

Storm Data and Unusual Weather Phenomena - April 2023

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|--|--------------------|----------------------|------------------------|-------------------------------------|
| ATLANTIC NORTH | | | | |
| CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- (KW29)BAY BRIDGE AIRPORT [38.98, -76.33] | | | | |
| | 04/01/23 18:25 EST | 0 | | Marine Thunderstorm Wind (MG 34 kt) |
| | 04/01/23 18:25 EST | 0 | | Source: AWOS |
| A wind gust of 34 knots (39 MPH) was measured by the AWOS at Bay Bridge Airport in Stevensville (KW29) adjacent to the Chesapeake Bay. | | | | |
| TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- PINEY POINT (PPTM2) [38.13, -76.53] | | | | |
| | 04/01/23 19:00 EST | 0 | | Marine Thunderstorm Wind (EG 48 kt) |
| | 04/01/23 19:06 EST | 0 | | Source: Buoy |
| A thunderstorm produced estimated wind gusts to 48 knots (55 MPH) near the Piney Point NOS sensor (PPTM2). | | | | |
| CHESAPEAKE BAY DRUM PT TO SMITH PT VA COUNTY --- LOWER HOOPER ISLAND (HPR) [38.26, -76.18] | | | | |
| | 04/01/23 19:01 EST | 0 | | Marine Thunderstorm Wind (EG 48 kt) |
| | 04/01/23 19:01 EST | 0 | | Source: Buoy |
| A thunderstorm produced an estimated wind gust to 48 knots (55 MPH) near the Hooper Island WeatherFlow sensor (XHPR). | | | | |
| TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- LEWISSETTA (LWS) [38.00, -76.47] | | | | |
| | 04/01/23 19:12 EST | 0 | | Marine Thunderstorm Wind (MG 54 kt) |
| | 04/01/23 19:12 EST | 0 | | Source: Buoy |
| A wind gust of 54 knots (62 MPH) was measured by one of the Lewisetta NOS sensors (LWS). | | | | |
| TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- LEWISSETTA MD (LWTV2) [38.00, -76.47] | | | | |
| | 04/01/23 19:12 EST | 0 | | Marine Thunderstorm Wind (MG 54 kt) |
| | 04/01/23 19:12 EST | 0 | | Source: Buoy |
| A wind gust of 54 knots (62 MPH) was measured by one of the Lewisetta NOS sensors (LWTV2). | | | | |
| CHESAPEAKE BAY DRUM PT TO SMITH PT VA COUNTY --- POINT LOOKOUT (PTL) [38.04, -76.32] | | | | |
| | 04/01/23 19:14 EST | 0 | | Marine Thunderstorm Wind (MG 51 kt) |
| | 04/01/23 19:14 EST | 0 | | Source: Buoy |
| A wind gust of 51 knots (59 MPH) was measured by the Point Lookout WeatherFlow sensor (XPTL). | | | | |
| A strong cold front resulted in several clusters of thunderstorms that produced strong winds and hail over area waterways. | | | | |
| TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- MONROE CREEK (MON) [38.23, -76.95] | | | | |
| | 04/06/23 16:29 EST | 0 | | Marine Thunderstorm Wind (MG 40 kt) |
| | 04/06/23 16:34 EST | 0 | | Source: Buoy |
| Wind gusts of up to 40 knots (46 MPH) were measured by the Monroe Creek WeatherFlow sensor (XMON). | | | | |
| TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- CUCKOLD CREEK (CCK) [38.31, -76.93] | | | | |
| | 04/06/23 16:35 EST | 0 | | Marine Thunderstorm Wind (MG 35 kt) |
| | 04/06/23 16:35 EST | 0 | | Source: Buoy |
| A wind gust of 35 knots (40 MPH) was measured by the Cuckold Creek WeatherFlow sensor (XCCK). | | | | |
| TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- COBB POINT (COB) [38.24, -76.83] | | | | |
| | 04/06/23 16:45 EST | 0 | | Marine Thunderstorm Wind (MG 40 kt) |
| | 04/06/23 16:50 EST | 0 | | Source: Buoy |
| Wind gusts of up to 40 knots (46 MPH) were measured by the Cobb Point WeatherFlow sensor (XCOB). | | | | |
| TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- (DCA)REAGAN NATIONAL AIRPORT [38.86, -77.03] | | | | |

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|--|--------------------|-------------------|---------------------|-------------------------------------|
| | 04/06/23 17:39 EST | | 0 | Marine Thunderstorm Wind (MG 43 kt) |
| | 04/06/23 17:56 EST | | 0 | Source: ASOS |
| Wind gusts of up to 43 knots (49 MPH) were measured by the ASOS at Ronald Reagan Washington National Airport (KDCA) adjacent to the upper tidal Potomac River. | | | | |
| CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- THOMAS POINT (TPLM2) [38.90, -76.44] | | | | |
| | 04/06/23 17:44 EST | | 0 | Marine Thunderstorm Wind (MG 37 kt) |
| | 04/06/23 17:44 EST | | 0 | Source: Buoy |
| A wind gust of 37 knots (43 MPH) was measured by the Thomas Point NOS sensor (TPLM2). | | | | |
| TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- OCCOQUAN RIVER (OCC) [38.64, -77.22] | | | | |
| | 04/06/23 17:47 EST | | 0 | Marine Thunderstorm Wind (MG 35 kt) |
| | 04/06/23 17:47 EST | | 0 | Source: Buoy |
| A wind gust of 35 knots (40 MPH) was measured by the Occoquan River WeatherFlow sensor (XOCC). | | | | |
| EASTERN BAY COUNTY --- 4.3 SE US-50 (MD040) [38.92, -76.20] | | | | |
| | 04/06/23 17:51 EST | | 0 | Marine Thunderstorm Wind (MG 60 kt) |
| | 04/06/23 17:51 EST | | 0 | Source: Mesonet |
| A wind gust of 60 knot (69 MPH) was measured by a mesonet in Grasonville (EW5728) adjacent to Eastern Bay. | | | | |
| CHESAPEAKE BAY DRUM PT TO SMITH PT VA COUNTY --- LOWER HOOPER ISLAND (HPR) [38.26, -76.18] | | | | |
| | 04/06/23 18:01 EST | | 0 | Marine Thunderstorm Wind (MG 39 kt) |
| | 04/06/23 18:01 EST | | 0 | Source: Buoy |
| A wind gust of 39 knots (45 MPH) was measured by the Hooper Island WeatherFlow sensor (XHPR). | | | | |
| TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- QUANTICO (KNYG) [38.51, -77.30] | | | | |
| | 04/06/23 18:05 EST | | 0 | Marine Thunderstorm Wind (EG 34 kt) |
| | 04/06/23 18:05 EST | | 0 | Source: AWOS |
| A thunderstorm produced an estimated wind gust to 34 knots (39 MPH) near the AWOS at Quantico Marine Base (KNYG) adjacent to the tidal Potomac River. | | | | |
| TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- LEWISSETTA (LWS) [38.00, -76.47] | | | | |
| | 04/06/23 18:18 EST | | 0 | Marine Thunderstorm Wind (EG 34 kt) |
| | 04/06/23 18:18 EST | | 0 | Source: Buoy |
| A thunderstorm produced an estimated wind gust to 34 knots (39 MPH) near one of the Lewissetta NOS sensors (LWS). | | | | |
| TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- LEWISSETTA MD (LWTV2) [38.00, -76.47] | | | | |
| | 04/06/23 18:18 EST | | 0 | Marine Thunderstorm Wind (EG 34 kt) |
| | 04/06/23 18:18 EST | | 0 | Source: Buoy |
| A thunderstorm produced an estimated wind gust to 34 knots (39 MPH) near one of the Lewissetta NOS sensors (LWTV2). | | | | |
| TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- POTOMAC POINT LOOKOUT BUOY (44042) [38.03, -76.34] | | | | |
| | 04/06/23 18:18 EST | | 0 | Marine Thunderstorm Wind (EG 35 kt) |
| | 04/06/23 19:00 EST | | 0 | Source: Buoy |
| Wind gusts of up to 35 knots (40 MPH) were measured by the Lower Potomac/Point Lookout CBIBS sensor (44042). | | | | |
| CHESAPEAKE BAY DRUM PT TO SMITH PT VA COUNTY --- POINT LOOKOUT (PTL) [38.04, -76.32] | | | | |
| | 04/06/23 18:19 EST | | 0 | Marine Thunderstorm Wind (MG 40 kt) |
| | 04/06/23 18:24 EST | | 0 | Source: Buoy |
| Wind gusts of up to 40 knots (46 MPH) were measured by the Point Lookout WeatherFlow sensor (XPTL). | | | | |
| TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY --- BISHOPS HEAD (BISM2) [38.22, -76.04] | | | | |

