

Storm Data and Unusual Weather Phenomena - July 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
ATLANTIC NORTH				
TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- MONROE CREEK (MON) [38.23, -76.95]				
	07/01/23 17:18 EST	0		Marine Thunderstorm Wind (MG 36 kt)
	07/01/23 17:23 EST	0		Source: Buoy
Wind gusts of up to 36 knots (41 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]				
	07/01/23 17:20 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	07/01/23 17:20 EST	0		Source: Buoy
A thunderstorm produced an estimated wind gust to 34 knots (39 MPH) near the Cuckold Creek WeatherFlow sensor (XCCK).				
TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- POTOMAC LIGHT 33 (LT3) [38.34, -76.99]				
	07/01/23 17:20 EST	0		Marine Thunderstorm Wind (MG 39 kt)
	07/01/23 17:25 EST	0		Source: Buoy
Wind gusts of up to 39 knots (45 MPH) were measured by the Potomac Light 33 WeatherFlow sensor (XLT3).				
TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- 0.8 SE POTOMAC RIVER BUOY (44067) [38.36, -76.99]				
	07/01/23 17:25 EST	0		Marine Thunderstorm Wind (MG 34 kt)
	07/01/23 17:25 EST	0		Source: Mesonet
A wind gust of 34 knots (39 MPH) was measured by a mesonet on the northbound span of the US-301 Harry Nice Bridge (MD155).				
TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- COBB POINT (COB) [38.24, -76.83]				
	07/01/23 17:34 EST	0		Marine Thunderstorm Wind (MG 35 kt)
	07/01/23 17:34 EST	0		Source: Buoy
A wind gust of 35 knots (40 MPH) was measured by the Cobb Point WeatherFlow sensor (XCOB).				
A pressure trough ignited a few thunderstorms that produced gale-force winds over portions of the tidal Potomac River.				
CHESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY --- GOOSSES REEF BUOY (44062) [38.56, -76.41]				
	07/02/23 15:06 EST	0		Marine Thunderstorm Wind (MG 41 kt)
	07/02/23 15:06 EST	0		Source: Buoy
A wind gust of 41 knots (47 MPH) was measured by the Gooses Reef NOS sensor (44062).				
PATAPSCO RIVER INCLUDING BALTIMORE HARBOR COUNTY --- BALTIMORE KEY BRIDGE (FSKM2) [39.22, -76.53]				
	07/02/23 17:48 EST	0		Marine Thunderstorm Wind (MG 34 kt)
	07/02/23 17:48 EST	0		Source: Buoy
A wind gust of 34 knots (39 MPH) was measured by the I-695 Francis Scott Key Bridge NOS sensor (FSKM2).				
CHESAPEAKE BAY POOLES IS TO SANDY PT MD COUNTY --- 6.9 NW SANDY POINT (SPT) [39.08, -76.50]				
	07/02/23 18:30 EST	0		Marine Thunderstorm Wind (MG 34 kt)
	07/02/23 18:30 EST	0		Source: Mesonet
A wind gust of 34 knots (39 MPH) was measured by a mesonet one mile north of Belvedere Heights adjacent to the Chesapeake Bay.				
CHESAPEAKE BAY POOLES IS TO SANDY PT MD COUNTY --- 4.1 NW SANDY POINT (SPT) [39.06, -76.44]				
	07/02/23 18:34 EST	0		Marine Thunderstorm Wind (MG 34 kt)
	07/02/23 18:34 EST	0		Source: Mesonet
A wind gust of 34 knots (39 MPH) was measured by a mesonet one mile north of Cape Saint Claire adjacent to the Chesapeake Bay.				
CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- 0.6 SSE SANDY POINT SOUTH (NRSPS) [38.99, -76.39]				

Storm Data and Unusual Weather Phenomena - July 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/02/23 18:42 EST		0	Marine Thunderstorm Wind (MG 38 kt)
	07/02/23 18:42 EST		0	Source: Buoy

A wind gust of 38 knots (44 MPH) was measured by a buoy five miles southeast of Cape Saint Claire.

CHESTER RIVER TO QUEENSTOWN MD COUNTY --- 0.6 NW STEVENSVILLE (5184B) [39.05, -76.31]				
	07/02/23 18:49 EST		0	Marine Thunderstorm Wind (MG 42 kt)
	07/02/23 18:49 EST		0	Source: Mesonet

A wind gust of 42 knots (48 MPH) was measured by a mesonet seven miles east-southeast of Gibson Island adjacent to the Chesapeake Bay and tidal Chester River.

CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- 1.7 SW SANDY POINT (SPT) [38.99, -76.42]				
	07/02/23 19:01 EST		0	Marine Thunderstorm Wind (MG 38 kt)
	07/02/23 19:01 EST		0	Source: Buoy

A wind gust of 38 knots (44 MPH) was measured by a buoy four miles south-southeast of Cape Saint Claire.

A couple of thunderstorms initiated off the bay breeze near and to the south of Baltimore.

TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- 4.5 S WOODLAWN ES (ALVND) [38.67, -77.13]				
	07/03/23 16:47 EST		0	Marine Thunderstorm Wind (MG 38 kt)
	07/03/23 16:47 EST		0	Source: Mesonet

A wind gust of 38 knots (44 MPH) was measured by a personal weather station at T-Pier (KVAFORTB9) adjacent to the upper tidal Potomac River.

TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- 4.5 E OCCOQUAN RIVER (OCC) [38.65, -77.14]				
	07/03/23 16:55 EST		0	Marine Thunderstorm Wind (MG 34 kt)
	07/03/23 16:55 EST		0	Source: Mesonet

A wind gust of 34 knots (39 MPH) was measured by a Tempest station on River Road adjacent to the tidal Potomac River.

TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY --- CRISFIELD CG (CRS) [37.97, -75.88]				
	07/03/23 17:13 EST		0	Marine Thunderstorm Wind (MG 38 kt)
	07/03/23 17:18 EST		0	Source: Buoy

Wind gusts of up to 38 knots (44 MPH) were measured by the Crisfield WeatherFlow sensor (XCRS).

TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY --- BISHOPS HEAD (BISM2) [38.22, -76.04]				
	07/03/23 17:30 EST		0	Marine Thunderstorm Wind (MG 34 kt)
	07/03/23 17:30 EST		0	Source: Buoy

A wind gust of 34 knots/39 MPH was measured by the Bishops Head Pier NOS sensor (BISM2).

TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY --- RACCOON POINT (RAC) [38.14, -75.79]				
	07/03/23 17:31 EST		0	Marine Thunderstorm Wind (MG 37 kt)
	07/03/23 17:36 EST		0	Source: Buoy

Wind gusts of up to 37 knots (43 MPH) were measured by the Raccoon Point WeatherFlow sensor (XRAC).

TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY --- CRISFIELD CG (CRS) [37.97, -75.88]				
	07/03/23 17:38 EST		0	Marine Thunderstorm Wind (MG 48 kt)
	07/03/23 18:03 EST		0	Source: Buoy

Wind gusts of up to 48 knots (55 MPH) were measured by the Crisfield WeatherFlow sensor (XCRS).

CHOPTANK RIVER TO CAMBRIDGE MD AND THE LITTLE CHOPTANK RIVER COUNTY --- BLACKWALNUT HARBOR (BWH) [38.68, -76.33]				
	07/03/23 17:48 EST		0	Marine Thunderstorm Wind (MG 51 kt)
	07/03/23 17:58 EST		0	Source: Buoy

Wind gusts of up to 51 knots (59 MPH) were measured by the Blackwalnut Harbor WeatherFlow sensor (XBWH).

Storm Data and Unusual Weather Phenomena - July 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY --- LOWER HOOPERS ISLAND (HPR) [38.26, -76.18]				
	07/03/23 18:06 EST	0		Marine Thunderstorm Wind (MG 34 kt)
	07/03/23 18:21 EST	0		Source: Buoy
Wind gusts of up to 34 knots (39 MPH) were measured by the Lower Hooper Island WeatherFlow sensor (XHPR).				
CHOPTANK RIVER TO CAMBRIDGE MD AND THE LITTLE CHOPTANK RIVER COUNTY --- 0.9 NE CAMBRIDGE (CAMM2) [38.58, -76.06]				
	07/03/23 18:19 EST	0		Marine Thunderstorm Wind (MG 47 kt)
	07/03/23 18:19 EST	0		Source: Mesonet
A wind gust of 47 knots (54 MPH) was measured by a mesonet on the US-50 Choptank River Bridge (MD004).				
CHESAPEAKE BAY N OF POOLES IS MD COUNTY --- GROVE POINT (GVP) [39.40, -76.04]				
	07/03/23 19:24 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	07/03/23 19:24 EST	0		Source: Buoy
A thunderstorm produced an estimated wind gust to 34 knots (39 MPH) near the Grove Point WeatherFlow sensor (XGVP).				
TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY --- CRISFIELD CG (CRS) [37.97, -75.88]				
	07/03/23 19:52 EST	0		Marine Thunderstorm Wind (MG 35 kt)
	07/03/23 19:52 EST	0		Source: Buoy
A wind gust of 35 knots (40 MPH) was measured by the Crisfield WeatherFlow sensor (XCRS).				
A cold front sparked a few lines of thunderstorms. These thunderstorms produced localized gale- to storm-force winds.				
TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- POTOMAC LIGHT 33 (LT3) [38.34, -76.99]				
	07/07/23 14:15 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	07/07/23 14:15 EST	0		Source: Buoy
A thunderstorm produced an estimated wind gust to 34 knots (39 MPH) near the Potomac Light 33 WeatherFlow sensor (XLT3).				
TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- PYLONS DAHLGREN (PYL) [38.31, -77.00]				
	07/07/23 14:16 EST	0		Marine Thunderstorm Wind (MG 34 kt)
	07/07/23 14:16 EST	0		Source: Buoy
A wind gust of 34 knots (39 MPH) was measured by the Pylons Dahlgren WeatherFlow sensor (XPYL).				
A thunderstorm produced localized gale-force wind gusts over the middle tidal Potomac River.				
TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- PINEY POINT (PPTM2) [38.13, -76.53]				
	07/09/23 13:54 EST	0		Marine Thunderstorm Wind (MG 35 kt)
	07/09/23 13:54 EST	0		Source: Buoy
A wind gust of 35 knots (40 MPH) was measured by the Piney Point NOS sensor (PPTM2).				
A thunderstorm produced localized gale-force wind gusts over the lower tidal Potomac River.				
TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- 0.7 W WASHINGTON DC (WASD2) [38.87, -77.03]				
	07/14/23 17:19 EST	0		Marine Thunderstorm Wind (MG 42 kt)
	07/14/23 17:19 EST	0		Source: Mesonet
A wind gust of 42 knots (48 MPH) was measured by a mesonet adjacent to the upper tidal Potomac River.				
TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- HOFFMAN-BOSTON ES (ARLNN) [38.86, -77.07]				
	07/14/23 17:30 EST	0		Marine Thunderstorm Wind (MG 37 kt)
	07/14/23 17:30 EST	0		Source: Mesonet
A wind gust of 37 knots (43 MPH) was measured by a mesonet at Hoffman-Boston Elementary School (ARLNN) adjacent to the tidal Potomac River.				
TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- QUANTICO (KNYG) [38.51, -77.30]				

Storm Data and Unusual Weather Phenomena - July 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/14/23 18:10 EST		0	Marine Thunderstorm Wind (MG 37 kt)
	07/14/23 18:10 EST		0	Source: AWOS

A wind gust of 37 knots (43 MPH) was measured by the AWOS at Quantico Marine Base (KNYG) adjacent to the tidal Potomac River.

TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- BABER POINT (BAB) [38.31, -77.03]				
Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/14/23 18:46 EST		0	Marine Thunderstorm Wind (MG 34 kt)
	07/14/23 18:46 EST		0	Source: Buoy

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

TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- CUCKOLD CREEK (CCK) [38.31, -76.93]				
Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/14/23 19:35 EST		0	Marine Thunderstorm Wind (MG 34 kt)
	07/14/23 19:35 EST		0	Source: Buoy

A wind gust of 34 knots (39 MPH) was measured by the Cuckold Creek WeatherFlow sensor (XCCK).

CHESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY --- 2.6 S MID BAY BUOY [38.43, -76.39]				
Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/14/23 19:42 EST		0	Marine Thunderstorm Wind (MG 41 kt)
	07/14/23 19:42 EST		0	Source: Buoy

A wind gust of 41 knots (47 MPH) was measured by the Cove Point NOS sensor (COVM2).

A cold front slowed as it approached the Appalachian Mountains, intersecting a hot, humid, and unstable airmass. This resulted in scattered to numerous showers and thunderstorms, several of which produced gale- to storm-force winds near the area waterways.

TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY --- CRISFIELD CG (CRS) [37.97, -75.88]				
Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/16/23 00:08 EST		0	Marine Thunderstorm Wind (MG 34 kt)
	07/16/23 00:08 EST		0	Source: Buoy

A wind gust of 34 knots (39 MPH) was measured by the Crisfield WeatherFlow sensor (XCRS).

The remnants of a frontal boundary from the previous day ignited additional widely scattered thunderstorms during the early evening hours. Localized gale-force winds occurred in the vicinity of southern Maryland.

TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- POTOMAC LIGHT 33 (LT3) [38.34, -76.99]				
Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/19/23 05:55 EST		0	Marine Thunderstorm Wind (MG 36 kt)
	07/19/23 05:55 EST		0	Source: Buoy

A wind gust of 36 knots (41 MPH) was measured by the Potomac Light 33 WeatherFlow sensor (XLT3).

CHESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY --- GOOSSES REEF BUOY (44062) [38.56, -76.41]				
Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/19/23 06:36 EST		0	Marine Thunderstorm Wind (MG 43 kt)
	07/19/23 06:36 EST		0	Source: Buoy

A wind gust of 43 knots (49 MPH) was measured by the Gooses Reef CBIBS sensor (44062).

CHOPTANK RIVER TO CAMBRIDGE MD AND THE LITTLE CHOPTANK RIVER COUNTY --- BLACKWALNUT HARBOR (BWH) [38.68, -76.33]				
Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/19/23 07:00 EST		0	Marine Thunderstorm Wind (MG 42 kt)
	07/19/23 07:00 EST		0	Source: Buoy

A wind gust of 42 knots (48 MPH) was measured by the Cove Point NOS sensor (COVM2).

A couple of thunderstorms produced gale-force wind gusts over the middle tidal Potomac River and central Chesapeake Bay.

TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- (DCA)REAGAN NATIONAL AIRPORT [38.86, -77.03]				
Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/21/23 02:52 EST		0	Marine Thunderstorm Wind (MG 41 kt)
	07/21/23 03:07 EST		0	Source: ASOS

Wind gusts of up to 41 knots (47 MPH) were measured by the ASOS at Ronald Reagan Washington National Airport (KDCA) adjacent to the tidal Potomac River.

TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- GEORGE MASON ES (ALXD2) [38.83, -77.07]				
---	--	--	--	--

Storm Data and Unusual Weather Phenomena - July 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/21/23 02:55 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	07/21/23 02:55 EST		0	Source: Mesonet

A squall produced an estimated wind gust to 34 knots (39 MPH) near a mesonet at George Mason Elementary School (ALXD2) adjacent to the tidal Potomac River.

TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- 0.3 SW GEORGE WASHINGTON UNIVERSITY (GWUNI) [38.90, -77.04]				
	07/21/23 03:00 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	07/21/23 03:00 EST		0	Source: Mesonet

A squall produced an estimated wind gust to 34 knots (39 MPH) near a mesonet at the George Washington University Foggy Bottom Campus (1852W) adjacent to the tidal Potomac River.

TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- NATIONALS PARK (WSHNP) [38.87, -77.01]				
	07/21/23 03:00 EST		0	Marine Thunderstorm Wind (MG 36 kt)
	07/21/23 03:00 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.

TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- OCCOQUAN RIVER (OCC) [38.64, -77.22]				
	07/21/23 03:01 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	07/21/23 03:01 EST		0	Source: Buoy

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

TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- QUANTICO (KNYG) [38.51, -77.30]				
	07/21/23 03:02 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	07/21/23 03:02 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.

CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- ANNAPOLIS MD (APAM2) [38.98, -76.48]				
	07/21/23 03:36 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	07/21/23 03:42 EST		0	Source: Buoy

A squall produced estimated wind gusts to 34 knots (39 MPH) near the Annapolis NOS sensor (APAM2).

CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- 1.7 ESE SANDY POINT SOUTH (NRSPS) [38.99, -76.36]				
	07/21/23 03:37 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	07/21/23 03:52 EST		0	Source: Mesonet

A squall produced estimated wind gusts of up to 34 knots (39 MPH) near a mesonet at WPL Pier 31 (MD068).

CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- ANNAPOLIS (KNAK) [38.98, -76.48]				
	07/21/23 03:38 EST		0	Marine Thunderstorm Wind (MG 36 kt)
	07/21/23 03:40 EST		0	Source: ASOS

Wind gusts of up to 36 knots (41 MPH) were measured by the ASOS at the Annapolis U.S. Naval Academy (KNAK) adjacent to the Chesapeake Bay.

CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- TOLLY POINT (TOL) [38.94, -76.44]				
	07/21/23 03:39 EST		0	Marine Thunderstorm Wind (MG 44 kt)
	07/21/23 03:54 EST		0	Source: Buoy

Wind gusts of up to 44 knots (51 MPH) were measured by the Tolly Point WeatherFlow sensor (XTOL).

CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- 0.2 NNE ANNAPOLIS BUOY (44063) [38.96, -76.45]				
	07/21/23 03:42 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	07/21/23 03:42 EST		0	Source: Buoy

A squall produced an estimated wind gust to 34 knots (39 MPH) near the Annapolis CBIBS sensor (44063).

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

Storm Data and Unusual Weather Phenomena - July 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/21/23 03:44 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	07/21/23 03:54 EST		0	Source: Buoy

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

CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- 1.6 WNW SHADY SIDE ES (SHADY) [38.85, -76.54]				
	07/21/23 03:45 EST		0	Marine Thunderstorm Wind (MG 39 kt)
	07/21/23 03:45 EST		0	Source: Mesonet

A wind gust of 39 knots (45 MPH) was measured by a mesonet in Galesville (EW0112) adjacent to the Chesapeake Bay.

CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- GREENBURY POINT (GBY) [38.97, -76.46]				
	07/21/23 03:46 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	07/21/23 03:56 EST		0	Source: Buoy

A squall produced estimated wind gusts to 34 knots (39 MPH) near the Greenbury Point WeatherFlow sensor (XGBY).

CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- THOMAS POINT (TPLM2) [38.90, -76.44]				
	07/21/23 03:46 EST		0	Marine Thunderstorm Wind (MG 35 kt)
	07/21/23 03:46 EST		0	Source: Buoy

A wind gust of 35 knots (40 MPH) was measured by the Thomas Point NOS sensor (TPLM2).

TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- POTOMAC LIGHT 33 (LT3) [38.34, -76.99]				
	07/21/23 03:50 EST		0	Marine Thunderstorm Wind (MG 34 kt)
	07/21/23 04:20 EST		0	Source: Buoy

Wind gusts of up to 34 knots (39 MPH) were measured by the Potomac Light 33 WeatherFlow sensor (XLT3).

CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- HERRING BAY (HRB) [38.73, -76.54]				
	07/21/23 03:52 EST		0	Marine Thunderstorm Wind (MG 34 kt)
	07/21/23 03:52 EST		0	Source: Buoy

A wind gust of 34 knots (39 MPH) was measured by the Herring Bay WeatherFlow sensor (XHRB).

TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- BABER POINT (BAB) [38.31, -77.03]				
	07/21/23 04:06 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	07/21/23 04:06 EST		0	Source: Buoy

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

TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- MONROE CREEK (MON) [38.23, -76.95]				
	07/21/23 04:08 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	07/21/23 04:08 EST		0	Source: Buoy

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

CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- 8.3 S KENT POINT MD (KPTM2) [38.72, -76.34]				
	07/21/23 04:10 EST		0	Marine Thunderstorm Wind (MG 35 kt)
	07/21/23 04:19 EST		0	Source: Mesonet

Wind gusts of up to 35 knots (40 MPH) were measured by a mesonet on the MD-33 Knapps Narrows Drawbridge (MD073) adjacent to the Chesapeake Bay and tidal Choptank River.

CHESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY --- 10.8 E ROD N REEL CHESAPEAKE BEACH (CHSRL) [38.71, -76.33]				
	07/21/23 04:15 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	07/21/23 04:15 EST		0	Source: Mesonet

A squall produced an estimated wind gust to 34 knots (39 MPH) near a Tempest station on Island Club Road adjacent to the tidal Choptank River.

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

Storm Data and Unusual Weather Phenomena - July 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/21/23 04:18 EST		0	Marine Thunderstorm Wind (MG 37 kt)
	07/21/23 04:30 EST		0	Source: Buoy

Wind gusts of up to 37 knots (43 MPH) were measured by the Gooses Reef CBIBS sensor (44062).

CHOPTANK RIVER TO CAMBRIDGE MD AND THE LITTLE CHOPTANK RIVER COUNTY --- BLACKWALNUT HARBOR (BWH) [38.68, -76.33]

	07/21/23 04:18 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	07/21/23 04:18 EST		0	Source: Buoy

A squall produced an estimated wind gust to 34 knots (39 MPH) near the Blackwalnut Harbor WeatherFlow sensor (XBWH).

CHESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY --- 2.6 S MID BAY BUOY [38.43, -76.39]

	07/21/23 04:42 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	07/21/23 04:45 EST		0	Source: Buoy

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

CHESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY --- 12.8 SE MID BAY BUOY [38.32, -76.24]

	07/21/23 05:01 EST		0	Marine Thunderstorm Wind (MG 47 kt)
	07/21/23 05:01 EST		0	Source: Mesonet

A wind gust of 47 knots (54 MPH) was measured by a mesonet on Hoopers Island.

TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY --- LOWER HOOPERS ISLAND (HPR) [38.26, -76.18]

	07/21/23 05:16 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	07/21/23 05:16 EST		0	Source: Buoy

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

A line of thunderstorms (Mesoscale Convective Complex, MCS) that developed over the Midwest moved across the waters during the early morning hours. The event was noteworthy due to its timing.

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

	07/25/23 11:12 EST		0	Marine Thunderstorm Wind (MG 35 kt)
	07/25/23 11:54 EST		0	Source: Buoy

Wind gusts of up to 35 knots (40 MPH) were measured by the I-695 Francis Scott Key Bridge NOS sensor (FSKM2).

CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- 1.7 ESE SANDY POINT SOUTH (NRSPTS) [38.99, -76.36]

	07/25/23 12:47 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	07/25/23 12:47 EST		0	Source: Mesonet

A thunderstorm produced an estimated wind gust to 34 knots (39 MPH) near a mesonet at WPL Pier 31 (MD068).

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

	07/25/23 12:54 EST		0	Marine Thunderstorm Wind (MG 36 kt)
	07/25/23 12:59 EST		0	Source: Buoy

Wind gusts of up to 36 knots (41 MPH) were measured by the Saunders Point Light WeatherFlow sensor (XMTR).

CHESTER RIVER TO QUEENSTOWN MD COUNTY --- 0.1 NNW US-50 (MD040) [38.97, -76.25]

	07/25/23 13:14 EST		0	Marine Thunderstorm Wind (MG 35 kt)
	07/25/23 13:14 EST		0	Source: Mesonet

A wind gust of 35 knots (40 MPH) was measured by a mesonet on the US-50 Kent Narrows Bridge (MD040).

EASTERN BAY COUNTY --- 4.3 SE US-50 (MD040) [38.92, -76.20]

	07/25/23 13:20 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	07/25/23 13:25 EST		0	Source: Mesonet

A thunderstorm produced estimated wind gusts to 34 knots (39 MPH) near a mesonet in Grasonville (EW5728) adjacent to Eastern Bay.

Storm Data and Unusual Weather Phenomena - July 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- 8.6 SSE KENT POINT MD (KPTM2) [38.72, -76.33]				
	07/25/23 14:19 EST	0		Marine Thunderstorm Wind (MG 38 kt)
	07/25/23 14:19 EST	0		Source: Mesonet
A wind gust of 38 knots (44 MPH) was measured by a mesonet on the MD-33 Knapps Narrows Drawbridge (MD073).				
TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY --- RACCOON POINT (RAC) [38.14, -75.79]				
	07/25/23 16:51 EST	0		Marine Thunderstorm Wind (MG 34 kt)
	07/25/23 16:56 EST	0		Source: Buoy
Wind gusts of up to 34 knots (39 MPH) were measured by the Raccoon Point WeatherFlow sensor (XRAC).				
TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY --- CRISFIELD CG (CRS) [37.97, -75.88]				
	07/25/23 17:41 EST	0		Marine Thunderstorm Wind (MG 36 kt)
	07/25/23 17:41 EST	0		Source: Buoy
A wind gust of 36 knots (41 MPH) was measured by the Crisfield WeatherFlow sensor (XCRS).				
TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY --- 7.1 SE BISHOPS HEAD (BISM2) [38.14, -75.96]				
	07/25/23 18:20 EST	0		Marine Thunderstorm Wind (MG 37 kt)
	07/25/23 18:20 EST	0		Source: Mesonet
A wind gust of 37 knots (43 MPH) was measured by a mesonet at Deal Island.				
TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- OCCOQUAN RIVER (OCC) [38.64, -77.22]				
	07/25/23 18:55 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	07/25/23 18:55 EST	0		Source: Buoy
A thunderstorm produced an estimated wind gust to 34 knots (39 MPH) near the Occoquan River WeatherFlow sensor (XOCC).				
TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- POTOMAC LIGHT 33 (LT3) [38.34, -76.99]				
	07/25/23 20:00 EST	0		Marine Thunderstorm Wind (MG 36 kt)
	07/25/23 20:00 EST	0		Source: Buoy
A wind gust of 36 knots (41 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]				
	07/25/23 20:06 EST	0		Marine Thunderstorm Wind (MG 35 kt)
	07/25/23 20:06 EST	0		Source: Buoy
A wind gust of 35 knots (40 MPH) was measured by the Pylons Dahlgren WeatherFlow sensor (XPYL).				
TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- MONROE CREEK (MON) [38.23, -76.95]				
	07/25/23 20:12 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	07/25/23 20:12 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]				
	07/25/23 20:14 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	07/25/23 20:24 EST	0		Source: Buoy
A thunderstorm produced estimated wind gusts to 34 knots (39 MPH) near the Cobb Point WeatherFlow sensor (XCOB).				
TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- BABER POINT (BAB) [38.31, -77.03]				
	07/25/23 20:46 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	07/25/23 20:46 EST	0		Source: Buoy
A thunderstorm produced an estimated wind gust to 34 knots (39 MPH) near the Baber Point WeatherFlow sensor (XBAB).				
TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- TOWER 70 (T70) [38.33, -77.02]				

Storm Data and Unusual Weather Phenomena - July 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/25/23 20:47 EST		0	Marine Thunderstorm Wind (MG 38 kt)
	07/25/23 20:47 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 --- CUCKOLD CREEK (CCK) [38.31, -76.93]

	07/25/23 20:55 EST		0	Marine Thunderstorm Wind (MG 35 kt)
	07/25/23 21:00 EST		0	Source: Buoy

Wind gusts of up to 35 knots (40 MPH) were measured by the Cuckold Creek WeatherFlow sensor (XCCK).

Remnant outflow from convection the day before over the Midwest combined with a lee pressure trough resulted in scattered to numerous showers and thunderstorms. Several produced localized gale- to storm-force winds over area waterways.

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

	07/27/23 18:04 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	07/27/23 18:04 EST		0	Source: ASOS

A thunderstorm 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.

A weak trough spawned several thunderstorms, one of which produced localized gale-force wind gusts over the upper tidal Potomac River.

PATAPSCO RIVER INCLUDING BALTIMORE HARBOR COUNTY --- 0.3 ESE BALTIMORE KEY BRIDGE (FSKM2) [39.22, -76.53]

	07/28/23 18:36 EST		0	Marine Thunderstorm Wind (MG 46 kt)
	07/28/23 19:00 EST		0	Source: Buoy

Wind gusts of up to 46 knots (53 MPH) were measured by the I-695 Francis Scott Key Bridge Northeast Tower NOS sensor (FSNM2).

PATAPSCO RIVER INCLUDING BALTIMORE HARBOR COUNTY --- 0.5 E BALTIMORE (BLTM2) [39.27, -76.57]

	07/28/23 18:39 EST		0	Marine Thunderstorm Wind (MG 38 kt)
	07/28/23 18:49 EST		0	Source: Mesonet

Wind gusts of up to 38 knots (44 MPH) were measured by a personal weather station at Canton - Baltimore Water Taxi (KMDBALT1181).

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

	07/28/23 18:48 EST		0	Marine Thunderstorm Wind (MG 39 kt)
	07/28/23 19:18 EST		0	Source: Buoy

Wind gusts of up to 39 knots (45 MPH) were measured by the Seneca Creek WeatherFlow sensor (XSNC).

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

	07/28/23 18:48 EST		0	Marine Thunderstorm Wind (MG 42 kt)
	07/28/23 18:54 EST		0	Source: Buoy

Wind gusts of up to 42 knots (48 MPH) were measured by the I-695 Francis Scott Key Bridge NOS sensor (FSKM2).

CHESAPEAKE BAY N OF POOLES IS MD COUNTY --- 1.2 NE HAVRE DE GRACE (HAVDG) [39.56, -76.09]

	07/28/23 18:55 EST		0	Marine Thunderstorm Wind (MG 39 kt)
	07/28/23 19:15 EST		0	Source: Mesonet

Wind gusts of up to 39 knots (45 MPH) were measured by a mesonet on the eastbound span of the US-40 Hatem Bridge (MD072).

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

	07/28/23 18:57 EST		0	Marine Thunderstorm Wind (MG 40 kt)
	07/28/23 19:12 EST		0	Source: Buoy

Wind gusts of up to 40 knots (46 MPH) were measured by the Hart Miller WeatherFlow sensor (XHRT).

