in the afternoon near Bowie, and would then cycle to produce the second tornado in Harwood. A broadcast media partner provided video and eyewitness evidence of a brief spin -up tornado while located at the intersection of Birdsville Road and MD-2 Solomons Island Road. This individual noted that the tornado was located just to their north in an open field and was on the ground for about one minute.</p>				

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<b>ANNE ARUNDEL COUNTY --- 0.6 SW BIRDSVILLE [38.89, -76.58]</b>				
	07/05/22 16:57 EST		3K	Thunderstorm Wind (EG 50 kt)
	07/05/22 16:57 EST		0	Source: 911 Call Center

Trees blew down between MD-2 and Muddy Creek Road east of HopScratch Farms.

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<b>ANNE ARUNDEL COUNTY --- 0.8 NNE MC KENDREE [38.79, -76.61]</b>				
	07/05/22 17:22 EST		2K	Thunderstorm Wind (EG 50 kt)
	07/05/22 17:22 EST		0	Source: 911 Call Center

Two trees blew down off of Brooks Woods Road between West Bay Front Road and Greenock Road.

**A few thunderstorms, including an isolated supercell, produced sporadic wind damage and a couple of tornadoes along a stalled warm front.**

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<b>ANNE ARUNDEL COUNTY --- 1.1 W MARGATE [39.17, -76.60], 1.7 NE (FME)TIPTON AAF FT M [39.09, -76.73], 0.4 NW MILLERSVILLE [39.05, -76.68], 0.7 S HERALD HARBOR [39.04, -76.57], 1.2 NNW JACOBSTOWN [39.14, -76.53]</b>				
	07/07/22 01:30 EST		0	Flood (due to Heavy Rain)
	07/07/22 03:30 EST		0	Source: 911 Call Center

Several roads were partially blocked briefly by high standing water near Glen Burnie, Odenton, and Pasadena.

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<b>CARROLL COUNTY --- TANEYTOWN [39.67, -77.18], 1.2 SW HARNEY [39.71, -77.22], 0.6 ESE HARNEY [39.72, -77.19], 3.5 NNW PIPE CREEK MILL [39.71, -77.13], 1.4 NE TANEYTOWN [39.68, -77.16]</b>				
	07/07/22 03:15 EST		0	Flood (due to Heavy Rain)
	07/07/22 05:15 EST		0	Source: 911 Call Center

Several roads were closed due to high water north of Taneytown towards the state line.

**Heavy rainfall from thunderstorms led to isolated instances of flooding.**

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<b>MONTGOMERY COUNTY --- 0.5 NNE GLEN ECHO [38.98, -77.13], 0.5 NNE GLEN ECHO [38.98, -77.13], 0.4 NNE GLEN ECHO [38.98, -77.13], 0.4 NNE GLEN ECHO [38.98, -77.13]</b>				
	07/08/22 23:53 EST		0	Flash Flood (due to Heavy Rain)
	07/09/22 02:00 EST		0	Source: Department of Highways

Westbound Lanes of MD-190/River Road at Winston Drive and Whittier Boulevard were blocked due to high water.

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<b>MONTGOMERY COUNTY --- 0.5 NW CARDEROCK SPGS [39.00, -77.18], 0.7 NNE CARDEROCK SPGS [39.01, -77.16], 0.8 NNE CARDEROCK SPGS [39.01, -77.17], 0.6 NW CARDEROCK SPGS [39.01, -77.18]</b>				
	07/09/22 00:08 EST		0	Flash Flood (due to Heavy Rain)
	07/09/22 01:00 EST		0	Source: Broadcast Media

Bradley Boulevard between River Road and Seven Locks Road was impassable due to high water.

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<b>MONTGOMERY COUNTY --- 0.8 WNW CABIN JOHN [38.97, -77.18], 0.7 WSW EMERY CORNERS [38.98, -77.18], 0.8 WSW EMERY CORNERS [38.98, -77.18], 0.8 WSW EMERY CORNERS [38.98, -77.18]</b>				
	07/09/22 00:08 EST		0	Flash Flood (due to Heavy Rain)
	07/09/22 01:30 EST		0	Source: Public

Witex Road at Rock Run Bridge was flooded due to high water.

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<b>MONTGOMERY COUNTY --- 0.9 SE GARRETT PARK ESTATES [39.04, -77.09], 0.7 SSW GARRETT PARK [39.04, -77.09], 0.6 SW GARRETT PARK [39.04, -77.09], 0.8 SE GARRETT PARK ESTATES [39.04, -77.09]</b>				
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## Storm Data and Unusual Weather Phenomena - July 2022

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/09/22 00:15 EST		0	Flood (due to Heavy Rain)
	07/09/22 03:15 EST		0	Source: Emergency Manager

Garrett Park Road near Beach Drive to Kensington Parkway and Connecticut Avenue was closed due to high water.

**MONTGOMERY COUNTY --- 0.7 ESE POTOMAC [39.02, -77.21], 0.7 ESE POTOMAC [39.02, -77.21], 0.7 ESE POTOMAC [39.02, -77.21], 0.7 ESE POTOMAC [39.02, -77.21]**

07/09/22 01:05 EST	0	Flash Flood (due to Heavy Rain)
07/09/22 01:30 EST	0	Source: 911 Call Center

A vehicle was stuck in high water on Counselman Road near River Road.

**ST. MARY'S COUNTY --- 1.4 E BUSHWOOD [38.30, -76.76], 1.2 ESE BUSHWOOD [38.29, -76.76], 1.1 ESE BUSHWOOD [38.30, -76.76], 1.3 E BUSHWOOD [38.30, -76.76]**

07/09/22 07:12 EST	0	Flash Flood (due to Heavy Rain)
07/09/22 08:15 EST	0	Source: Trained Spotter

Tomakokin Creek was flowing over Colton Point Road and the road was closed.

**ST. MARY'S COUNTY --- 2.3 SSE LOVEVILLE [38.34, -76.66], 2.1 SSE LOVEVILLE [38.34, -76.67], 1.9 SSE LOVEVILLE [38.34, -76.66], 2.1 SSE LOVEVILLE [38.34, -76.66]**

07/09/22 07:30 EST	0	Flash Flood (due to Heavy Rain)
07/09/22 08:15 EST	0	Source: Emergency Manager

Maypole Road was closed at Miski Run with one foot of water flowing across the road.

**ST. MARY'S COUNTY --- 0.7 SE CALIFORNIA [38.29, -76.49], 0.7 SE CALIFORNIA [38.29, -76.49], 0.7 ESE CALIFORNIA [38.30, -76.49], 0.6 ESE CALIFORNIA [38.30, -76.49], 0.7 SE CALIFORNIA [38.29, -76.49]**

07/09/22 07:45 EST	0	Flood (due to Heavy Rain)
07/09/22 10:45 EST	0	Source: 911 Call Center

Maple Road was closed in several locations due to high water.

**ST. MARY'S COUNTY --- 0.7 WNW CHAPTICO [38.37, -76.79], 0.5 SSE CHAPTICO [38.36, -76.78], 0.7 SE CHAPTICO [38.36, -76.77], 0.6 NW CHAPTICO [38.37, -76.79]**

07/09/22 07:49 EST	0	Flood (due to Heavy Rain)
07/09/22 11:00 EST	0	Source: 911 Call Center

High water was on Budds Creek Road. The road was closed.

**ST. MARY'S COUNTY --- 0.9 NW ABELL [38.26, -76.74], 0.5 SW ABELL [38.24, -76.74], 0.2 S COLTON [38.23, -76.75], 0.9 NNE COLTONS PT [38.23, -76.77], 0.4 WNW AVENUE [38.25, -76.78], 0.9 N AVENUE [38.26, -76.77], 1.3 SE MILESTOWN [38.27, -76.75]**

07/09/22 07:49 EST	0	Flash Flood (due to Heavy Rain)
07/09/22 08:15 EST	0	Source: 911 Call Center

Several roads were closed near Avenue, Abell, and Coltons Point due to small streams flowing over the roads. Some roads had the shoulders washed out.

**ST. MARY'S COUNTY --- 1.5 SW CHAPTICO [38.35, -76.80], 1.7 SW CHAPTICO [38.35, -76.80], 1.7 SW CHAPTICO [38.35, -76.80], 1.5 SW CHAPTICO [38.35, -76.80]**

07/09/22 07:49 EST	0	Flash Flood (due to Heavy Rain)
07/09/22 08:15 EST	0	Source: 911 Call Center

Maddox Road was closed near Burroughs Run due to high water moving across the roadway.

**ST. MARY'S COUNTY --- 1.3 W LEONARDTOWN [38.30, -76.65], 1.6 W LEONARDTOWN [38.30, -76.66], 1.6 WNW LEONARDTOWN [38.31, -76.66], 1.4 WNW LEONARDTOWN [38.31, -76.65]**

07/09/22 07:59 EST	0	Flood (due to Heavy Rain)
07/09/22 10:59 EST	0	Source: Department of Highways

MD 243 North/South was closed at MD 5 due to high water.

## Storm Data and Unusual Weather Phenomena - July 2022

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>ST. MARY'S COUNTY --- 1.6 W LEONARDTOWN [38.30, -76.66], 1.6 W LEONARDTOWN [38.30, -76.66], 1.6 W LEONARDTOWN [38.30, -76.66], 1.6 W LEONARDTOWN [38.30, -76.66], 1.6 W LEONARDTOWN [38.30, -76.66], 1.6 W LEONARDTOWN [38.30, -76.66]</b>				
	07/09/22 08:20 EST		0	Flash Flood (due to Heavy Rain)
	07/09/22 08:25 EST		0	Source: 911 Call Center
Eighteen inches of water from McIntosh Run was flowing over Compton Road just south of Point Lookout Road.				
<b>ANNE ARUNDEL COUNTY --- 1.2 NNE SOUTH RIVER [38.92, -76.59], 1.4 N SOUTH RIVER [38.92, -76.60], 1.7 N SOUTH RIVER [38.92, -76.60], 1.7 NNE SOUTH RIVER [38.92, -76.59], 1.4 NNE SOUTH RIVER [38.92, -76.59]</b>				
	07/09/22 09:09 EST		0	Flood (due to Heavy Rain)
	07/09/22 12:09 EST		0	Source: Department of Highways
Brick Church Road was closed due go high water.				
<b>A weak cold front slowly moved through the area later on the 8th into the 9th. A wave of low pressure tracked along the front, passing through the area during that time. Plenty of moisture ahead of the boundary along with moderate instability led to areas of heavy rainfall. The slower storm motion and training storms led to areas of flooding and flash flooding.</b>				
<b>GARRETT COUNTY --- 1.8 ESE NEELER GLADE [39.62, -79.45]</b>				
	07/12/22 13:17 EST		1K	Thunderstorm Wind (EG 50 kt)
	07/12/22 13:17 EST		0	Source: Emergency Manager
Tree damage was reported southwest of Friendsville, including a tree that blew down near the intersection of White Rock Crosscut Road and Trap Run Road.				
<b>GARRETT COUNTY --- 1.1 ENE NEW GERMANY [39.63, -79.10]</b>				
	07/12/22 13:40 EST		2K	Thunderstorm Wind (EG 50 kt)
	07/12/22 13:40 EST		0	Source: Emergency Manager
Tree damage was reported southeast of Grantsville, including a tree that blew down onto wires on Twin Churches Road.				
<b>GARRETT COUNTY --- 3.1 NNE KEMPTON [39.24, -79.45]</b>				
	07/12/22 13:57 EST		3K	Thunderstorm Wind (EG 50 kt)
	07/12/22 13:57 EST		0	Source: Emergency Manager
Tree damage was reported north of Wilsonia, including a tree that blew down onto power lines near the intersection of Kempton Road and Gregory Lane. A tree blew down along George Washington Parkway.				
<b>ALLEGANY COUNTY --- 1.1 N PINEY GROVE [39.72, -78.38]</b>				
	07/12/22 14:02 EST		0	Hail (1.25 in)
	07/12/22 14:02 EST		0	Source: Public
Half dollar size hail was reported near Bellegrove.				
<b>WASHINGTON COUNTY --- 1.9 E FOREST PARK [39.70, -78.26]</b>				
	07/12/22 14:10 EST		3K	Thunderstorm Wind (EG 50 kt)
	07/12/22 14:10 EST		0	Source: 911 Call Center
Trees and wires blew down in the 3400 block of Western Pike.				
<b>WASHINGTON COUNTY --- 1.2 NNW CLEAR SPG [39.67, -77.94]</b>				
	07/12/22 14:22 EST		2K	Thunderstorm Wind (EG 50 kt)
	07/12/22 14:22 EST		0	Source: Trained Spotter
Tree damage was reported near Clear Spring. A large tree blew down along Draper Road.				
<b>WASHINGTON COUNTY --- 0.8 NW BIG SPG [39.64, -77.96]</b>				
	07/12/22 14:23 EST		3K	Thunderstorm Wind (EG 50 kt)
	07/12/22 14:23 EST		0	Source: 911 Call Center
Trees and wires blew down in the 11000 block of Orebank Road.				
<b>WASHINGTON COUNTY --- 0.5 S DRY RUN [39.71, -77.88]</b>				

## Storm Data and Unusual Weather Phenomena - July 2022

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/12/22 14:26 EST		2K	Thunderstorm Wind (EG 50 kt)
	07/12/22 14:26 EST		0	Source: 911 Call Center
Trees blew down near the intersection of MD-57 Saint Paul Road and MD-494 Fairview Road.				
<hr/>				
<b>WASHINGTON COUNTY --- 0.8 SSW SPICKLER [39.66, -77.87]</b>				
	07/12/22 14:28 EST		3K	Thunderstorm Wind (EG 50 kt)
	07/12/22 14:28 EST		0	Source: 911 Call Center
Trees and wires blew down in the 14000 block of MD-144 National Pike.				
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<b>WASHINGTON COUNTY --- 0.8 SW MT LENA [39.56, -77.63]</b>				
	07/12/22 14:47 EST		4K	Thunderstorm Wind (EG 55 kt)
	07/12/22 14:47 EST		0	Source: Department of Highways
Trees blew down along US-40 National Pike near Mount Lena Road. Trees blew down on US-40 National Pike near Boonsboro Mountain Road.				
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<b>FREDERICK COUNTY --- 0.7 NE JIMTOWN [39.61, -77.39]</b>				
	07/12/22 14:55 EST		20K	Thunderstorm Wind (EG 60 kt)
	07/12/22 14:55 EST		0	Source: Department of Highways
Numerous trees and wires blew down near Thurmont, including near the intersection of Jimtown Road and Long Road.				
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<b>ALLEGANY COUNTY --- 53.2 E BELLE GROVE [39.70, -77.33]</b>				
	07/12/22 14:59 EST		0	Hail (1.25 in)
	07/12/22 14:59 EST		0	Source: Public
Half dollar size hail was reported in Emmitsburg.				
<hr/>				
<b>FREDERICK COUNTY --- 0.7 N NEW MIDWAY [39.58, -77.30]</b>				
	07/12/22 15:00 EST		0	Thunderstorm Wind (MG 52 kt)
	07/12/22 15:00 EST		0	Source: Mesonet
A wind gust of 52 knots (60 MPH) was measured by a mesonet north of Woodsboro.				
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<b>CARROLL COUNTY --- 0.9 W BRIDGEPORT [39.68, -77.24]</b>				
	07/12/22 15:07 EST		20K	Thunderstorm Wind (EG 60 kt)
	07/12/22 15:07 EST		0	Source: Department of Highways
Numerous trees and wires blew down in northwestern Carroll County, including along MD-140 Taneytown Pike near Bridgeport Road. A tree blew down between Bullfrog Road and Baptist Road.				
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<b>CARROLL COUNTY --- 1.2 NNE PLEASANT VLY [39.65, -77.04]</b>				
	07/12/22 15:15 EST		0.10M	Thunderstorm Wind (EG 65 kt)
	07/12/22 15:15 EST		0	Source: Fire Department/Rescue
Over a dozen trees were uprooted and 25 to 30 trees were snapped near the top. Most of the trees were 18 to 24 inches in diameter. There was a swath of tree damage nearly 150 feet wide, with trees falling in the same direction. Part of a metal roof blew off a residence in the 2100 block of MD-97 Littlestown Pike with multiple large tree limbs down nearby.				
<hr/>				
<b>CARROLL COUNTY --- 0.3 SSW AVONDALE [39.57, -77.03]</b>				
	07/12/22 15:19 EST		50K	Thunderstorm Wind (EG 70 kt)
	07/12/22 15:19 EST		0	Source: Trained Spotter
Numerous large trees and tree limbs snapped near Wagners Mill, including along Cobbs Choice Lane.				
<hr/>				
<b>CARROLL COUNTY --- 0.9 E SPRINGS MILL [39.55, -77.00]</b>				
	07/12/22 15:20 EST		4K	Thunderstorm Wind (EG 55 kt)
	07/12/22 15:20 EST		0	Source: Public
Multiple trees blew down in the 200 block of Morningstar Way.				

## Storm Data and Unusual Weather Phenomena - July 2022

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>CARROLL COUNTY --- 1.2 W MELROSE [39.68, -76.92]</b>				
	07/12/22 15:22 EST		0.25M	Thunderstorm Wind (EG 70 kt)
	07/12/22 15:22 EST		0	Source: Trained Spotter
Hundreds of trees, large tree limbs, and telephone poles snapped near Manchester.				
<b>CARROLL COUNTY --- 0.4 NE SHILOH [39.61, -76.88]</b>				
	07/12/22 15:25 EST		20K	Thunderstorm Wind (EG 60 kt)
	07/12/22 15:25 EST		0	Source: Trained Spotter
Numerous large trees and branches blew down in the 1200 block of Allview Drive.				
<b>CARROLL COUNTY --- 1.7 SSE HOUCKSVILLE [39.56, -76.87]</b>				
	07/12/22 15:28 EST		12K	Thunderstorm Wind (EG 60 kt)
	07/12/22 15:28 EST		0	Source: Fire Department/Rescue
Multiple trees blew down along Lees Mill Road near Aspen Run.				
<b>BALTIMORE COUNTY --- 0.8 ESE FOWBLESBURG [39.54, -76.84]</b>				
	07/12/22 15:30 EST		0.10M	Thunderstorm Wind (EG 70 kt)
	07/12/22 15:30 EST		0	Source: Broadcast Media
Roofing was partially blown off the roof of a bank and numerous trees and wires blew down in Upperco.				
<b>BALTIMORE COUNTY --- 1.3 S PARKTON [39.63, -76.67]</b>				
	07/12/22 15:36 EST		50K	Thunderstorm Wind (EG 65 kt)
	07/12/22 15:36 EST		0	Source: Department of Highways
Dozens of trees and wires blew down around Bentley Springs, including along I-83.				
<b>BALTIMORE COUNTY --- 0.4 SE PHOENIX [39.52, -76.62]</b>				
	07/12/22 15:45 EST		0.10M	Thunderstorm Wind (EG 70 kt)
	07/12/22 15:45 EST		0	Source: Emergency Manager
Numerous trees blew down around Cockeysville. Approximately 10 trees blew down along Phoenix Road. Numerous trees and power lines blew down along Paper Mill Road. Numerous trees were snapped and uprooted in the Monkton, Sparks, and Hereford areas nearby, including along Blenheim Road North.				
<b>BALTIMORE COUNTY --- 1.2 WNW PERRY HALL [39.43, -76.49]</b>				
	07/12/22 15:50 EST		5K	Thunderstorm Wind (EG 50 kt)
	07/12/22 15:50 EST		0	Source: Trained Spotter
Several large trees blew down in the 11000 block of MD-147 Harford Road.				
<b>HARFORD COUNTY --- 1.0 SSE FALLSTON ARPT [39.49, -76.41]</b>				
	07/12/22 15:50 EST		0.10M	Thunderstorm Wind (EG 65 kt)
	07/12/22 15:50 EST		0	Source: Department of Highways
Numerous trees and wires blew down near Pleasant Furnace, including along MD-147 Harford Road near Reckford Road.				
<b>HARFORD COUNTY --- 0.3 E FALLSTON [39.52, -76.41]</b>				
	07/12/22 15:52 EST		0.25M	Thunderstorm Wind (EG 70 kt)
	07/12/22 15:52 EST		0	Source: NWS Storm Survey
Numerous trees were uprooted and snapped near Fallston and Darlington, including near Carrs Mill Road, and along a five-mile stretch of Putnam Road near Fallston to just south of Darlington.				
<b>HARFORD COUNTY --- 1.8 NNE UPPER XRDS [39.57, -76.46]</b>				
	07/12/22 15:52 EST		0	Hail (1.00 in)
	07/12/22 15:52 EST		0	Source: NWS Storm Survey
Quarter size hail was reported near Jarrettsville and Fallston.				