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| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|----------|--------------------|-------------------|---------------------|-------------------------------------|
| | 04/06/23 18:24 EST | | 0 | Marine Thunderstorm Wind (EG 34 kt) |
| | 04/06/23 18:24 EST | | 0 | Source: Buoy |

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

A cold front spawned several thunderstorms that resulted in up to near hurricane force wind gusts over area waterways.

| TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- (DCA)REAGAN NATIONAL AIRPORT [38.86, -77.03] | | | | |
|--|--------------------|--|---|-------------------------------------|
| | 04/17/23 00:24 EST | | 0 | Marine Thunderstorm Wind (EG 34 kt) |
| | 04/17/23 00:24 EST | | 0 | Source: ASOS |

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

| TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- NATIONALS PARK (WSHNP) [38.87, -77.01] | | | | |
|--|--------------------|--|---|-------------------------------------|
| | 04/17/23 00:45 EST | | 0 | Marine Thunderstorm Wind (EG 34 kt) |
| | 04/17/23 00:45 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.

| CHOPTANK RIVER TO CAMBRIDGE MD AND THE LITTLE CHOPTANK RIVER COUNTY --- 3.3 ENE TILGHMAN ES (TILHM) [38.72, -76.28] | | | | |
|---|--------------------|--|---|-------------------------------------|
| | 04/17/23 01:20 EST | | 0 | Marine Thunderstorm Wind (MG 36 kt) |
| | 04/17/23 01:20 EST | | 0 | Source: Mesonet |

A wind gust of 36 knots (41 MPH) was measured by a mesonet near the intersection of Bozman Neavitt Road and Masons Road adjacent to the tidal Choptank River.

A cold front produced a squall that resulted in a few wind gusts to gale force.

| TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- QUANTICO (KNYG) [38.51, -77.30] | | | | |
|--|--------------------|--|---|-------------------------------------|
| | 04/22/23 12:37 EST | | 0 | Marine Thunderstorm Wind (EG 34 kt) |
| | 04/22/23 12:39 EST | | 0 | Source: AWOS |

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

| TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- OCCOQUAN RIVER (OCC) [38.64, -77.22] | | | | |
|---|--------------------|--|---|-------------------------------------|
| | 04/22/23 12:47 EST | | 0 | Marine Thunderstorm Wind (MG 38 kt) |
| | 04/22/23 12:52 EST | | 0 | Source: Buoy |

Wind gusts of up to 38 knots (44 MPH) were measured by the Occoquan River WeatherFlow sensor (XOCC).

| TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- TOWER 70 (T70) [38.33, -77.02] | | | | |
|---|--------------------|--|---|-------------------------------------|
| | 04/22/23 13:03 EST | | 0 | Marine Thunderstorm Wind (MG 38 kt) |
| | 04/22/23 13:03 EST | | 0 | Source: Buoy |

A wind gust of 38 knots (44 MPH) was measured by the Tower 70 WeatherFlow sensor (XT70).

| TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- BABER POINT (BAB) [38.31, -77.03] | | | | |
|--|--------------------|--|---|-------------------------------------|
| | 04/22/23 13:07 EST | | 0 | Marine Thunderstorm Wind (MG 38 kt) |
| | 04/22/23 13:07 EST | | 0 | Source: Buoy |

A wind gust of 38 knots (44 MPH) was measured by the Baber Point WeatherFlow sensor (XBAB).

| TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- (DCA)REAGAN NATIONAL AIRPORT [38.86, -77.03] | | | | |
|--|--------------------|--|---|-------------------------------------|
| | 04/22/23 13:08 EST | | 0 | Marine Thunderstorm Wind (MG 38 kt) |
| | 04/22/23 13:08 EST | | 0 | Source: ASOS |

A wind gust of 38 knots (44 MPH) was measured by the ASOS at Ronald Reagan Washington National Airport (KDCA) adjacent to the upper tidal Potomac River.

| TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- 3.8 SSE OCCOQUAN RIVER (OCC) [38.59, -77.19] | | | | |
|---|--|--|--|--|
|---|--|--|--|--|

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| | 04/22/23 13:10 EST | | 0 | Marine Thunderstorm Wind (MG 41 kt) |
| | 04/22/23 13:15 EST | | 0 | Source: Mesonet |

Wind gusts of up to 41 knots (47 MPH) were measured by a mesonet on Water Tower Way adjacent to the tidal Potomac River.

TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- 1.4 ENE UPPER POTOMAC BUOY (44061) [38.80, -77.01]

| | | |
|--------------------|---|-------------------------------------|
| 04/22/23 13:10 EST | 0 | Marine Thunderstorm Wind (EG 34 kt) |
| 04/22/23 13:10 EST | 0 | Source: Mesonet |

A thunderstorm produced an estimated wind gust to 34 knots (39 MPH) near a mesonet at the I-95/I-495 Capital Beltway and I-295 Interchange (MD062).

TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- NATIONALS PARK (WSHNP) [38.87, -77.01]

| | | |
|--------------------|---|-------------------------------------|
| 04/22/23 13:10 EST | 0 | Marine Thunderstorm Wind (EG 34 kt) |
| 04/22/23 13:10 EST | 0 | Source: Mesonet |

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

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

| | | |
|--------------------|---|-------------------------------------|
| 04/22/23 13:11 EST | 0 | Marine Thunderstorm Wind (MG 38 kt) |
| 04/22/23 13:11 EST | 0 | Source: Buoy |

A wind gust of 38 knots (44 MPH) was measured by the Potomac Light 33 WeatherFlow sensor (XLT3).

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

| | | |
|--------------------|---|-------------------------------------|
| 04/22/23 13:12 EST | 0 | Marine Thunderstorm Wind (MG 36 kt) |
| 04/22/23 13:12 EST | 0 | Source: Buoy |

A wind gust of 36 knots (41 MPH) was measured by the Pylons Dahlgren WeatherFlow sensor (XPYL).

TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- HOFFMAN-BOSTON ES (ARLNN) [38.86, -77.07]

| | | |
|--------------------|---|-------------------------------------|
| 04/22/23 13:15 EST | 0 | Marine Thunderstorm Wind (MG 39 kt) |
| 04/22/23 13:15 EST | 0 | Source: Mesonet |

A wind gust of 39 knots (45 MPH) was measured by a mesonet at Hoffman-Boston Elementary School (ARLNN) adjacent to the upper tidal Potomac River.

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

| | | |
|--------------------|---|-------------------------------------|
| 04/22/23 13:19 EST | 0 | Marine Thunderstorm Wind (EG 34 kt) |
| 04/22/23 13:19 EST | 0 | Source: Buoy |

A thunderstorm produced an estimated wind gust to 34 knots (39 MPH) near the Monroe Creek WeatherFlow sensor (XMON).

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

| | | |
|--------------------|---|-------------------------------------|
| 04/22/23 13:30 EST | 0 | Marine Thunderstorm Wind (MG 34 kt) |
| 04/22/23 13:30 EST | 0 | Source: Buoy |

A wind gust of 34 knots (39 MPH) was measured by the Cobb Point WeatherFlow sensor (XCOB).