CHESAPEAKE BAY POOLES IS TO SANDY PT MD COUNTY --- 0.4 NNE (KMTN)MARTIN STATE AIRPORT [39.34, -76.42]

	07/28/23 18:59 EST		0	Marine Thunderstorm Wind (MG 39 kt)
	07/28/23 18:59 EST		0	Source: Mesonet

Storm Data and Unusual Weather Phenomena - July 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
A wind gust of 39 knots (45 MPH) was measured by a mesonet at the intersection of MD-43 White Marsh Boulevard and MD-150 Eastern Boulevard (MD063) adjacent to the Chesapeake Bay.				
PATAPSCO RIVER INCLUDING BALTIMORE HARBOR COUNTY --- 2.8 W BALTIMORE KEY BRIDGE (FSKM2) [39.23, -76.58]				
	07/28/23 19:00 EST		0	Marine Thunderstorm Wind (MG 40 kt)
	07/28/23 19:00 EST		0	Source: Mesonet
A wind gust of 40 knots (46 MPH) was measured by a mesonet at Baltimore Tower (MSI05) adjacent to the tidal Patapsco River.				
PATAPSCO RIVER INCLUDING BALTIMORE HARBOR COUNTY --- HAMPSTEAD HILL ACADEMY (BLMHH) [39.29, -76.58]				
	07/28/23 19:00 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	07/28/23 19:00 EST		0	Source: Mesonet
A thunderstorm produced an estimated wind gust to 34 knots (39 MPH) near a mesonet at Hampstead Hill Academy (BLMHH) adjacent to the tidal Patapsco River.				
PATAPSCO RIVER INCLUDING BALTIMORE HARBOR COUNTY --- MARYLAND SCIENCE CENTER (BLMRE) [39.28, -76.61]				
	07/28/23 19:00 EST		0	Marine Thunderstorm Wind (MG 35 kt)
	07/28/23 19:00 EST		0	Source: Mesonet
A wind gust of 35 knots (40 MPH) was measured by a mesonet at the Maryland Science Center (BLMRE) adjacent to the tidal Patapsco River.				
CHESAPEAKE BAY POOLES IS TO SANDY PT MD COUNTY --- 3.2 NNW SANDY POINT (SPT) [39.05, -76.43]				
	07/28/23 19:02 EST		0	Marine Thunderstorm Wind (MG 48 kt)
	07/28/23 19:33 EST		0	Source: Mesonet
Wind gusts of up to 48 knots (55 MPH) were measured by a personal weather station at Persimmon Point (KMDANNAP2658) adjacent to the Chesapeake Bay.				
CHESAPEAKE BAY N OF POOLES IS MD COUNTY --- GROVE POINT (GVP) [39.40, -76.04]				
	07/28/23 19:09 EST		0	Marine Thunderstorm Wind (MG 38 kt)
	07/28/23 19:24 EST		0	Source: Buoy
Wind gusts of up to 38 knots (44 MPH) were measured by the Grove Point WeatherFlow sensor (XGVP).				
CHESAPEAKE BAY POOLES IS TO SANDY PT MD COUNTY --- TOLCHESTER MD (TCBM2) [39.21, -76.24]				
	07/28/23 19:12 EST		0	Marine Thunderstorm Wind (MG 43 kt)
	07/28/23 19:24 EST		0	Source: Buoy
Wind gusts of up to 43 knots (49 MPH) were measured by the Tolchester Beach NOS sensor (TCBM2).				
CHESAPEAKE BAY POOLES IS TO SANDY PT MD COUNTY --- 1.5 N TOLCHESTER MD (TCBM2) [39.23, -76.24]				
	07/28/23 19:15 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	07/28/23 19:15 EST		0	Source: Mesonet
A thunderstorm produced an estimated wind gust to 34 knots (39 MPH) near a Tempest station on North Bayview Avenue adjacent to the Chesapeake Bay.				
CHESTER RIVER TO QUEENSTOWN MD COUNTY --- 1.7 SSW ROCK HALL ES (RKHAL) [39.12, -76.25]				
	07/28/23 19:20 EST		0	Marine Thunderstorm Wind (MG 49 kt)
	07/28/23 19:25 EST		0	Source: Mesonet
Wind gusts of up to 49 knots (56 MPH) were measured by a Tempest station at Huntingfield Point adjacent to the tidal Chester River.				
TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- OCCOQUAN RIVER (OCC) [38.64, -77.22]				
	07/28/23 20:00 EST		0	Marine Thunderstorm Wind (MG 54 kt)
	07/28/23 20:20 EST		0	Source: Buoy
Wind gusts of up to 54 knots (62 MPH) were measured by the Occoquan River WeatherFlow sensor (XOCC).				
CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- THOMAS POINT (TPLM2) [38.90, -76.44]				
	07/28/23 20:18 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	07/28/23 20:18 EST		0	Source: Buoy

Storm Data and Unusual Weather Phenomena - July 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
A thunderstorm produced an estimated wind gust to 34 knots (39 MPH) near the Thomas Point NOS sensor (TPLM2).				
CHESAPEAKE BAY POOLES IS TO SANDY PT MD COUNTY --- 3.2 NNW SANDY POINT (SPT) [39.05, -76.43]				
	07/28/23 20:19 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	07/28/23 20:24 EST	0		Source: Mesonet
A thunderstorm produced an estimated wind gust to 34 knots (39 MPH) near a personal weather station at Persimmon Point (KMDANNAP2658) adjacent to the Chesapeake Bay.				
CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- 0.5 W GREENBURY POINT (GBY) [38.97, -76.47]				
	07/28/23 20:24 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	07/28/23 20:24 EST	0		Source: Mesonet
A thunderstorm produced an estimated wind gust to 34 knots (39 MPH) near a personal weather station at Annapolis Sailing School (KMDANNAP2625) adjacent to the Chesapeake Bay.				
CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- TOLLY POINT (TOL) [38.94, -76.44]				
	07/28/23 20:24 EST	0		Marine Thunderstorm Wind (MG 43 kt)
	07/28/23 20:34 EST	0		Source: Buoy
Wind gusts of up to 43 knots (49 MPH) were measured by the Tolly Point WeatherFlow sensor (XTOL).				
CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- GREENBURY POINT (GBY) [38.97, -76.46]				
	07/28/23 20:26 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	07/28/23 20:26 EST	0		Source: Buoy
A thunderstorm produced an estimated wind gust to 34 knots (39 MPH) near the Greenbury Point WeatherFlow sensor (XGBY).				
CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- 1.8 WNW THOMAS POINT (TPLM2) [38.91, -76.47]				
	07/28/23 20:30 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	07/28/23 20:35 EST	0		Source: Mesonet
A thunderstorm produced an estimated wind gust to 34 knots (39 MPH) near a Tempest station on Thomas Point Road adjacent to the Chesapeake Bay.				
A subtle remnant disturbance from prior day's convection over the Midwest amplified a pre-existing lee pressure trough, igniting numerous thunderstorms. Given the excessive hot, humid, and unstable environment, these thunderstorms were able to organize into clusters and lines despite a lack of stronger wind shear.				
TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- 0.3 SW GEORGE WASHINGTON UNIVERSITY (GWUNI) [38.90, -77.04]				
	07/29/23 15:40 EST	0		Marine Thunderstorm Wind (MG 42 kt)
	07/29/23 16:20 EST	0		Source: Mesonet
Wind gusts of up to 42 knots (48 MPH) were measured by a mesonet at the George Washington University Foggy Bottom Campus (1852W) adjacent to the tidal Potomac River.				
TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- OCCOQUAN RIVER (OCC) [38.64, -77.22]				
	07/29/23 15:45 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	07/29/23 16:23 EST	0		Source: Buoy
A thunderstorm produced estimated wind gusts to 34 knots (39 MPH) near the Occoquan River WeatherFlow sensor (XOCC).				
TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- (DCA)REAGAN NATIONAL AIRPORT [38.86, -77.03]				
	07/29/23 15:45 EST	0		Marine Thunderstorm Wind (MG 52 kt)
	07/29/23 16:25 EST	0		Source: ASOS
Wind gusts of up to 52 knots (60 MPH) were measured by the ASOS at Ronald Reagan Washington National Airport (KDCA) adjacent to the tidal Potomac River.				
PATAPSCO RIVER INCLUDING BALTIMORE HARBOR COUNTY --- BALTIMORE KEY BRIDGE (FSKM2) [39.22, -76.53]				
	07/29/23 15:48 EST	0		Marine Thunderstorm Wind (MG 41 kt)
	07/29/23 15:54 EST	0		Source: Buoy
Wind gusts of up to 41 knots (47 MPH) were measured by the I-695 Francis Scott Key Bridge NOS sensor (FSKM2).				

Storm Data and Unusual Weather Phenomena - July 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
PATAPSCO RIVER INCLUDING BALTIMORE HARBOR COUNTY --- 0.5 E BALTIMORE (BLTM2) [39.27, -76.57]				
	07/29/23 15:49 EST	0		Marine Thunderstorm Wind (MG 42 kt)
	07/29/23 15:54 EST	0		Source: Mesonet
Wind gusts of up to 42 knots (48 MPH) were measured by a personal weather station at Canton - Baltimore Water Taxi (KMDBALTI181).				
PATAPSCO RIVER INCLUDING BALTIMORE HARBOR COUNTY --- MARYLAND SCIENCE CENTER (BLMRE) [39.28, -76.61]				
	07/29/23 15:50 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	07/29/23 15:50 EST	0		Source: Mesonet
A thunderstorm produced an estimated wind gust to 34 knots (39 MPH) near a mesonet at the Maryland Science Center (BLMRE) adjacent to the tidal Patapsco River.				
CHESAPEAKE BAY POOLES IS TO SANDY PT MD COUNTY --- (KMTN)MARTIN STATE AIRPORT [39.33, -76.42]				
	07/29/23 15:54 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	07/29/23 15:54 EST	0		Source: AWOS
A thunderstorm produced an estimated wind gust to 34 knots (39 MPH) near the AWOS at Martin State Airport (KMTN) adjacent to the Chesapeake Bay.				
PATAPSCO RIVER INCLUDING BALTIMORE HARBOR COUNTY --- 0.3 ESE BALTIMORE KEY BRIDGE (FSKM2) [39.22, -76.53]				
	07/29/23 15:54 EST	0		Marine Thunderstorm Wind (MG 34 kt)
	07/29/23 15:54 EST	0		Source: Buoy
A wind gust of 34 knots (39 MPH) was measured by the I-695 Francis Scott Key Bridge Northeast Tower NOS sensor (FSNM2).				
TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- WASHINGTON DC (WASD2) [38.87, -77.02]				
	07/29/23 15:54 EST	0		Marine Thunderstorm Wind (MG 44 kt)
	07/29/23 16:12 EST	0		Source: Buoy
Wind gusts of up to 44 knots (51 MPH) were measured by the Washington Channel/Hains Point Park NOS Sensor (WASD2).				
CHESAPEAKE BAY N OF POOLES IS MD COUNTY --- WEIDE MD (KEDG) [39.39, -76.29]				
	07/29/23 15:55 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	07/29/23 15:55 EST	0		Source: AWOS
A thunderstorm produced an estimated wind gust to 34 knots (39 MPH) near the AWOS at Weide (KEDG) adjacent to the Chesapeake Bay.				
CHESAPEAKE BAY POOLES IS TO SANDY PT MD COUNTY --- HART MILLER ISLAND (HRT) [39.25, -76.37]				
	07/29/23 16:02 EST	0		Marine Thunderstorm Wind (MG 42 kt)
	07/29/23 16:07 EST	0		Source: Buoy
Wind gusts of up to 42 knots (48 MPH) were measured by the Hart Miller WeatherFlow sensor (XHRT).				
CHESAPEAKE BAY POOLES IS TO SANDY PT MD COUNTY --- SENECA CREEK [39.30, -76.36]				
	07/29/23 16:03 EST	0		Marine Thunderstorm Wind (MG 40 kt)
	07/29/23 16:03 EST	0		Source: Buoy
A wind gust of 40 knots (46 MPH) was measured by the Seneca Creek WeatherFlow sensor (XSNC).				
CHESAPEAKE BAY POOLES IS TO SANDY PT MD COUNTY --- 2.7 W HART MILLER ISLAND (HRT) [39.25, -76.42]				
	07/29/23 16:04 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	07/29/23 16:04 EST	0		Source: Mesonet
A thunderstorm produced an estimated wind gust to 34 knots (39 MPH) near a personal weather station at Holly Farm Beach (KMDESSEX50) adjacent to the Chesapeake Bay.				
CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- ANNAPOLIS (KNAK) [38.98, -76.48]				
	07/29/23 16:04 EST	0		Marine Thunderstorm Wind (MG 34 kt)
	07/29/23 16:04 EST	0		Source: ASOS
A wind gust of 34 knots (39 MPH) was measured by the ASOS at the U.S. Naval Academy in Annapolis (KNAK) adjacent to the Chesapeake Bay.				

Storm Data and Unusual Weather Phenomena - July 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- GEORGE MASON ES (ALXD2) [38.83, -77.07]				
	07/29/23 16:05 EST		0	Marine Thunderstorm Wind (MG 37 kt)
	07/29/23 16:05 EST		0	Source: Mesonet
A wind gust of 37 knots (43 MPH) was measured by a mesonet at George Mason Elementary School (ALXD2) adjacent to the tidal Potomac River.				
CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- 0.2 NNE ANNAPOLIS BUOY (44063) [38.96, -76.45]				
	07/29/23 16:06 EST		0	Marine Thunderstorm Wind (MG 37 kt)
	07/29/23 16:12 EST		0	Source: Buoy
Wind gusts of up to 37 knots (43 MPH) were measured by the Annapolis CBIBS sensor (44063).				
CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- GREENBURY POINT (GBY) [38.97, -76.46]				
	07/29/23 16:06 EST		0	Marine Thunderstorm Wind (MG 43 kt)
	07/29/23 16:16 EST		0	Source: Buoy
Wind gusts of up to 43 knots (49 MPH) were measured by the Greenbury Point WeatherFlow sensor (XGBY).				
CHESAPEAKE BAY POOLES IS TO SANDY PT MD COUNTY --- 3.2 NNW SANDY POINT (SPT) [39.05, -76.43]				
	07/29/23 16:09 EST		0	Marine Thunderstorm Wind (MG 35 kt)
	07/29/23 16:09 EST		0	Source: Mesonet
A wind gust of 35 knots (40 MPH) was measured by a personal weather station at Persimmon Point (KMDANNAP2658).				
CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- 0.5 W GREENBURY POINT (GBY) [38.97, -76.47]				
	07/29/23 16:09 EST		0	Marine Thunderstorm Wind (MG 49 kt)
	07/29/23 16:19 EST		0	Source: Mesonet
Wind gusts of up to 49 knots (56 MPH) were measured by a personal weather station at Annapolis Sailing School (KMDANNAP2625).				
CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- 0.9 NE SHADY SIDE ES (SHADY) [38.85, -76.50]				
	07/29/23 16:09 EST		0	Marine Thunderstorm Wind (MG 41 kt)
	07/29/23 16:29 EST		0	Source: Mesonet
Wind gusts of up to 41 knots (47 MPH) were measured by a personal weather station at Curtis Point (KMDSHADY19) adjacent to the Chesapeake Bay.				
CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- 1.8 WNW THOMAS POINT (TPLM2) [38.91, -76.47]				
	07/29/23 16:09 EST		0	Marine Thunderstorm Wind (MG 41 kt)
	07/29/23 16:14 EST		0	Source: Mesonet
Wind gusts of up to 41 knots (47 MPH) were measured by a personal weather station on Ramsgate Drive (KMDANNAP2704) adjacent to the Chesapeake Bay.				
CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- SAUNDERS POINT LIGHT [38.88, -76.48]				
	07/29/23 16:09 EST		0	Marine Thunderstorm Wind (MG 53 kt)
	07/29/23 16:19 EST		0	Source: Buoy
Wind gusts of up to 53 knots (61 MPH) were measured by the Saunders Point Light WeatherFlow sensor (XMTR).				
CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- TOLLY POINT (TOL) [38.94, -76.44]				
	07/29/23 16:09 EST		0	Marine Thunderstorm Wind (MG 44 kt)
	07/29/23 16:24 EST		0	Source: Buoy
Wind gusts of up to 44 knots (51 MPH) were measured by the Tolly Point WeatherFlow sensor (XTOL).				
CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- 0.8 NE SHADY SIDE ES (SHADY) [38.85, -76.50]				
	07/29/23 16:10 EST		0	Marine Thunderstorm Wind (MG 37 kt)
	07/29/23 16:20 EST		0	Source: Mesonet
Wind gusts of up to 37 knots (43 MPH) were measured by a Tempest station on Frederick Avenue adjacent to the Chesapeake Bay.				