## Storm Data and Unusual Weather Phenomena - July 2022

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>HARFORD COUNTY --- 0.9 ENE SINGER [39.48, -76.31]</b>				
	07/12/22 15:59 EST		20K	Thunderstorm Wind (EG 55 kt)
	07/12/22 15:59 EST		0	Source: Trained Spotter
Numerous trees blew down in the Abingdon area. A tree snapped at a residence on Merrick Way. A tree blew through the windshield of a vehicle near the intersection of MD-943 Emmorton Road and Holly Wreath Drive.				
<b>HARFORD COUNTY --- 1.0 S FOUNTAIN GREEN [39.54, -76.30]</b>				
	07/12/22 16:00 EST		3K	Thunderstorm Wind (EG 55 kt)
	07/12/22 16:00 EST		0	Source: Department of Highways
Trees and wires blew down along MD-543 South Fountain Green Road near Foxborough Drive.				
<b>CARROLL COUNTY --- 0.5 SSE LOUISVILLE [39.44, -76.93]</b>				
	07/12/22 16:05 EST		4K	Thunderstorm Wind (EG 50 kt)
	07/12/22 16:05 EST		0	Source: Trained Spotter
Several large trees and tree limbs blew down in the 4700 block of MD-32 Sykesville Road.				
<b>CARROLL COUNTY --- 0.7 SSW CEDARHURST [39.49, -76.88]</b>				
	07/12/22 16:05 EST		2K	Thunderstorm Wind (EG 50 kt)
	07/12/22 16:05 EST		0	Source: Department of Highways
Trees blew down on MD-140 Baltimore Boulevard just east of the intersection with Dede Road.				
<b>HARFORD COUNTY --- 0.6 SSW ABERDEEN [39.51, -76.17]</b>				
	07/12/22 16:07 EST		10K	Thunderstorm Wind (EG 55 kt)
	07/12/22 16:07 EST		0	Source: Broadcast Media
Trees blew down in Aberdeen, with at least one large tree falling on a shed and residence.				
<b>HARFORD COUNTY --- 0.8 S DUBLIN [39.64, -76.27]</b>				
	07/12/22 16:07 EST		20K	Thunderstorm Wind (EG 60 kt)
	07/12/22 16:07 EST		0	Source: Department of Highways
Numerous trees blew down in the Scarboro area, including along MD-136 Priestford Road near US-1 Conowingo Road.				
<b>HARFORD COUNTY --- 0.9 NE HAVRE DE GRACE [39.56, -76.09]</b>				
	07/12/22 16:12 EST		0	Thunderstorm Wind (MG 56 kt)
	07/12/22 16:12 EST		0	Source: Mesonet
A wind gust of 56 knots (64 MPH) was measured by a mesonet on the westbound span on the US-40 Hatem Bridge (MD067).				
<b>CECIL COUNTY --- 1.6 SE PORT DEPOSIT [39.58, -76.10]</b>				
	07/12/22 16:14 EST		0	Thunderstorm Wind (MG 50 kt)
	07/12/22 16:14 EST		0	Source: Mesonet
A wind gust of 50 knots (58 MPH) was measured by a mesonet on the I-95 Millard E. Tydings Memorial Bridge (MD024).				
<b>CECIL COUNTY --- 0.5 NNE AIKIN [39.58, -76.07]</b>				
	07/12/22 16:15 EST		50K	Thunderstorm Wind (EG 60 kt)
	07/12/22 16:15 EST		0	Source: Department of Highways
Dozens of trees blew down across central Cecil County, including around Perryville along MD-222 Perryville Road and Clayton Street.				
<b>HARFORD COUNTY --- 0.3 N PHILLIPS AAF ARPT [39.47, -76.17]</b>				
	07/12/22 16:15 EST		0	Thunderstorm Wind (MG 54 kt)
	07/12/22 16:15 EST		0	Source: AWOS
A wind gust of 54 knots (62 MPH) was measured by the AWOS at Aberdeen Proving Ground/Phillips Airfield (KAPG).				

## Storm Data and Unusual Weather Phenomena - July 2022

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>CECIL COUNTY --- 0.8 WNW NORTH EAST [39.60, -75.96]</b>				
	07/12/22 16:19 EST		50K	Thunderstorm Wind (EG 60 kt)
	07/12/22 16:19 EST		0	Source: Department of Highways
Dozens of trees blew down around North East, including along US-40 Pulaski Highway near Red Toad Road and Sycamore Drive.				
<b>HARFORD COUNTY --- 2.0 ENE ABERDEEN PROVING GRN [39.48, -76.08]</b>				
	07/12/22 16:20 EST		0	Thunderstorm Wind (MG 50 kt)
	07/12/22 16:20 EST		0	Source: Mesonet
A wind gust of 50 knots (58 MPH) was measured by a mesonet at Spesutie Island.				
<b>MONTGOMERY COUNTY --- 4.0 W SENECA [39.08, -77.40]</b>				
	07/12/22 16:23 EST		3K	Thunderstorm Wind (EG 50 kt)
	07/12/22 16:23 EST		0	Source: Trained Spotter
Trees blew down near Poolesville, including along Hunting Quarter Road east of Hughes Road.				
<b>CECIL COUNTY --- 0.8 WSW BACON HILL [39.60, -75.91]</b>				
	07/12/22 16:25 EST		0	Thunderstorm Wind (MG 51 kt)
	07/12/22 16:25 EST		0	Source: Mesonet
A wind gust of 51 knots (59 MPH) was measured by a mesonet at North East Landfill (DE052).				
<b>MONTGOMERY COUNTY --- 0.4 E BETHESDA [38.97, -77.11]</b>				
	07/12/22 16:47 EST		6K	Thunderstorm Wind (EG 50 kt)
	07/12/22 16:47 EST		0	Source: Emergency Manager
Several trees blew down near Potomac and Bethesda, including along MD-190 River Road near Springfield Drive.				
<b>MONTGOMERY COUNTY --- 1.0 SSW WHITE OAK [39.02, -77.01]</b>				
	07/12/22 16:55 EST		10K	Thunderstorm Wind (EG 55 kt)
	07/12/22 16:55 EST		0	Source: Department of Highways
Several trees blew down near Silver Spring, including along I-495 Capital Beltway near US-29 Colesville Road and MD-193 University Boulevard.				
<b>MONTGOMERY COUNTY --- 0.7 W OLNEY [39.15, -77.08]</b>				
	07/12/22 17:00 EST		1M	Thunderstorm Wind (EG 80 kt)
	07/12/22 17:00 EST		0	Source: NWS Storm Survey
Hundreds of trees snapped and uprooted around Olney, with dozens falling onto houses and cars.				
<b>PRINCE GEORGE'S COUNTY --- 0.4 SW BRANCHVILLE [39.00, -76.93]</b>				
	07/12/22 17:00 EST		1.50M	Thunderstorm Wind (EG 80 kt)
	07/12/22 17:10 EST		0	Source: NWS Storm Survey
Hundreds of trees snapped and uprooted in College Park and Berwyn Heights with dozens falling onto homes and crushing vehicles, especially near the University of Maryland where large falling trees caused a two story house to split in half. Greenbelt Park remained closed for several weeks due to fallen trees.				
<b>PRINCE GEORGE'S COUNTY --- 1.5 ESE GREENBELT [38.99, -76.85]</b>				
	07/12/22 17:10 EST		12K	Thunderstorm Wind (MG 56 kt)
	07/12/22 17:10 EST		0	Source: Mesonet
A wind gust of 56 knots (65 MPH) was measured by a mesonet at NASA Goddard. A large tree blew down nearby on Garden Way in Greenbelt. Large tree limbs blew down in the 7900 block of Mandan Road.				
<b>PRINCE GEORGE'S COUNTY --- 2.0 ENE COLLINGTON [38.99, -76.74]</b>				
	07/12/22 17:18 EST		10K	Thunderstorm Wind (EG 55 kt)
	07/12/22 17:18 EST		0	Source: Trained Spotter

## Storm Data and Unusual Weather Phenomena - July 2022

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Multiple trees blew down near the intersection of Majestic Lane and Milan Way . Two large trees blew down near the intersection of MD-197 Laurel Bowie Road and Old Chapel Road.				

<b>ANNE ARUNDEL COUNTY --- 0.2 NNE DAVIDSONVILLE [38.92, -76.63]</b>	07/12/22 17:22 EST		50K	Thunderstorm Wind (EG 60 kt)
	07/12/22 17:22 EST		0	Source: Emergency Manager

Numerous trees blew down around Davidsonville, including at least one onto a house.

<b>ANNE ARUNDEL COUNTY --- 1.3 SW CROFTON [38.99, -76.67]</b>	07/12/22 17:23 EST		20K	Thunderstorm Wind (EG 60 kt)
	07/12/22 17:23 EST		0	Source: Department of Highways

MD-424 Davidsonville Road was blocked by downed trees near Bell Branch Road. Trees also blew down nearby along US-50/US-301 John Hanson Highway and MD-450 Defense Highway.

<b>ANNE ARUNDEL COUNTY --- 0.5 SW DRURY [38.81, -76.71]</b>	07/12/22 17:24 EST		0.15M	Thunderstorm Wind (EG 65 kt)
	07/12/22 17:24 EST		0	Source: Emergency Manager

Numerous trees blew down onto vehicles and mobile home structures were damaged along Second Street.

<b>ANNE ARUNDEL COUNTY --- 0.3 SSE HARWOOD [38.87, -76.62]</b>	07/12/22 17:27 EST		6K	Thunderstorm Wind (EG 55 kt)
	07/12/22 17:27 EST		0	Source: Emergency Manager

Several trees blew down in Harwood.

<b>ANNE ARUNDEL COUNTY --- 0.9 N BRISTOL [38.79, -76.67]</b>	07/12/22 17:27 EST		1K	Thunderstorm Wind (EG 50 kt)
	07/12/22 17:27 EST		0	Source: Emergency Manager

Tree damage was reported north of Dunkirk, including in the 5000 block of MD-4 Southern Maryland Boulevard.

<b>ANNE ARUNDEL COUNTY --- 1.7 SSW CROFTON [38.98, -76.67]</b>	07/12/22 17:27 EST		10K	Thunderstorm Wind (EG 55 kt)
	07/12/22 17:27 EST		0	Source: Emergency Manager

Several trees and wires blew down in the 2000 block of MD-424 Davidsonville Road.

<b>ANNE ARUNDEL COUNTY --- 1.1 SSW RUTLAND [38.95, -76.64]</b>	07/12/22 17:30 EST		12K	Thunderstorm Wind (EG 55 kt)
	07/12/22 17:30 EST		0	Source: Emergency Manager

A large tree blew down onto a house in the 2000 block of Swann Way. Power lines blew down in the 2000 block of Rutland Road.

<b>ANNE ARUNDEL COUNTY --- 1.4 N LUSBY XRDS [39.00, -76.60]</b>	07/12/22 17:32 EST		10K	Thunderstorm Wind (EG 55 kt)
	07/12/22 17:32 EST		0	Source: Emergency Manager

A tree blew down onto the roof of a house in the 900 block of Bramleigh Lane.

<b>ANNE ARUNDEL COUNTY --- 1.1 SSE REVELL [39.05, -76.52]</b>	07/12/22 17:37 EST		1K	Thunderstorm Wind (EG 50 kt)
	07/12/22 17:37 EST		0	Source: Emergency Manager

Tree damage was reported near Belvedere Heights, including in the 900 block of Blue Fox Way.

<b>ANNE ARUNDEL COUNTY --- 0.6 SSE PAROLE [38.97, -76.52]</b>	07/12/22 17:39 EST		2K	Thunderstorm Wind (EG 50 kt)
	07/12/22 17:39 EST		0	Source: Emergency Manager

## Storm Data and Unusual Weather Phenomena - July 2022

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Tree damage was reported near Annapolis, including on MD-665 Aris T. Allen Boulevard/Forest Drive near Chinquapin Road.				
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<b>ANNE ARUNDEL COUNTY --- 0.2 NE HIGHLAND BEACH [38.93, -76.47]</b>	07/12/22 17:45 EST		6K	Thunderstorm Wind (EG 55 kt)
	07/12/22 17:45 EST		0	Source: Department of Highways
Several trees blew down around Highland Beach.				
<hr/>				
<b>CHARLES COUNTY --- 0.8 S ALLENS FRESH [38.41, -76.95]</b>	07/12/22 19:29 EST		2K	Thunderstorm Wind (EG 50 kt)
	07/12/22 19:29 EST		0	Source: Department of Highways
Trees blew down near the intersection of US-301 Crain Highway and MD-234 Budds Creek Road.				
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<b>CHARLES COUNTY --- 1.1 NNW POPES CREEK [38.41, -76.99]</b>	07/12/22 19:29 EST		3K	Thunderstorm Wind (EG 50 kt)
	07/12/22 19:29 EST		0	Source: 911 Call Center
A few trees blew down near Popes Creek Road.				
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<b>CHARLES COUNTY --- 1.0 NNE FAULKNER [38.44, -76.97]</b>	07/12/22 19:31 EST		10K	Thunderstorm Wind (EG 60 kt)
	07/12/22 19:31 EST		0	Source: Public
Eight trees uprooted and snapped along Brunswick Road.				
<hr/>				
<b>CHARLES COUNTY --- 2.1 N NEWPORT [38.45, -76.91]</b>	07/12/22 19:32 EST		1K	Thunderstorm Wind (EG 50 kt)
	07/12/22 19:32 EST		0	Source: 911 Call Center
Tree damage was reported near Dentsville, including along Stonestreet Road.				
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<b>CHARLES COUNTY --- 1.1 ESE WICOMICO [38.41, -76.86]</b>	07/12/22 19:36 EST		1K	Thunderstorm Wind (EG 50 kt)
	07/12/22 19:36 EST		0	Source: 911 Call Center
Tree damage was reported near Wicomico, including along MD-234 Budds Creek Road.				
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<b>ST. MARY'S COUNTY --- 0.5 SSW COLTON [38.22, -76.75]</b>	07/12/22 19:41 EST		2K	Thunderstorm Wind (EG 50 kt)
	07/12/22 19:41 EST		0	Source: Department of Highways
Trees blew down along Beach Road at Colton's Point.				
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<b>ST. MARY'S COUNTY --- 0.8 WSW HELEN [38.38, -76.73]</b>	07/12/22 19:44 EST		2K	Thunderstorm Wind (EG 50 kt)
	07/12/22 19:44 EST		0	Source: Department of Highways
Trees blew down near the intersection of MD-238 Chaptico Road and Doctor Johnson Road.				
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<b>ST. MARY'S COUNTY --- 0.6 NNE CLEMENTS [38.34, -76.72]</b>	07/12/22 19:47 EST		2K	Thunderstorm Wind (EG 50 kt)
	07/12/22 19:47 EST		0	Source: Department of Highways
Trees blew down near the intersection of MD-242 Colton Point Road and Bachelors Rest Lane.				
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<b>ST. MARY'S COUNTY --- 1.8 WNW SANDGATES [38.43, -76.65]</b>	07/12/22 19:58 EST		50K	Thunderstorm Wind (EG 60 kt)
	07/12/22 19:58 EST		0	Source: 911 Call Center
Numerous trees blew down in Mechanicsville. A tree fell onto a mobile home along Riverview Road.				



## Storm Data and Unusual Weather Phenomena - July 2022

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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An outbreak of significant severe weather occurred during the afternoon and evening hours of Tuesday, July 12th, 2022. An unseasonably strong cold front interacted with a high instability airmass to result in several bowing lines of thunderstorms, which maintained their organization and intensity due to strong atmospheric wind shear. Swaths of widespread damaging winds were observed, much of which was considerable. A couple of tornadoes were also confirmed, along with some significant hail. A wind gust of over 100 MPH was measured in one of the most powerful storms over eastern West Virginia.

**CHARLES COUNTY --- 0.4 SSW DONCASTER [38.50, -77.22]**

07/14/22 15:33 EST			3K	Thunderstorm Wind (EG 50 kt)
07/14/22 15:33 EST			0	Source: 911 Call Center

Large tree limbs blew down onto wires in the 2200 block of Sandy Point Road. A tree blew down onto wires near the intersection of MD-6 Port Tobacco Road and Navajo Place.

A couple of isolated severe thunderstorms produced localized wind damage from east-central Virginia into southern Maryland.

**BALTIMORE COUNTY --- 1.4 E CRONHARDT [39.43, -76.69]**

07/16/22 13:51 EST			4K	Thunderstorm Wind (EG 50 kt)
07/16/22 13:51 EST			0	Source: 911 Call Center

Several trees and wires blew down in the Pikesville area. Wires blew down in the 8200 block of Anita Road. A tree and wires blew down near the intersection of MD-25 Falls Road and Ivy Brook Farm Court. Wires blew down near the intersection of MD-25 Falls Road and Timothy Road.

**ANNE ARUNDEL COUNTY --- 1.4 ESE GAMBRILLS [39.07, -76.64]**

07/16/22 14:23 EST			4K	Thunderstorm Wind (EG 50 kt)
07/16/22 14:23 EST			0	Source: Department of Highways

Trees blew down on MD-32 Patuxent Freeway near MD-3 Crain Highway. Trees blew down on MD-3 Crain Highway near Riedel Road.

**ANNE ARUNDEL COUNTY --- 1.3 E CROWNSVILLE [39.03, -76.58]**

07/16/22 14:54 EST			20K	Thunderstorm Wind (EG 55 kt)
07/16/22 14:54 EST			0	Source: Trained Spotter

Trees blew down onto wires bringing down a pole on River Road in Herald Harbor. Trees blew down near the intersection of MD-178 Generals Highway and Honeysuckle Lane.

**ANNE ARUNDEL COUNTY --- 0.7 SE BIRDSVILLE [38.89, -76.56]**

07/16/22 16:05 EST			25K	Thunderstorm Wind (EG 60 kt)
07/16/22 16:05 EST			0	Source: 911 Call Center

Numerous trees blew down blocking roadways between Edgewater and Harwood. Fifteen trees blew down at a residence in Davidsonville.

**CHARLES COUNTY --- 1.3 SW DUBOIS [38.47, -76.85]**

07/16/22 16:38 EST			3K	Thunderstorm Wind (EG 50 kt)
07/16/22 16:38 EST			0	Source: 911 Call Center

Several trees and wires blew down around Denstville.

**ANNE ARUNDEL COUNTY --- 1.3 SSE DRURY [38.80, -76.69]**

07/16/22 17:35 EST			1K	Thunderstorm Wind (EG 40 kt)
07/16/22 17:35 EST			0	Source: Department of Highways

A tree was reported down on MD-4 Stephanie Roper Highway near Plummer Lane.

Several thunderstorms produced localized wind damage ahead of a weak cold front.