PATAPSCO RIVER INCLUDING BALTIMORE HARBOR COUNTY --- HAMPSTEAD HILL ACADEMY (BLMH) [39.29, -76.58]

| | | |
|--------------------|---|-------------------------------------|
| 04/22/23 14:05 EST | 0 | Marine Thunderstorm Wind (MG 37 kt) |
| 04/22/23 14:05 EST | 0 | Source: Mesonet |

A wind gust of 37 knots (43 MPH) was measured by a mesonet at Hampstead Hill Academy (BLMH) adjacent to the tidal Patapsco River.

PATAPSCO RIVER INCLUDING BALTIMORE HARBOR COUNTY --- MARYLAND SCIENCE CENTER (BLMRE) [39.28, -76.61]

| | | |
|--------------------|---|-------------------------------------|
| 04/22/23 14:05 EST | 0 | Marine Thunderstorm Wind (MG 37 kt) |
| 04/22/23 14:05 EST | 0 | Source: Mesonet |

A wind gust of 37 knots (43 MPH) was measured by a mesonet at Maryland Science Center (BLMRE) adjacent to the tidal Patapsco River.

CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- SAUNDERS POINT LIGHT [38.88, -76.48]

| | | |
|--------------------|---|-------------------------------------|
| 04/22/23 14:11 EST | 0 | Marine Thunderstorm Wind (EG 34 kt) |
| 04/22/23 14:11 EST | 0 | Source: Buoy |

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|----------|-----------|-------------------|---------------------|------------------------|

A thunderstorm produced an estimated wind gust to 34 knots (39 MPH) near the Saunders Point Light WeatherFlow sensor (XMTR).

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

| | | |
|--------------------|---|-------------------------------------|
| 04/22/23 14:15 EST | 0 | Marine Thunderstorm Wind (EG 34 kt) |
| 04/22/23 14:15 EST | 0 | Source: Buoy |

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

CHESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY --- GOOSSES REEF BUOY (44062) [38.56, -76.41]

| | | |
|--------------------|---|-------------------------------------|
| 04/22/23 14:18 EST | 0 | Marine Thunderstorm Wind (EG 34 kt) |
| 04/22/23 14:18 EST | 0 | Source: Buoy |

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

CHESAPEAKE BAY POOLES IS TO SANDY PT MD COUNTY --- 2.0 NNW HART MILLER ISLAND (HRT) [39.28, -76.38]

| | | |
|--------------------|---|-------------------------------------|
| 04/22/23 14:20 EST | 0 | Marine Thunderstorm Wind (EG 34 kt) |
| 04/22/23 14:20 EST | 0 | Source: Mesonet |

A thunderstorm produced an estimated wind gust to 34 knots (39 MPH) near a mesonet on Breezy Point Court adjacent to the Chesapeake Bay.

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

| | | |
|--------------------|---|-------------------------------------|
| 04/22/23 14:23 EST | 0 | Marine Thunderstorm Wind (MG 38 kt) |
| 04/22/23 14:28 EST | 0 | Source: Buoy |

Wind gusts of up to 38 knots (44 MPH) were measured by the Seneca Creek WeatherFlow sensor (XSNC).

CHESAPEAKE BAY POOLES IS TO SANDY PT MD COUNTY --- HART MILLER ISLAND (HRT) [39.25, -76.37]

| | | |
|--------------------|---|-------------------------------------|
| 04/22/23 14:27 EST | 0 | Marine Thunderstorm Wind (EG 34 kt) |
| 04/22/23 14:27 EST | 0 | Source: Buoy |

A thunderstorm produced an estimated wind gust to 34 knots (39 MPH) near the Hart Miller WeatherFlow sensor (XHRT).

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

| | | |
|--------------------|---|-------------------------------------|
| 04/22/23 14:42 EST | 0 | Marine Thunderstorm Wind (EG 34 kt) |
| 04/22/23 14:42 EST | 0 | Source: Buoy |

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

CHOPTANK RIVER TO CAMBRIDGE MD AND THE LITTLE CHOPTANK RIVER COUNTY --- 6.4 WSW HORN POINT LAB (HPLWS) [38.55, -76.24]

| | | |
|--------------------|---|-------------------------------------|
| 04/22/23 14:45 EST | 0 | Marine Thunderstorm Wind (EG 34 kt) |
| 04/22/23 14:45 EST | 0 | Source: Mesonet |

A thunderstorm produced an estimated wind gust to 34 knots (39 MPH) near a mesonet in Cambridge adjacent to the tidal Choptank River.

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

| | | |
|--------------------|---|-------------------------------------|
| 04/22/23 15:12 EST | 0 | Marine Thunderstorm Wind (EG 34 kt) |
| 04/22/23 15:17 EST | 0 | Source: Buoy |

A thunderstorm produced estimated wind gusts to 34 knots (39 MPH) near the Raccoon Point WeatherFlow sensor (XRAC).

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

| | | |
|--------------------|---|-------------------------------------|
| 04/22/23 15:56 EST | 0 | Marine Thunderstorm Wind (EG 34 kt) |
| 04/22/23 15:56 EST | 0 | Source: Buoy |

A thunderstorm produced an estimated wind gust to 34 knots (39 MPH) near the Crisfield WeatherFlow sensor (XCRS).

A cold front produced strong to severe thunderstorms resulting in gusty winds over area waterways.

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| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|---------------------------------------|--------------------|-------------------|---------------------|------------------------|
| (DC-Z001) DISTRICT OF COLUMBIA | | | | |
| | 04/01/23 18:00 EST | | 0 | High Wind (MAX 56 kt) |
| | 04/01/23 23:00 EST | | 0 | |

A period of damaging high gradient winds developed across the region in wake of a strong cold front, resulting in numerous downed trees and power lines.

| | | | | |
|---|--------------------|--|----|------------------------------|
| DISTRICT OF COLUMBIA COUNTY --- 1.1 WNW TENLEYTOWN [38.95, -77.09] | | | | |
| | 04/22/23 13:02 EST | | 1K | Thunderstorm Wind (EG 43 kt) |
| | 04/22/23 13:02 EST | | 0 | Source: 911 Call Center |

A tree was reported down in the 4500 block of Fessenden Street Northwest.

A strong cold front produced a line of thunderstorms that resulted in widely scattered damaging straight-line wind gusts and a couple tornadoes.

MARYLAND, Central

| | | | | |
|---|--------------------|--|---|-----------------------|
| (MD-Z001) GARRETT, (MD-Z003) WASHINGTON, (MD-Z004) FREDERICK, (MD-Z008) CECIL, (MD-Z011) SOUTHERN BALTIMORE, (MD-Z013) PRINCE GEORGES, (MD-Z014) ANNE ARUNDEL, (MD-Z501) EXTREME WESTERN ALLEGANY, (MD-Z504) CENTRAL AND SOUTHEAST MONTGOMERY, (MD-Z508) SOUTHEAST HARFORD | | | | |
| | 04/01/23 07:00 EST | | 0 | High Wind (MAX 59 kt) |
| | 04/02/23 01:00 EST | | 0 | |

A period of damaging high gradient winds developed across the region in wake of a strong cold front, resulting in numerous downed trees and power lines.

| | | | | |
|--|--------------------|--|---|-------------------------|
| BALTIMORE COUNTY --- 0.5 E JACKSONVILLE [39.52, -76.56] | | | | |
| | 04/01/23 17:20 EST | | 0 | Hail (1.00 in) |
| | 04/01/23 17:20 EST | | 0 | Source: Trained Spotter |

Quarter size hail was reported in Jacksonville.

| | | | | |
|--|--------------------|--|----|------------------------------|
| HARFORD COUNTY --- 0.1 E STREET [39.67, -76.38] | | | | |
| | 04/01/23 17:20 EST | | 7K | Thunderstorm Wind (EG 52 kt) |
| | 04/01/23 17:20 EST | | 0 | Source: Public |

Trees blew down onto a vehicle and there was minor structural damage to a roof top in Street.

| | | | | |
|--|--------------------|--|----|------------------------------|
| CECIL COUNTY --- 0.5 ESE RISING SUN [39.70, -76.06] | | | | |
| | 04/01/23 17:30 EST | | 5K | Thunderstorm Wind (EG 52 kt) |
| | 04/01/23 17:30 EST | | 0 | Source: 911 Call Center |