Storm Data and Unusual Weather Phenomena - July 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- 1.1 WSW TOLLY POINT (TOL) [38.94, -76.46]				
	07/29/23 16:10 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	07/29/23 16:10 EST		0	Source: Mesonet
A thunderstorm produced an estimated wind gust to 34 knots (39 MPH) near a Tempest station on Wainwright Beach.				
CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- 1.8 WNW THOMAS POINT (TPLM2) [38.91, -76.47]				
	07/29/23 16:10 EST	0		Marine Thunderstorm Wind (MG 43 kt)
	07/29/23 16:20 EST		0	Source: Mesonet
Wind gusts of up to 43 knots (49 MPH) were measured by a Tempest station on Thomas Point Road adjacent to the Chesapeake Bay.				
CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- ST MARYS ES (ANNAS) [38.98, -76.49]				
	07/29/23 16:10 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	07/29/23 16:10 EST		0	Source: Mesonet
A thunderstorm produced an estimated wind gust to 34 knots (39 MPH) near a mesonet at Saint Mary's Elementary School (ANNAS).				
CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- THOMAS POINT (TPLM2) [38.90, -76.44]				
	07/29/23 16:11 EST	0		Marine Thunderstorm Wind (MG 58 kt)
	07/29/23 16:11 EST		0	Source: Buoy
A wind gust of 58 knots (67 MPH) was measured by the Thomas Point NOS sensor (TPLM2).				
CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- 1.7 ESE SANDY POINT SOUTH (NRSPTS) [38.99, -76.36]				
	07/29/23 16:12 EST	0		Marine Thunderstorm Wind (MG 49 kt)
	07/29/23 16:12 EST		0	Source: Mesonet
A wind gust of 49 knots (56 MPH) was measured by a mesonet at WPL Pier 31 (MD068).				
CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- SANDY POINT (SPT) [39.01, -76.40]				
	07/29/23 16:13 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	07/29/23 16:13 EST		0	Source: Buoy
A thunderstorm produced an estimated wind gust to 34 knots (39 MPH) near the Sandy Point WeatherFlow sensor (XSPT).				
CHESAPEAKE BAY N OF POOLES IS MD COUNTY --- 0.8 SSW GROVE POINT (GVP) [39.39, -76.04]				
	07/29/23 16:14 EST	0		Marine Thunderstorm Wind (MG 37 kt)
	07/29/23 16:19 EST		0	Source: Mesonet
Wind gusts of up to 37 knots (43 MPH) were measured by a personal weather station (Earleville Weather Station, KMDEARLE15) adjacent to the Chesapeake Bay.				
CHESAPEAKE BAY N OF POOLES IS MD COUNTY --- GROVE POINT (GVP) [39.40, -76.04]				
	07/29/23 16:14 EST	0		Marine Thunderstorm Wind (MG 51 kt)
	07/29/23 16:29 EST		0	Source: Buoy
Wind gusts of up to 51 knots (59 MPH) were measured by the Grove Point WeatherFlow sensor (XGVP).				
CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- 0.7 NW KENT POINT MD (KPTM2) [38.85, -76.38]				
	07/29/23 16:14 EST	0		Marine Thunderstorm Wind (MG 39 kt)
	07/29/23 16:24 EST		0	Source: Mesonet
Wind gusts of up to 39 knots (45 MPH) were measured by a personal weather station (Lighthouse View, KMDSTEVE73) adjacent to the Chesapeake Bay.				
CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- KENT ISLAND (KNT) [38.92, -76.36]				
	07/29/23 16:14 EST	0		Marine Thunderstorm Wind (MG 39 kt)
	07/29/23 16:24 EST		0	Source: Buoy
Wind gusts of up to 39 knots (45 MPH) were measured by the Kent Island WeatherFlow sensor (XKNT).				

Storm Data and Unusual Weather Phenomena - July 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- NATIONALS PARK (WSHNP) [38.87, -77.01]				
	07/29/23 16:15 EST	0		Marine Thunderstorm Wind (MG 39 kt)
	07/29/23 16:15 EST	0		Source: Mesonet
A wind gust to 39 knots (45 MPH) was measured by a mesonet at Nationals Park (WSHNP) adjacent to the tidal Potomac River.				
CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- 2.1 N KENT POINT MD (KPTM2) [38.87, -76.37]				
	07/29/23 16:19 EST	0		Marine Thunderstorm Wind (MG 61 kt)
	07/29/23 16:34 EST	0		Source: Mesonet
Wind gusts of up to 61 knots (70 MPH) were measured by a personal weather station at Northwest Creek (KMDSTEVE76) adjacent to the Chesapeake Bay.				
CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- 2.2 N KENT POINT MD (KPTM2) [38.87, -76.37]				
	07/29/23 16:19 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	07/29/23 16:19 EST	0		Source: Mesonet
A thunderstorm produced an estimated wind gust to 34 knots (39 MPH) near a personal weather station (Kratz Weather Station, KMDSTEVE113) adjacent to the Chesapeake Bay.				
EASTERN BAY COUNTY --- 7.4 SSW STEVENSVILLE (D2030) [38.86, -76.34]				
	07/29/23 16:19 EST	0		Marine Thunderstorm Wind (MG 43 kt)
	07/29/23 16:34 EST	0		Source: Mesonet
Wind gusts of up to 43 knots (49 MPH) were measured by a personal weather station at Cove Creek (KMDSTEVE97) adjacent to the Chesapeake Bay.				
CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- 2.5 N KENT POINT MD (KPTM2) [38.88, -76.37]				
	07/29/23 16:20 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	07/29/23 16:25 EST	0		Source: Mesonet
A thunderstorm produced an estimated wind gust to 34 knots (39 MPH) near a Tempest station on Beach Side Drive adjacent to the Chesapeake Bay.				
EASTERN BAY COUNTY --- 3.5 SE STEVENSVILLE (D2030) [38.92, -76.27]				
	07/29/23 16:20 EST	0		Marine Thunderstorm Wind (MG 43 kt)
	07/29/23 16:40 EST	0		Source: Mesonet
Wind gusts of up to 43 knots (49 MPH) were measured by a mesonet at Crab Alley Bay adjacent to Eastern Bay.				
CHESAPEAKE BAY POOLES IS TO SANDY PT MD COUNTY --- 5.3 ENE SANDY POINT (SPT) [39.04, -76.31]				
	07/29/23 16:24 EST	0		Marine Thunderstorm Wind (MG 37 kt)
	07/29/23 16:24 EST	0		Source: Mesonet
A wind gust of 37 knots (43 MPH) was measured by a personal weather station at Love Point (KMDSTEVE52) adjacent to the Chesapeake Bay.				
CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- 5.5 S KENT POINT MD (KPTM2) [38.76, -76.38]				
	07/29/23 16:24 EST	0		Marine Thunderstorm Wind (MG 51 kt)
	07/29/23 16:39 EST	0		Source: Mesonet
Wind gusts of up to 51 knots (59 MPH) were measured by a personal weather station on Poplar Island (Tilghman, KMDMARYL25).				
EASTERN BAY COUNTY --- 0.8 SSE US-50 (MD040) [38.96, -76.25]				
	07/29/23 16:24 EST	0		Marine Thunderstorm Wind (MG 38 kt)
	07/29/23 16:24 EST	0		Source: Mesonet
A wind gust of 38 knots (44 MPH) was measured by a mesonet on the US-50 Kent Narrows Bridge (MD040).				
CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- (KW29)BAY BRIDGE AIRPORT [38.98, -76.33]				
	07/29/23 16:25 EST	0		Marine Thunderstorm Wind (MG 41 kt)
	07/29/23 16:25 EST	0		Source: AWOS
A wind gust of 41 knots (47 MPH) was measured by the AWOS at Bay Bridge Airport (KW29) adjacent to the Chesapeake Bay.				

Storm Data and Unusual Weather Phenomena - July 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
EASTERN BAY COUNTY --- 3.5 S US-50 (MD040) [38.92, -76.26]				
	07/29/23 16:25 EST		0	Marine Thunderstorm Wind (MG 44 kt)
	07/29/23 16:35 EST		0	Source: Mesonet
Wind gusts of up to 44 knots (51 MPH) were measured by a personal weather station at Marling Farms (KMDCHEST20) adjacent to Eastern Bay.				
EASTERN BAY COUNTY --- 4.2 SE US-50 (MD040) [38.92, -76.21]				
	07/29/23 16:25 EST		0	Marine Thunderstorm Wind (MG 36 kt)
	07/29/23 17:00 EST		0	Source: Mesonet
Wind gusts of up to 36 knots (41 MPH) were measured by a personal weather station at Prospect Bay (KMDGRASO3) adjacent to Eastern Bay.				
EASTERN BAY COUNTY --- 5.4 SSE US-50 (MD040) [38.90, -76.21]				
	07/29/23 16:25 EST		0	Marine Thunderstorm Wind (MG 36 kt)
	07/29/23 17:05 EST		0	Source: Mesonet
Wind gusts of up to 36 knots (41 MPH) were measured by a mesonet at Piney Point/Grasonville (EW5728) adjacent to Eastern Bay.				
CHESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY --- 10.3 ENE ROD N REEL CHESAPEAKE BEACH (CHSRL) [38.72, -76.34]				
	07/29/23 16:29 EST		0	Marine Thunderstorm Wind (MG 50 kt)
	07/29/23 16:54 EST		0	Source: Mesonet
Wind gusts of up to 50 knots (58 MPH) were measured by a mesonet on the MD-33 Knapps Narrows Drawbridge (MD073).				
CHESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY --- 9.9 E ROD N REEL CHESAPEAKE BEACH (CHSRL) [38.70, -76.35]				
	07/29/23 16:29 EST		0	Marine Thunderstorm Wind (MG 52 kt)
	07/29/23 16:44 EST		0	Source: Mesonet
Wind gusts of up to 52 knots (60 MPH) were measured by a personal weather station at Bay House Tilghman Island (KMDTILGH14) adjacent to the Chesapeake Bay.				
CHOPTANK RIVER TO CAMBRIDGE MD AND THE LITTLE CHOPTANK RIVER COUNTY --- 3.0 E TILGHMAN ES (TILHM) [38.71, -76.28]				
	07/29/23 16:29 EST		0	Marine Thunderstorm Wind (MG 49 kt)
	07/29/23 16:54 EST		0	Source: Mesonet
Wind gusts of up to 49 knots (56 MPH) were measured by a personal weather station at Hannon Haus (KMDNEAVI6) adjacent to the tidal Choptank River.				
CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- 2.0 N KENT POINT MD (KPTM2) [38.87, -76.37]				
	07/29/23 16:30 EST		0	Marine Thunderstorm Wind (MG 57 kt)
	07/29/23 16:45 EST		0	Source: Mesonet
Wind gusts of up to 57 knots (66 MPH) were measured by a Tempest station on Beach Side Drive adjacent to the Chesapeake Bay.				
CHOPTANK RIVER TO CAMBRIDGE MD AND THE LITTLE CHOPTANK RIVER COUNTY --- BLACKWALNUT HARBOR (BWH) [38.68, -76.33]				
	07/29/23 16:33 EST		0	Marine Thunderstorm Wind (MG 50 kt)
	07/29/23 16:58 EST		0	Source: Buoy
Wind gusts of up to 50 knots (58 MPH) were measured by the Blackwalnut Harbor WeatherFlow sensor (XBWH).				
CHOPTANK RIVER TO CAMBRIDGE MD AND THE LITTLE CHOPTANK RIVER COUNTY --- 4.2 NW CHOPTANK RIVER (CHOP) [38.68, -76.22]				
	07/29/23 16:35 EST		0	Marine Thunderstorm Wind (MG 48 kt)
	07/29/23 17:05 EST		0	Source: Mesonet
Wind gusts of up to 48 knots (55 MPH) were measured by a Tempest station in Oxford adjacent to the tidal Choptank River.				
EASTERN BAY COUNTY --- 4.1 SSE US-50 (MD040) [38.92, -76.21]				
	07/29/23 16:40 EST		0	Marine Thunderstorm Wind (MG 34 kt)
	07/29/23 17:00 EST		0	Source: Mesonet
Wind gusts of up to 34 knots (39 MPH) were measured by a mesonet at Prospect Bay adjacent to Eastern Bay.				