**BALTIMORE COUNTY --- 2.1 SE BARE HILLS [39.33, -76.65], 1.9 SSW BARE HILLS [39.32, -76.69], 2.0 E CATONSVILLE MANOR [39.30, -76.68], 3.3 NW SPARROWS PT [39.31, -76.62], 3.2 SSE STONELEIGH [39.33, -76.60], 2.1 S STONELEIGH [39.34, -76.62]**

07/16/22 15:40 EST			0	Flood (due to Heavy Rain)
07/16/22 17:40 EST			0	Source: 911 Call Center

Several instances of flooding were reported in northern and central Baltimore City.

## Storm Data and Unusual Weather Phenomena - July 2022

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>ANNE ARUNDEL COUNTY --- 0.3 E CONAWAYS [39.02, -76.69], 0.4 W CONAWAYS [39.02, -76.71], 0.6 SSW CONAWAYS [39.01, -76.70], 1.3 S CONAWAYS [39.00, -76.70], 1.4 WNW CROFTON [39.00, -76.67], 1.4 NW CROFTON [39.02, -76.67], 1.2 ENE CONAWAYS [39.02, -76.68]</b>				
	07/16/22 17:05 EST	0		Flash Flood (due to Heavy Rain)
	07/16/22 17:45 EST	0		Source: Broadcast Media
Several roads were blocked by high, swift water near Crofton. Several creeks were out of their banks flowing across roadways.				
<b>ANNE ARUNDEL COUNTY --- 0.9 SE CROFTON [38.99, -76.64], 1.2 SE CROFTON [38.99, -76.64], 1.2 SE CROFTON [38.99, -76.63], 0.8 SE CROFTON [38.99, -76.64]</b>				
	07/16/22 17:05 EST	0		Flash Flood (due to Heavy Rain)
	07/16/22 17:45 EST	0		Source: Broadcast Media
Defense Highway near Huntwood Drive was flooded due to high water.				
<b>ANNE ARUNDEL COUNTY --- 0.9 SSW CROWNSVILLE [39.02, -76.61], 1.0 W CROWNSVILLE [39.03, -76.62], 0.7 N CROWNSVILLE [39.04, -76.60], 0.9 SW HERALD HARBOR [39.04, -76.58], 1.2 E CROWNSVILLE [39.03, -76.58], 1.5 SE CROWNSVILLE [39.01, -76.58], 1.3 S CROWNSVILLE [39.01, -76.60]</b>				
	07/16/22 17:05 EST	0		Flash Flood (due to Heavy Rain)
	07/16/22 17:45 EST	0		Source: Broadcast Media
Several roads were blocked by high, swift water near Crownsville. Several creeks were out of their banks flowing across roadways.				
<b>PRINCE GEORGE'S COUNTY --- 0.5 WNW BERWYN [38.98, -76.94], 1.5 N BRANCHVILLE [39.02, -76.93], 1.1 SW BELTSVILLE [39.02, -76.92], 0.1 NNW BERWYN [38.98, -76.93]</b>				
	07/16/22 17:10 EST	0		Flood (due to Heavy Rain)
	07/16/22 19:10 EST	0		Source: Broadcast Media
High water blocked US-1 Baltimore Avenue near Regents Drive. One lane of the I-495 Capital Beltway was blocked by high water both ways between MD-295 Baltimore-Washington Parkway and MD-450 Annapolis Road.				
<b>ANNE ARUNDEL COUNTY --- 1.7 ENE DAVIDSONVILLE [38.93, -76.60], 1.7 ENE DAVIDSONVILLE [38.93, -76.60], 1.8 N SOUTH RIVER [38.93, -76.60], 1.8 SSW RIVA [38.93, -76.60]</b>				
	07/16/22 18:02 EST	0		Flood (due to Heavy Rain)
	07/16/22 20:02 EST	0		Source: Department of Highways
Flooding reported on MD-214 central Avenue near Brick Church/Beards Point Road.				
<b>ANNE ARUNDEL COUNTY --- 0.8 SW LONDONTOWNE [38.92, -76.56], 1.1 S LONDONTOWNE [38.91, -76.55], 0.9 S LONDONTOWNE [38.92, -76.55], 0.5 SW LONDONTOWNE [38.92, -76.56]</b>				
	07/16/22 18:03 EST	0		Flood (due to Heavy Rain)
	07/16/22 20:03 EST	0		Source: Department of Highways
Flooding was reported on MD-253 May Road and Shore Drive.				
<b>ANNE ARUNDEL COUNTY --- 1.5 SSW RIVA [38.93, -76.59], 1.3 SW RIVA [38.94, -76.59], 0.5 WSW RIVA [38.95, -76.59], 0.5 ESE ANNAPOLIS LEE FLD AR [38.95, -76.56], 0.6 S EDGEWATER [38.94, -76.55], 0.5 WNW LONDONTOWNE [38.93, -76.56], 1.2 W LONDONTOWNE [38.93, -76.57]</b>				
	07/16/22 19:30 EST	0		Flash Flood (due to Heavy Rain)
	07/16/22 20:30 EST	0		Source: Department of Highways
Several roads were blocked by high water in the Edgewater area. MD-214 Central Avenue was closed due to swift moving water. Beards Creek was out of its banks.				
<b>PRINCE GEORGE'S COUNTY --- 0.4 WNW GLEN DALE [38.98, -76.83], 0.3 NNW GLEN DALE [38.98, -76.82], 0.4 NNW GLEN DALE [38.99, -76.82], 0.5 NW GLEN DALE [38.99, -76.83]</b>				
	07/16/22 19:40 EST	0		Flood (due to Heavy Rain)
	07/16/22 21:40 EST	0		Source: 911 Call Center
High water was reported in the 10500 Block of MD-564 Lanham Severn Road near Folly Branch.				
<b>ANNE ARUNDEL COUNTY --- 1.6 SSW RIVA [38.93, -76.59], 1.7 SSW RIVA [38.93, -76.59], 1.7 SSW RIVA [38.93, -76.59], 1.6 SSW RIVA [38.93, -76.59]</b>				
	07/16/22 19:50 EST	0		Flash Flood (due to Heavy Rain)
	07/16/22 20:30 EST	0		Source: Broadcast Media

## Storm Data and Unusual Weather Phenomena - July 2022

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
A vehicle became stranded when attempting to drive into high water at Beards Creek on MD-214 Central Avenue.				
<b>PRINCE GEORGE'S COUNTY --- 0.3 SSW KENT VLG [38.92, -76.93], 0.3 SSW KENT VLG [38.92, -76.93], 0.1 WSW KENT VLG [38.92, -76.93], 0.2 ESE KENT VLG [38.92, -76.93]</b>				
	07/16/22 19:53 EST		0	Flood (due to Heavy Rain)
	07/16/22 21:53 EST		0	Source: Broadcast Media
Flooding was reported on US-50 John Hanson Highway at MD-201 Kenilworth Avenue.				
<b>PRINCE GEORGE'S COUNTY --- 0.6 NNE GLEN DALE [38.99, -76.82], 0.5 N GLEN DALE [38.99, -76.82], 0.6 N GLEN DALE [38.99, -76.82], 0.7 NNE GLEN DALE [38.99, -76.82]</b>				
	07/16/22 20:15 EST		0	Flood (due to Heavy Rain)
	07/16/22 22:15 EST		0	Source: Broadcast Media
Flooding blocked several lanes of MD-193 Greenbelt Road near MD-564 Lanham Severn Road.				
<b>An upper-level trough was overhead while a weak boundary was stalled nearby. Plenty of moisture around high pressure over the Atlantic led to the development of showers and thunderstorms. With slower storm motion, this led to instances of flooding and flash flooding.</b>				
<b>CHARLES COUNTY --- 1.7 E GRAYTON [38.42, -77.17]</b>				
	07/17/22 17:16 EST		1K	Thunderstorm Wind (EG 50 kt)
	07/17/22 17:16 EST		0	Source: 911 Call Center
Tree damage was reported southeast of Nanjemoy, including near the intersection of Tayloes Neck Road and MD-6 Port Tobacco Road.				
<b>A few thunderstorms produced localized wind damage along a stalling cold front.</b>				
<b>FREDERICK COUNTY --- 0.5 SSE BROAD RUN [39.39, -77.60]</b>				
	07/18/22 14:07 EST		2K	Thunderstorm Wind (EG 50 kt)
	07/18/22 14:07 EST		0	Source: Department of Highways
Trees blew down near the intersection of Broad Run Road and Picnic Woods Road.				
<b>FREDERICK COUNTY --- 0.5 WNW JEFFERSON [39.37, -77.54]</b>				
	07/18/22 14:10 EST		2K	Thunderstorm Wind (EG 50 kt)
	07/18/22 14:10 EST		0	Source: 911 Call Center
Tree damage was reported near Jefferson, including a tree that blew down onto wires near the intersection of Old Middletown Road and Cool Crest Drive.				
<b>FREDERICK COUNTY --- 2.0 SSE HARMONY [39.47, -77.52]</b>				
	07/18/22 14:14 EST		2K	Thunderstorm Wind (EG 50 kt)
	07/18/22 14:14 EST		0	Source: Department of Highways
Trees blew down on US-40 Baltimore National Pike near Hawbottom Road.				
<b>FREDERICK COUNTY --- 0.9 NNE DOUBS [39.31, -77.51]</b>				
	07/18/22 14:15 EST		4K	Thunderstorm Wind (EG 55 kt)
	07/18/22 14:15 EST		0	Source: Department of Highways
Trees blew down near the intersection of US-15 and Basford Road. Trees blew down on eastbound I-70 Dwight D. Eisenhower Highway at Exit 48/US-40 Baltimore National Pike.				
<b>FREDERICK COUNTY --- 1.1 SW FREDERICK [39.41, -77.44]</b>				
	07/18/22 14:20 EST		20K	Thunderstorm Wind (EG 60 kt)
	07/18/22 14:20 EST		0	Source: 911 Call Center
Tree damage was reported near Braddock Heights and in Frederick. A tree blew down near the intersection of Old Camp Road and Key Parkway. Trees blew down on northbound US-15 Frederick Freeway prior to US-40 West Patrick Street. Trees and wires blew down near the intersection of Wilson Place and West Seventh Street. Trees and wires blew down in the 300 block of US-40 West Patrick Street. Trees and wires blew down on Highland Street at Carroll Street. Trees and wires blew down near the intersection of US-40 Baltimore National Pike/West Patrick Street and Willowdale Drive. A tree blew down in the 600 block of Wilson Place. A tree blew down in the 300 block of North Market Street. A tree blew down in the 100 block of Baughmans Lane.				

## Storm Data and Unusual Weather Phenomena - July 2022

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>FREDERICK COUNTY --- 1.3 SSW MT PLEASANT [39.43, -77.34]</b>				
	07/18/22 14:25 EST		3K	Thunderstorm Wind (EG 50 kt)
	07/18/22 14:25 EST		0	Source: Fire Department/Rescue
Trees and wires blew down in the 7200 block of Linganore Road.				
<b>FREDERICK COUNTY --- 0.7 ENE MT PLEASANT [39.45, -77.32]</b>				
	07/18/22 14:30 EST		20K	Thunderstorm Wind (EG 60 kt)
	07/18/22 14:30 EST		0	Source: Fire Department/Rescue
Trees and wires blew down near the intersection of MD-26 Liberty Road and Old Liberty Road. Numerous trees blew down near the intersection of MD-26 Liberty Road and MD-75 Green Valley Road. Trees and wires blew down in the 8600 block of Chestnut Grove Road.				
<b>FREDERICK COUNTY --- 2.4 E URBANA [39.33, -77.30]</b>				
	07/18/22 14:30 EST		3K	Thunderstorm Wind (EG 50 kt)
	07/18/22 14:30 EST		0	Source: Fire Department/Rescue
Trees and wires blew down near the intersection of Prices Distillery Road and Cook Brothers Road.				
<b>FREDERICK COUNTY --- 0.4 ENE BARTHOLOW [39.37, -77.22]</b>				
	07/18/22 14:36 EST		20K	Thunderstorm Wind (EG 60 kt)
	07/18/22 14:36 EST		0	Source: Department of Highways
Trees blew down along I-70 Baltimore National Pike near Mile Marker 65.0. A tree blew down in the 8500 block of Dollyhyde Road. Numerous trees and wires blew down near the intersection of MD-75 Walnut Street and Jones Road, and near MD-26 Liberty Road.				
<b>FREDERICK COUNTY --- 0.8 S RIDGEVILLE [39.36, -77.17]</b>				
	07/18/22 14:45 EST		2K	Thunderstorm Wind (EG 50 kt)
	07/18/22 14:45 EST		0	Source: Department of Highways
Trees blew down on westbound I-70 Baltimore National Pike between Mile Marker 68.0 and Exit 62/MD-75 Green Valley Road.				
<b>CARROLL COUNTY --- 0.6 NNW WATERSVILLE [39.38, -77.10]</b>				
	07/18/22 14:50 EST		4K	Thunderstorm Wind (EG 55 kt)
	07/18/22 14:50 EST		0	Source: Trained Spotter
Large tree limbs blew down, a gutter was blown off, and fencing blew down at a residence in the 7200 block of Honeybush Drive. A tree blew down in the 7400 block of Watersville Road.				
<b>CARROLL COUNTY --- 1.5 N WINFIELD [39.47, -77.05]</b>				
	07/18/22 14:55 EST		2K	Thunderstorm Wind (EG 50 kt)
	07/18/22 14:55 EST		0	Source: Emergency Manager
Tree damage was reported near Winfield, including a tree that blew down onto wires in the 3700 block of Baker Road.				
<b>CARROLL COUNTY --- 1.1 NE BERRETT [39.43, -77.01]</b>				
	07/18/22 15:00 EST		3K	Thunderstorm Wind (EG 55 kt)
	07/18/22 15:00 EST		0	Source: 911 Call Center
Trees blew down near the intersection of MD-97 Washington Road and MD-26 Liberty Road. A tree blew down in the 200 block of West Old Liberty Road.				
<b>CARROLL COUNTY --- 1.1 SSW GAMBER [39.45, -76.96]</b>				
	07/18/22 15:05 EST		1K	Thunderstorm Wind (EG 50 kt)
	07/18/22 15:05 EST		0	Source: Emergency Manager
Tree damage was reported near Gamber, including a tree that blew down in the 4200 block of London Bridge Road.				
<b>CARROLL COUNTY --- 0.5 S SPRINGS MILL [39.54, -77.02]</b>				
	07/18/22 15:08 EST		0	Funnel Cloud
	07/18/22 15:08 EST		0	Source: Trained Spotter
A funnel cloud was spotted along MD-27 Ridge Road near Chapel Road.				

## Storm Data and Unusual Weather Phenomena - July 2022

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>CARROLL COUNTY --- 0.4 W BRUMMEL [39.60, -76.94]</b>				
	07/18/22 15:15 EST		5K	Thunderstorm Wind (EG 55 kt)
	07/18/22 15:15 EST		0	Source: Emergency Manager
Several trees and wires blew down near the intersection of MD-482 Hampstead Mexico Road near Leisters Church Road.				
<b>MONTGOMERY COUNTY --- 0.2 SSW POTOMAC [39.02, -77.22]</b>				
	07/18/22 15:17 EST		4K	Thunderstorm Wind (EG 50 kt)
	07/18/22 15:17 EST		0	Source: Fire Department/Rescue
Large trees and wires blew down near the intersection of The Corral Drive and Burbank Drive.				
<b>BALTIMORE COUNTY --- 0.8 NNE GREEN SPG JCT [39.41, -76.76]</b>				
	07/18/22 15:18 EST		2K	Thunderstorm Wind (EG 50 kt)
	07/18/22 15:18 EST		0	Source: Emergency Manager
Tree damage was reported near McDonogh, including a tree that blew down onto power lines in the 300 block of Garrison Forest Road.				
<b>CARROLL COUNTY --- 0.5 E SHILOH [39.60, -76.87]</b>				
	07/18/22 15:20 EST		3K	Thunderstorm Wind (EG 50 kt)
	07/18/22 15:20 EST		0	Source: 911 Call Center
Trees and wires blew down near the intersection of Shiloh Road and Wellesley Court.				
<b>CARROLL COUNTY --- 0.5 S MANCHESTER [39.66, -76.88]</b>				
	07/18/22 15:25 EST		3K	Thunderstorm Wind (EG 50 kt)
	07/18/22 15:25 EST		0	Source: 911 Call Center
Trees and wires blew down near the intersection of Oak Street and Maple Avenue.				
<b>CARROLL COUNTY --- 1.1 NW HAMPSTEAD [39.61, -76.86]</b>				
	07/18/22 15:25 EST		0	Funnel Cloud
	07/18/22 15:25 EST		0	Source: Public
A funnel cloud was reported near the intersection of MD-30 Hampstead Bypass and MD-482 Hampstead Mexico Road.				
<b>BALTIMORE COUNTY --- 0.7 WSW HUNT VLY [39.50, -76.66]</b>				
	07/18/22 15:30 EST		4K	Thunderstorm Wind (EG 55 kt)
	07/18/22 15:30 EST		0	Source: Trained Spotter
A large tree two feet in diameter and numerous large tree limbs blew down near the intersection of International Circle and International Drive.				
<b>BALTIMORE COUNTY --- 1.0 WSW PHOENIX [39.52, -76.64]</b>				
	07/18/22 15:32 EST		10K	Thunderstorm Wind (EG 55 kt)
	07/18/22 15:32 EST		0	Source: Broadcast Media
Trees blew down north of Cockeysville, including one onto three cars on Dove Creek Way.				
<b>MONTGOMERY COUNTY --- 1.2 ENE WOODHAVEN [39.00, -77.11]</b>				
	07/18/22 15:35 EST		1.50K	Thunderstorm Wind (EG 40 kt)
	07/18/22 15:35 EST		0	Source: Fire Department/Rescue
A branch was reported down on a commerical building in the 5500 block of Nicholson Lane. A tree was reported down on Clara Barton Parkway near Cabin John Parkway.				
<b>BALTIMORE COUNTY --- 0.5 E PARKVILLE [39.38, -76.54]</b>				
	07/18/22 15:45 EST		3K	Thunderstorm Wind (EG 50 kt)
	07/18/22 15:45 EST		0	Source: Emergency Manager
Tree damage was reported near Parkville, including a tree that blew down onto wires near the intersection of Opal Road and Garnet Road.				