There were several calls for trees blown down in the Rising Sun area.

| | | | | |
|--|--------------------|--|----|------------------------------|
| CECIL COUNTY --- 0.6 W WOODLAWN [39.63, -76.08] | | | | |
| | 04/01/23 17:32 EST | | 6K | Thunderstorm Wind (EG 52 kt) |
| | 04/01/23 17:32 EST | | 0 | Source: Emergency Manager |

There were several calls for trees and power lines blown down around Woodlawn , including on Principio Road, Jackson Park Road, and Liberty Grove Road.

| | | | | |
|---|--------------------|--|---|----------------|
| CECIL COUNTY --- 1.6 W CALVERT [39.70, -76.01] | | | | |
| | 04/01/23 17:34 EST | | 0 | Hail (1.75 in) |
| | 04/01/23 17:34 EST | | 0 | Source: Public |

Hail up to golf ball size was reported in Plumpton Park Zoo.

| | | | | |
|---|--|--|--|--|
| CECIL COUNTY --- 1.6 W CALVERT [39.70, -76.01], 0.9 NW PLEASANT HILL [39.68, -75.91] | | | | |
|---|--|--|--|--|

Storm Data and Unusual Weather Phenomena - April 2023

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|----------|--------------------|-------------------|---------------------|---------------------------------------|
| | 04/01/23 17:34 EST | | 1M | Tornado (EF1, L: 5.49 mi , W: 125 yd) |
| | 04/01/23 17:41 EST | | 0 | Source: NWS Storm Survey |

A severe thunderstorm produced an EF1 tornado just east of Rising Sun, MD in Cecil County Saturday evening April 1 2023 between 6:34 PM and 6:41 PM EDT. The severe thunderstorm formed as a result of a multi-cell cluster of thunderstorms that formed ahead of a cold front passage late Saturday afternoon. As the cell moved east of Rising Sun, it began to show signs of rotation.

The tornado touched down in Plumpton Park Zoo, downing a few dozen trees. It then proceeded to near the village of Calvert, just east of Chandlee Road and its intersection with Telegraph Road /MD-273 where three wooden power poles were snapped. The tornado continued to move east along Telegraph Road and caused uprooted and snapped hardwood and softwood trees near Rosebank United Methodist Church. The tornado then moved to the southeast and resulted in extensive tree and minor structural damage in the vicinity of Calvert Regional Park, Cecil Arena, and Rising Sun High School. Over 100 trees were damaged in this area with numerous softwood and hardwood trees being uprooted and snapped. The area was littered with small tree debris. Damage to fencing was observed along with shingles being removed, soffit, fascia, and siding damaged, and other minor structural damage to homes and businesses. At the Calvert Regional Park, portable toilets were broken into several smaller parts and moved more than 300 yards into fields to the north of the storm's track. Also, off North East Road, a wooden power pole was snapped along with several trees downed and a sign blown off the Cecil Arena. The tornado moved further east toward Dr. Miller Road where a small barn collapsed and was moved approximately 50 yards into a field as a result. Additional softwood and hardwood trees were uprooted and snapped along Blue Ball Road with two sheds being moved approximately 100 yards into a field. As the tornado moved to the northeast and began to occlude, additional hardwood and softwood trees were uprooted and snapped between Blue Ball Road and Telegraph Road.

The Federal Aviation Administration's Terminal Doppler Weather Radar in Pennsauken Township, NJ depicted a tight velocity couplet that corresponded to the path of the damage described above.

Additional scattered tree damage in northern Cecil County, MD was determined to be caused by straight-line winds.

CECIL COUNTY --- 0.1 SW AIKIN [39.57, -76.07]

| | | |
|--------------------|-----|------------------------------|
| 04/01/23 17:35 EST | 12K | Thunderstorm Wind (EG 56 kt) |
| 04/01/23 17:35 EST | 0 | Source: Emergency Manager |

There were numerous calls for trees and power lines blown down along roadways north and east of Perryville, including on MD-222 Perryville Road, Jackson Station Road, Saint Marks Church Road, and Tiller Farm Lane.

CECIL COUNTY --- 1.2 WSW SYLMAR [39.71, -76.05]

| | | |
|--------------------|---|----------------|
| 04/01/23 17:35 EST | 0 | Hail (1.50 in) |
| 04/01/23 17:35 EST | 0 | Source: Public |

Ping pong ball size hail was reported just northeast of Rising Sun.

HARFORD COUNTY --- 1.0 WNW SWAN CREEK [39.53, -76.15]

| | | |
|--------------------|-----|--------------------------------|
| 04/01/23 17:36 EST | 10K | Thunderstorm Wind (EG 52 kt) |
| 04/01/23 17:36 EST | 0 | Source: Fire Department/Rescue |

Trees blew down between Aberdeen and Havre de Grace, including one onto a house on Locust Street.

HARFORD COUNTY --- 0.9 SE HAVRE DE GRACE [39.54, -76.09]

| | | |
|--------------------|---|----------------|
| 04/01/23 17:39 EST | 0 | Hail (1.50 in) |
| 04/01/23 17:39 EST | 0 | Source: Public |

Ping pong ball size hail was reported in Havre de Grace.

CECIL COUNTY --- 1.3 WNW EDER [39.63, -75.92]

| | | |
|--------------------|----|------------------------------|
| 04/01/23 17:40 EST | 4K | Thunderstorm Wind (EG 56 kt) |
| 04/01/23 17:40 EST | 0 | Source: Emergency Manager |

There were several calls for trees blown down onto roadways north of North East, including near the intersections of Stevenson Road and Mechanics Valley Road, and in the 300 block of Red Toad Road.

CECIL COUNTY --- 0.7 SSW CHILDS [39.64, -75.88]

| | | |
|--------------------|----|------------------------------|
| 04/01/23 17:43 EST | 2K | Thunderstorm Wind (EG 52 kt) |
| 04/01/23 17:43 EST | 0 | Source: Trained Spotter |

Multiple trees blew down along MD-213 Singerly Road.

Storm Data and Unusual Weather Phenomena - April 2023

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|---|--------------------|-------------------|---------------------|------------------------------|
| CECIL COUNTY --- 0.8 WSW BACON HILL [39.60, -75.91] | | | | |
| | 04/01/23 17:45 EST | | 0 | Thunderstorm Wind (MG 62 kt) |
| | 04/01/23 17:45 EST | | 0 | Source: Mesonet |
| A wind gust of 62 knots (71 MPH) was measured by a mesonet at the North East Landfill (DE052). | | | | |
| CALVERT COUNTY --- 0.9 NW APPEAL [38.38, -76.46] | | | | |
| | 04/01/23 18:43 EST | | 6K | Thunderstorm Wind (EG 56 kt) |
| | 04/01/23 18:43 EST | | 0 | Source: Trained Spotter |
| Multiple trees blew down on the south side of Lusby. | | | | |
| ST. MARY'S COUNTY --- 0.8 W PATUXENT RIVER [38.28, -76.41] | | | | |
| | 04/01/23 18:50 EST | | 0 | Thunderstorm Wind (MG 61 kt) |
| | 04/01/23 18:50 EST | | 0 | Source: ASOS |
| A wind gust of 61 knots (70 MPH) was measured by the ASOS at Patuxent River Naval Air Station (KNHK). | | | | |
| ST. MARY'S COUNTY --- 0.9 SW CALIFORNIA [38.29, -76.51] | | | | |
| | 04/01/23 18:53 EST | | 0 | Hail (1.00 in) |
| | 04/01/23 18:53 EST | | 0 | Source: Trained Spotter |
| Quarter size hail was reported in California. | | | | |
| ST. MARY'S COUNTY --- 0.1 S BEACHVILLE [38.15, -76.42] | | | | |
| | 04/01/23 19:07 EST | | 0 | Thunderstorm Wind (MG 55 kt) |
| | 04/01/23 19:07 EST | | 0 | Source: ASOS |
| A wind gust of 55 knots (63 MPH) was measured by the ASOS at Webster Field/Saint Inigoes (KNUI). | | | | |
| A line of thunderstorms developed along a strong cold front near and east of I-95 from northeastern to southern Maryland. An embedded supercell spawned an EF-1 tornado over Cecil County, and there were numerous instances of wind damage as a result of straight-line winds of up to around 70 MPH. | | | | |
| CHARLES COUNTY --- 2.1 SSE OLIVERS SHOP [38.45, -76.87] | | | | |
| | 04/06/23 16:38 EST | | 10K | Thunderstorm Wind (EG 56 kt) |
| | 04/06/23 16:38 EST | | 0 | Source: Emergency Manager |
| Numerous trees blew down along Trinity Church Road. | | | | |
| ST. MARY'S COUNTY --- 0.8 WNW CHARLOTTE HALL [38.48, -76.79] | | | | |
| | 04/06/23 16:45 EST | | 0 | Hail (1.25 in) |
| | 04/06/23 16:45 EST | | 0 | Source: Public |
| Half dollar size hail was reported in Charlotte Hall. | | | | |
| CHARLES COUNTY --- 0.3 S DUBOIS [38.48, -76.83] | | | | |
| | 04/06/23 16:47 EST | | 25K | Thunderstorm Wind (EG 61 kt) |
| | 04/06/23 16:47 EST | | 0 | Source: Public |
| Numerous trees blew down near the intersection of MD-6 Charles Street and Round Hill Road. Several older structures suffered some damage to exterior walls/roofs. | | | | |
| ST. MARY'S COUNTY --- 0.5 SSE OAKS [38.49, -76.78] | | | | |
| | 04/06/23 16:48 EST | | 0 | Hail (1.75 in) |
| | 04/06/23 16:48 EST | | 0 | Source: Emergency Manager |
| There were multiple reports of golf ball size hail between Charlotte Hall and Hughesville. | | | | |
| CHARLES COUNTY --- 0.1 WSW HUGHESVILLE [38.53, -76.78] | | | | |