Storm Data and Unusual Weather Phenomena - July 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
CHESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY --- GOOSSES REEF BUOY (44062) [38.56, -76.41]				
	07/29/23 16:42 EST		0	Marine Thunderstorm Wind (MG 43 kt)
	07/29/23 17:12 EST		0	Source: Buoy
Wind gusts of up to 43 knots (49 MPH) were measured by the Gooses Reef CBIBS sensor (44062).				
CHOPTANK RIVER TO CAMBRIDGE MD AND THE LITTLE CHOPTANK RIVER COUNTY --- 1.1 NNE CAMBRIDGE (CAMM2) [38.59, -76.06]				
	07/29/23 16:54 EST		0	Marine Thunderstorm Wind (MG 48 kt)
	07/29/23 17:34 EST		0	Source: Mesonet
Wind gusts of up to 48 knots (55 MPH) were measured by a mesonet on the US-50 Choptank River Bridge (MD004).				
CHOPTANK RIVER TO CAMBRIDGE MD AND THE LITTLE CHOPTANK RIVER COUNTY --- CAMBRIDGE (CAMM2) [38.57, -76.07]				
	07/29/23 16:54 EST		0	Marine Thunderstorm Wind (MG 45 kt)
	07/29/23 17:30 EST		0	Source: Buoy
Wind gusts of up to 45 knots (52 MPH) were measured by the Cambridge/Eaton Point Light NOS sensor (CAMM2).				
CHOPTANK RIVER TO CAMBRIDGE MD AND THE LITTLE CHOPTANK RIVER COUNTY --- 6.9 WSW HORN POINT LAB (HPLWS) [38.54, -76.24]				
	07/29/23 17:00 EST		0	Marine Thunderstorm Wind (MG 36 kt)
	07/29/23 17:14 EST		0	Source: Mesonet
Wind gusts of up to 36 knots (42 MPH) were measured by a mesonet in Cambridge (GW0807) adjacent to the tidal Choptank River.				
EASTERN BAY COUNTY --- 10.3 SSE STEVENSVILLE (D2030) [38.82, -76.24]				
	07/29/23 17:04 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	07/29/23 17:04 EST		0	Source: Mesonet
A thunderstorm produced an estimated wind gust to 34 knots (39 MPH) near a personal weather station (Pintail Weather Station, KMDSAIN52) adjacent to Eastern Bay.				
CHESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY --- 2.6 S MID BAY BUOY [38.43, -76.39]				
	07/29/23 17:06 EST		0	Marine Thunderstorm Wind (MG 57 kt)
	07/29/23 18:00 EST		0	Source: Buoy
Wind gusts of up to 57 knots (66 MPH) were measured by the Cove Point NOS sensor (COVM2).				
TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- MONROE CREEK (MON) [38.23, -76.95]				
	07/29/23 17:17 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	07/29/23 17:22 EST		0	Source: Buoy
A thunderstorm produced estimated wind gusts to 34 knots (39 MPH) near the Monroe Creek WeatherFlow sensor (XMON).				
CHESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY --- 12.9 SE MID BAY BUOY [38.32, -76.23]				
	07/29/23 17:18 EST		0	Marine Thunderstorm Wind (MG 39 kt)
	07/29/23 18:00 EST		0	Source: Mesonet
Wind gusts of up to 39 knots (45 MPH) were measured by a mesonet on Hoopers Island.				
PATUXENT RIVER TO BROOMES ISLAND MD COUNTY --- SOLOMONS ISLAND (SLIM2) [38.32, -76.45]				
	07/29/23 17:18 EST		0	Marine Thunderstorm Wind (MG 39 kt)
	07/29/23 18:00 EST		0	Source: Buoy
Wind gusts of up to 39 knots (45 MPH) were measured by one of the Solomons Island NOS sensors (SLIM2).				
TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY --- 6.8 NNW LOWER HOOPERS ISLAND (HPR) [38.35, -76.23]				
	07/29/23 17:24 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	07/29/23 17:24 EST		0	Source: Mesonet
A thunderstorm produced an estimated wind gust to 34 knots (39 MPH) near a personal weather station at Honga Point (KMDCHURC39).				

Storm Data and Unusual Weather Phenomena - July 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- POTOMAC LIGHT 33 (LT3) [38.34, -76.99]				
	07/29/23 17:25 EST		0	Marine Thunderstorm Wind (MG 35 kt)
	07/29/23 17:25 EST		0	Source: Buoy
A wind gust of 35 knots (40 MPH) was measured by the Potomac Light 33 WeatherFlow sensor (XLT3).				
TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- COBB POINT (COB) [38.24, -76.83]				
	07/29/23 17:29 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	07/29/23 17:29 EST		0	Source: Buoy
A thunderstorm produced an estimated wind gust to 34 knots (39 MPH) near the Cobb Point WeatherFlow sensor (XCOB).				
TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY --- LOWER HOOPERS ISLAND (HPR) [38.26, -76.18]				
	07/29/23 17:31 EST		0	Marine Thunderstorm Wind (MG 40 kt)
	07/29/23 18:16 EST		0	Source: Buoy
Wind gusts of up to 40 knots (46 MPH) were measured by the Lower Hooper Island WeatherFlow sensor (XHPR).				
TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY --- BISHOPS HEAD (BISM2) [38.22, -76.04]				
	07/29/23 17:42 EST		0	Marine Thunderstorm Wind (MG 37 kt)
	07/29/23 18:30 EST		0	Source: Buoy
Wind gusts of up to 37 knots (43 MPH) were measured by the Bishops Head Pier NOS sensor (BISM2).				
TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- PINEY POINT (PPTM2) [38.13, -76.53]				
	07/29/23 17:54 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	07/29/23 17:54 EST		0	Source: Buoy
A thunderstorm produced an estimated wind gust to 34 knots (39 MPH) near the Piney Point NOS sensor (PPTM2).				
TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY --- RACCOON POINT (RAC) [38.14, -75.79]				
	07/29/23 18:00 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	07/29/23 18:00 EST		0	Source: Buoy
A thunderstorm produced an estimated wind gust to 34 knots (39 MPH) near the Raccoon Point WeatherFlow sensor (XRAC).				
TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- LEWISSETTA MD (LWTV2) [38.00, -76.47]				
	07/29/23 18:00 EST		0	Marine Thunderstorm Wind (MG 41 kt)
	07/29/23 18:00 EST		0	Source: Buoy
A wind gust of 41 knots (47 MPH) was measured by one of the Lewisetta NOS sensors (LWTV2).				
TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY --- 7.2 E BISHOPS HEAD (BISM2) [38.20, -75.91]				
	07/29/23 18:09 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	07/29/23 18:09 EST		0	Source: Mesonet
A thunderstorm produced an estimated wind gust to 34 knots (39 MPH) near a personal weather station at The Old Bay House (KMDDEAL19) adjacent to Tangier Sound.				
CHESAPEAKE BAY DRUM PT TO SMITH PT VA COUNTY --- POINT LOOKOUT (PTL) [38.04, -76.32]				
	07/29/23 18:14 EST		0	Marine Thunderstorm Wind (MG 37 kt)
	07/29/23 18:14 EST		0	Source: Buoy
A wind gust of 37 knots (43 MPH) was measured by the Point Lookout WeatherFlow sensor (XPTL).				
TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- 5.5 S POTOMAC POINT LOOKOUT BUOY (44042) [37.95, -76.35]				
	07/29/23 18:14 EST		0	Marine Thunderstorm Wind (MG 39 kt)
	07/29/23 18:14 EST		0	Source: Mesonet
A wind gust of 39 knots (45 MPH) was measured by a personal weather station on the Potomac River at Marshalls Beach (KVAHEATH22).				

Storm Data and Unusual Weather Phenomena - July 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- 8.1 SSE POTOMAC POINT LOOKOUT BUOY (44042) [37.92, -76.29]				
	07/29/23 18:19 EST		0	Marine Thunderstorm Wind (MG 34 kt)
	07/29/23 18:19 EST		0	Source: Mesonet
A wind gust of 34 knots (39 MPH) was measured by a personal weather station at Devil's Wood Yard (KVAOPHEL1) adjacent to the tidal Potomac River.				
TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY --- CRISFIELD CG (CRS) [37.97, -75.88]				
	07/29/23 18:31 EST		0	Marine Thunderstorm Wind (MG 41 kt)
	07/29/23 18:51 EST		0	Source: Buoy
Wind gusts of up to 41 knots (47 MPH) were measured by the Crisfield WeatherFlow sensor (XCRS).				
TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- 5.9 S POTOMAC POINT LOOKOUT BUOY (44042) [37.95, -76.34]				
	07/29/23 18:40 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	07/29/23 18:40 EST		0	Source: Mesonet
A thunderstorm produced an estimated wind gust to 34 knots (39 MPH) near a Tempest station on Fleet Road adjacent to the tidal Potomac River.				
CHESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY --- 12.9 SE MID BAY BUOY [38.32, -76.23]				
	07/29/23 19:01 EST		0	Marine Thunderstorm Wind (MG 43 kt)
	07/29/23 19:20 EST		0	Source: Mesonet
Wind gusts of up to 43 knots (49 MPH) were measured by a mesonet on Hoopers Island.				
TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY --- RACCOON POINT (RAC) [38.14, -75.79]				
	07/29/23 19:01 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	07/29/23 19:01 EST		0	Source: Buoy
A thunderstorm produced an estimated wind gust to 34 knots (39 MPH) near the Raccoon Point WeatherFlow sensor (XRAC).				
CHESAPEAKE BAY DRUM PT TO SMITH PT VA COUNTY --- LOWER HOOPER ISLAND (HPR) [38.26, -76.18]				
	07/29/23 19:06 EST		0	Marine Thunderstorm Wind (MG 39 kt)
	07/29/23 19:26 EST		0	Source: Buoy
Wind gusts of up to 39 knots (45 MPH) were measured by the Lower Hooper Island WeatherFlow sensor (XHPR).				
CHESAPEAKE BAY DRUM PT TO SMITH PT VA COUNTY --- PATUXENT RIVER ASOS (KNHK) [38.29, -76.41]				
	07/29/23 19:13 EST		0	Marine Thunderstorm Wind (MG 52 kt)
	07/29/23 19:15 EST		0	Source: ASOS
Wind gusts of up to 52 knots (60 MPH) were measured by the ASOS at Patuxent River Naval Air Station (KNHK) adjacent to the Chesapeake Bay and tidal Patuxent River.				
TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY --- BISHOPS HEAD (BISM2) [38.22, -76.04]				
	07/29/23 19:24 EST		0	Marine Thunderstorm Wind (MG 37 kt)
	07/29/23 20:00 EST		0	Source: Buoy
Wind gusts of up to 37 knots (43 MPH) were measured by the Bishops Head Pier NOS sensor (BISM2).				
TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- COBB POINT (COB) [38.24, -76.83]				
	07/29/23 19:34 EST		0	Marine Thunderstorm Wind (MG 40 kt)
	07/29/23 19:34 EST		0	Source: Buoy
A wind gust of 40 knots (46 MPH) was measured by the Cobb Point WeatherFlow sensor (XCOB).				
TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY --- 7.2 SE BISHOPS HEAD (BISM2) [38.14, -75.96]				
	07/29/23 19:35 EST		0	Marine Thunderstorm Wind (MG 53 kt)
	07/29/23 19:35 EST		0	Source: Mesonet
A wind gust of 53 knots (61 MPH) was measured by a Tempest station on Marina Drive adjacent to Tangier Sound.				

Storm Data and Unusual Weather Phenomena - July 2023

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

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

	07/29/23 19:41 EST	0	Marine Thunderstorm Wind (MG 46 kt)
	07/29/23 19:51 EST	0	Source: Buoy

Wind gusts of up to 46 knots (53 MPH) were measured by the Crisfield WeatherFlow sensor (XCRS).

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

	07/29/23 19:46 EST	0	Marine Thunderstorm Wind (EG 34 kt)
	07/29/23 19:51 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 --- 0.7 S CRISFIELD FIRE DEPARTMENT (CRSFL) [37.97, -75.86]

	07/29/23 19:50 EST	0	Marine Thunderstorm Wind (MG 37 kt)
	07/29/23 19:50 EST	0	Source: Mesonet

A wind gust of 37 knots (43 MPH) was measured by a Tempest station at Hammock Pointe adjacent to Tangier Sound.

TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- PINEY POINT (PPTM2) [38.13, -76.53]

	07/29/23 20:00 EST	0	Marine Thunderstorm Wind (MG 36 kt)
	07/29/23 20:00 EST	0	Source: Buoy

A wind gust of 36 knots (41 MPH) was measured by the Piney Point NOS sensor (PPTM2).

TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY --- 7.2 SE BISHOPS HEAD (BISM2) [38.14, -75.96]

	07/29/23 20:35 EST	0	Marine Thunderstorm Wind (MG 45 kt)
	07/29/23 20:45 EST	0	Source: Mesonet

Wind gusts of up to 45 knots (52 MPH) were measured by a Tempest station on Marina Drive adjacent to Tangier Sound.

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

	07/29/23 20:56 EST	0	Marine Thunderstorm Wind (MG 34 kt)
	07/29/23 21:11 EST	0	Source: Buoy

Wind gusts of up to 34 knots (39 MPH) were measured by the Crisfield WeatherFlow sensor (XCRS).

A strong cold front intersected a very hot, humid, and unstable airmass across the Mid-Atlantic shortly after peak heating. Aided by dynamics and moderately strong shear from an approaching upper-level trough, the front spawned bands of thunderstorms that produced up to storm-force winds over area waterways.

DISTRICT OF COLUMBIA

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

	07/14/23 17:05 EST	50K	Thunderstorm Wind (EG 52 kt)
	07/14/23 17:05 EST	0	Source: Trained Spotter

A large tree blew down onto a house in the 3600 block of Jocelyn Street Northwest.

DISTRICT OF COLUMBIA COUNTY --- 0.5 W NATIONAL ARBORETUM [38.92, -76.98]

	07/14/23 17:13 EST	5K	Thunderstorm Wind (EG 52 kt)
	07/14/23 17:13 EST	0	Source: 911 Call Center

Several trees blew down in Northeast DC.

DISTRICT OF COLUMBIA COUNTY --- 1.1 W BROOKLAND [38.93, -77.02]

	07/14/23 17:20 EST	5K	Thunderstorm Wind (EG 52 kt)
	07/14/23 17:20 EST	0	Source: NWS Employee

A tree blew down onto a car on Harvard Street Northwest near McMillan Reservoir.

Storm Data and Unusual Weather Phenomena - July 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
DISTRICT OF COLUMBIA COUNTY --- 1.5 SSW ANACOSTIA [38.85, -76.98]				
	07/14/23 17:31 EST		0.25M	Thunderstorm Wind (EG 61 kt)
	07/14/23 17:31 EST		0	Source: 911 Call Center

Part of a roof was torn off a building and dozens of trees blew down near Alabama Avenue Southeast.

A cold front slowed as it approached the Appalachian Mountains, intersecting a hot, humid, and unstable airmass. This resulted in scattered to numerous showers and thunderstorms, several of which became severe producing widely scattered instances of wind damage and isolated large hail. A couple of localized considerable instances of wind damage were noted near Washington, DC, and its western suburbs.

(DC-Z001) DISTRICT OF COLUMBIA				
	07/28/23 13:00 EST		0	Excessive Heat
	07/28/23 17:00 EST		0	

The combination of a strong upper-level high pressure over the central United States and moist southwest winds resulted in hot and humid conditions across the Mid-Atlantic that produced excessive heat conditions.

DISTRICT OF COLUMBIA COUNTY --- 2.1 W GEORGETOWN [38.92, -77.09]				
	07/29/23 15:30 EST		20M	Thunderstorm Wind (MG 73 kt)
	07/29/23 16:00 EST	2	0	Source: Emergency Manager

A wind gust of 73 knots (84 MPH) was measured by a mesonet at the George Washington University Mount Vernon Campus (1855W). Thousands of trees, branches, wires and poles blew down in Palisades, Wesley Heights, Cathedral Heights, Woodley Park, Observatory Circle, Foxhall Village, Adams Morgan, Cleveland Park, and DuPont Circle, including dozens onto cars, homes and businesses. Several apartment buildings lost their roof, including along Wisconsin Avenue Northwest; other homes particularly in the Wesley Heights neighborhood suffered roof and siding damage from the wind. A large tree blew down onto an SUV on Foxhall Road Northwest, injuring two occupants. The National Zoo was closed for a couple of days due to dozens of trees and large branches that blew down in the park. Massachusetts Avenue Northwest, Canal Road Northwest, Arizona Avenue Northwest, Chain Bridge Road Northwest, Lowell Street Northwest, and Loughboro Road Northwest remained closed for several days due to fallen trees, wires, and storm debris.