## Storm Data and Unusual Weather Phenomena - July 2022

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>HARFORD COUNTY --- 0.2 SE SINGER [39.48, -76.33]</b>				
	07/18/22 15:57 EST		1K	Thunderstorm Wind (EG 50 kt)
	07/18/22 15:57 EST		0	Source: 911 Call Center
Tree damage was reported northwest of Abingdon, including a tree that blew down near the intersection of South Tollgate Road and Singer Road.				
<b>HARFORD COUNTY --- 1.0 NNW JERUSALEM [39.46, -76.39]</b>				
	07/18/22 15:59 EST		1K	Thunderstorm Wind (EG 50 kt)
	07/18/22 15:59 EST		0	Source: 911 Call Center
Tree damage was reported southeast of Pleasant Furnace, including a tree that blew down on Jerusalem Road near Valley Brook Drive.				
<b>HARFORD COUNTY --- 0.3 SSW CALVARY [39.53, -76.25]</b>				
	07/18/22 16:02 EST		2K	Thunderstorm Wind (EG 50 kt)
	07/18/22 16:02 EST		0	Source: 911 Call Center
Tree damage was reported northeast of Harford, including a tree that blew down onto wires near the intersection of James Run Road and Tower Road.				
<b>HARFORD COUNTY --- 1.1 W DUBLIN [39.65, -76.29]</b>				
	07/18/22 16:03 EST		1K	Thunderstorm Wind (EG 50 kt)
	07/18/22 16:03 EST		0	Source: 911 Call Center
Tree damage was reported in Scarboro, including a tree that blew down near the intersection of Mill Green Road and Scarboro Road.				
<b>HARFORD COUNTY --- 0.6 SE ABERDEEN [39.51, -76.16]</b>				
	07/18/22 16:21 EST		1K	Thunderstorm Wind (EG 50 kt)
	07/18/22 16:21 EST		0	Source: 911 Call Center
Tree damage was reported near Aberdeen, including a tree that blew down on North Parke Street near North Rogers Street.				
<b>Several bands of thunderstorms containing damaging winds developed along a cold front.</b>				
<b>CALVERT COUNTY --- 2.2 WNW COX [38.62, -76.67]</b>				
	07/21/22 14:14 EST		4K	Thunderstorm Wind (EG 50 kt)
	07/21/22 14:14 EST		0	Source: 911 Call Center
Several trees and wires blew down near Huntingtown.				
<b>CALVERT COUNTY --- 0.7 NNW PARRAN [38.61, -76.57]</b>				
	07/21/22 14:25 EST		10K	Lightning
	07/21/22 14:25 EST		0	Source: 911 Call Center
A lightning strike caused a barn fire in the 3300 block of Old Evans Road.				
<b>CALVERT COUNTY --- 0.7 NNW PARRAN [38.61, -76.57]</b>				
	07/21/22 14:33 EST		10K	Thunderstorm Wind (EG 50 kt)
	07/21/22 14:33 EST		0	Source: 911 Call Center
Several trees and wires blew down near Huntingtown, including one onto a house.				
<b>A couple of thunderstorms produced sporadic instances of wind damage when a surface trough interacted with the bay breeze.</b>				
<b>GARRETT COUNTY --- 1.1 SW BITTINGER [39.59, -79.24]</b>				
	07/23/22 15:39 EST		1K	Thunderstorm Wind (EG 50 kt)
	07/23/22 15:39 EST		0	Source: 911 Call Center
Tree damage was reported southeast of Accident, including a tree that blew down in the 8600 block of Rock Lodge Road.				
<b>GARRETT COUNTY --- 1.1 E OAKLAND [39.42, -79.40]</b>				
	07/23/22 15:49 EST		2K	Thunderstorm Wind (EG 50 kt)
	07/23/22 15:49 EST		0	Source: 911 Call Center

## Storm Data and Unusual Weather Phenomena - July 2022

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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Tree damage was reported near Oakland, including a tree that blew down onto power lines in the 1800 block of US-219 Garrett Highway/North Third Street.

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**ALLEGANY COUNTY --- 0.5 NE ALLEGANY [39.67, -78.89]**

	07/23/22 15:50 EST		1K	Thunderstorm Wind (EG 50 kt)
	07/23/22 15:50 EST		0	Source: Fire Department/Rescue

Tree damage was reported in Mount Savage. A tree blew down near the intersection of MD-638 Parkersburg Road Northwest and Broadwater Road.

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**ALLEGANY COUNTY --- 0.7 N FROSTBURG [39.66, -78.93]**

	07/23/22 15:50 EST		10K	Thunderstorm Wind (EG 50 kt)
	07/23/22 15:50 EST		0	Source: Fire Department/Rescue

Tree damage was reported in Frostburg. A tree blew down onto wires bringing down a pole on First Street.

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**ALLEGANY COUNTY --- 0.5 NNW KEIFER [39.54, -78.47]**

	07/23/22 16:30 EST		6K	Thunderstorm Wind (EG 50 kt)
	07/23/22 16:30 EST		0	Source: Fire Department/Rescue

Tree damage was reported in central Allegany County, especially near Oldtown. Trees blew down in the 27200 block of MD-51 Oldtown Road. Trees were also reported down near Country Club Road, MD-144 Baltimore Pike, and Niners Lane.

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**WASHINGTON COUNTY --- 0.2 WSW HANCOCK [39.70, -78.18]**

	07/23/22 17:12 EST		20K	Thunderstorm Wind (EG 55 kt)
	07/23/22 17:12 EST		0	Source: 911 Call Center

Numerous trees, tree limbs, and power lines blew down in Hancock. MD-144 West/East Main Street was closed due to downed trees, tree limbs, and power lines.

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**WASHINGTON COUNTY --- 2.5 SW HOOD [39.69, -78.13]**

	07/23/22 17:16 EST		2K	Thunderstorm Wind (EG 50 kt)
	07/23/22 17:16 EST		0	Source: Department of Highways

Trees blew down along I-70/US-40 Dwight D. Eisenhower Highway near MD-615 Millstone Road.

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**WASHINGTON COUNTY --- 0.9 S BIG SPG [39.62, -77.95]**

	07/23/22 17:36 EST		10K	Thunderstorm Wind (EG 55 kt)
	07/23/22 17:36 EST		0	Source: 911 Call Center

Numerous trees blew down along Four Locks Road.

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**WASHINGTON COUNTY --- 1.1 NW SPICKLER [39.68, -77.89]**

	07/23/22 17:37 EST		10K	Thunderstorm Wind (EG 55 kt)
	07/23/22 17:37 EST		0	Source: 911 Call Center

Numerous trees blew down in the area of MD-57 Saint Paul Road northwest of Conococheague.

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**WASHINGTON COUNTY --- 1.0 SSE HAGERSTOWN [39.64, -77.71]**

	07/23/22 17:52 EST		10K	Thunderstorm Wind (EG 50 kt)
	07/23/22 17:53 EST		0	Source: Trained Spotter

Tree damage was reported in Hagerstown, including a tree that blew down onto westbound US-40 National Pike near North/ South Cleveland Avenue. A tree and numerous large tree limbs blew down near Pangborn Park. Wires were reported down in the 900 block of Linwood Road. Tree damage was reported in the 400 block of McDowell Avenue.

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**WASHINGTON COUNTY --- 0.8 E LINCOLN AVENUE [39.62, -77.76]**

	07/23/22 17:53 EST		10K	Thunderstorm Wind (EG 55 kt)
	07/23/22 17:53 EST		0	Source: 911 Call Center

Numerous trees blew down near the intersection of Halfway Boulevard and US-11 Virginia Avenue.

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**WASHINGTON COUNTY --- 0.4 WSW BEAVER CREEK [39.58, -77.66]**

## Storm Data and Unusual Weather Phenomena - July 2022

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/23/22 17:54 EST		4K	Thunderstorm Wind (EG 50 kt)
	07/23/22 17:54 EST		0	Source: Department of Highways

Trees blew down along US-40 near Cool Hollow Road. Trees blew down along MD-68 Lappans Road near Reichard Road.

### FREDERICK COUNTY --- 0.3 SE KNOXVILLE [39.33, -77.67]

	07/23/22 17:55 EST		2K	Thunderstorm Wind (EG 50 kt)
	07/23/22 17:55 EST		0	Source: Department of Highways

Trees blew down near the intersection of MD-180 Jefferson Pike and Cemetery Circle.

### FREDERICK COUNTY --- 0.6 NNW CATOCTIN [39.33, -77.55]

	07/23/22 18:00 EST		2K	Thunderstorm Wind (EG 50 kt)
	07/23/22 18:00 EST		0	Source: Department of Highways

Trees blew down along MD-464 Point of Rocks Road near Lander Road and US-15.

### FREDERICK COUNTY --- 1.3 SE MYERSVILLE [39.49, -77.55]

	07/23/22 18:05 EST		2K	Thunderstorm Wind (EG 50 kt)
	07/23/22 18:05 EST		0	Source: Department of Highways

Trees blew down on eastbound I-70 Dwight D. Eisenhower Highway at Mile Marker 41.0.

### FREDERICK COUNTY --- 0.9 SSE LANTZ [39.66, -77.44]

	07/23/22 18:10 EST		5K	Thunderstorm Wind (EG 50 kt)
	07/23/22 18:10 EST		0	Source: Department of Highways

Trees and wires blew down along MD-550 Sabillasville Road/Jimtown Road near Eylers Valley Flint Road and Long Road. Trees blew down on southbound US-15 Catoctin Mountain Highway at Mile Marker 38.0.

### FREDERICK COUNTY --- 1.0 SE BRADDOCK HGTS [39.42, -77.48]

	07/23/22 18:10 EST		1K	Thunderstorm Wind (EG 45 kt)
	07/23/22 18:10 EST		0	Source: Department of Highways

A tree was reported down on westbound I-70 Dwight D. Eisenhower highway at Mile Marker 49.0.

### FREDERICK COUNTY --- 0.6 SW REELS MILL [39.36, -77.39]

	07/23/22 18:15 EST		2K	Thunderstorm Wind (EG 45 kt)
	07/23/22 18:15 EST		0	Source: Department of Highways

A tree was reported down on MD-355 Urbana Pike at Ball Road. A tree was reported down on southbound I-270 Washington National Pike/Dwight D. Eisenhower Highway at Park Mills Road.

### BALTIMORE COUNTY --- 28.2 ENE SAMS CREEK [39.72, -76.65]

	07/23/22 18:50 EST		1K	Thunderstorm Wind (EG 40 kt)
	07/23/22 18:50 EST		0	Source: Department of Highways

A tree was reported down on southbound I-83 at Exit 37/Freeland Road.

**A cold front sparked showers and thunderstorms, some of which became severe resulting in scattered instances of wind damage.**

### MONTGOMERY COUNTY --- 0.4 NNE FRIENDSHIP HGTS [38.97, -77.08]

	07/25/22 14:43 EST		3K	Thunderstorm Wind (EG 50 kt)
	07/25/22 14:43 EST		0	Source: Department of Highways

Tree damage was reported in Bethesda, including along MD-185 Connecticut Avenue between Primrose Street and MD-191 Bradley Lane.

### CHARLES COUNTY --- 0.8 NNW NEWBURG [38.39, -76.95]

	07/25/22 16:16 EST		3K	Thunderstorm Wind (EG 50 kt)
	07/25/22 16:16 EST		0	Source: 911 Call Center

A few trees blew down along US-301 Crain Highway between MD-234 Budds Creek Road and MD-257 Rock Point Road/Edge Hill Road.



## Storm Data and Unusual Weather Phenomena - July 2022

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>CALVERT COUNTY --- 1.0 W DOWELL [38.33, -76.47]</b>				
	07/25/22 16:29 EST		0	Thunderstorm Wind (MG 52 kt)
	07/25/22 16:29 EST		0	Source: Mesonet
A wind gust of 52 knots (60 MPH) was measured by a mesonet on the MD-4 Thomas Johnson Bridge (MD147).				
<b>ST. MARY'S COUNTY --- 0.7 NE CALIFORNIA [38.31, -76.49]</b>				
	07/25/22 17:10 EST		3K	Thunderstorm Wind (EG 50 kt)
	07/25/22 17:10 EST		0	Source: 911 Call Center
Tree damage was reported in California. Three trees blew down along Town Creek Drive.				
<b>ST. MARY'S COUNTY --- 0.7 SSE LEXINGTON PARK [38.26, -76.45]</b>				
	07/25/22 17:12 EST		10K	Thunderstorm Wind (EG 55 kt)
	07/25/22 17:12 EST		0	Source: Fire Department/Rescue
Numerous trees blew down around Lexington Park.				
<b>ST. MARY'S COUNTY --- 1.5 NNE GREAT MILLS [38.25, -76.49]</b>				
	07/25/22 17:15 EST		10K	Thunderstorm Wind (EG 55 kt)
	07/25/22 17:15 EST		0	Source: Fire Department/Rescue
Numerous trees blew down in the Great Mills and Callaway area.				
<b>ST. MARY'S COUNTY --- 0.7 NNW ST MARYS CITY [38.19, -76.43]</b>				
	07/25/22 17:25 EST		1K	Thunderstorm Wind (MG 52 kt)
	07/25/22 17:25 EST		0	Source: Mesonet
A wind gust of 52 knots (60 MPH) was measured by a mesonet on Trinity Church Road. A tree blew down nearby on Heritage Hill Lane.				
<b>A weak cold front sparked scattered to numerous showers and thunderstorms that resulted in several instances of damaging wind gusts. One storm in particular contained considerable hail and destructive winds just east of the City of Charlottesville.</b>				
<b>ST. MARY'S COUNTY --- 1.4 NNE GREAT MILLS [38.25, -76.49], 1.5 NNE GREAT MILLS [38.25, -76.49], 1.6 NNE GREAT MILLS [38.25, -76.49], 1.6 NNE GREAT MILLS [38.25, -76.49]</b>				
	07/25/22 17:30 EST		0	Flash Flood (due to Heavy Rain)
	07/25/22 19:30 EST		0	Source: Trained Spotter
About a foot of water was flowing across the roadway in several locations near the intersection of MD-246 Great Mills Road and MD-237 Chancellors Run Road.				
<b>ST. MARY'S COUNTY --- 0.8 NNW LNRDTWN ST MARYS ARP [38.33, -76.56], 1.0 NW LNRDTWN ST MARYS ARP [38.33, -76.56], 0.9 NW LNRDTWN ST MARYS ARP [38.33, -76.56], 0.8 NNW LNRDTWN ST MARYS ARP [38.33, -76.56]</b>				
	07/25/22 18:10 EST		0	Flash Flood (due to Heavy Rain)
	07/25/22 19:45 EST		0	Source: 911 Call Center
Sandy Bottom Road was closed at Hickory Road due to high water.				
<b>ST. MARY'S COUNTY --- 1.4 SSE LNRDTWN ST MARYS ARP [38.30, -76.54], 1.5 SSE LNRDTWN ST MARYS ARP [38.30, -76.54], 1.4 SSE LNRDTWN ST MARYS ARP [38.30, -76.54], 1.4 SSE LNRDTWN ST MARYS ARP [38.30, -76.54]</b>				
	07/25/22 18:12 EST		0	Flash Flood (due to Heavy Rain)
	07/25/22 19:45 EST		0	Source: 911 Call Center
Wildewood Parkway was closed near Redwood Lane due to high water.				
<b>ST. MARY'S COUNTY --- 0.5 N GREAT MILLS [38.24, -76.50], 0.2 E GREAT MILLS [38.23, -76.50], 0.4 ENE GREAT MILLS [38.23, -76.49], 0.5 NNE GREAT MILLS [38.24, -76.50]</b>				
	07/25/22 19:00 EST		0	Flash Flood (due to Heavy Rain)
	07/25/22 19:45 EST		0	Source: 911 Call Center

The water level rose rapidly above flood stage of 6 feet along the St Mary's River at Great Mills. The water level eventually crested at 7.03 feet at 9:30 PM EST before falling below flood stage at 2:15 AM EST. Flat Iron Road was flooded with water around Great Mills.

## Storm Data and Unusual Weather Phenomena - July 2022

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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A cold front moved into the area, causing showers and thunderstorms. Some thunderstorms trained over the same area over southern Maryland, leading to instances of flooding and flash flooding.

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**PRINCE GEORGE'S COUNTY --- 2.1 NNE ADELPHI [39.03, -76.95]**

	07/28/22 19:00 EST		1K	Thunderstorm Wind (EG 45 kt)
	07/28/22 19:00 EST		0	Source: Broadcast Media

A tree was reported down on the ramp from southbound I-95 to westbound I-495 Capital Beltway Outer Loop.

A couple isolated thunderstorms produced minor wind damage.

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### VIRGINIA, North

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**FREDERICK COUNTY --- 0.8 SSW CROSS JCT [39.31, -78.31]**

	07/01/22 11:08 EST		2K	Thunderstorm Wind (EG 50 kt)
	07/01/22 11:08 EST		0	Source: 911 Call Center

Tree damage was reported near Cross Junction, including on Lakeview Drive near Lake Holiday.

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**ROCKINGHAM COUNTY --- 1.9 S RAWLEY SPGS [38.45, -79.13]**

	07/01/22 13:42 EST		4K	Thunderstorm Wind (EG 50 kt)
	07/01/22 13:42 EST		0	Source: 911 Call Center

Trees blew down between Rawley Springs and Briery Branch. Trees blew down in the 10000 block of VA-702 Waggy's Creek Road.

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**ROCKINGHAM COUNTY --- 2.3 W BRIERY BRANCH [38.43, -79.12]**

	07/01/22 13:45 EST		0	Hail (1.00 in)
	07/01/22 13:45 EST		0	Source: Public

Quarter size hail was reported near Sangerville.

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**WINCHESTER (C) COUNTY --- 3.4 NNE WINCHESTER [39.18, -78.16]**

	07/01/22 14:44 EST		5K	Thunderstorm Wind (EG 50 kt)
	07/01/22 14:44 EST		0	Source: 911 Call Center

Multiple large trees limbs, trees and wires blew down on the east side of the City of Winchester.

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**WARREN COUNTY --- 0.2 WNW BOYDS XRDS [38.83, -78.23]**

	07/01/22 15:54 EST		1K	Thunderstorm Wind (EG 40 kt)
	07/01/22 15:54 EST		0	Source: 911 Call Center

A tree was reported down in the 1500 block of VA-649 Browntown Road.

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**PRINCE WILLIAM COUNTY --- 0.5 NNW WOOLSEY [38.88, -77.63]**

	07/01/22 16:19 EST		2K	Thunderstorm Wind (EG 50 kt)
	07/01/22 16:19 EST		0	Source: Department of Highways

Trees blew down near the intersection of US-15 James Madison Highway and VA-686 Ingram Drive.

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**LOUDOUN COUNTY --- 1.1 S BELMONT [39.03, -77.50]**

	07/01/22 16:55 EST		1K	Thunderstorm Wind (EG 50 kt)
	07/01/22 16:55 EST		0	Source: NWS Employee

Several large tree limbs blew down near the intersection of VA-625 Ashburn Farm Parkway and Crossroads Drive/Windmill Drive.

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**HIGHLAND COUNTY --- 0.7 SE MONTEREY HANNAH ARPT [38.39, -79.59]**

	07/01/22 18:20 EST		5K	Thunderstorm Wind (EG 55 kt)
	07/01/22 18:20 EST		0	Source: Public

A few trees blew down and a swing set was overturned in a neighborhood near Monterey.

## Storm Data and Unusual Weather Phenomena - July 2022

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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Several pulse to loosely organized multicell thunderstorms produced localized wind damage.

**ROCKINGHAM COUNTY --- 2.8 S RAWLEY SPGS [38.44, -79.13], 2.8 WNW BRIERY BRANCH [38.44, -79.13], 2.6 WNW BRIERY BRANCH [38.44, -79.13], 2.6 WNW BRIERY BRANCH [38.44, -79.13]**

07/01/22 14:37 EST	0	Flash Flood (due to Heavy Rain)
07/01/22 15:20 EST	0	Source: Public

Water was flowing across Briery Branch Road due to Briery Branch flowing out of its banks . The road was impassible due to high water flowing across the road.

**Scattered thunderstorms developed over northern and central Virginia. A few storms trained over the same area, leading to an isolated instance of flash flooding.**

**NELSON COUNTY --- 1.0 SW ALLENS CREEK [37.56, -78.89]**

07/02/22 13:29 EST	1K	Thunderstorm Wind (EG 50 kt)
07/02/22 13:29 EST	0	Source: 911 Call Center

Tree damage was reported near Gladstone, including in the 1400 block of Piedmont Road.

**ALBEMARLE COUNTY --- 1.3 ENE BATESVILLE [38.00, -78.71]**

07/02/22 14:07 EST	2K	Thunderstorm Wind (EG 50 kt)
07/02/22 14:07 EST	0	Source: 911 Call Center

Two trees blew down near the intersection of VA-635 Miller School Road and Samuel Miller Loop.