Storm Data and Unusual Weather Phenomena - April 2023

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|----------|--------------------|-------------------|---------------------|--------------------------------|
| | 04/06/23 16:54 EST | | 0.10M | Hail (1.75 in) |
| | 04/06/23 16:54 EST | | 0 | Source: Fire Department/Rescue |

There was damage to siding and dented cars due to wind-driven hail.

CHARLES COUNTY --- 0.6 N LOVES [38.54, -76.73]

| | | |
|--------------------|---|-------------------------|
| 04/06/23 16:58 EST | 0 | Hail (1.00 in) |
| 04/06/23 16:58 EST | 0 | Source: Trained Spotter |

Quarter size hail was reported southwest of Eagle Harbor.

ST. MARY'S COUNTY --- 0.9 SSW LEONARDTOWN [38.29, -76.64]

| | | |
|--------------------|---|-------------------------|
| 04/06/23 17:05 EST | 0 | Hail (1.75 in) |
| 04/06/23 17:05 EST | 0 | Source: Trained Spotter |

Hail up to golf ball size was reported in Leonardtown.

ST. MARY'S COUNTY --- 1.4 SSW LNRDTWN ST MARYS ARP [38.30, -76.56]

| | | |
|--------------------|---|-------------------------|
| 04/06/23 17:11 EST | 0 | Hail (1.00 in) |
| 04/06/23 17:11 EST | 0 | Source: Trained Spotter |

Quarter size hail was reported south of Hollywood.

MONTGOMERY COUNTY --- 0.1 W GLEN ECHO [38.97, -77.13]

| | | |
|--------------------|----|------------------------------|
| 04/06/23 17:25 EST | 3K | Thunderstorm Wind (EG 50 kt) |
| 04/06/23 17:25 EST | 0 | Source: Public |

Trees and wires blew down near Glen Echo and Cabin John.

ST. MARY'S COUNTY --- (NHK)NAS PATUXENT RI [38.28, -76.43]

| | | |
|--------------------|---|------------------------------|
| 04/06/23 17:29 EST | 0 | Thunderstorm Wind (MG 53 kt) |
| 04/06/23 17:29 EST | 0 | Source: ASOS |

A wind gust of 53 knots (61 MPH) was measured by the ASOS at Patuxent River Naval Air Station (KNHK).

PRINCE GEORGE'S COUNTY --- 1.4 ENE BERWYN [38.99, -76.91]

| | | |
|--------------------|----|------------------------------|
| 04/06/23 17:40 EST | 4K | Thunderstorm Wind (EG 52 kt) |
| 04/06/23 17:40 EST | 0 | Source: Public |

Trees, branches, and wires blew down near Berwyn Heights and College Park.

A cold front spawned several severe thunderstorms that resulted in localized hail and wind damage.

CARROLL COUNTY --- 0.7 S UNIONTOWN [39.59, -77.12]

| | | |
|--------------------|---|-------------------------|
| 04/15/23 10:52 EST | 0 | Hail (1.00 in) |
| 04/15/23 10:52 EST | 0 | Source: Trained Spotter |

Quarter size hail was reported in Uniontown.

BALTIMORE COUNTY --- 0.8 SE GLYNDON [39.46, -76.81]

| | | |
|--------------------|---|-------------------------|
| 04/15/23 12:36 EST | 0 | Hail (1.25 in) |
| 04/15/23 12:36 EST | 0 | Source: Trained Spotter |

Hail up to half dollar size was reported in Reisterstown.

ANNE ARUNDEL COUNTY --- 1.8 SSE RUTLAND [38.95, -76.62]

| | | |
|--------------------|----|------------------------------|
| 04/15/23 15:05 EST | 1K | Thunderstorm Wind (EG 50 kt) |
| 04/15/23 15:05 EST | 0 | Source: 911 Call Center |

Tree damage was reported near Riva, including a tree that blew down near the intersection of Governor Bridge Road and Blackberry Lane.

A few thunderstorms under an upper-level low produced localized marginally severe hail.