DISTRICT OF COLUMBIA COUNTY --- 1.2 SW NATIONAL ARBORETUM [38.91, -76.99]				
	07/29/23 15:40 EST		5M	Thunderstorm Wind (EG 61 kt)
	07/29/23 16:00 EST		0	Source: Emergency Manager

Dozens of trees, branches and wires blew down in Columbia Heights, Petworth, Fort Totten, Michigan Park, University Heights, Brookland, Brentwood, and Trinidad. A large tree blew down onto a residence on Queen Street Northeast, displacing a dozen residents.

A strong cold front intersected a very hot, humid, and unstable airmass across the Mid-Atlantic shortly after peak heating. Aided by dynamics and moderately strong shear from an approaching upper-level trough, the front spawned bands of thunderstorms that produced considerable wind damage particularly in the I-95 corridor. Some areas saw the worst thunderstorm-driven wind speeds and damage since the derecho in June 2012, though the area affected by the highest magnitude of winds was not nearly as large.

MARYLAND, Central

PRINCE GEORGE'S COUNTY --- 1.5 SSE CHELTENHAM [38.71, -76.82]				
	07/01/23 15:33 EST		2K	Thunderstorm Wind (EG 52 kt)
	07/01/23 15:33 EST		0	Source: 911 Call Center

A couple of trees and branches blew down off of Cross Road Trail near North Keys Park.

CHARLES COUNTY --- 0.6 ENE TOMPKINSVILLE [38.32, -76.89]				
	07/01/23 17:34 EST		5K	Thunderstorm Wind (EG 52 kt)
	07/01/23 17:34 EST		0	Source: 911 Call Center

Wires, branches, and trees blew down on Mount Victoria Road.

A pressure trough ignited a few thunderstorms that produced spotty wind damage during the late afternoon hours.

PRINCE GEORGE'S COUNTY --- 1.2 SSW CHELTENHAM [38.71, -76.84], 1.1 NE BRANDYWINE [38.71, -76.84], 1.1 NE BRANDYWINE [38.71, -76.84], 1.1 SSW CHELTENHAM [38.71, -76.84]				
--	--	--	--	--

Storm Data and Unusual Weather Phenomena - July 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/01/23 16:33 EST		0	Flash Flood (due to Heavy Rain)
	07/01/23 17:33 EST		0	Source: 911 Call Center
A car became stuck in flood waters along Cherry Tree Crossing Road near Old Indian Head Road.				
Showers and thunderstorms developed around a surface trough on the afternoon and evening. A slow moving thunderstorms led to an isolated instance of flash flooding in Prince Georges County Maryland.				
BALTIMORE CITY (C) COUNTY --- 0.5 E WOODBERRY [39.35, -76.66]				
	07/02/23 17:32 EST		2K	Thunderstorm Wind (EG 52 kt)
	07/02/23 17:32 EST		0	Source: 911 Call Center
Two trees blew down in the Cylburn neighborhood.				
BALTIMORE COUNTY --- 1.3 WNW PARKVILLE [39.39, -76.57]				
	07/02/23 17:44 EST		20K	Thunderstorm Wind (EG 52 kt)
	07/02/23 17:44 EST		0	Source: 911 Call Center
Wind damage was reported near Parkville, including a large tree that blew down onto power lines snapping a power pole in the 8300 block of MD-542 Loch Raven Boulevard.				
BALTIMORE COUNTY --- 1.1 WSW OAKLEIGH [39.39, -76.57]				
	07/02/23 17:45 EST		20K	Thunderstorm Wind (EG 52 kt)
	07/02/23 17:45 EST		0	Source: 911 Call Center
Wind damage was reported northwest of Parkville, including a large tree that blew down onto power lines snapping a power pole in the 8500 block of Pleasant Plains Road.				
ANNE ARUNDEL COUNTY --- 0.1 SE GREEN HAVEN [39.13, -76.55]				
	07/02/23 18:16 EST		25K	Thunderstorm Wind (EG 61 kt)
	07/02/23 18:16 EST		0	Source: 911 Call Center
There were at least five calls for numerous trees blown down throughout Pasadena.				
ANNE ARUNDEL COUNTY --- 0.5 W LAKE SHR [39.10, -76.49]				
	07/02/23 18:28 EST		10K	Thunderstorm Wind (EG 56 kt)
	07/02/23 18:28 EST		0	Source: 911 Call Center
Numerous trees blew down between Lake Shore and Arcadia.				
GARRETT COUNTY --- 2.5 E LOCH LYNN HGTS [39.38, -79.33]				
	07/02/23 21:39 EST		3K	Thunderstorm Wind (EG 52 kt)
	07/02/23 21:39 EST		0	Source: Public
Multiple trees blew down along Bethlehem Road between MD-560 Gorman Road and Eagle Rock Road.				
A couple of severe thunderstorms initiated off the bay breeze near and to the south of Baltimore. Meanwhile, a couple of isolated thunderstorms produced sporadic wind damage further west in the vicinity of a lee pressure trough.				
CHARLES COUNTY --- 0.6 NW GLYMONT [38.61, -77.14]				
	07/03/23 16:32 EST		3K	Thunderstorm Wind (EG 52 kt)
	07/03/23 16:32 EST		0	Source: 911 Call Center
Multiple trees blew down in the Potomac Heights area.				
CHARLES COUNTY --- 0.6 W POMONKEY [38.62, -77.08]				
	07/03/23 16:34 EST		3K	Thunderstorm Wind (EG 52 kt)
	07/03/23 16:34 EST		0	Source: 911 Call Center
Multiple trees blew down in the Bryans Road area.				
CHARLES COUNTY --- 1.3 WSW MATTAWOMAN [38.64, -76.90]				

Storm Data and Unusual Weather Phenomena - July 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/03/23 16:52 EST		4K	Thunderstorm Wind (EG 52 kt)
	07/03/23 16:52 EST		0	Source: 911 Call Center
A couple of trees and power lines blew down near Waldorf.				
<hr/>				
CALVERT COUNTY --- 1.0 W NORTH BEACH [38.70, -76.55]				
	07/03/23 17:23 EST		2K	Thunderstorm Wind (EG 52 kt)
	07/03/23 17:23 EST		0	Source: 911 Call Center
A couple of trees blew down on Fifth Street near Boyds Turn Road.				
<hr/>				
BALTIMORE COUNTY --- 1.2 WSW ROGERS FORGE [39.40, -76.62]				
	07/03/23 18:19 EST		3K	Thunderstorm Wind (EG 52 kt)
	07/03/23 18:19 EST		0	Source: 911 Call Center
A few trees blew down in Towson.				
<hr/>				
BALTIMORE COUNTY --- 1.6 SW LONG GREEN [39.45, -76.55]				
	07/03/23 18:31 EST		1K	Thunderstorm Wind (EG 52 kt)
	07/03/23 18:31 EST		0	Source: 911 Call Center
Tree damage was reported southwest of Long Green, including a tree that blew down near the intersection of Morgan Mill Road and Loch Raven Drive.				
<hr/>				
BALTIMORE COUNTY --- 0.5 NW OAKLEIGH [39.41, -76.56]				
	07/03/23 18:36 EST		10K	Thunderstorm Wind (EG 52 kt)
	07/03/23 18:36 EST		0	Source: 911 Call Center
Tree damage was reported near Hampton, including a tree that blew down onto a house in the 1900 block of Haverhill Road.				
<hr/>				
BALTIMORE COUNTY --- 0.6 SW NOTCH CLIFF [39.43, -76.53]				
	07/03/23 18:37 EST		20K	Thunderstorm Wind (EG 52 kt)
	07/03/23 18:37 EST		0	Source: 911 Call Center
Tree damage was reported in Carney, including a tree that blew down and took down a utility pole at the intersection of Glen Arm Road and Cromwell Bridge Road.				
<hr/>				
BALTIMORE COUNTY --- 0.6 E FORK [39.47, -76.44]				
	07/03/23 18:40 EST		5K	Thunderstorm Wind (EG 52 kt)
	07/03/23 18:40 EST		0	Source: Emergency Manager
Tree damage was reported northwest of Kingsville, including a tree that blew down near the intersection of Sunshine Avenue and MD-147 Harford Road. A tree and numerous branches also blew down nearby on Mount Vista Road near Glen Arm Road.				
<hr/>				
BALTIMORE COUNTY --- 1.1 ENE PERRY HALL [39.42, -76.45]				
	07/03/23 18:40 EST		1K	Thunderstorm Wind (EG 52 kt)
	07/03/23 18:40 EST		0	Source: 911 Call Center
Tree damage was reported northeast of Perry Hall, including a tree that blew down near the intersection of US-1 Belair Road and Miller Road.				
<hr/>				
CECIL COUNTY --- 1.2 NNW PORT DEPOSIT [39.62, -76.13]				
	07/03/23 19:16 EST		1K	Thunderstorm Wind (EG 52 kt)
	07/03/23 19:16 EST		0	Source: 911 Call Center
Tree damage was reported near Port Deposit, including a tree that blew down in the 500 block of MD-222 Susquehanna River Road.				
<hr/>				
CECIL COUNTY --- 1.6 NE COWENTOWN [39.70, -75.80]				
	07/03/23 19:19 EST		1K	Thunderstorm Wind (EG 52 kt)
	07/03/23 19:19 EST		0	Source: 911 Call Center
Tree damage was reported near Appleton, including a tree that blew down onto Little Egypt Road.				
<hr/>				
CECIL COUNTY --- 1.5 W WOODLAWN [39.63, -76.10]				

Storm Data and Unusual Weather Phenomena - July 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/03/23 19:21 EST		1K	Thunderstorm Wind (EG 52 kt)
	07/03/23 19:21 EST		0	Source: 911 Call Center

Tree damage was reported near Woodlawn, including a tree that blew down near the intersection of Burlin Road and Rock Run Road.

CECIL COUNTY --- 0.9 WNW BELVEDERE [39.60, -76.04]

	07/03/23 19:25 EST		1K	Thunderstorm Wind (EG 52 kt)
	07/03/23 19:25 EST		0	Source: 911 Call Center

Tree damage was reported southeast of Woodlawn, including a tree that blew down in the 900 block of Winch Road.

A cold front sparked a few lines of thunderstorms. These thunderstorms produced localized wind damage, most notably over northeastern Maryland during the early evening hours.

HARFORD COUNTY --- 0.4 NW JOPPA [39.43, -76.37], 0.5 SW JOPPA [39.43, -76.38], 0.7 WSW JOPPA [39.42, -76.38], 0.6 WNW JOPPA [39.43, -76.38]

	07/03/23 22:28 EST		0	Flash Flood (due to Heavy Rain)
	07/04/23 00:00 EST		0	Source: 911 Call Center

A swift water rescue was needed between Route 40 and Route 7. Three cars were stranded with water flowing across the road 6 to 12 inches deep.

HARFORD COUNTY --- 0.4 NNW JOPPA [39.44, -76.37], 0.6 SSE JERUSALEM [39.44, -76.38], 0.8 NW JOPPA [39.44, -76.38], 0.6 WNW JOPPA [39.43, -76.38]

	07/03/23 22:31 EST		0	Flood (due to Heavy Rain)
	07/04/23 00:31 EST		0	Source: 911 Call Center

I-95 was partially closed northbound due to standing water between mile markers 72 and 75.

HARFORD COUNTY --- 1.0 SSW VAN BIBBER [39.44, -76.31], 1.1 NNW EDGEWOOD [39.44, -76.31], 1.0 NNW EDGEWOOD [39.43, -76.31], 1.0 SSW VAN BIBBER [39.44, -76.31]

	07/03/23 22:33 EST		0	Flood (due to Heavy Rain)
	07/04/23 00:33 EST		0	Source: 911 Call Center

Edgewood Road was closed at Route 40 due to high water.

BALTIMORE COUNTY --- 0.3 ESE WHITE MARSH [39.38, -76.42], 0.3 ESE WHITE MARSH [39.38, -76.43], 0.3 ESE WHITE MARSH [39.38, -76.42], 0.3 ESE WHITE MARSH [39.38, -76.42]

	07/03/23 22:50 EST		0	Flood (due to Heavy Rain)
	07/03/23 23:05 EST		0	Source: River/Stream Gage

The water level rose above 6 feet along the HoneyGo Run in White Marsh. At 6 feet, water begins to flow behind a business on Ebenezer Road.

BALTIMORE COUNTY --- 1.6 W WHITE MARSH [39.38, -76.46], 1.4 WSW WHITE MARSH [39.38, -76.46], 1.3 WSW WHITE MARSH [39.38, -76.45], 1.4 WSW WHITE MARSH [39.37, -76.45], 1.5 WSW WHITE MARSH [39.37, -76.46], 1.6 W WHITE MARSH [39.38, -76.46]

	07/03/23 22:55 EST		0	Flash Flood (due to Heavy Rain)
	07/03/23 23:40 EST		0	Source: River/Stream Gage

The water level along White Marsh Run at White Marsh rose rapidly above the flood stage of 11 feet, cresting at 12.44 feet at 11:20 PM EST. Water covered the parking lots near the stream, particularly near the Town Center Court. Water was likely flowing and about 1 to 2 feet deep.

BALTIMORE COUNTY --- 1.1 SE PERRY HALL [39.41, -76.46], 1.2 SSE PERRY HALL [39.41, -76.46], 1.4 SSE PERRY HALL [39.40, -76.46], 1.4 SSE PERRY HALL [39.40, -76.46], 1.3 SE PERRY HALL [39.41, -76.45]

	07/03/23 23:30 EST		0	Flash Flood (due to Heavy Rain)
	07/04/23 00:30 EST		0	Source: 911 Call Center

Two cars were stuck in a flooded roadway near the 9100 Block of Snyder Lane.

CECIL COUNTY --- 2.4 NNE CECILTON [39.43, -75.87], 1.4 NE CRYSTAL BEACH [39.44, -75.96], 2.9 SSW CRYSTAL BEACH [39.39, -76.00], 1.7 E CECILTON [39.40, -75.85]

	07/04/23 00:50 EST		0	Flood (due to Heavy Rain)
	07/04/23 01:40 EST		0	Source: 911 Call Center

Grove Neck Road near Crystal Beach Road closed due to standing water. Pinewood Road closed near Cabin John Creek due to high water.