**FAIRFAX COUNTY --- 0.5 NE SWINKS MILL [38.96, -77.19]**

07/02/22 19:57 EST	5K	Thunderstorm Wind (EG 55 kt)
07/02/22 19:57 EST	0	Source: Broadcast Media

Several trees blew down and lawn furniture was lofted near McLean near I-495 Capital Beltway and VA-193 Georgetown Pike.

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

07/02/22 20:14 EST	20K	Thunderstorm Wind (EG 60 kt)
07/02/22 20:14 EST	0	Source: Broadcast Media

Large trees were blown down along George Washington Memorial Parkway at Spout Run Parkway , some up to 4 feet in diameter and up to 50 feet tall. Several trees blew down near the intersection of VA-120 North Glebe Road and Military Road.

**A few severe thunderstorms produced several instances of wind damage ahead of a cold front during the afternoon and evening hours.**

**KING GEORGE COUNTY --- 1.0 E COMORN [38.28, -77.20]**

07/05/22 13:00 EST	1K	Thunderstorm Wind (EG 50 kt)
07/05/22 13:00 EST	0	Source: Department of Highways

Tree damage was reported near King George, including a tree that blew down along VA-206 Dahlgren Road near Delegate Drive blocking the westbound lane.

**A few thunderstorms, including an isolated supercell, produced sporadic wind damage and a couple of tornadoes along a stalled warm front.**

**AUGUSTA COUNTY --- 0.7 WSW CHURCHVILLE [38.23, -79.16], 1.4 SE CHURCHVILLE [38.22, -79.13]**

07/06/22 14:49 EST	10K	Thunderstorm Wind (EG 55 kt)
07/06/22 14:51 EST	0	Source: Broadcast Media

Wind damage was reported around Churchville. Siding was torn off the side of a home. A tree blew down onto a car on US-250 Churchville Avenue near the intersection with Eastwood Drive.

**STAUNTON (C) COUNTY --- 0.7 NE STAUNTON [38.16, -79.06]**

07/06/22 15:00 EST	1.20M	Thunderstorm Wind (EG 85 kt)
07/06/22 15:05 EST	0	Source: Broadcast Media

## Storm Data and Unusual Weather Phenomena - July 2022

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<p>Hundreds of trees blew down around the City of Staunton. Although most of the damage was consistent with wind gusts of 60 to 80 mph, there was one spot in the unit block of Morris Mill Road that had significantly more severe damage. In this area, a few hundred yard swath of trees snapped; most were healthy pine trees, and virtually every tree was snapped in half, all laying in the same direction. Elsewhere, a tree blew down onto a car on Devon Road; multiple trees and power lines blew down on Aiken Street; a large tree limb punctured the roof of a home on Garland Drive; several large trees blew down on Selma Boulevard, including a few into a house; several large pine trees snapped on Stonewall Circle and Knollwood Drive; trees blew down on Blair Street; numerous trees blew down on Poplar Street and North Drive. Some buildings suffered minor roof and siding damage around the city, as well.</p>				
<hr/>				
<b>STAUNTON (C) COUNTY --- 0.7 NE STAUNTON [38.16, -79.06]</b>				
	07/06/22 15:05 EST		0	Hail (1.00 in)
	07/06/22 15:05 EST		0	Source: Broadcast Media
<p>Quarter size hail was reported in the City of Staunton.</p>				
<hr/>				
<b>AUGUSTA COUNTY --- 1.3 NNE JOLIVUE [38.12, -79.07]</b>				
	07/06/22 15:10 EST		6K	Thunderstorm Wind (EG 55 kt)
	07/06/22 15:10 EST		0	Source: Broadcast Media
<p>Several trees blew down in the 100 block of First Street.</p>				
<hr/>				
<b>AUGUSTA COUNTY --- 0.1 ESE FISHERSVILLE [38.10, -78.97]</b>				
	07/06/22 15:27 EST		6K	Thunderstorm Wind (EG 55 kt)
	07/06/22 15:27 EST		0	Source: 911 Call Center
<p>Several trees blew down around Fishersville in east-central Augusta County.</p>				
<hr/>				
<b>AUGUSTA COUNTY --- 0.8 NE LYNDHURST [38.04, -78.94]</b>				
	07/06/22 15:30 EST		1K	Thunderstorm Wind (EG 50 kt)
	07/06/22 15:30 EST		0	Source: Broadcast Media
<p>Tree damage was reported near Lyndhurst southwest of the City of Waynesboro, including a tree that blew down on VA-664 Lyndhurst Road.</p>				
<hr/>				
<b>PRINCE WILLIAM COUNTY --- 1.5 WSW HOADLY [38.67, -77.40]</b>				
	07/06/22 23:35 EST		50K	Thunderstorm Wind (EG 55 kt)
	07/06/22 23:40 EST		0	Source: 911 Call Center
<p>About a dozen trees and large tree limbs blew down onto wires taking down a few poles near the intersection of VA -642 Hoadley Road and Purcell Road. A few other trees blew down in neighborhoods nearby.</p>				
<p><b>An isolated but intense thunderstorm resulted in widespread wind damage in and near the City of Staunton during the afternoon hours. Later that evening, a brief supercell produced localized wind damage in Prince William County.</b></p>				
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<b>ALBEMARLE COUNTY --- 3.6 SE FARMINGTON [38.02, -78.50], 3.6 SE FARMINGTON [38.02, -78.50], 3.6 NW SIMEON [38.02, -78.50], 3.6 NW SIMEON [38.02, -78.50]</b>				
	07/08/22 21:25 EST		0	Flash Flood (due to Heavy Rain)
	07/08/22 23:25 EST		0	Source: Broadcast Media
<p>Fifth Street southbound was closed near the 1100 Block due to high water.</p>				
<hr/>				
<b>ALBEMARLE COUNTY --- 2.0 E FARMINGTON [38.04, -78.51], 2.0 ESE FARMINGTON [38.04, -78.51], 2.0 ESE FARMINGTON [38.04, -78.51], 2.0 ESE FARMINGTON [38.04, -78.51]</b>				
	07/08/22 22:00 EST		0	Flash Flood (due to Heavy Rain)
	07/08/22 23:25 EST		0	Source: Public
<p>Multiple vehicles were stuck in high water near Old Ivy Road and Ivy Road.</p>				
<hr/>				
<b>ALBEMARLE COUNTY --- 2.7 SW RIO [38.04, -78.50], 2.5 SW RIO [38.04, -78.50], 2.5 SW RIO [38.04, -78.50], 2.7 SW RIO [38.04, -78.50]</b>				
	07/08/22 22:00 EST		0	Flash Flood (due to Heavy Rain)
	07/08/22 23:25 EST		0	Source: Public
<p>Multiple vehicles were stuck in water along the 14th Street NW Bridge.</p>				
<hr/>				
<b>ARLINGTON COUNTY --- 2.6 SW SOUTH WASHINGTON [38.84, -77.08], 2.5 SW SOUTH WASHINGTON [38.84, -77.08], 2.5 S ROSSLYN [38.84, -77.08], 2.6 S ROSSLYN [38.84, -77.08]</b>				

## Storm Data and Unusual Weather Phenomena - July 2022

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/09/22 01:01 EST		0	Flood (due to Heavy Rain)
	07/09/22 03:01 EST		0	Source: Department of Highways

Northbound and center lanes along I-395 in Arlington County were closed due to high water.

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

07/09/22 02:15 EST	0	Flood (due to Heavy Rain)
07/09/22 09:40 EST	0	Source: River/Stream Gage

The water level rose above flood stage along Difficult Run at Browns Mill Road. Browns Mill Road was covered by at least six inches of water.

**FAIRFAX COUNTY --- 0.9 WSW TREMONT [38.85, -77.24], 1.0 WSW TREMONT [38.85, -77.24], 1.1 WSW TREMONT [38.85, -77.24], 1.0 WSW TREMONT [38.85, -77.24]**

07/09/22 02:25 EST	0	Flash Flood (due to Heavy Rain)
07/09/22 02:55 EST	0	Source: River/Stream Gage

The stream gauge along the Accotink Creek near Strathmeade Springs quickly rose above flood stage. Woodburn Road was covered by approximately six inches of water at its lowest point. Portions of the county trail were also flooded.

**FAUQUIER COUNTY --- 0.3 NW WARRENTON ARPT [38.65, -77.78], 0.4 NNW WARRENTON ARPT [38.65, -77.78], 0.3 NNW WARRENTON ARPT [38.65, -77.78], 0.2 NNW WARRENTON ARPT [38.65, -77.78]**

07/09/22 03:18 EST	0	Flood (due to Heavy Rain)
07/09/22 05:18 EST	0	Source: 911 Call Center

The road was closed due to high water at the intersection of Green Meadows Road and Beach Road near the confluence of Licking Run and Mill Run.

**CULPEPER COUNTY --- 0.3 NNE MONUMENT MILLS [38.60, -78.00], 0.2 NW MONUMENT MILLS [38.60, -78.00], 0.3 WNW MONUMENT MILLS [38.60, -78.00], 0.4 NW MONUMENT MILLS [38.60, -78.00], 0.3 NNW MONUMENT MILLS [38.60, -78.00]**

07/09/22 03:20 EST	0	Flood (due to Heavy Rain)
07/09/22 05:20 EST	0	Source: 911 Call Center

Butler Store Road was closed due to high water.

**A weak cold front slowly moved through the area later on the 8th into the 9th. A wave of low pressure tracked along the front, passing through the area during that time. Plenty of moisture ahead of the boundary along with moderate instability led to areas of heavy rainfall. The slower storm motion and training storms led to areas of flooding and flash flooding.**

**SHENANDOAH COUNTY --- 4.7 NNW VAN BUREN FURNACE [39.04, -78.57]**

07/12/22 15:00 EST	0	Hail (1.00 in)
07/12/22 15:00 EST	0	Source: Public

Quarter size hail was reported southeast of Wardensville.

**FREDERICK COUNTY --- 2.1 S OPEQUON [39.14, -78.25]**

07/12/22 15:14 EST	0	Thunderstorm Wind (MG 50 kt)
07/12/22 15:14 EST	0	Source: Mesonet

A wind gust of 50 knots (58 MPH) was measured by a mesonet near Stephens City.

**SHENANDOAH COUNTY --- 0.6 SW LEBANON CHURCH [39.04, -78.39]**

07/12/22 15:16 EST	0	Thunderstorm Wind (MG 54 kt)
07/12/22 15:16 EST	0	Source: Mesonet

A wind gust of 54 knots (63 MPH) was measured by a mesonet near Clary.

**SHENANDOAH COUNTY --- 1.6 NNE MT OLIVE [38.99, -78.42]**

07/12/22 15:17 EST	0.10M	Thunderstorm Wind (EG 60 kt)
07/12/22 15:17 EST	0	Source: 911 Call Center

Several trees blew down around Strasburg. A tree blew down on VA-601 Battlefield Road. A tree blew down near the intersection of VA-761 Capon Road and VA-55 John Marshall Highway. Trees blew down on VA-601 Funk Road where a mobile camper was heavily damaged with its sides blown off. A tree blew down in the 3100 block of VA-747 River View Drive.

## Storm Data and Unusual Weather Phenomena - July 2022

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>SHENANDOAH COUNTY --- 1.6 NW COLUMBIA FURNACE [38.89, -78.64]</b>				
	07/12/22 15:24 EST		0	Hail (1.00 in)
	07/12/22 15:24 EST		0	Source: Trained Spotter
Quarter size hail was reported near Harmony.				
<b>SHENANDOAH COUNTY --- 1.6 NW COLUMBIA FURNACE [38.89, -78.64]</b>				
	07/12/22 15:24 EST		2K	Thunderstorm Wind (EG 55 kt)
	07/12/22 15:24 EST		0	Source: Trained Spotter
Eight inch in diameter trees limbs snapped at a residence near Harmony.				
<b>CLARKE COUNTY --- 1.4 W BOYCE [39.10, -78.08]</b>				
	07/12/22 15:25 EST		2K	Thunderstorm Wind (EG 55 kt)
	07/12/22 15:25 EST		0	Source: 911 Call Center
Trees blew down near Boyce. A tree blew down in the 5300 block of VA-657 Senseny Road. A tree blew down near the intersection of VA-723 Old Winchester Road and VA-631 Page Brook Lane.				
<b>CLARKE COUNTY --- 0.5 WNW WHITE POST [39.05, -78.11]</b>				
	07/12/22 15:30 EST		1K	Thunderstorm Wind (EG 50 kt)
	07/12/22 15:30 EST		0	Source: 911 Call Center
Tree damage was reported near White Post, including a tree that blew down in the 600 block of VA-658 White Post Road.				
<b>SHENANDOAH COUNTY --- 0.8 N HAMBURG [38.81, -78.63]</b>				
	07/12/22 15:41 EST		1K	Thunderstorm Wind (EG 50 kt)
	07/12/22 15:41 EST		0	Source: Emergency Manager
Tree damage was reported northwest of Hawkinstown, including along VA-710 Hamburg Road.				
<b>FAUQUIER COUNTY --- MARSHALL [38.87, -77.85]</b>				
	07/12/22 16:05 EST		0	Hail (1.25 in)
	07/12/22 16:05 EST		0	Source: Emergency Manager
Half dollar size hail was reported in Marshall.				
<b>LOUDOUN COUNTY --- 0.7 ESE WOODBURN [39.08, -77.61]</b>				
	07/12/22 16:05 EST		2K	Thunderstorm Wind (EG 50 kt)
	07/12/22 16:05 EST		0	Source: Department of Highways
Trees blew down near the intersection of VA-651 Hogback Mountain Road and US-15 James Monroe Highway.				
<b>FAUQUIER COUNTY --- 1.1 ESE BELVOIR [38.86, -77.80]</b>				
	07/12/22 16:07 EST		5K	Thunderstorm Wind (EG 50 kt)
	07/12/22 16:07 EST		0	Source: 911 Call Center
Numerous trees blew down in The Plains, including on Bunker Hill Road near Featherstone Lane.				
<b>LOUDOUN COUNTY --- 0.5 W LEESBURG MUNI [39.08, -77.56]</b>				
	07/12/22 16:09 EST		0	Thunderstorm Wind (MG 54 kt)
	07/12/22 16:09 EST		0	Source: AWOS
A wind gust of 54 knots (62 MPH) was measured by the AWOS at Leesburg Executive Airport (KJYO).				
<b>LOUDOUN COUNTY --- 1.7 WNW LEESBURG MUNI [39.09, -77.58]</b>				
	07/12/22 16:09 EST		0	Hail (1.00 in)
	07/12/22 16:09 EST		0	Source: Trained Spotter
Quarter size hail was reported on the south side of Leesburg.				

## Storm Data and Unusual Weather Phenomena - July 2022

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>LOUDOUN COUNTY --- 0.5 ESE WAXPOOL [39.02, -77.51]</b>				
	07/12/22 16:18 EST		5K	Thunderstorm Wind (EG 55 kt)
	07/12/22 16:18 EST		0	Source: NWS Employee
Numerous large tree limbs blew down near the intersection of VA-901 Claiborne Parkway and Waxpool Road.				
<b>LOUDOUN COUNTY --- 1.6 SE ARCOLA GLASCOCK ARPT [38.91, -77.53]</b>				
	07/12/22 16:23 EST		0	Hail (1.00 in)
	07/12/22 16:23 EST		0	Source: Trained Spotter
Quarter size hail was reported in Arcola.				
<b>LOUDOUN COUNTY --- 1.6 SE ARCOLA GLASCOCK ARPT [38.91, -77.53]</b>				
	07/12/22 16:23 EST		10K	Thunderstorm Wind (EG 60 kt)
	07/12/22 16:23 EST		0	Source: Trained Spotter
Numerous trees blew down around Arcola and South Riding, including along US-50 John Mosby Highway near Pleasant Valley Road.				
<b>FAUQUIER COUNTY --- 1.9 SSE NEW BALTIMORE [38.74, -77.71]</b>				
	07/12/22 16:25 EST		25K	Thunderstorm Wind (EG 55 kt)
	07/12/22 16:25 EST		0	Source: Department of Highways
Numerous trees blew down near Broken Hill. VA-676 Riley Road from Oakmont Drive to VA-1325 Lakeview Drive was closed due to downed trees and power lines. A large tree blew down onto an occupied vehicle nearby.				
<b>LOUDOUN COUNTY --- 0.5 NE BROAD RUN FARMS [39.03, -77.36]</b>				
	07/12/22 16:27 EST		4K	Thunderstorm Wind (EG 50 kt)
	07/12/22 16:27 EST		0	Source: Trained Spotter
Several large tree limbs blew down near Monticello Drive.				
<b>LOUDOUN COUNTY --- 1.0 S DULLES INTL ARPT [38.94, -77.45]</b>				
	07/12/22 16:28 EST		0	Thunderstorm Wind (MG 53 kt)
	07/12/22 16:28 EST		0	Source: ASOS
A wind gust of 53 knots (61 MPH) was measured by the ASOS at Washington Dulles International Airport (KIAD).				
<b>FAIRFAX COUNTY --- 1.7 NE BULL RUN [38.84, -77.46]</b>				
	07/12/22 16:29 EST		0	Thunderstorm Wind (MG 61 kt)
	07/12/22 16:29 EST		0	Source: Mesonet
A wind gust of 61 knots (70 MPH) was measured by a mesonet in Centreville (CW3766).				
<b>FAIRFAX COUNTY --- 1.9 SSW SUNSET HILLS [38.92, -77.36]</b>				
	07/12/22 16:29 EST		2K	Thunderstorm Wind (EG 50 kt)
	07/12/22 16:29 EST		0	Source: Department of Highways
Trees blew down in Reston, including along VA-673 Lawyers Road near Blue Spruce Road.				
<b>RAPPAHANNOCK COUNTY --- 4.2 WNW SPERRYVILLE [38.70, -78.32]</b>				
	07/12/22 16:29 EST		2K	Thunderstorm Wind (EG 50 kt)
	07/12/22 16:29 EST		0	Source: Park/Forest Service
Tree damage was reported on Skyline Drive just before the intersection with US-211 Lee Highway.				
<b>FAIRFAX COUNTY --- 0.8 SE FLORIS [38.91, -77.41]</b>				
	07/12/22 16:31 EST		6K	Thunderstorm Wind (EG 55 kt)
	07/12/22 16:31 EST		0	Source: Trained Spotter
Several trees blew down between Herndon and Chantilly, including at a residence off of Franklin Farm Road.				