Storm Data and Unusual Weather Phenomena - April 2023

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|---|--------------------|-------------------|---------------------|--------------------------------------|
| MONTGOMERY COUNTY --- 1.4 SE POOLESVILLE [39.14, -77.40], 1.4 ESE POOLESVILLE [39.14, -77.40] | | | | |
| | 04/22/23 12:58 EST | | 30K | Tornado (EF0, L: 0.44 mi , W: 50 yd) |
| | 04/22/23 12:59 EST | | 0 | Source: NWS Storm Survey |
| <p>On Saturday afternoon at 1:58 PM EDT, an EF-0 tornado touched down in Poolesville, MD. This tornado was brief, only being on the ground until 1:59 PM EDT. It had estimated 75 MPH winds with a path length of 0.4 miles and path width approximately 50 yards.</p> <p>Damage was sporadic along its path. The first evidence of damage was near the intersection of Fisher Avenue and Spates Hill Road , where a residence in the 17000 block of Spates Hill Road had three cedar trees blown down in a unidirectional orientation. This was likely the rear flank downdraft of the storm that initiated the formation of the tornado..</p> <p>The first evidence of tornadic damage was in the 17100 block of Campbell Farm Road. Here, several single family home residences suffered tree damage , with downed and snapped trees, along with an air conditioning unit and a temporary metal trailer moved from their foundations.</p> <p>The tornado briefly lifted before producing damage to trees near the intersection of Wootton Avenue and Hempstone Court . Here, large limbs of trees were snapped in different directions, along with trees being uprooted in a direction opposite of the storm motion.</p> <p>The tornado briefly lifted, before touching down again for the final time at the interface between the western portion of L.M. Stevens Park and the backyards of several single family homes along the 19100 block of Dowden Circle. Here, there were two softwood trees uprooted falling to the northwest, with another softwood tree snapped. One utility shed was damaged by a tree that fell onto it. One home incurred damage with a large limb that blew onto the deck. A wooden fence was blown over to the northwest. Leaf debris was observed on all four sides of one of the residences. An apple tree was snapped, with the losse top coming to rest towards the east, which was the opposite direction of other damage in that immediate area.</p> | | | | |
| MONTGOMERY COUNTY --- 0.9 N SOMERSET [38.96, -77.10] | | | | |
| | 04/22/23 13:02 EST | | 1K | Thunderstorm Wind (EG 50 kt) |
| | 04/22/23 13:02 EST | | 0 | Source: 911 Call Center |
| <p>Tree damage was reported in Somerset, including a tree that blew down near the intersection of Little Falls Parkway and MD-190 River Road.</p> | | | | |
| MONTGOMERY COUNTY --- 1.3 ESE SENECA [39.07, -77.31] | | | | |
| | 04/22/23 13:03 EST | | 3K | Thunderstorm Wind (EG 52 kt) |
| | 04/22/23 13:03 EST | | 0 | Source: 911 Call Center |
| <p>Wires and tree branches blew down in the 14800 block of Pettit Way.</p> | | | | |
| MONTGOMERY COUNTY --- 0.8 SW BUCK LODGE [39.19, -77.34] | | | | |
| | 04/22/23 13:05 EST | | 1K | Thunderstorm Wind (EG 50 kt) |
| | 04/22/23 13:05 EST | | 0 | Source: 911 Call Center |
| <p>Tree damage was reported near Boyds, including a tree that blew down near the intersection of Old Bucklodge Lane and MD-117 Bucklodge Road.</p> | | | | |
| CHARLES COUNTY --- 0.4 NNE LA PLATA [38.54, -76.98] | | | | |
| | 04/22/23 13:07 EST | | 3K | Thunderstorm Wind (EG 52 kt) |
| | 04/22/23 13:07 EST | | 0 | Source: 911 Call Center |
| <p>There were three calls for trees down around La Plata.</p> | | | | |
| PRINCE GEORGE'S COUNTY --- 0.0 N PALMER PARK [38.92, -76.87] | | | | |
| | 04/22/23 13:22 EST | | 6K | Thunderstorm Wind (EG 52 kt) |
| | 04/22/23 13:22 EST | | 0 | Source: 911 Call Center |
| <p>There were three calls for trees and power lines down near Landover.</p> | | | | |
| CARROLL COUNTY --- 1.5 N KEYSVILLE [39.65, -77.27] | | | | |
| | 04/22/23 13:36 EST | | 2K | Thunderstorm Wind (EG 43 kt) |
| | 04/22/23 13:36 EST | | 0 | Source: 911 Call Center |
| <p>A tree was reported down on power lines in the 2500 block of Keysville Frederick Co Road.</p> | | | | |
| HOWARD COUNTY --- 0.6 E COLUMBIA [39.23, -76.84] | | | | |

Storm Data and Unusual Weather Phenomena - April 2023

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|---|--------------------|-------------------|---------------------|------------------------------|
| | 04/22/23 13:36 EST | | 1K | Thunderstorm Wind (EG 50 kt) |
| | 04/22/23 13:36 EST | | 0 | Source: 911 Call Center |
| Tree damage was reported near Columbia, including a tree that blew down in the 9400 block of North Penfield Road. | | | | |
| <hr/> | | | | |
| ANNE ARUNDEL COUNTY --- 1.2 S MILLERSVILLE [39.03, -76.67] | | | | |
| | 04/22/23 13:45 EST | | 4K | Thunderstorm Wind (EG 52 kt) |
| | 04/22/23 13:45 EST | | 0 | Source: NWS Employee |
| Several trees blew down in Crofton, including a large tree that blew down near Reidel Road. | | | | |
| <hr/> | | | | |
| CARROLL COUNTY --- 0.2 SW FINKSBURG [39.50, -76.90] | | | | |
| | 04/22/23 13:47 EST | | 2K | Thunderstorm Wind (EG 50 kt) |
| | 04/22/23 13:47 EST | | 0 | Source: 911 Call Center |
| A tree blew down onto power lines in the 2700 block of Old Kays Mill Road. | | | | |
| <hr/> | | | | |
| BALTIMORE CITY (C) COUNTY --- 0.7 S BALTIMORE [39.29, -76.62] | | | | |
| | 04/22/23 13:57 EST | | 2K | Thunderstorm Wind (EG 52 kt) |
| | 04/22/23 13:57 EST | | 0 | Source: 911 Call Center |
| Trees blew down in the 200 block of West Baltimore Street. | | | | |
| <hr/> | | | | |
| BALTIMORE COUNTY --- 0.4 W PLEASANT GROVE [39.57, -76.79] | | | | |
| | 04/22/23 13:57 EST | | 1K | Thunderstorm Wind (EG 50 kt) |
| | 04/22/23 13:57 EST | | 0 | Source: 911 Call Center |
| Tree damage was reported southeast of Hampstead, including a tree that blew down along Mount Zion Road. | | | | |
| <hr/> | | | | |
| BALTIMORE CITY (C) COUNTY --- 0.9 SE BALTIMORE [39.29, -76.61] | | | | |
| | 04/22/23 13:59 EST | | 2K | Thunderstorm Wind (EG 52 kt) |
| | 04/22/23 13:59 EST | | 0 | Source: Public |
| Large tree branches snapped along East Baltimore Street near Commerce Street/Holliday Street. | | | | |
| <hr/> | | | | |
| BALTIMORE CITY (C) COUNTY --- 0.8 NW CANTON [39.29, -76.59] | | | | |
| | 04/22/23 14:00 EST | | 3K | Thunderstorm Wind (EG 56 kt) |
| | 04/22/23 14:00 EST | | 0 | Source: Broadcast Media |
| Trees blew down on South Washington Street. | | | | |
| <hr/> | | | | |
| BALTIMORE COUNTY --- 5.7 WNW HERNWOOD [39.43, -76.96] | | | | |
| | 04/22/23 14:00 EST | | 10K | Thunderstorm Wind (EG 52 kt) |
| | 04/22/23 14:00 EST | | 0 | Source: Trained Spotter |
| A tree blew down onto a house in the 700 block of Seminary Drive. | | | | |
| <hr/> | | | | |
| BALTIMORE CITY (C) COUNTY --- 0.3 ENE CANTON JCT [39.32, -76.57] | | | | |
| | 04/22/23 14:02 EST | | 2K | Thunderstorm Wind (EG 52 kt) |
| | 04/22/23 14:02 EST | | 0 | Source: 911 Call Center |
| Trees blew down near the intersection of US-1 Belair Road and Clifton Park Terrace. | | | | |
| <hr/> | | | | |
| BALTIMORE CITY (C) COUNTY --- 0.5 WNW GOLDEN RING [39.33, -76.56] | | | | |
| | 04/22/23 14:04 EST | | 2K | Thunderstorm Wind (EG 52 kt) |
| | 04/22/23 14:04 EST | | 0 | Source: 911 Call Center |
| Trees blew down in the 4200 block of Furley Avenue. | | | | |
| <hr/> | | | | |
| BALTIMORE COUNTY --- 2.1 ENE LUTHERVILLE [39.43, -76.58] | | | | |
| | 04/22/23 14:07 EST | | 1K | Thunderstorm Wind (EG 50 kt) |
| | 04/22/23 14:07 EST | | 0 | Source: 911 Call Center |