Storm Data and Unusual Weather Phenomena - July 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<p>Showers and thunderstorms developed ahead of a weak boundary. A few areas received multiple rounds of storms, resulting in isolated instances of flash flooding and flooding.</p>				
<hr/>				
CARROLL COUNTY --- 2.0 SSE COVER [39.40, -77.10]				
	07/06/23 13:10 EST		5K	Thunderstorm Wind (EG 52 kt)
	07/06/23 13:10 EST		0	Source: Trained Spotter
<p>Several trees and branches blew down near Watersville, including near the intersection of Flag Marsh Road and Watersville Road, Watersville Road and Gillis Falls Road, and Gillis Ford Road and John Pickett Road.</p>				
<p>Unstable air along a pressure trough well ahead of a cold front over the Ohio River Valley sparked scattered thunderstorms during the afternoon and evening hours. Localized wind damage was reported in northern Maryland, and a considerably severe thunderstorm affected parts of the central Shenandoah Valley in Virginia.</p>				
<hr/>				
HOWARD COUNTY --- 1.0 N NORTH LAUREL [39.14, -76.88]				
	07/07/23 10:59 EST		2K	Thunderstorm Wind (EG 52 kt)
	07/07/23 10:59 EST		0	Source: 911 Call Center
<p>Tree damage was reported near Scaggsville, including a large tree that blew down in the 10600 block of Delfield Court.</p>				
<hr/>				
HARFORD COUNTY --- 1.5 NNE UPPER XRDS [39.57, -76.47]				
	07/07/23 12:03 EST		5K	Thunderstorm Wind (EG 52 kt)
	07/07/23 12:03 EST		0	Source: Public
<p>A large tree and multiple large tree limbs blew down in the 1900 block of Parkwood Drive.</p>				
<p>A pressure trough sparked several thunderstorms during the afternoon and evening hours, a few of which produced localized wind damage east of the Blue Ridge and Catoctin Mountains.</p>				
<hr/>				
BALTIMORE COUNTY --- 0.1 SSE RUXTON [39.40, -76.65], 0.1 SSE RUXTON [39.40, -76.65], 0.2 SE RUXTON [39.40, -76.65], 0.1 SE RUXTON [39.40, -76.65]				
	07/07/23 13:04 EST		0	Flood (due to Heavy Rain)
	07/07/23 15:04 EST		0	Source: 911 Call Center
<p>Ruxton Road was closed at Circle Road due to high water.</p>				
<p>A cold front passed through the area on the 7th, leading to a few showers and thunderstorms. Some thunderstorms caused heavy rainfall in a short period of time that led to an instance of flooding.</p>				
<hr/>				
WASHINGTON COUNTY --- 0.6 W SANMAR [39.55, -77.66]				
	07/09/23 12:37 EST		1K	Thunderstorm Wind (EG 52 kt)
	07/09/23 12:37 EST		0	Source: 911 Call Center
<p>Tree damage was reported north of Boonsboro, including a tree that blew down on Benevola Church Road.</p>				
<hr/>				
FREDERICK COUNTY --- 1.3 WNW URBANA [39.34, -77.37]				
	07/09/23 13:20 EST		3K	Thunderstorm Wind (EG 52 kt)
	07/09/23 13:20 EST		0	Source: 911 Call Center
<p>Multiple trees blew down in the 3800 block of MD-355 Urbana Pike.</p>				
<hr/>				
HARFORD COUNTY --- 1.5 WNW TAYLOR [39.59, -76.55]				
	07/09/23 14:16 EST		2K	Thunderstorm Wind (EG 52 kt)
	07/09/23 14:16 EST		0	Source: 911 Call Center
<p>Wind damage was reported west-southwest of Jarrettsville, including wires that blew down in the 3000 block of Houcks Road.</p>				
<hr/>				
HARFORD COUNTY --- 1.2 NNW SCARFF [39.55, -76.44]				
	07/09/23 14:17 EST		1K	Thunderstorm Wind (EG 52 kt)
	07/09/23 14:17 EST		0	Source: 911 Call Center
<p>Tree damage was reported north-northwest of Fallston, including a tree that blew down in the 2100 block of Putnam Road.</p>				

Storm Data and Unusual Weather Phenomena - July 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
HARFORD COUNTY --- 0.9 N WHITEFORD [39.71, -76.35]				
	07/09/23 14:25 EST		1K	Thunderstorm Wind (EG 52 kt)
	07/09/23 14:25 EST		0	Source: 911 Call Center
Tree damage was reported in Whiteford, including a tree that blew down in the 1500 block of Dooley Road.				
HARFORD COUNTY --- 4.2 E NORRISVILLE [39.71, -76.45]				
	07/09/23 14:25 EST		2K	Thunderstorm Wind (EG 52 kt)
	07/09/23 14:25 EST		0	Source: 911 Call Center
Tree damage was reported west-northwest of Pylesville, including a large tree that blew down near the intersection of Fawn Grove Road and McDermott Road.				
HARFORD COUNTY --- 0.7 ENE MILL GREEN [39.67, -76.32]				
	07/09/23 14:30 EST		2K	Thunderstorm Wind (EG 52 kt)
	07/09/23 14:30 EST		0	Source: 911 Call Center
Tree damage was reported east-northeast of Whiteford, including a tree that blew down onto power lines in the 3800 block of MD-646 Prospect Road.				
A cluster of thunderstorms produced several instances of wind damage across northern Maryland near and east of Interstate 81.				
MONTGOMERY COUNTY --- 1.3 N DARNESTOWN [39.12, -77.30]				
	07/14/23 15:50 EST		5K	Thunderstorm Wind (EG 52 kt)
	07/14/23 15:50 EST		0	Source: 911 Call Center
Multiple trees and branches blew down on and near MD-118 Germantown Road.				
MONTGOMERY COUNTY --- 0.8 W SENECA [39.08, -77.34]				
	07/14/23 16:08 EST		3K	Thunderstorm Wind (EG 52 kt)
	07/14/23 16:08 EST		0	Source: Emergency Manager
Trees and power lines blew down near the intersection of Montevideo Road and River Road.				
MONTGOMERY COUNTY --- 0.7 S GERMANTOWN [39.17, -77.28]				
	07/14/23 16:10 EST		2K	Thunderstorm Wind (EG 52 kt)
	07/14/23 16:10 EST		0	Source: Trained Spotter
Multiple large tree limbs blew down near Germantown.				
MONTGOMERY COUNTY --- 0.4 SSE MIDDLEBROOK [39.18, -77.25]				
	07/14/23 16:27 EST		2K	Thunderstorm Wind (EG 52 kt)
	07/14/23 16:27 EST		0	Source: Emergency Manager
Trees blew down on Middlebrook Road near I-270 Dwight D. Eisenhower Memorial Highway.				
MONTGOMERY COUNTY --- 0.4 SSW LUXMANOR [39.04, -77.12]				
	07/14/23 17:00 EST		2K	Thunderstorm Wind (EG 52 kt)
	07/14/23 17:00 EST		0	Source: Emergency Manager
Trees and power lines blew down near the intersection of Tilden Lane and Luxmanor Road.				
MONTGOMERY COUNTY --- 1.5 NNW WOODHAVEN [39.02, -77.14]				
	07/14/23 17:06 EST		10K	Thunderstorm Wind (EG 52 kt)
	07/14/23 17:06 EST		0	Source: Emergency Manager
Trees and power lines blew down onto a transformer in the 6700 block of Democracy Boulevard.				
PRINCE GEORGE'S COUNTY --- 0.5 NNE HILLCREST HGTS [38.84, -76.97]				
	07/14/23 17:35 EST		4K	Thunderstorm Wind (EG 52 kt)
	07/14/23 17:35 EST		0	Source: 911 Call Center

Storm Data and Unusual Weather Phenomena - July 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Multiple trees blew down in the 3900 block of 21st Avenue. A tree blew down near the intersection of Anvil Lane and Oxon Run Drive.				
<hr/>				
CHARLES COUNTY --- 1.8 SSW BERRY [38.63, -76.96]	07/14/23 18:12 EST		1K	Thunderstorm Wind (EG 52 kt)
	07/14/23 18:12 EST		0	Source: 911 Call Center
Tree damage was reported northwest of Saint Charles, including a tree that blew down along Humpback Whale Court in the Waldorf area.				
A cold front slowed as it approached the Appalachian Mountains, intersecting a hot, humid, and unstable airmass. This resulted in scattered to numerous showers and thunderstorms, several of which became severe producing widely scattered instances of wind damage and isolated large hail. A couple of localized considerable instances of wind damage were noted near Washington, DC, and its western suburbs.				
<hr/>				
CHARLES COUNTY --- 1.4 E BEL ALTON [38.47, -76.95]	07/15/23 18:47 EST		1K	Thunderstorm Wind (EG 52 kt)
	07/15/23 18:47 EST		0	Source: 911 Call Center
Tree damage was reported east-northeast of Bel Alton, including a tree that blew down near the intersection of Bel Alton Newtown Road and Mallow Road.				
<hr/>				
ALLEGANY COUNTY --- 0.6 SSE ECKHART JCT [39.66, -78.78]	07/15/23 19:00 EST		3K	Thunderstorm Wind (EG 52 kt)
	07/15/23 19:00 EST		0	Source: 911 Call Center
Multiple trees blew down near the intersection of Piedmont Avenue and Columbia Avenue.				
<hr/>				
CHARLES COUNTY --- 1.1 N NEWTOWN [38.52, -76.95]	07/15/23 19:10 EST		50K	Thunderstorm Wind (EG 52 kt)
	07/15/23 19:10 EST		0	Source: 911 Call Center
A tree blew down onto a house in the 1300 block of Redwood Circle.				
<hr/>				
CHARLES COUNTY --- 1.1 ENE PORT TOBACCO [38.52, -77.00]	07/15/23 19:20 EST		1K	Thunderstorm Wind (EG 52 kt)
	07/15/23 19:20 EST		0	Source: 911 Call Center
Tree damage was reported near Port Tobacco Village, including a tree that blew down onto Darley Drive.				
<hr/>				
CHARLES COUNTY --- 0.6 E LA PLATA [38.53, -76.97]	07/15/23 19:22 EST		0	Hail (1.00 in)
	07/15/23 19:22 EST		0	Source: Law Enforcement
Quarter size hail was reported in La Plata.				
<hr/>				
CHARLES COUNTY --- 2.2 SE POMFRET [38.56, -77.00]	07/15/23 19:27 EST		0.10M	Thunderstorm Wind (EG 56 kt)
	07/15/23 19:27 EST		0	Source: 911 Call Center
A tree blew down onto a house causing significant damage on Farewell Court.				
<hr/>				
CHARLES COUNTY --- 2.3 ESE POMFRET [38.57, -76.99]	07/15/23 19:27 EST		15K	Thunderstorm Wind (EG 56 kt)
	07/15/23 19:27 EST		0	Source: 911 Call Center
Numerous trees and wires blew down along Mitchell Road.				
<hr/>				
CHARLES COUNTY --- 1.3 NW WHITE PLAINS [38.59, -76.97]	07/15/23 19:30 EST		1K	Thunderstorm Wind (EG 52 kt)
	07/15/23 19:30 EST		0	Source: 911 Call Center
Tree damage was reported in White Plains, including a tree that blew down in the 9800 block of Marshall Corner Road.				
<hr/>				
CHARLES COUNTY --- 0.0 SSW POMFRET [38.58, -77.03]				

Storm Data and Unusual Weather Phenomena - July 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/15/23 19:32 EST		5K	Thunderstorm Wind (EG 52 kt)
	07/15/23 19:32 EST		0	Source: 911 Call Center
Three trees and several branches blew down on MD-227 Marshall Corner Road.				
<hr/>				
CHARLES COUNTY --- 1.7 SSE BEANTOWN [38.60, -76.87]				
	07/15/23 19:38 EST		1K	Thunderstorm Wind (EG 52 kt)
	07/15/23 19:38 EST		0	Source: 911 Call Center
Tree damage was reported east-southeast of Saint Charles, including a tree that blew down near the intersection of MD-5 Leonardtown Road and Forest Park Drive.				
<hr/>				
WASHINGTON COUNTY --- 0.9 ESE HANCOCK [39.70, -78.16]				
	07/15/23 19:45 EST		1K	Thunderstorm Wind (EG 52 kt)
	07/15/23 19:45 EST		0	Source: 911 Call Center
Tree damage was reported near Hancock, including a tree that blew down on Tollgate Ridge Road.				
<hr/>				
CHARLES COUNTY --- 1.0 SE FENWICK [38.64, -77.11]				
	07/15/23 19:46 EST		3K	Thunderstorm Wind (EG 52 kt)
	07/15/23 19:46 EST		0	Source: 911 Call Center
A large tree blew down onto wires near the intersection of Fenwick Road and Mc Crea Road.				
The remnants of a frontal boundary from the previous day ignited additional widely scattered thunderstorms during the early evening hours. Most of the wind damage was localized over southern Maryland, where spotty large hail was also reported.				
<hr/>				
ALLEGANY COUNTY --- 0.9 WSW CUMBERLAND [39.65, -78.79], 0.3 E CUMBERLAND [39.65, -78.76], 0.8 WNW EVITTS CREEK [39.63, -78.76], 1.2 SSE WOLFE MILL [39.65, -78.72], 0.9 E LOCUST GROVE [39.68, -78.76]				
	07/15/23 20:45 EST		0	Flood (due to Heavy Rain)
	07/15/23 23:00 EST		0	Source: 911 Call Center
Several basements flooded in Cumberland along with streets being closed due to standing or high water.				
<hr/>				
ALLEGANY COUNTY --- 1.9 SE SPRING GAP [39.55, -78.69], 0.9 SW OLDTOWN [39.54, -78.63], 2.5 NE OLDTOWN [39.57, -78.58], 2.6 W RIDGELEY [39.63, -78.70], 0.7 NNW NORTH BRANCH [39.59, -78.74], 0.3 W SPRING GAP [39.57, -78.72]				
	07/15/23 20:45 EST		0	Flood (due to Heavy Rain)
	07/15/23 23:00 EST		0	Source: 911 Call Center
Old Oldtown Road closed due to high water. Oldtown Road also down to one lane in spots due to standing water.				
A slow moving frontal boundary interacted with a seasonably moist airmass resulting in multiple rounds of showers and thunderstorms that resulted in one to three inches of rain.				
<hr/>				
FREDERICK COUNTY --- 0.6 ENE THURMONT [39.62, -77.41]				
	07/21/23 00:21 EST		2K	Thunderstorm Wind (EG 52 kt)
	07/21/23 00:21 EST		0	Source: 911 Call Center
Trees blew down in the Thurmont area.				
<hr/>				
FREDERICK COUNTY --- 0.3 SW NEW LONDON [39.42, -77.25]				
	07/21/23 00:55 EST		5K	Thunderstorm Wind (EG 52 kt)
	07/21/23 00:55 EST		0	Source: 911 Call Center
Several trees blew down between Libertytown and New Market.				
<hr/>				
FREDERICK COUNTY --- 0.6 SE ROSEMONT [39.33, -77.62]				
	07/21/23 01:00 EST		5K	Thunderstorm Wind (EG 52 kt)
	07/21/23 01:00 EST		0	Source: Department of Highways
Several trees blew down in the Brunswick area, including along MD-464 Souder Road/ Point of Rocks Road near North Maple Avenue and Catocin Mountain Highway.				