## Storm Data and Unusual Weather Phenomena - July 2022

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>RAPPAHANNOCK COUNTY --- 0.7 SSW WASHINGTON [38.71, -78.17]</b>				
	07/12/22 16:34 EST		2K	Thunderstorm Wind (EG 50 kt)
	07/12/22 16:34 EST		0	Source: Department of Highways
Trees blew down along VA-626 Piedmont Avenue.				
<b>FAIRFAX COUNTY --- 1.3 SE CENTREVILLE [38.82, -77.41]</b>				
	07/12/22 16:36 EST		2K	Thunderstorm Wind (EG 50 kt)
	07/12/22 16:36 EST		0	Source: Department of Highways
Trees blew down in Clifton, including near the intersection of Twin Lakes Drive and Twin Lakes Court.				
<b>FAIRFAX COUNTY --- 0.4 S LAUREL GROVE [38.76, -77.15]</b>				
	07/12/22 17:00 EST		4K	Thunderstorm Wind (EG 50 kt)
	07/12/22 17:00 EST		0	Source: Department of Highways
Several trees blew down in Franconia, including near the intersection of VA-635 Hayfield Road and VA-613 Manchester Boulevard.				
<b>FAIRFAX COUNTY --- 1.8 ESE ENGLSIDE [38.72, -77.12]</b>				
	07/12/22 17:09 EST		2K	Thunderstorm Wind (EG 50 kt)
	07/12/22 17:09 EST		0	Source: Department of Highways
Trees blew down near the intersection of Black Alder Drive and Old Mill Road.				
<b>ROCKINGHAM COUNTY --- 1.3 WSW BOX CREEK [38.57, -78.92]</b>				
	07/12/22 17:21 EST		3K	Thunderstorm Wind (EG 50 kt)
	07/12/22 17:21 EST		0	Source: 911 Call Center
Trees and wires blew down near the intersection of VA-776 Frank Lane Road and Bowbender Lane.				
<b>PAGE COUNTY --- 1.0 SSE STANLEY [38.57, -78.51]</b>				
	07/12/22 17:42 EST		4K	Thunderstorm Wind (EG 50 kt)
	07/12/22 17:42 EST		0	Source: 911 Call Center
A couple of trees were reported down near Luray and Hamburg , including along VA-710 Hamburg Road near US-211 Lee Highway, on West Page Street, and in the 1300 block of Big Oak Road.				
<b>CULPEPER COUNTY --- 1.9 N ALANTHUS [38.56, -77.92]</b>				
	07/12/22 17:43 EST		2K	Thunderstorm Wind (EG 50 kt)
	07/12/22 17:43 EST		0	Source: 911 Call Center
Trees blew down along VA-625 Mount Zion Church Road.				
<b>CULPEPER COUNTY --- 1.9 ENE CULPEPER [38.49, -77.97]</b>				
	07/12/22 18:31 EST		3K	Thunderstorm Wind (EG 50 kt)
	07/12/22 18:31 EST		0	Source: 911 Call Center
Trees blew down along Business US-15/US-29 Brandy Road near VA-666 Bradford Road/Braggs Corner Road.				
<b>MADISON COUNTY --- 1.8 SE BRIGHTWOOD [38.40, -78.18]</b>				
	07/12/22 18:31 EST		6K	Thunderstorm Wind (EG 55 kt)
	07/12/22 18:31 EST		0	Source: 911 Call Center
Several trees blew down along VA-630 Thoroughfare Road.				
<b>MADISON COUNTY --- 1.1 NW ELLY [38.36, -78.21]</b>				
	07/12/22 18:32 EST		0	Hail (1.00 in)
	07/12/22 18:32 EST		0	Source: Trained Spotter
Quarter size hail was reported southeast of Madison.				



## Storm Data and Unusual Weather Phenomena - July 2022

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>MADISON COUNTY --- 0.5 ENE BRIGHTWOOD [38.42, -78.19]</b>				
	07/12/22 18:35 EST		0	Hail (1.00 in)
	07/12/22 18:35 EST		0	Source: Broadcast Media
Quarter size hail was reported north of Oakpark.				
<b>FAUQUIER COUNTY --- 0.5 E BEALETON [38.57, -77.76]</b>				
	07/12/22 18:37 EST		6K	Thunderstorm Wind (EG 55 kt)
	07/12/22 18:37 EST		0	Source: 911 Call Center
Numerous trees blew down around Bealeton.				
<b>FAUQUIER COUNTY --- 0.6 ESE SUMERDUCK [38.45, -77.71]</b>				
	07/12/22 18:41 EST		10K	Thunderstorm Wind (EG 55 kt)
	07/12/22 18:41 EST		0	Source: 911 Call Center
Numerous trees and wires blew down in Sumerduck, including along VA-651 Sumerduck Road between VA-631 Snake Castle Road and VA-632 Rogers Ford Road.				
<b>PRINCE WILLIAM COUNTY --- 2.2 WNW NOKESVILLE [38.71, -77.62]</b>				
	07/12/22 18:41 EST		3K	Thunderstorm Wind (EG 50 kt)
	07/12/22 18:41 EST		0	Source: 911 Call Center
Trees blew down onto wires near the intersection of VA-652 Fitzwater Drive and Morla Lane.				
<b>MADISON COUNTY --- 1.6 N LOCUST DALE [38.35, -78.13]</b>				
	07/12/22 18:45 EST		0	Thunderstorm Wind (MG 58 kt)
	07/12/22 18:45 EST		0	Source: Trained Spotter
A wind gust of 58 knots (67 MPH) was measured near Oakpark.				
<b>STAFFORD COUNTY --- 2.2 NE STORCH [38.45, -77.60]</b>				
	07/12/22 18:49 EST		2K	Thunderstorm Wind (EG 50 kt)
	07/12/22 18:49 EST		0	Source: 911 Call Center
Trees blew down along VA-612 Hartwood Road and Meadows Road.				
<b>STAFFORD COUNTY --- 1.2 E HOLLY CORNER [38.37, -77.55]</b>				
	07/12/22 18:53 EST		2K	Thunderstorm Wind (EG 50 kt)
	07/12/22 18:53 EST		0	Source: 911 Call Center
Trees blew down along VA-655 Holly Corner Road near Country Manor Drive.				
<b>MADISON COUNTY --- 1.3 NW BURNT TREE [38.31, -78.20]</b>				
	07/12/22 18:59 EST		6K	Thunderstorm Wind (EG 55 kt)
	07/12/22 18:59 EST		0	Source: 911 Call Center
Several trees blew down along VA-230 Orange Road and VA-684 Radiant Way.				
<b>SPOTSYLVANIA COUNTY --- 0.6 E FIVE MILE [38.28, -77.54]</b>				
	07/12/22 18:59 EST		2K	Thunderstorm Wind (EG 50 kt)
	07/12/22 18:59 EST		0	Source: Department of Highways
Trees blew down near the intersection of Ford Road and Rutherford Drive.				
<b>STAFFORD COUNTY --- 0.1 SE MIDWAY IS [38.50, -77.37]</b>				
	07/12/22 19:01 EST		4K	Thunderstorm Wind (EG 55 kt)
	07/12/22 19:01 EST		0	Source: 911 Call Center
Trees blew down along VA-637 Telegraph Road and Midway Road. Trees blew down around the intersection of VA-635 Decatur Road and VA-611 Widewater Road.				

## Storm Data and Unusual Weather Phenomena - July 2022

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>PRINCE WILLIAM COUNTY --- 0.5 NNW (NYG)MCAS QUANTICO [38.51, -77.30]</b>				
	07/12/22 19:10 EST		0	Thunderstorm Wind (MG 51 kt)
	07/12/22 19:10 EST		0	Source: ASOS
A wind gust of 51 knots (59 MPH) was measured by the ASOS at Quantico Marine Base (KNYG).				
<b>ORANGE COUNTY --- 0.3 SE ORANGE CO ARPT [38.25, -78.05]</b>				
	07/12/22 19:19 EST		0	Thunderstorm Wind (MG 54 kt)
	07/12/22 19:19 EST		0	Source: AWOS
A wind gust of 54 knots (62 MPH) was measured by the AWOS at Orange County Airport (KOMH).				
<b>ORANGE COUNTY --- 1.1 N VULCAN [38.24, -77.92]</b>				
	07/12/22 19:22 EST		30K	Thunderstorm Wind (EG 60 kt)
	07/12/22 19:22 EST		0	Source: 911 Call Center
Dozens of trees and wires blew down along VA-624 Tower Road.				
<b>ORANGE COUNTY --- 1.4 WSW ORANGE CO ARPT [38.24, -78.07]</b>				
	07/12/22 19:23 EST		3K	Thunderstorm Wind (EG 55 kt)
	07/12/22 19:23 EST		0	Source: Trained Spotter
Multiple trees blew down along VA-20 Constitution Highway.				
<b>MADISON COUNTY --- 0.2 S PRATTS [38.35, -78.27]</b>				
	07/12/22 19:53 EST		6K	Thunderstorm Wind (EG 55 kt)
	07/12/22 19:53 EST		0	Source: 911 Call Center
Numerous trees blew down near Pratts.				
<b>ORANGE COUNTY --- 0.6 N SCUFFLETOWN [38.26, -78.30]</b>				
	07/12/22 20:49 EST		2K	Thunderstorm Wind (EG 50 kt)
	07/12/22 20:49 EST		0	Source: 911 Call Center
Trees blew down along VA-609 Scuffletown Road.				
<p><b>An outbreak of significant severe weather occurred during the afternoon and evening hours of Tuesday, July 12th, 2022. An unseasonably strong cold front interacted with a high instability airmass to result in several bowing lines of thunderstorms, which maintained their organization and intensity due to strong atmospheric wind shear. Swaths of widespread damaging winds were observed, much of which was considerable. A couple of tornadoes were also confirmed, along with some significant hail. A wind gust of over 100 MPH was measured in one of the most powerful storms over eastern West Virginia.</b></p>				
<b>ORANGE COUNTY --- 2.1 WNW ORANGE [38.26, -78.16], 2.1 WNW ORANGE [38.26, -78.15], 2.1 WNW ORANGE [38.26, -78.15], 2.1 WNW ORANGE [38.26, -78.15]</b>				
	07/12/22 21:29 EST		0	Flood (due to Heavy Rain)
	07/12/22 23:29 EST		0	Source: 911 Call Center
Spicers Mill Road was closed due to high water near Spicewood Road.				
<b>An isolated incident of flooding occurred in Orange County.</b>				
<b>PRINCE WILLIAM COUNTY --- 0.9 SE WOOLSEY [38.86, -77.62]</b>				
	07/13/22 21:15 EST		4K	Thunderstorm Wind (EG 50 kt)
	07/13/22 21:15 EST		0	Source: Public
There was a report of trees and several large tree limbs blown down northwest of Haymarket.				
<b>An isolated severe thunderstorm affected a small portion of Prince William County during the evening hours.</b>				
<b>PRINCE WILLIAM COUNTY --- 1.6 N QUANTICO [38.54, -77.28]</b>				

## Storm Data and Unusual Weather Phenomena - July 2022

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/14/22 15:25 EST		2K	Thunderstorm Wind (EG 50 kt)
	07/14/22 15:25 EST		0	Source: Department of Highways
Trees blew down near the intersection of VA-783 Cockpit Point Road and VA-633 Possum Point Road.				
<b>FAUQUIER COUNTY --- 1.7 S ORLEAN [38.73, -77.95]</b>				
	07/14/22 16:50 EST		2K	Thunderstorm Wind (EG 50 kt)
	07/14/22 16:50 EST		0	Source: 911 Call Center
Trees blew down near the 7000 block of VA-688 Leeds Manor Road.				
<b>A couple of isolated severe thunderstorms produced localized wind damage from east-central Virginia into southern Maryland.</b>				
<b>KING GEORGE COUNTY --- 1.2 WSW KING GEORGE [38.26, -77.19]</b>				
	07/16/22 15:26 EST		1.50K	Thunderstorm Wind (EG 45 kt)
	07/16/22 15:26 EST		0	Source: 911 Call Center
A tree branch was reported down on a wire in the 11000 block of VA-610 Millbank Road.				
<b>MADISON COUNTY --- 1.9 E LOCUST DALE [38.33, -78.10]</b>				
	07/16/22 16:38 EST		10K	Thunderstorm Wind (EG 60 kt)
	07/16/22 16:38 EST		0	Source: 911 Call Center
Numerous trees blew down along VA-614 Locust Dale Road.				
<b>CULPEPER COUNTY --- 0.5 SSE RAPIDAN [38.31, -78.07]</b>				
	07/16/22 16:50 EST		10K	Thunderstorm Wind (EG 60 kt)
	07/16/22 16:50 EST		0	Source: 911 Call Center
Numerous trees blew down along VA-614 Locust Dale Road in Rapidan.				
<b>ORANGE COUNTY --- 1.8 N NASONS [38.30, -78.03]</b>				
	07/16/22 17:00 EST		6K	Thunderstorm Wind (EG 60 kt)
	07/16/22 17:00 EST		0	Source: 911 Call Center
Numerous trees blew down southeast of Rapidan. Trees blew down near the intersection of VA-627 Clarks Mountain Road and VA-615 Rapidan Road, and near VA-697 Moormont Road. Trees blew down in the 8500 block of VA-628 Clifton Road.				
<b>ORANGE COUNTY --- 0.8 NNE NASONS [38.28, -78.03]</b>				
	07/16/22 17:03 EST		6K	Thunderstorm Wind (EG 60 kt)
	07/16/22 17:03 EST		0	Source: 911 Call Center
Numerous trees blew down near the intersection of VA-628 Clifton Road and Barclay Lane/Jackson's Quarters Road.				
<b>CULPEPER COUNTY --- 1.6 N CULPEPER [38.50, -78.00]</b>				
	07/16/22 17:05 EST		2K	Thunderstorm Wind (EG 55 kt)
	07/16/22 17:05 EST		0	Source: 911 Call Center
Trees blew down near VA-729 Eggbornsville Road.				
<b>NELSON COUNTY --- 0.6 NW STAGE BRIDGE [37.84, -78.79]</b>				
	07/16/22 17:57 EST		1K	Thunderstorm Wind (EG 50 kt)
	07/16/22 17:57 EST		0	Source: 911 Call Center
Tree damage was reported northwest of Rockfish, including a tree that blew down on VA-623 Stagebridge Road.				
<b>Several thunderstorms produced localized wind damage ahead of a weak cold front.</b>				
<b>ALEXANDRIA (C) COUNTY --- 1.3 ENE POTOMAC YARD [38.84, -77.06], 1.3 ENE POTOMAC YARD [38.84, -77.06], 1.2 ENE POTOMAC YARD [38.84, -77.06]</b>				
	07/16/22 18:13 EST		0	Flood (due to Heavy Rain)
	07/16/22 20:13 EST		0	Source: Public

## Storm Data and Unusual Weather Phenomena - July 2022

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
High water was reported near the intersection of Commonwealth Avenue and East Glebe Road.				
<b>ALEXANDRIA (C) COUNTY --- 2.3 ESE ALEXANDRIA [38.80, -77.04], 2.2 ESE ALEXANDRIA [38.81, -77.04], 2.4 ESE ALEXANDRIA [38.81, -77.04], 2.5 ESE ALEXANDRIA [38.80, -77.04]</b>				
	07/16/22 19:00 EST		0	Flash Flood (due to Heavy Rain)
	07/16/22 21:00 EST		0	Source: 911 Call Center
Several roads were closed due to a few feet of standing water, including near the Intersection of King Street and North Union Street.				
<b>ALEXANDRIA (C) COUNTY --- 1.4 ESE ALEXANDRIA [38.81, -77.05], 1.5 ESE ALEXANDRIA [38.81, -77.05], 1.5 ESE ALEXANDRIA [38.81, -77.05], 1.5 ESE ALEXANDRIA [38.81, -77.05]</b>				
	07/16/22 19:08 EST		0	Flash Flood (due to Heavy Rain)
	07/16/22 21:08 EST		0	Source: Broadcast Media
Six inches of water was flowing over the road near the Braddock Metro.				
<b>An upper-level trough was overhead while a weak boundary was stalled nearby. Plenty of moisture around high pressure over the Atlantic led to the development of showers and thunderstorms. With slower storm motion, this led to instances of flooding and flash flooding.</b>				
<b>ROCKINGHAM COUNTY --- 0.1 NNE GENOA [38.65, -78.92]</b>				
	07/17/22 13:19 EST		3K	Thunderstorm Wind (EG 50 kt)
	07/17/22 13:19 EST		0	Source: Broadcast Media
Trees blew down in Fulks Ran, including on Tranquility Lane.				
<b>ROCKINGHAM COUNTY --- 1.7 NNW ROCKY BAR [38.37, -78.69]</b>				
	07/17/22 13:57 EST		1K	Thunderstorm Wind (EG 50 kt)
	07/17/22 13:57 EST		0	Source: 911 Call Center
Tree damage was reported near Elkton and Rocky Bar, including in the 1200 block of VA-643 Waterloo Mill Lane.				
<b>SHENANDOAH COUNTY --- 2.9 WNW LEBANON CHURCH [39.06, -78.43]</b>				
	07/17/22 14:04 EST		1K	Thunderstorm Wind (EG 50 kt)
	07/17/22 14:04 EST		0	Source: 911 Call Center
Tree damage was reported near Gravel Springs, including near the intersection of VA-714 Turkey Run Road and Cedar Creek Road.				
<b>WARREN COUNTY --- 2.1 SE RELIANCE [38.98, -78.23]</b>				
	07/17/22 15:07 EST		1K	Thunderstorm Wind (EG 45 kt)
	07/17/22 15:07 EST		0	Source: Public
A tree was reported down near Buckton.				
<b>MADISON COUNTY --- 1.4 NE BRIGHTWOOD [38.44, -78.18]</b>				
	07/17/22 16:17 EST		20K	Thunderstorm Wind (EG 60 kt)
	07/17/22 16:17 EST		0	Source: 911 Call Center
Numerous trees and wires blew down near Reva and Fordsville. Several trees and wires blew down in the 1200 and 1800 blocks of VA-607 Ridgeview Road.				
<b>MADISON COUNTY --- 53.3 E LOCUST DALE [38.33, -77.15]</b>				
	07/17/22 17:00 EST		4K	Thunderstorm Wind (EG 50 kt)
	07/17/22 17:00 EST		0	Source: 911 Call Center
Several trees blew down on VA-218 Caledon Road near Caledon State Park.				
<b>ALBEMARLE COUNTY --- 1.4 ENE ADVANCE MILLS [38.19, -78.43]</b>				
	07/17/22 17:27 EST		1K	Thunderstorm Wind (EG 50 kt)
	07/17/22 17:27 EST		0	Source: 911 Call Center
Tree damage was reported northeast of Earlysville, including in the 2100 block of VA-641 Frays Mill Road.				

## Storm Data and Unusual Weather Phenomena - July 2022

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>A few thunderstorms produced localized wind damage along a stalling cold front.</b>				
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<b>SHENANDOAH COUNTY --- 0.6 W CONICVILLE [38.83, -78.69]</b>				
	07/18/22 13:33 EST		1K	Thunderstorm Wind (EG 45 kt)
	07/18/22 13:33 EST		0	Source: 911 Call Center
A tree was reported down near the intersection of VA-703 Conicville Road and VA-42 Senedo Road.				
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<b>SHENANDOAH COUNTY --- 0.5 NNE EDINBURG [38.83, -78.57]</b>				
	07/18/22 13:44 EST		1K	Thunderstorm Wind (EG 45 kt)
	07/18/22 13:44 EST		0	Source: 911 Call Center
A tree was reported down near the intersection of Town Hall Avenue and Park Road.				
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<b>GREENE COUNTY --- 2.5 NNW STANDARDSVILLE [38.33, -78.45]</b>				
	07/18/22 14:03 EST		1K	Thunderstorm Wind (EG 50 kt)
	07/18/22 14:03 EST		0	Source: 911 Call Center
Tree damage was reported near McMullen, including a tree that blew down near the intersection of VA-621 South River Road and VA-637 Octonia Road.				
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<b>GREENE COUNTY --- 2.0 NNE STANDARDSVILLE [38.32, -78.41]</b>				
	07/18/22 14:07 EST		4K	Thunderstorm Wind (EG 55 kt)
	07/18/22 14:07 EST		0	Source: 911 Call Center
Several trees blew down near the intersection of VA-230 Madison Road and VA-619 Dundee Road.				
<hr/>				
<b>LOUDOUN COUNTY --- 2.4 NNE TAYLORSTOWN [39.28, -77.56]</b>				
	07/18/22 14:10 EST		2K	Thunderstorm Wind (EG 50 kt)
	07/18/22 14:10 EST		0	Source: 911 Call Center
Trees blew down along VA-672 Lovettsville Road.				
<hr/>				
<b>WARREN COUNTY --- 1.3 E ROCKLAND [38.98, -78.13]</b>				
	07/18/22 14:19 EST		1K	Thunderstorm Wind (EG 50 kt)
	07/18/22 14:19 EST		0	Source: 911 Call Center
Tree damage was reported west of Howellsville, including a tree that blew down near the intersection of VA-624 Milldale Road and Morgan Ford Road.				
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<b>LOUDOUN COUNTY --- 1.5 WSW SUNNY BANK [38.97, -77.72]</b>				
	07/18/22 14:46 EST		2K	Thunderstorm Wind (EG 50 kt)
	07/18/22 14:46 EST		0	Source: Broadcast Media
Trees and wires blew down along US-50 John Mosby Highway near VA-748 Sam Fred Road/Melmore Place and VA-627 Parsons Road.				
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<b>LOUDOUN COUNTY --- 0.7 ESE WOODBURN [39.08, -77.61], 1.3 ENE WOODBURN [39.08, -77.60]</b>				
	07/18/22 14:50 EST		20K	Thunderstorm Wind (EG 60 kt)
	07/18/22 14:51 EST		0	Source: Emergency Manager
Numerous trees blew down just southwest of Leesburg. Trees blew down near the intersection of VA-797 Mount Gilead Road and VA-704 Harmony Church Road. Trees and a lightpost blew over near the intersection of US-15 James Monroe Highway and Woodlea Drive Southwest. Trees blew down along a multiuse path on US-15 South King Street and Battlefield Parkway Southeast. A large tree limb blew down onto the roof of a home near the intersection of Catesby Court Southwest and Meade Drive Southwest.				
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<b>FAIRFAX COUNTY --- 0.4 S GREENWAY [38.96, -77.23]</b>				
	07/18/22 15:25 EST		1K	Thunderstorm Wind (EG 40 kt)
	07/18/22 15:25 EST		0	Source: Department of Highways
A tree was reported down near the intersection of VA-193 Georgetown Pike and Kimberwicke Road.				
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<b>FAIRFAX COUNTY --- 1.6 W CLARKS CROSSING [38.92, -77.33]</b>				

## Storm Data and Unusual Weather Phenomena - July 2022

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/18/22 15:25 EST		0.50K	Thunderstorm Wind (EG 40 kt)
	07/18/22 15:25 EST		0	Source: Department of Highways

There was a report of a branch down near the intersection of VA-669 Stuart Mill Road and Oakmont Court.