Storm Data and Unusual Weather Phenomena - April 2023

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|--|--------------------|-------------------|---------------------|--------------------------------------|
| Tree damage was reported near Hampton, including a tree that blew down on MD-131 East Seminary Avenue. | | | | |
| BALTIMORE COUNTY --- 0.0 S PARKVILLE [39.38, -76.55] | | | | |
| | 04/22/23 14:09 EST | | 20K | Thunderstorm Wind (EG 56 kt) |
| | 04/22/23 14:09 EST | | 0 | Source: Public |
| Several shingles blew off a roof, a trampoline was tossed into a fence, and trees and a power pole were blown down. | | | | |
| BALTIMORE COUNTY --- 1.0 WSW MARYLAND LINE [39.71, -76.67] | | | | |
| | 04/22/23 14:16 EST | | 1K | Thunderstorm Wind (EG 50 kt) |
| | 04/22/23 14:16 EST | | 0 | Source: 911 Call Center |
| Tree damage was reported north of Bentley Springs, including a tree that blew down near the intersection of Freeland Road and Heathcote Road. | | | | |
| BALTIMORE COUNTY --- 0.5 E FORK [39.47, -76.44], 1.7 NE FORK [39.49, -76.43] | | | | |
| | 04/22/23 14:18 EST | | 25K | Tornado (EF0, L: 1.38 mi , W: 50 yd) |
| | 04/22/23 14:19 EST | | 0 | Source: NWS Storm Survey |
| A line of severe thunderstorms produced an EF0 tornado along its leading edge as it passed over Fork, Fallston and western Bel Air Maryland on the mid-afternoon of Saturday April 22nd. The tornado was on the ground intermittently for eight minutes, but it produced a fair amount of tree damage along its nearly 7 mile path. Wind gusts where it caused noted damage were estimated 70 to 75 miles per hour along its path. | | | | |
| The tornado touched down in Fork Maryland in northeastern Baltimore County, about a mile from the border with Harford County. There it downed a tree which knocked down power poles and lines near the intersection of Sunshine Avenue and Harford Road . | | | | |
| HARFORD COUNTY --- 1.0 SSW FALLSTON ARPT [39.49, -76.43], 1.4 S BYNUM [39.55, -76.37] | | | | |
| | 04/22/23 14:19 EST | | 1M | Tornado (EF0, L: 5.31 mi , W: 50 yd) |
| | 04/22/23 14:26 EST | | 0 | Source: NWS Storm Survey |
| A line of severe thunderstorms produced an EF0 tornado along its leading edge as it passed over Fork, Fallston and western Bel Air Maryland on the mid-afternoon of Saturday April 22nd. The tornado was on the ground intermittently for eight minutes, but it produced a fair amount of tree damage along its nearly 7 mile path. Wind gusts where it caused noted damage were estimated 70 to 75 miles per hour along its path. | | | | |
| It strengthened slightly as it crossed the border into Harford County. There was numerous large branches snapped and downed power lines along Reckord Road as the tornado traveled along it. There were also 4 large trees snapped in the 400 block of Reckord Road. | | | | |
| The tornado continued northeast and produced similar damage to many trees with large branches snapped mainly off the upper parts of trees , with a few falling on homes and vehicles. Affected properties included those along Old Fallston Road, Watervale Road, Waters Avenue, Red Pump Road, Fox Den Road, and Vale Road. About 10 trees and large branches were down in a wooded park near the intersection of Red Pump Road and Vale Road in multiple directions. Two eyewitnesses reported seeing the rotating funnel as it passed . Another reported debris swiftly rotating up off the ground and tops of trees being spun in circles. | | | | |
| The final significant large branch damage noted was about a quarter mile southwest of the intersection of state route 24 and Red Pump Road, along Marywood Drive. | | | | |
| HARFORD COUNTY --- 0.8 ENE EMMORTON [39.50, -76.31] | | | | |
| | 04/22/23 14:35 EST | | 2K | Thunderstorm Wind (EG 50 kt) |
| | 04/22/23 14:35 EST | | 0 | Source: 911 Call Center |
| A tree blew down onto power lines near the intersection of East Wheel Road and Cedar Lane. | | | | |
| HARFORD COUNTY --- 0.6 S ABERDEEN ARPT [39.49, -76.18] | | | | |
| | 04/22/23 14:53 EST | | 1K | Thunderstorm Wind (EG 50 kt) |
| | 04/22/23 14:53 EST | | 0 | Source: 911 Call Center |
| A tree blew down near the intersection of MD-715 Short Lane and Cirelli Court. | | | | |
| A strong cold front produced a line of thunderstorms that resulted in widely scattered damaging straight-line wind gusts and a couple tornadoes. | | | | |
| (MD-Z014) ANNE ARUNDEL | | | | |
| | 04/29/23 01:00 EST | | 0 | Coastal Flood |
| | 04/29/23 03:00 EST | | 0 | |

Storm Data and Unusual Weather Phenomena - April 2023

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|----------|-----------|-------------------|---------------------|------------------------|
|----------|-----------|-------------------|---------------------|------------------------|

A strengthening ENE onshore flow resulted in anomalies of 1.5 ft or greater along the Potomac River shoreline of St. Mary's County resulting in moderate coastal flooding on April 28th and the 30th.

(MD-Z017) ST. MARY'S

| | | | |
|--|--------------------|---|---------------|
| | 04/30/23 22:00 EST | 0 | Coastal Flood |
| | 04/30/23 23:00 EST | 0 | |

A moderately strong onshore flow resulted in brief moderate coastal flooding at Straits Point late on Apr 30th.

VIRGINIA, North

(VA-Z025) AUGUSTA, (VA-Z026) ROCKINGHAM, (VA-Z027) SHENANDOAH, (VA-Z029) PAGE, (VA-Z030) WARREN, (VA-Z031) CLARKE, (VA-Z040) RAPPAHANNOCK, (VA-Z053) FAIRFAX, (VA-Z054) ARLINGTON, (VA-Z055) STAFFORD, (VA-Z503) WESTERN HIGHLAND, (VA-Z504) EASTERN HIGHLAND, (VA-Z505) WESTERN LOUDOUN, (VA-Z506) EASTERN LOUDOUN, (VA-Z507) NORTHERN VIRGINIA BLUE RIDGE, (VA-Z508) CENTRAL VIRGINIA BLUE RIDGE, (VA-Z526) NORTHWEST PRINCE WILLIAM

| | | | |
|--|--------------------|---|-----------------------|
| | 04/01/23 12:00 EST | 0 | High Wind (MAX 59 kt) |
| | 04/01/23 22:00 EST | 0 | |

A period of damaging high gradient winds developed across the region in wake of a strong cold front, resulting in numerous downed trees and power lines.

SPOTSYLVANIA COUNTY --- 2.2 NNW CDENORA [38.11, -77.81]

| | | | |
|--|--------------------|---|------------------------------|
| | 04/06/23 15:59 EST | 0 | Thunderstorm Wind (MG 50 kt) |
| | 04/06/23 15:59 EST | 0 | Source: Mesonet |

A wind gust of 50 knots (58 MPH) was measured by a mesonet in Lake Anna State Park (KVASPOTS70).

SPOTSYLVANIA COUNTY --- 1.2 NW PARTLOW [38.04, -77.65]

| | | | |
|--|--------------------|----|------------------------------|
| | 04/06/23 16:17 EST | 3K | Thunderstorm Wind (EG 52 kt) |
| | 04/06/23 16:17 EST | 0 | Source: Emergency Manager |

Multiple trees blew down in the 3000 block of VA-738 Partlow Road.

FAIRFAX COUNTY --- 1.0 NE LEWINSVILLE [38.94, -77.19]

| | | | |
|--|--------------------|----|------------------------------|
| | 04/06/23 17:25 EST | 2K | Thunderstorm Wind (EG 50 kt) |
| | 04/06/23 17:25 EST | 0 | Source: Public |

Trees and branches blew down around McLean.

A cold front spawned several severe thunderstorms that resulted in localized hail and wind damage.

CULPEPER COUNTY --- 1.8 NNE WHITE SHOP [38.46, -78.06]

| | | | |
|--|--------------------|----|------------------------------|
| | 04/22/23 11:27 EST | 3K | Thunderstorm Wind (EG 52 kt) |
| | 04/22/23 11:27 EST | 0 | Source: 911 Call Center |

Trees and wires blew down in the 18000 block of VA-643 South Merrimac Road.

CULPEPER COUNTY --- 2.2 W CULPEPER [38.49, -78.04]

| | | | |
|--|--------------------|----|------------------------------|
| | 04/22/23 11:32 EST | 2K | Thunderstorm Wind (EG 52 kt) |
| | 04/22/23 11:32 EST | 0 | Source: 911 Call Center |

Trees blew down along VA-641 Gibson Mill Road.

CULPEPER COUNTY --- 2.4 SE REVA [38.48, -78.10]

| | | | |
|--|--------------------|----|------------------------------|
| | 04/22/23 11:33 EST | 4K | Thunderstorm Wind (EG 56 kt) |
| | 04/22/23 11:33 EST | 0 | Source: 911 Call Center |

Multiple trees blew down at the intersection of VA-633 Norman Road and VA-643 North Merrimac Road.