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### FREDERICKSBURG (C) COUNTY --- 2.5 W FREDERICKSBURG [38.31, -77.52]

	07/18/22 15:54 EST		0.50K	Thunderstorm Wind (EG 40 kt)
	07/18/22 15:54 EST		0	Source: Department of Highways

A branch was reported down near the intersection of VA-618 River Road and VA-639 Bragg Road/Fall Hill Avenue.

**Several bands of thunderstorms containing damaging winds developed along a cold front.**

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### FAIRFAX COUNTY --- 1.7 NNW CENTREVILLE [38.85, -77.43]

	07/21/22 15:16 EST		2K	Thunderstorm Wind (EG 50 kt)
	07/21/22 15:16 EST		0	Source: 911 Call Center

Tree damage was reported between Centreville and Reston. A tree blew down near the intersection of VA-657 Walney Road and Cabells Mill Drive. A tree blew down near the intersection of VA-4703 Steeplechase Drive and Silver Fox Lane.

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### ORANGE COUNTY --- 0.3 ENE ORANGE [38.25, -78.11]

	07/21/22 16:59 EST		3K	Thunderstorm Wind (EG 50 kt)
	07/21/22 16:59 EST		0	Source: 911 Call Center

Tree damage was reported around Orange. A tree blew down near the intersection of Cathedral Place and West Nelson Street. A tree blew down onto wires in the 16000 block of VA-612 Monrovia Road.

**A couple of thunderstorms produced sporadic instances of wind damage when a surface trough interacted with the bay breeze.**

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### SHENANDOAH COUNTY --- 0.7 SSW WOODSTOCK [38.87, -78.53]

	07/23/22 17:39 EST		5K	Thunderstorm Wind (EG 50 kt)
	07/23/22 17:39 EST		0	Source: Trained Spotter

Tree damage was reported near Woodstock, including a tree that blew down onto a car at the 7-11 near I-81.

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### LOUDOUN COUNTY --- 0.7 N TAYLORSTOWN [39.26, -77.58]

	07/23/22 18:10 EST		3K	Thunderstorm Wind (EG 50 kt)
	07/23/22 18:10 EST		0	Source: Department of Highways

Tree damage was reported near Taylorstown, including trees that blew down on VA-668 Taylorstown Road near Taylors Valley Lane. A tree blew down near the intersection of VA-660 Nolands Ferry Road and VA-658 Lost Corner Road.

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### LOUDOUN COUNTY --- 0.9 WSW LINCOLN [39.11, -77.69]

	07/23/22 18:25 EST		1K	Thunderstorm Wind (EG 45 kt)
	07/23/22 18:25 EST		0	Source: Department of Highways

A tree was reported down near the intersection of VA-722 Lincoln Road and VA-723 Foundry Road.

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### FAIRFAX COUNTY --- 1.9 NNW GREAT FALLS [39.02, -77.29]

	07/23/22 18:40 EST		1K	Thunderstorm Wind (EG 40 kt)
	07/23/22 18:40 EST		0	Source: Department of Highways

A tree was reported down near the intersection of VA-603 Beach Mill Road and River Park Drive.

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### FAIRFAX COUNTY --- 2.2 W ILDA [38.83, -77.29]

	07/23/22 18:50 EST		1K	Thunderstorm Wind (EG 40 kt)
	07/23/22 18:50 EST		0	Source: Department of Highways

A tree was reported down near Cotton Farm Road.

**A cold front sparked showers and thunderstorms, some of which became severe resulting in scattered instances of wind damage.**

## Storm Data and Unusual Weather Phenomena - July 2022

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>LOUDOUN COUNTY --- 1.5 N LEESBURG [39.14, -77.55]</b>				
	07/25/22 13:46 EST		10K	Thunderstorm Wind (EG 55 kt)
	07/25/22 13:46 EST		0	Source: Emergency Manager
Tree damage was reported near and just northwest of Leesburg. Trees blew down near the intersection of US-15 James Monroe Highway and VA-740 Tutt Lane. Trees blew down near the intersection of VA-703 Hurley Lane and Mountain Crest Lane. Trees blew down on VA-9 Charles Town Pike near VA-662 Clarkes Gap Road. Trees blew down on VA-698 Old Waterford Road near Trotter Lane. A large tree blew down in the 200 block of Wildman Street Northeast.				
<b>FAIRFAX COUNTY --- 3.5 NW GREAT FALLS [39.03, -77.32]</b>				
	07/25/22 14:22 EST		1K	Thunderstorm Wind (EG 40 kt)
	07/25/22 14:22 EST		0	Source: Department of Highways
A tree was reported down near the intersection of VA-603 Beach Mill Road and Patowmack Drive.				
<b>CULPEPER COUNTY --- 3.0 NNW WHITE SHOP [38.47, -78.08]</b>				
	07/25/22 14:28 EST		5K	Thunderstorm Wind (EG 50 kt)
	07/25/22 14:28 EST		0	Source: 911 Call Center
Tree damage was reported around Culpeper. Three trees blew down in the 16900 block of VA-643 North Merrimac Road. A tree and large tree limbs blew down near VA-719 Mountain Lake Road and Bella Pointe Drive.				
<b>ALBEMARLE COUNTY --- 2.4 SSW RIO [38.04, -78.49]</b>				
	07/25/22 14:29 EST		10K	Thunderstorm Wind (EG 50 kt)
	07/25/22 14:29 EST		0	Source: 911 Call Center
Several trees, large tree limbs, and wires blew down in and near the City of Charlottesville.				
<b>ALBEMARLE COUNTY --- 2.2 WNW SHADWELL [38.03, -78.44]</b>				
	07/25/22 14:32 EST		0	Hail (1.75 in)
	07/25/22 14:41 EST		0	Source: Trained Spotter
Hail up to golf ball size was reported in Pantops.				
<b>MADISON COUNTY --- 1.2 W LEON [38.45, -78.17]</b>				
	07/25/22 14:32 EST		3K	Thunderstorm Wind (EG 50 kt)
	07/25/22 14:32 EST		0	Source: 911 Call Center
Tree damage was reported southwest of Reva. Trees and large tree limbs blew down in the 2700 block of VA-607 Ridgeview Road.				
<b>FAUQUIER COUNTY --- 3.0 NNW CATLETT [38.69, -77.64]</b>				
	07/25/22 14:37 EST		3K	Thunderstorm Wind (EG 50 kt)
	07/25/22 14:37 EST		0	Source: 911 Call Center
Trees and wires blew down near Catlett, including along VA-604 Burwell Road in the 8300 block.				
<b>FAUQUIER COUNTY --- 0.5 NE MIDLAND WARRENTON AR [38.59, -77.72]</b>				
	07/25/22 14:40 EST		0.10M	Thunderstorm Wind (MG 58 kt)
	07/25/22 14:40 EST		0	Source: AWOS
A wind gust of 58 knots (67 MPH) was measured by the AWOS at Warrenton Airport. A hangar that had roof damage from a storm earlier in the year had its walls collapse as a result of the wind and prior damage.				
<b>NELSON COUNTY --- 0.3 SSW ADIAL [37.85, -78.82]</b>				
	07/25/22 14:40 EST		4K	Thunderstorm Wind (EG 50 kt)
	07/25/22 14:40 EST		0	Source: 911 Call Center
Tree damage was reported near Woods Mill and Faber. Trees blew down in the 200 block of VA-6 River Road. A tree blew down near the intersection of US-29/VA-6 Thomas Nelson Highway and VA-762 Floyd Lane. A tree blew down on VA-613 Rocky Road near VA-776 Grape Lawn Drive.				
<b>ALBEMARLE COUNTY --- 2.2 SE RIO [38.04, -78.45]</b>				

## Storm Data and Unusual Weather Phenomena - July 2022

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/25/22 14:41 EST		0.10M	Thunderstorm Wind (EG 70 kt)
	07/25/22 14:41 EST		0	Source: Trained Spotter

Dozens of large trees, tree limbs, and wires blew down just east of the City of Charlottesville. Numerous large trees snapped in half in the Pantops area.

### STAFFORD COUNTY --- 0.3 NNE RUBY [38.50, -77.52]

07/25/22 14:58 EST	2K	Thunderstorm Wind (EG 50 kt)
07/25/22 14:58 EST	0	Source: Department of Highways

Tree damage was reported near Shiloh, including in the area of Green Acre Drive.

### ALBEMARLE COUNTY --- 0.4 ESE SCOTTSVILLE [37.80, -78.49]

07/25/22 15:00 EST	1K	Thunderstorm Wind (EG 45 kt)
07/25/22 15:00 EST	0	Source: Fire Department/Rescue

A few small branches were reported down around Scottsville.

### PRINCE WILLIAM COUNTY --- 0.5 SW TRIANGLE [38.55, -77.34]

07/25/22 15:18 EST	2K	Thunderstorm Wind (EG 50 kt)
07/25/22 15:18 EST	0	Source: Department of Highways

Trees blew down near the intersection of US-1 Richmond Highway/Jefferson Davis Highway and VA-619 Joplin Road/Fuller Road.

### PRINCE WILLIAM COUNTY --- 0.5 E DUMFRIES [38.57, -77.32]

07/25/22 15:19 EST	2K	Thunderstorm Wind (EG 50 kt)
07/25/22 15:19 EST	0	Source: Department of Highways

Trees blew down near the intersection of US-1 Richmond Highway/Fraley Boulevard and Possum Point Road.

### PRINCE WILLIAM COUNTY --- 0.9 SSE JOPLIN [38.56, -77.37]

07/25/22 15:23 EST	5K	Thunderstorm Wind (EG 50 kt)
07/25/22 15:23 EST	0	Source: 911 Call Center

Several trees blew down along VA-619 Joplin Road.

### SPOTSYLVANIA COUNTY --- 2.0 SW WILDERNESS CORNER [38.30, -77.72]

07/25/22 15:38 EST	2K	Thunderstorm Wind (EG 50 kt)
07/25/22 15:38 EST	0	Source: 911 Call Center

Tree damage was reported near Cookstown and Spotsylvania Courthouse, including along Wilderness Park Drive.

### STAFFORD COUNTY --- 1.0 SSW HOLLY CORNER [38.36, -77.58]

07/25/22 15:55 EST	2K	Thunderstorm Wind (EG 50 kt)
07/25/22 15:55 EST	0	Source: 911 Call Center

Trees blew down near the intersection of VA-655 Holly Corner Road and Holly Berry Road.

### STAFFORD COUNTY --- 2.4 ENE GLENDIA [38.41, -77.49]

07/25/22 16:05 EST	1K	Thunderstorm Wind (EG 50 kt)
07/25/22 16:05 EST	0	Source: 911 Call Center

Trees and wires blew down near the intersection of Bethany Way and VA-651 Kellog Mill Road.

### KING GEORGE COUNTY --- 0.2 S DAHLGREN [38.33, -77.05]

07/25/22 17:04 EST	2K	Thunderstorm Wind (EG 50 kt)
07/25/22 17:04 EST	0	Source: 911 Call Center

Trees and wires blew down near Dahlgren, including in the area of Rosedale Drive.

**A weak cold front sparked scattered to numerous showers and thunderstorms that resulted in several instances of damaging wind gusts. One storm in particular contained considerable hail and destructive winds just east of the City of Charlottesville.**



## Storm Data and Unusual Weather Phenomena - July 2022

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>FAIRFAX COUNTY --- 0.9 WNW LANGLEY [38.96, -77.18]</b>				
	07/28/22 18:45 EST		1K	Thunderstorm Wind (EG 40 kt)
	07/28/22 18:45 EST		0	Source: Department of Highways
A tree was reported down along Benjamin Street.				
A couple isolated thunderstorms produced minor wind damage.				
<b>WEST VIRGINIA, East</b>				
<b>HAMPSHIRE COUNTY --- 2.7 WSW PURGITSVILLE [39.22, -78.97]</b>				
	07/01/22 10:07 EST		1K	Thunderstorm Wind (EG 50 kt)
	07/01/22 10:07 EST		0	Source: 911 Call Center
Tree damage was reported west of Purgitsville, including on CR-2/1 Mountain View Road near Haggerty Lane.				
<b>HARDY COUNTY --- 1.2 S PURGITSVILLE [39.21, -78.92]</b>				
	07/01/22 10:14 EST		1K	Thunderstorm Wind (EG 50 kt)
	07/01/22 10:14 EST		0	Source: 911 Call Center
Tree damage was reported south of Purgitsville, including on Hickory Hill Road near Deer Lane.				
<b>HAMPSHIRE COUNTY --- 0.4 NNW GLEBE [39.23, -78.85]</b>				
	07/01/22 10:21 EST		2K	Thunderstorm Wind (EG 50 kt)
	07/01/22 10:21 EST		0	Source: 911 Call Center
Tree damage was reported near Sector on CR-8 South Branch River Road.				
<b>BERKELEY COUNTY --- 1.1 S GANOTOWN [39.40, -78.15]</b>				
	07/01/22 11:32 EST		1K	Thunderstorm Wind (EG 50 kt)
	07/01/22 11:32 EST		0	Source: 911 Call Center
Tree damage was reported near Glengary, including near the intersection of CR-7 Back Creek Valley Road and Ethel Lane.				
<b>BERKELEY COUNTY --- 0.5 SSW BUNKER HILL [39.32, -78.05]</b>				
	07/01/22 11:40 EST		12K	Thunderstorm Wind (EG 55 kt)
	07/01/22 11:40 EST		0	Source: 911 Call Center
Tree damage was reported near Ridgeway, including multiple trees and tree limbs that blew down on Lewill Lane. Structural damage was reported to a house when a tree fell on it.				
<b>BERKELEY COUNTY --- 0.8 NNW INWOOD [39.36, -78.05]</b>				
	07/01/22 11:40 EST		2K	Thunderstorm Wind (EG 50 kt)
	07/01/22 11:40 EST		0	Source: 911 Call Center
Tree damage was reported in Inwood, including in the 4300 block of WV-51 Gerrardstown Road.				
<b>BERKELEY COUNTY --- 0.8 ESE NOLLVILLE [39.47, -78.00]</b>				
	07/01/22 11:42 EST		1K	Thunderstorm Wind (EG 50 kt)
	07/01/22 11:42 EST		0	Source: 911 Call Center
Tree damage was reported near Martinsburg, including in the 100 block of CR-13/1 Lost Road.				
<b>BERKELEY COUNTY --- 0.7 N (MRB)SHEPHERD FLD MR [39.41, -77.98]</b>				
	07/01/22 11:45 EST		0	Thunderstorm Wind (MG 56 kt)
	07/01/22 11:45 EST		0	Source: Mesonet
A wind gust of 56 knots (64 MPH) was measured by a mesonet north of Eastern West Virginia Regional Airport (MTGW2).				

## Storm Data and Unusual Weather Phenomena - July 2022

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>JEFFERSON COUNTY --- 0.8 SE MOLER XRDS [39.39, -77.76]</b>				
	07/01/22 12:10 EST		1K	Thunderstorm Wind (EG 50 kt)
	07/01/22 12:10 EST		0	Source: 911 Call Center
Tree damage was reported in Moler Crossroads, including in the 6100 block of CR-28 Bakerton Road.				
<b>HAMPSHIRE COUNTY --- 1.0 SW THREE CHURCHES [39.39, -78.66]</b>				
	07/01/22 13:20 EST		1.50K	Thunderstorm Wind (EG 45 kt)
	07/01/22 13:20 EST		0	Source: 911 Call Center
A tree branch fell onto wires near the intersection of Old Jersey Mountain Road and CR-5 Jersey Mountain Road.				
<b>HAMPSHIRE COUNTY --- 1.7 NNW INTERMONT [39.15, -78.54]</b>				
	07/01/22 13:52 EST		3K	Thunderstorm Wind (EG 50 kt)
	07/01/22 13:52 EST		0	Source: 911 Call Center
Tree damage was reported near Capon Springs, including trees and large tree limbs that blew down along CR-16 Capon Springs Road.				
<b>GRANT COUNTY --- 0.9 S PETERSBURG GRANT ARP [38.99, -79.15]</b>				
	07/01/22 16:50 EST		2K	Thunderstorm Wind (EG 50 kt)
	07/01/22 16:50 EST		0	Source: 911 Call Center
Tree damage was reported near Petersburg, including near the intersection of CR-220/2 Johnson Run Road and Airport Road.				
<b>Several pulse to loosely organized multicell thunderstorms produced localized wind damage.</b>				
<b>BERKELEY COUNTY --- 0.3 SSE HAINESVILLE [39.53, -77.92]</b>				
	07/02/22 16:10 EST		0.50K	Thunderstorm Wind (EG 45 kt)
	07/02/22 16:10 EST		0	Source: Public
A couple tree branches were reported down in Bedington.				
<b>A few severe thunderstorms produced several instances of wind damage ahead of a cold front during the afternoon and evening hours.</b>				
<b>GRANT COUNTY --- 1.6 E GORMANIA [39.28, -79.32]</b>				
	07/12/22 14:05 EST		4K	Thunderstorm Wind (EG 50 kt)
	07/12/22 14:05 EST		0	Source: 911 Call Center
Several trees blew down in the area just west of Mount Storm.				
<b>MINERAL COUNTY --- 0.3 ESE FT ASHBY [39.50, -78.77]</b>				
	07/12/22 14:10 EST		4K	Thunderstorm Wind (EG 50 kt)
	07/12/22 14:10 EST		0	Source: 911 Call Center
Trees and wires blew down in Fort Ashby.				
<b>GRANT COUNTY --- 1.0 NNE MT PISGAH [39.29, -79.16]</b>				
	07/12/22 14:20 EST		1K	Thunderstorm Wind (EG 50 kt)
	07/12/22 14:20 EST		0	Source: Fire Department/Rescue
Tree damage was reported southeast of Hartmansville, including a tree that blew down in the 4100 block of WV-93 Laurel Dale Road.				
<b>GRANT COUNTY --- 1.0 NNW FALLS [39.18, -79.13]</b>				
	07/12/22 14:22 EST		3K	Thunderstorm Wind (EG 50 kt)
	07/12/22 14:22 EST		0	Source: Fire Department/Rescue
Multiple trees blew down along CR-3/3 Greenland Gap Road.				
<b>MINERAL COUNTY --- 1.5 SSW ANTIOCH [39.30, -79.04]</b>				
	07/12/22 14:24 EST		1K	Thunderstorm Wind (EG 50 kt)
	07/12/22 14:24 EST		0	Source: 911 Call Center

## Storm Data and Unusual Weather Phenomena - July 2022

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Tree damage was reported near Antioch, including a tree that blew down near the intersection of CR-9 Knobley Road and Buck Ridge Lane.				
<b>GRANT COUNTY --- 1.7 S MEDLEY [39.16, -79.07]</b>				
	07/12/22 14:28 EST		1K	Thunderstorm Wind (EG 50 kt)
	07/12/22 14:28 EST		0	Source: 911 Call Center
Tree damage was reported near Medley, including a tree that blew down on CR-3/3 Greenland Gap Road near CR-5 Upper Patterson Creek Road.				
<b>HAMPSHIRE COUNTY --- 0.7 NNW PURGITSVILLE [39.24, -78.92]</b>				
	07/12/22 14:30 EST		12K	Thunderstorm Wind (EG 55 kt)
	07/12/22 14:34 EST		0	Source: NWS Storm Survey
Several trees blew down in the Purgitsville area, including along US-220 Purgitsville Pike.				
<b>GRANT COUNTY --- 0.3 WSW JORDAN RUN [39.03, -79.25]</b>				
	07/12/22 14:32 EST		1K	Thunderstorm Wind (EG 50 kt)
	07/12/22 14:32 EST		0	Source: 911 Call Center
Tree damage was reported near Cabins, including a tree that blew down in the 4700 block of CR-28/7 Jordan Run Road.				
<b>HAMPSHIRE COUNTY --- 2.2 NNE GLEBE [39.25, -78.84], 2.3 NNE GLEBE [39.25, -78.83]</b>				
	07/12/22 14:35 EST		0.20M	Tornado (EF0, L: 0.38 mi , W: 30 yd)
	07/12/22 14:36 EST		0	Source: NWS Storm Survey
A brief tornado caused damage at a farm on Arnold Farm Lane . Several snapped trees were noted in a tree-line a couple hundred yards to the west of the farm. An open-faced barn was destroyed; as this occurred, the roof of the barn was projected into the top of a silo, severely damaging the silo. A portion of a roof on another barn was dislodged, and the roof on the farmhouse was peeled up (but not removed).				
<b>HAMPSHIRE COUNTY --- 3.1 S CAMP WICKHAM [39.17, -78.88]</b>				
	07/12/22 14:35 EST		0.15M	Thunderstorm Wind (EG 60 kt)
	07/12/22 14:40 EST		0.15M	Source: NWS Storm Survey
A powerful storm tracked across southern Hampshire County on July 12th, 2022, producing a 23-mile long by 9-mile wide swath of extensive tree and property damage. The vast majority of this damage was associated with a macroburst as a bowing storm and associated rear-inflow jet tracked across the county. Winds within this 9-mile wide swath were estimated to be between 60 and 105 MPH.				
Within Hampshire County, sporadic tree damage was noted as far west as Purgitsville, but more appreciable damage began in the vicinity of the South Branch of the Potomac River several miles to the south of Romney, West Virginia. Significant tree damage associated with the bowing portion of the storm extended south of Arnold Farm Lane along CR-8 South Branch River Road and CR-6 Trough Road for about four miles. Within this stretch of damage, entire corn fields were leveled just to the south of Trough View Road . Dozens of trees were blown down in this area, as well. Wind gusts were estimated to be as high as 70 MPH in this section of the county.				
<b>HAMPSHIRE COUNTY --- 2.1 NNW KIRBY [39.21, -78.74]</b>				
	07/12/22 14:43 EST		1.50K	Thunderstorm Wind (MG 89 kt)
	07/12/22 14:53 EST		0	Source: NWS Storm Survey
A powerful storm tracked across southern Hampshire County on July 12th, 2022, producing a 23-mile long by 9-mile wide swath of extensive tree and property damage. The vast majority of this damage was associated with a macroburst as a bowing storm and associated rear-inflow jet tracked across the county. Winds within this 9-mile wide swath were estimated to be between 60 and 105 MPH.				
The storm progressed into the valley between Nathaniel Mountain and Short Mountain between about 3:43 and 3:53 PM EDT. Extensive tree damage was observed throughout this valley over a several mile long swath extending from north to south. The most extensive damage was observed just north of Kirby. Hundreds of trees were either snapped or uprooted, and a high level of defoliation was observed on any trees that remained due to wind-driven hail. Two-inch diameter hail was observed near Kirby, and accumulating golf ball size hail was observed near Hampshire Gas Company off of Grass Lick Road . Significant hail damage occurred at Hampshire Gas Company. A personal weather station measured a wind gust of 89 knots (102 MPH) just to the north of Hampshire Gas Company, while a weather station on site at Hampshire Gas Company failed in the wind-driven hail. The maximum level of defoliation was noted in the vicinity of where the 102 MPH gust was recorded and where the accumulating golf ball size hail was observed. Most of this area likely observed winds of 75 to 90 MPH, with winds in excess of 100 MPH being localized to near the sensor immediately in the lee of Nathaniel Mountain.				
<b>HAMPSHIRE COUNTY --- 1.9 N KIRBY [39.21, -78.74]</b>				
	07/12/22 14:45 EST		0	Hail (1.75 in)
	07/12/22 14:50 EST		0	Source: NWS Storm Survey

## Storm Data and Unusual Weather Phenomena - July 2022

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Wind-driven, golf ball size hail accumulated at Hampshire Gas Company, damaging vehicles at the facility.				
<b>HAMPSHIRE COUNTY --- 2.1 NNW KIRBY [39.21, -78.74]</b>				
	07/12/22 14:45 EST		0	Hail (2.00 in)
	07/12/22 14:50 EST		0	Source: NWS Storm Survey
Wind-driven, 2-inch diameter hail was reported near Kirby.				
<b>HARDY COUNTY --- 2.3 NW ARKANSAS [39.09, -78.76]</b>				
	07/12/22 14:45 EST		5K	Thunderstorm Wind (EG 55 kt)
	07/12/22 14:45 EST		0	Source: Broadcast Media
Multiple trees blew down along Hemlock Drive and Old Poplar Road.				
<b>HARDY COUNTY --- 3.5 ESE ROCKOAK [39.13, -78.67]</b>				
	07/12/22 14:47 EST		0.50M	Thunderstorm Wind (EG 70 kt)
	07/12/22 14:47 EST		0	Source: 911 Call Center
Dozens of trees blew down in Rio. Several outbuildings were damaged or destroyed.				
<b>GRANT COUNTY --- 0.6 W PETERSBURG [39.00, -79.13]</b>				
	07/12/22 14:50 EST		4K	Thunderstorm Wind (EG 50 kt)
	07/12/22 14:50 EST		0	Source: Emergency Manager
A few trees blew down around the city of Petersburg. A tree blew down on CR-5 Upper Patterson Creek Road near CR-42/8 Seymoursville Road.				
<b>HAMPSHIRE COUNTY --- 3.7 SW DELRAY [39.18, -78.65]</b>				
	07/12/22 14:50 EST		0	Hail (2.00 in)
	07/12/22 14:50 EST		0	Source: NWS Storm Survey
Two inch diameter hail was reported near Delray.				
<b>HAMPSHIRE COUNTY --- 3.7 SW DELRAY [39.18, -78.65]</b>				
	07/12/22 14:50 EST		1.50K	Thunderstorm Wind (EG 85 kt)
	07/12/22 15:00 EST		0	Source: NWS Storm Survey
A powerful storm tracked across southern Hampshire County on July 12th, 2022, producing a 23-mile long by 9-mile wide swath of extensive tree and property damage. The vast majority of this damage was associated with a macroburst as a bowing storm and associated rear-inflow jet tracked across the county. Winds within this 9-mile wide swath were estimated to be between 60 and 105 MPH.				
After the storm progressed over Short Mountain, it moved eastward toward Delray. Within the valley east of Short Mountain, sporadic tree damage was noted as far north as around 4 miles north of Delray, but much more extensive tree damage was observed from Delray southward to Rio (a 5-mile wide swath). This damage was maximized in a community to the west of WV-29 Delray Road about 1.5 miles south of Delray, with extensive damage noted along both Wild Dog Pass and Buck Run. Hundreds of healthy trees were snapped and uprooted within this neighborhood, some of which fell on structures and vehicles. Some roads in this neighborhood were inaccessible due to downed wires and snapped power poles.				
Extensive damage was also noted at a residence just to the south of Wild Dog Pass along WV-29 Delray Road. A load bearing pillar of the house was blown out by the wind, and a large enclosed trailer was blown up and over a vehicle, then about 100 yards down a hill. A nearby barn was blown over, as well, and another nearby home lost part of its roof. Winds in this area were estimated to be between 80 and 100 MPH.				
<b>HAMPSHIRE COUNTY --- 3.5 NNE RIO [39.18, -78.65], 3.6 NNE RIO [39.18, -78.65]</b>				
	07/12/22 14:52 EST		0.10M	Tornado (EF0, L: 0.25 mi , W: 50 yd)
	07/12/22 14:53 EST		0	Source: NWS Storm Survey
A residence on Buck Run had damage that was deemed to be tornadic. Downed trees fell across each other in a few spots on this property, and a video recorded on the property showed a circulation that passed through coinciding with the maximum winds.				
<b>HARDY COUNTY --- 0.4 SE WARDENSVILLE [39.08, -78.59]</b>				
	07/12/22 14:55 EST		50K	Thunderstorm Wind (EG 70 kt)
	07/12/22 14:55 EST		0	Source: 911 Call Center
Dozens of trees were blown down and snapped in the Wardensville area.				

## Storm Data and Unusual Weather Phenomena - July 2022

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>HAMPSHIRE COUNTY --- 0.4 NW CAPON SPGS [39.13, -78.48]</b>				
	07/12/22 14:58 EST		0.25M	Thunderstorm Wind (EG 75 kt)
	07/12/22 15:13 EST		0	Source: NWS Storm Survey
<p>A powerful storm tracked across southern Hampshire County on July 12th, 2022, producing a 23-mile long by 9-mile wide swath of extensive tree and property damage. The vast majority of this damage was associated with a macroburst as a bowing storm and associated rear-inflow jet tracked across the county. Winds within this 9-mile wide swath were estimated to be between 60 and 105 MPH.</p> <p>The storm progressed out of the North River Valley and crossed another range of mountains before progressing into the Cacapon River Valley . Here, numerous trees were snapped and uprooted in Yellow Spring , Capon Lake, and Capon Springs.</p> <p><b>An outbreak of significant severe weather occurred during the afternoon and evening hours of Tuesday, July 12th, 2022. An unseasonably strong cold front interacted with a high instability airmass to result in several bowing lines of thunderstorms, which maintained their organization and intensity due to strong atmospheric wind shear. Swaths of widespread damaging winds were observed, much of which was considerable. A couple of tornadoes were also confirmed, along with some significant hail. A wind gust of over 100 MPH was measured in one of the most powerful storms over eastern West Virginia.</b></p>				
<b>HARDY COUNTY --- 4.2 WNW WARDENSVILLE [39.11, -78.67]</b>				
	07/17/22 13:15 EST		5K	Thunderstorm Wind (EG 50 kt)
	07/17/22 13:15 EST		0	Source: 911 Call Center
<p>Several trees blew down in the area of CR-23/8 Pine Ridge Road and Pine Ridge Extension. A tree blew down on CR-23/9 Dutch Hollow Road one mile south of WV-29 Sperrys Run Road.</p> <p><b>A few thunderstorms produced localized wind damage along a stalling cold front.</b></p>				
<b>BERKELEY COUNTY --- 0.8 WSW BERKELEY [39.50, -77.94]</b>				
	07/18/22 13:28 EST		30K	Thunderstorm Wind (EG 55 kt)
	07/18/22 13:28 EST		0	Source: 911 Call Center
<p>Wind damage was reported near Berkeley. Wires and a poles were knocked over near the intersection of US- 11 Williamsport Pike and Mid Atlantic Parkway . A tree blew down near the intersection of US-11 Williamsport Pike and Weaver Lane. Wires were down near the intersection of Blair Street and Hanshew Lane.</p> <p><b>Several bands of thunderstorms containing damaging winds developed along a cold front.</b></p>				
<b>MINERAL COUNTY --- 1.3 NE SKYLINE [39.33, -79.11]</b>				
	07/23/22 15:27 EST		2K	Thunderstorm Wind (EG 50 kt)
	07/23/22 15:27 EST		0	Source: 911 Call Center
<p>A tree and large tree limbs blew down along US-50 Northwestern Turnpike near the S-curves east of Skyline.</p>				
<b>GRANT COUNTY --- 0.7 ESE CABINS [39.00, -79.21]</b>				
	07/23/22 15:35 EST		3K	Thunderstorm Wind (EG 50 kt)
	07/23/22 15:35 EST		0	Source: 911 Call Center
<p>Trees and power lines blew down on WV-55 North Fork Highway near CR-28/3 Corners Road.</p>				
<b>GRANT COUNTY --- 2.5 NNW PETERSBURG GRANT ARP [39.04, -79.16]</b>				
	07/23/22 15:40 EST		1K	Thunderstorm Wind (EG 50 kt)
	07/23/22 15:40 EST		0	Source: 911 Call Center
<p>Tree damage was reported near Kline Gap, including a tree that blew down near the intersection of CR-7/1 Brick School Road and CR-7 Ridge Road.</p>				
<b>MINERAL COUNTY --- 0.3 NE RIDGEVILLE [39.35, -79.00]</b>				
	07/23/22 15:43 EST		1K	Thunderstorm Wind (EG 50 kt)
	07/23/22 15:43 EST		0	Source: 911 Call Center
<p>Tree damage was reported near Ridgeville, including a tree that blew down in the 7200 block of US-50/US-220 Northwestern Turnpike.</p>				
<b>MINERAL COUNTY --- 1.8 WSW RUSSELLDALE [39.27, -78.96]</b>				

## Storm Data and Unusual Weather Phenomena - July 2022

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/23/22 15:58 EST		1K	Thunderstorm Wind (EG 50 kt)
	07/23/22 15:58 EST		0	Source: 911 Call Center

Tree damage was reported near Burlington, including a tree that blew down near the intersection of CR-11 Upper Patterson Creek Road and CR-11/2 Ed Welsh Road.

### HARDY COUNTY --- 1.5 SSW FISHER [39.03, -79.01]

	07/23/22 15:59 EST		2K	Thunderstorm Wind (EG 50 kt)
	07/23/22 15:59 EST		0	Source: 911 Call Center

Two trees blew down south of Fishers near the South Branch Potomac River on CR-10/2 River Road.

### MINERAL COUNTY --- 2.5 ENE BURLINGTON [39.34, -78.88]

	07/23/22 16:01 EST		2K	Thunderstorm Wind (EG 50 kt)
	07/23/22 16:01 EST		0	Source: 911 Call Center

Tree damage was reported southwest of Headsville, including a tree that blew down onto power lines in the 1200 block of CR-50/9 Rogers Road.

### PENDLETON COUNTY --- 1.1 WNW BRUSHY RUN [38.84, -79.25]

	07/23/22 16:05 EST		1K	Thunderstorm Wind (EG 50 kt)
	07/23/22 16:05 EST		0	Source: 911 Call Center

Tree damage was reported in Brushy Run, including a tree that blew down on US-220 Petersburg Pike near CR-1/3 Brushy Run Road.

### PENDLETON COUNTY --- 0.5 NNW UPPER TRACK [38.79, -79.28]

	07/23/22 16:12 EST		1K	Thunderstorm Wind (EG 50 kt)
	07/23/22 16:12 EST		0	Source: 911 Call Center

Tree damage was reported in Upper Tract, including a tree that blew down onto US-220 Petersburg Pike.

### HARDY COUNTY --- 0.1 WSW OLDFIELDS [39.13, -78.95], 0.8 NNE MC NEILL [39.14, -78.91]

	07/23/22 16:14 EST		10K	Thunderstorm Wind (EG 55 kt)
	07/23/22 16:18 EST		0	Source: 911 Call Center

Several trees blew down near the intersection of US-220/WV-28 Purgitsville Pike and Reynolds Gap Road. A few trees blew down near the intersection of US-220/WV-28 Purgitsville Pike and CR-2 Old Fields Road. A large tree blew down near the intersection of CR-6 Trough Road and Clover Drive.

### HAMPSHIRE COUNTY --- 0.6 ESE SPRINGFIELD [39.45, -78.69]

	07/23/22 16:23 EST		2K	Thunderstorm Wind (EG 50 kt)
	07/23/22 16:23 EST		0	Source: Public

Two trees blew down on CR-3 Springfield Pike near Magnolia Place.

### PENDLETON COUNTY --- 1.6 S FRANKLIN [38.63, -79.33]

	07/23/22 16:28 EST		1K	Thunderstorm Wind (EG 50 kt)
	07/23/22 16:28 EST		0	Source: Trained Spotter

Tree damage was reported south of Franklin, including a tree that blew down at a residence off of CR-220/7 Dickinson Mountain Road.

### HARDY COUNTY --- 0.6 NW INKERMAN [39.14, -78.78]

	07/23/22 16:29 EST		1K	Thunderstorm Wind (EG 50 kt)
	07/23/22 16:29 EST		0	Source: 911 Call Center

Tree damage was reported in Inkerman, including a tree that blew down on CR-1/4 Constable Hollow Road.

### PENDLETON COUNTY --- 2.3 NE FRANKLIN [38.67, -79.30]

	07/23/22 16:31 EST		3K	Thunderstorm Wind (EG 55 kt)
	07/23/22 16:31 EST		0	Source: 911 Call Center

Tree damage was reported northeast of Frankling, including a tree that blew down on US-33 Blue Gray Trail near CR-1 Kiser Gap. Trees and wires also blew down on CR-1 Kiser Gap.

## Storm Data and Unusual Weather Phenomena - July 2022

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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<b>PENDLETON COUNTY --- 2.6 ENE FT SEYBERT [38.70, -79.16]</b>				
	07/23/22 16:36 EST		10K	Thunderstorm Wind (EG 55 kt)
	07/23/22 16:36 EST		0	Source: 911 Call Center
Numerous trees blew down along CR-3 Sweedlin Valley Road.				
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<b>HAMPSHIRE COUNTY --- 1.0 E KIRBY [39.18, -78.71]</b>				
	07/23/22 16:38 EST		10K	Thunderstorm Wind (EG 55 kt)
	07/23/22 16:38 EST		0	Source: 911 Call Center
Numerous trees blew down on CR-7 Ford Hill Road near Kirby.				
<hr/>				
<b>MORGAN COUNTY --- 0.8 NNW HANCOCK [39.69, -78.19]</b>				
	07/23/22 17:12 EST		15K	Thunderstorm Wind (EG 55 kt)
	07/23/22 17:12 EST		0	Source: 911 Call Center
Numerous trees blew down north of Berkeley Springs, including along CR-1 River Road, US-522 Hancock Road, CR-2 Fairview Drive, and CR-4 Pious Ridge Road.				
<b>A cold front sparked showers and thunderstorms, some of which became severe resulting in scattered instances of wind damage.</b>				