Storm Data and Unusual Weather Phenomena - April 2023

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|---|--------------------|-------------------|---------------------|------------------------------|
| CULPEPER COUNTY --- 1.5 ENE CORDOVA [38.54, -78.01] | | | | |
| | 04/22/23 11:40 EST | | 5K | Thunderstorm Wind (EG 52 kt) |
| | 04/22/23 11:40 EST | | 0 | Source: 911 Call Center |
| A tree blew down onto a vehicle along VA-632 Dutch Hollow Road. | | | | |
| FAUQUIER COUNTY --- 1.0 WSW SILVER HILL [38.47, -77.70] | | | | |
| | 04/22/23 11:50 EST | | 2K | Thunderstorm Wind (EG 52 kt) |
| | 04/22/23 11:50 EST | | 0 | Source: 911 Call Center |
| A large tree blew down onto power lines near the intersection of VA-615 Silver Hill Road and VA-631 Royalls Mill Road. | | | | |
| RAPPAHANNOCK COUNTY --- 0.9 NE VIEWTOWN [38.64, -78.04] | | | | |
| | 04/22/23 11:50 EST | | 1K | Thunderstorm Wind (EG 50 kt) |
| | 04/22/23 11:50 EST | | 0 | Source: 911 Call Center |
| Tree damage was reported in Viewtown, including a tree that blew down along Viewtown Road. | | | | |
| FAUQUIER COUNTY --- 2.9 NE AUBURN [38.73, -77.66] | | | | |
| | 04/22/23 12:05 EST | | 1K | Thunderstorm Wind (EG 52 kt) |
| | 04/22/23 12:05 EST | | 0 | Source: 911 Call Center |
| A large tree blew down near the intersection of VA-652 Kennedy Road and VA-603 Greenwich Road. | | | | |
| FAIRFAX COUNTY --- 0.4 SSE CHESTERBROOK WOODS [38.93, -77.17] | | | | |
| | 04/22/23 12:54 EST | | 1K | Thunderstorm Wind (EG 50 kt) |
| | 04/22/23 12:54 EST | | 0 | Source: 911 Call Center |
| Tree damage was reported in McLean, including a tree that blew down near the intersection of Old Chesterbrook Road and Sixth Place. | | | | |
| PRINCE WILLIAM COUNTY --- 0.8 ESE OCCOQUAN [38.68, -77.26] | | | | |
| | 04/22/23 13:42 EST | | 2K | Thunderstorm Wind (EG 43 kt) |
| | 04/22/23 13:42 EST | | 0 | Source: Emergency Manager |
| A tree was reported down on power lines near the intersection of Old Bridge Road and VA-123 Gordon Boulevard. | | | | |
| A strong cold front produced a line of thunderstorms that resulted in widely scattered damaging straight-line wind gusts and a couple tornadoes. | | | | |
| ALBEMARLE COUNTY --- 0.5 ENE PROFFIT [38.12, -78.42], 0.6 E PROFFIT [38.12, -78.42], 1.0 ENE PROFFIT [38.13, -78.41], 0.9 ENE PROFFIT [38.13, -78.42] | | | | |
| | 04/28/23 10:50 EST | | 0 | Flood (due to Heavy Rain) |
| | 04/28/23 15:30 EST | | 0 | Source: 911 Call Center |
| The 2800 block of Proffitt Road was closed due to flooding. | | | | |
| ALBEMARLE COUNTY --- 0.5 SSE ESMONT [37.82, -78.62], 1.0 ESE ESMONT [37.83, -78.60], 0.9 E ESMONT [37.83, -78.60], 0.4 SSE ESMONT [37.83, -78.62] | | | | |
| | 04/28/23 14:50 EST | | 0 | Flood (due to Heavy Rain) |
| | 04/28/23 18:30 EST | | 0 | Source: 911 Call Center |
| Irish Road at Esmont Road was closed due to flooding. | | | | |
| ALBEMARLE COUNTY --- 1.3 NW STONY PT [38.13, -78.40], 1.0 WNW GILBERT [38.13, -78.39], 1.2 WNW GILBERT [38.14, -78.39], 1.5 WNW GILBERT [38.14, -78.39] | | | | |
| | 04/28/23 15:30 EST | | 0 | Flood (due to Heavy Rain) |
| | 04/28/23 19:30 EST | | 0 | Source: 911 Call Center |
| Watts Passage closed at Preddy Creek due to flooding. | | | | |
| ALBEMARLE COUNTY --- 1.5 SW CARTERS BRIDGE [37.89, -78.59], 1.4 NW KEENE [37.88, -78.59], 1.2 SW CARTERS BRIDGE [37.89, -78.58], 1.3 SW CARTERS BRIDGE [37.89, -78.59] | | | | |

Storm Data and Unusual Weather Phenomena - April 2023

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|----------|--------------------|-------------------|---------------------|---------------------------|
| | 04/28/23 15:30 EST | | 0 | Flood (due to Heavy Rain) |
| | 04/28/23 19:30 EST | | 0 | Source: 911 Call Center |

Plank Road closed at Eppes Creek due to flooding.

ORANGE COUNTY --- 0.6 ENE UNIONVILLE [38.27, -77.96], 2.8 WSW BURR HILL [38.34, -77.92], 1.4 W EVERONA [38.30, -78.00], 0.8 NE ORANGE CO ARPT [38.26, -78.04]

| | | | | |
|--|--------------------|--|---|---------------------------|
| | 04/28/23 16:30 EST | | 0 | Flood (due to Heavy Rain) |
| | 04/28/23 20:30 EST | | 0 | Source: 911 Call Center |

Multiple roads closed near US Route 522 just north of Constitution Highway due to Mountain Run, Mill Run, and Walkers Branch Creek flooding out of their banks.

ORANGE COUNTY --- 2.3 SSE ORANGE [38.22, -78.10], 3.4 WSW DANIEL [38.16, -78.09], 2.1 SSW DANTON [38.15, -77.94], 1.2 SSE UNIONVILLE [38.25, -77.96]

| | | | | |
|--|--------------------|--|---|---------------------------|
| | 04/28/23 16:30 EST | | 0 | Flood (due to Heavy Rain) |
| | 04/28/23 20:30 EST | | 0 | Source: 911 Call Center |

Multiple roads closed west of US Route 522 near Lake Orange due to Clear Creek, Berry Run, and Pamunkey Creek flooding out of their banks.

MADISON COUNTY --- 2.3 SW BRIGHTWOOD [38.40, -78.23], 1.2 NW ARODA [38.34, -78.25], 1.7 NNE LOCUST DALE [38.35, -78.12], 3.2 NE OAKPARK [38.40, -78.13]

| | | | | |
|--|--------------------|--|---|---------------------------|
| | 04/28/23 16:45 EST | | 0 | Flood (due to Heavy Rain) |
| | 04/28/23 20:45 EST | | 0 | Source: 911 Call Center |

Multiple roads closed near US Route 29 just north of Madison due to Robinson Run, Little Dark Run, and Dark Run flooding out of their banks.

An area of low pressure resulted in widespread two to four inches of rain. This resulted in a couple of road closures due to high water and small streams overflowing their banks.

WEST VIRGINIA, East

(WV-Z050) HAMPSHIRE, (WV-Z051) MORGAN, (WV-Z052) BERKELEY, (WV-Z053) JEFFERSON, (WV-Z055) HARDY, (WV-Z501) WESTERN GRANT, (WV-Z502) EASTERN GRANT, (WV-Z503) WESTERN MINERAL, (WV-Z504) EASTERN MINERAL, (WV-Z505) WESTERN PENDLETON, (WV-Z506) EASTERN PENDLETON

| | | | | |
|--|--------------------|--|---|-----------------------|
| | 04/01/23 12:00 EST | | 0 | High Wind (MAX 51 kt) |
| | 04/01/23 22:00 EST | | 0 | |

A period of damaging high gradient winds developed across the region in wake of a strong cold front, resulting in numerous downed trees and power lines.