Storm Data and Unusual Weather Phenomena - July 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
CARROLL COUNTY --- 1.1 SE GREENMOUNT [39.62, -76.86]				
	07/21/23 01:02 EST		5K	Thunderstorm Wind (EG 52 kt)
	07/21/23 01:02 EST		0	Source: 911 Call Center
Several trees blew down in the Hampstead area, including along Carrollton Road.				
CARROLL COUNTY --- 0.7 S FLOHRVILLE [39.41, -76.98]				
	07/21/23 01:09 EST		5K	Thunderstorm Wind (EG 52 kt)
	07/21/23 01:09 EST		0	Source: 911 Call Center
Several trees blew down in the Eldersburg/Sykesville area, including on Emerald Lane, Cherry Tree Road, and Nicodemus Road.				
ANNE ARUNDEL COUNTY --- 0.5 SW SOUTH HAVEN BEACH [38.96, -76.58]				
	07/21/23 03:29 EST		2K	Thunderstorm Wind (EG 52 kt)
	07/21/23 03:29 EST		0	Source: NWS Employee
Several large tree limbs and wires blew down near Annapolis, including in the 2000 block of South Haven Road.				
A line of thunderstorms (Mesoscale Convective Complex, MCS) that developed over the Midwest moved across northern Maryland and eastern West Virginia producing localized wind damage overnight. The event was noteworthy due to its timing.				
BALTIMORE COUNTY --- 0.4 ENE EDGEMERE [39.23, -76.44]				
	07/25/23 11:30 EST		10K	Thunderstorm Wind (EG 52 kt)
	07/25/23 11:30 EST		0	Source: 911 Call Center
There were several reports of trees, branches and wires blown down in the Edgemere area.				
PRINCE GEORGE'S COUNTY --- 0.4 W OAKLAND [38.85, -76.91]				
	07/25/23 11:58 EST		10K	Thunderstorm Wind (EG 52 kt)
	07/25/23 11:58 EST		0	Source: 911 Call Center
There were several reports of trees, branches and wires blown down between Capitol Heights and Forestville.				
CHARLES COUNTY --- 1.1 WSW MALCOLM [38.62, -76.80]				
	07/25/23 19:24 EST		10K	Thunderstorm Wind (EG 52 kt)
	07/25/23 19:24 EST		0	Source: 911 Call Center
Several trees and large branches blew down along VA-661 Horsehead Road and Poplar Hill Road.				
CHARLES COUNTY --- 2.0 W HUGHESVILLE [38.53, -76.82]				
	07/25/23 19:42 EST		20K	Thunderstorm Wind (EG 56 kt)
	07/25/23 19:42 EST		0	Source: 911 Call Center
Numerous trees, branches and wires blew down between Dentsville and Bryantown.				
Remnant outflow from convection the day before over the Midwest combined with a lee pressure trough resulted in scattered to numerous showers and thunderstorms. Several produced localized wind damage and some hail.				
BALTIMORE COUNTY --- 0.1 NNW EDGEMERE [39.23, -76.45], 0.1 NNW EDGEMERE [39.23, -76.45], 0.1 NNW EDGEMERE [39.23, -76.45], 0.1 N EDGEMERE [39.23, -76.45]				
	07/25/23 12:30 EST		0	Flash Flood (due to Heavy Rain)
	07/25/23 13:15 EST		0	Source: 911 Call Center
At least 6 inches of water was flowing across the 2300 block o Ruth Avenue, with cars unable to drive on the roadway.				
BALTIMORE COUNTY --- 0.6 S LYNCH PT [39.22, -76.43], 0.7 S LYNCH PT [39.22, -76.43], 0.7 S LYNCH PT [39.22, -76.43], 0.6 S LYNCH PT [39.22, -76.43]				
	07/25/23 12:47 EST		0	Flash Flood (due to Heavy Rain)
	07/25/23 13:15 EST		0	Source: 911 Call Center
North Point Road was closed to due to water flowing over the road near Wood Avenue.				

Storm Data and Unusual Weather Phenomena - July 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
BALTIMORE COUNTY --- 0.5 ENE EDGEMERE [39.23, -76.44], 0.5 ENE EDGEMERE [39.23, -76.44], 0.5 ENE EDGEMERE [39.23, -76.44], 0.6 ENE EDGEMERE [39.23, -76.44]				
	07/25/23 12:48 EST		0	Flash Flood (due to Heavy Rain)
	07/25/23 13:15 EST		0	Source: 911 Call Center
Lodge Forest Road near North Point Road was closed due to flowing water.				
BALTIMORE COUNTY --- 0.2 NE EDGEMERE [39.23, -76.45], 0.1 E EDGEMERE [39.23, -76.45], 0.2 E EDGEMERE [39.23, -76.45], 0.2 ENE EDGEMERE [39.23, -76.45]				
	07/25/23 12:49 EST		0	Flash Flood (due to Heavy Rain)
	07/25/23 13:15 EST		0	Source: 911 Call Center
Ruth avenue was closed near Sparrows Point Road due to flowing water.				
A weak cold front passed through, but with plenty of moisture and weaker flow aloft, some slow moving storms produced instances of flooding and flash flooding around Baltimore County.				
MONTGOMERY COUNTY --- 1.0 SSW DICKERSON [39.21, -77.44]				
	07/27/23 16:11 EST		10K	Thunderstorm Wind (EG 52 kt)
	07/27/23 16:11 EST		0	Source: Emergency Manager
Several trees and wires blew down near Dickerson, including near the intersection of MD-28 Dickerson Road and Martinsburg Road.				
MONTGOMERY COUNTY --- 1.5 NNW DAWSONVILLE [39.15, -77.36]				
	07/27/23 16:25 EST		5K	Thunderstorm Wind (EG 52 kt)
	07/27/23 16:25 EST		0	Source: Department of Highways
MD-117 Bucklodge Road was closed in both directions due to downed trees near MD-28 Darnestown Road.				
A weak trough spawned several severe thunderstorms over the far eastern West Virginia panhandle, extreme northern Virginia, and north-central Maryland.				
(MD-Z003) WASHINGTON, (MD-Z008) CECIL, (MD-Z011) SOUTHERN BALTIMORE, (MD-Z013) PRINCE GEORGES, (MD-Z014) ANNE ARUNDEL, (MD-Z016) CHARLES, (MD-Z017) ST. MARY'S, (MD-Z018) CALVERT, (MD-Z504) CENTRAL AND SOUTHEAST MONTGOMERY, (MD-Z506) CENTRAL AND SOUTHEAST HOWARD, (MD-Z508) SOUTHEAST HARFORD				
	07/28/23 12:00 EST		0	Excessive Heat
	07/28/23 18:00 EST		0	
The combination of a strong upper-level high pressure over the central United States and moist southwest winds resulted in hot and humid conditions across the Mid-Atlantic that produced excessive heat conditions.				
WASHINGTON COUNTY --- 0.9 NNE ANTIETAM [39.43, -77.74]				
	07/28/23 16:37 EST		5K	Thunderstorm Wind (EG 52 kt)
	07/28/23 16:37 EST		0	Source: 911 Call Center
Several trees and wires blew down around Sharpsburg and Antietam, including along Harpers Ferry Road.				
FREDERICK COUNTY --- 0.4 ESE ELLERTON [39.53, -77.54]				
	07/28/23 17:00 EST		10K	Thunderstorm Wind (EG 52 kt)
	07/28/23 17:00 EST		0	Source: 911 Call Center
Several trees and wires blew down near Myersville, including along Harmony Road near MD-17 Wolfsville Road.				
FREDERICK COUNTY --- 1.5 ESE PEARL [39.40, -77.34]				
	07/28/23 17:09 EST		3K	Thunderstorm Wind (EG 52 kt)
	07/28/23 17:09 EST		0	Source: 911 Call Center
Trees and wires blew down near the intersection of Baltimore Road and Bells Lane.				
FREDERICK COUNTY --- 1.1 NNE CERESVILLE [39.46, -77.36]				
	07/28/23 17:10 EST		2K	Thunderstorm Wind (EG 52 kt)
	07/28/23 17:10 EST		0	Source: 911 Call Center

Storm Data and Unusual Weather Phenomena - July 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Trees blew down near the intersection of Discovery Boulevard and Stauffer Road.				
MONTGOMERY COUNTY --- 0.7 ESE POOLESVILLE [39.15, -77.41]				
	07/28/23 17:15 EST		50K	Thunderstorm Wind (EG 65 kt)
	07/28/23 17:15 EST		0	Source: Trained Spotter
Numerous trees blew down in Poolesville, with several snapped in the 17700 block of Doctor Walling Road. Trees and wires blew down near the intersection of MD-28 Darnestown Road and Cattail Road.				
MONTGOMERY COUNTY --- 1.8 S GERMANTOWN [39.16, -77.29]				
	07/28/23 17:20 EST		0.10M	Thunderstorm Wind (EG 61 kt)
	07/28/23 17:20 EST		0	Source: Emergency Manager
Dozens of trees and wires blew down around Gaithersburg and Germantown, including along Brink Road, Goshen Road, Mid-County Highway, MD-124 Montgomery Village Avenue, Snouffer School Road, Horizon Run Road, MD-117 Clopper Road near Longdraft Road, West Watkins Mill Road, and MD-121 Clarksburg Road. A tree blew down onto a house in the 12000 block of Knoll Mist Lane.				
FREDERICK COUNTY --- 1.0 NE NEW LONDON [39.43, -77.24]				
	07/28/23 17:23 EST		3K	Thunderstorm Wind (EG 52 kt)
	07/28/23 17:23 EST		0	Source: 911 Call Center
Trees and wires blew down along Old Annapolis Road.				
FREDERICK COUNTY --- 1.2 E LIBERTYTOWN [39.48, -77.23]				
	07/28/23 17:30 EST		3K	Thunderstorm Wind (EG 52 kt)
	07/28/23 17:30 EST		0	Source: 911 Call Center
Trees and wires blew down along MD-26 Liberty Road.				
MONTGOMERY COUNTY --- 0.9 ENE GLEN [39.05, -77.20]				
	07/28/23 17:36 EST		20K	Thunderstorm Wind (EG 56 kt)
	07/28/23 17:36 EST		0	Source: Emergency Manager
Numerous trees and wires blew down in the Rockville and Potomac area, including along Arctic Avenue, Democracy Boulevard near MD-189 Falls Road, Montrose Road, Copley Place, and MD-355 Rockville Pike.				
CARROLL COUNTY --- 0.6 SW MT AIRY [39.37, -77.16]				
	07/28/23 17:40 EST		50K	Thunderstorm Wind (EG 61 kt)
	07/28/23 17:40 EST		0	Source: 911 Call Center
There were a couple dozen reports of trees and wires blown down in the Mount Airy area.				
CARROLL COUNTY --- 1.1 S COVER [39.41, -77.12]				
	07/28/23 17:40 EST		10K	Thunderstorm Wind (EG 56 kt)
	07/28/23 17:40 EST		0	Source: Department of Highways
Numerous trees blew down along MD-27 Ridge Road near and north of West Falls Road. Trees blew down along MD-26 Liberty Road near Woodbine Road.				
CARROLL COUNTY --- 0.7 WSW DENNING [39.48, -77.09]				
	07/28/23 17:47 EST		4K	Thunderstorm Wind (EG 52 kt)
	07/28/23 17:47 EST		0	Source: Emergency Manager
Trees blew down near Marston and New Windsor, including a large tree that blew down blocking Sams Creek Road in the 2700 block.				
CARROLL COUNTY --- 0.7 ESE COVER [39.42, -77.11]				
	07/28/23 17:48 EST		3K	Thunderstorm Wind (EG 56 kt)
	07/28/23 17:48 EST		0	Source: Amateur Radio
Trees and wires blew down onto MD-27 Ridge Road.				
CARROLL COUNTY --- 0.3 SW WINFIELD [39.45, -77.06]				

Storm Data and Unusual Weather Phenomena - July 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/28/23 17:50 EST		20K	Thunderstorm Wind (EG 56 kt)
	07/28/23 17:50 EST		0	Source: 911 Call Center
Numerous trees and wires blew down around Winfield.				
<hr/>				
CARROLL COUNTY --- 0.4 N BARRETT [39.41, -77.02]				
	07/28/23 17:50 EST		10K	Thunderstorm Wind (EG 61 kt)
	07/28/23 17:50 EST		0	Source: Trained Spotter
Numerous trees blew down in the 600 block of Conaway Lane.				
<hr/>				
MONTGOMERY COUNTY --- 0.4 NNE GARRETT PARK [39.05, -77.08]				
	07/28/23 17:50 EST		15K	Thunderstorm Wind (EG 52 kt)
	07/28/23 17:50 EST		0	Source: Emergency Manager
Multiple trees blew down around Silver Spring, including one onto a car on Gannon Road.				
<hr/>				
MONTGOMERY COUNTY --- 0.9 SE WOODHAVEN [38.99, -77.12]				
	07/28/23 17:50 EST		50K	Thunderstorm Wind (EG 56 kt)
	07/28/23 17:50 EST		0	Source: Emergency Manager
Numerous trees and wires and some utility poles were blown down in the Bethesda/Chevy Chase area.				
<hr/>				
MONTGOMERY COUNTY --- 0.5 SW RANDOLPH HILLS [39.08, -77.14]				
	07/28/23 17:52 EST		2K	Thunderstorm Wind (EG 52 kt)
	07/28/23 17:52 EST		0	Source: Emergency Manager
Metro Rail service was suspended due to a tree that blew down onto the tracks near the Glenmont Metro station.				
<hr/>				
MONTGOMERY COUNTY --- 1.0 NE TWIN BROOK [39.08, -77.09]				
	07/28/23 17:57 EST		2K	Thunderstorm Wind (EG 56 kt)
	07/28/23 17:57 EST		0	Source: Trained Spotter
Trees blew down blocking northbound Parkland Drive in the 1300 block.				
<hr/>				
CARROLL COUNTY --- 0.4 WSW WESTMINSTER [39.58, -77.01]				
	07/28/23 18:01 EST		10K	Thunderstorm Wind (EG 52 kt)
	07/28/23 18:01 EST		0	Source: 911 Call Center
Tree damage was reported in Westminster, including a tree that blew down onto a house in the 200 block of East Main Street.				
<hr/>				
BALTIMORE COUNTY --- 0.1 NNE ST GEORGES [39.45, -76.80]				
	07/28/23 18:11 EST		2M	Thunderstorm Wind (EG 70 kt)
	07/28/23 18:11 EST		0	Source: Trained Spotter
Hundreds of trees blew down around Reisterstown, including many onto houses and cars.				
<hr/>				
HOWARD COUNTY --- 2.5 S MAYFIELD [39.26, -76.92]				
	07/28/23 18:15 EST		25K	Thunderstorm Wind (EG 56 kt)
	07/28/23 18:15 EST		0	Source: 911 Call Center
Several trees and wires blew down in central Howard County, including along Carroll Mill Road near Folly Quarter Road where trees fell onto wires cracking a pole.				
<hr/>				
BALTIMORE COUNTY --- 0.6 ESE SHAWAN [39.50, -76.71]				
	07/28/23 18:20 EST		1M	Thunderstorm Wind (EG 70 kt)
	07/28/23 18:20 EST		0	Source: Department of Highways
Hundreds of trees blew down west of Cockeysville. Numerous trees blew down along MD-25 Falls Road near Shawan Road. Trees blew down on southbound I-83 near Exit 18/MD-943 Warren Road. Numerous trees blew down along MD-25 Falls Road near Greenway Road. Trees blew down on I-83 near Exit 24/Belfast Road.				

Storm Data and Unusual Weather Phenomena - July 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
BALTIMORE COUNTY --- 1.3 ENE LUTHERVILLE [39.42, -76.60]				
	07/28/23 18:26 EST		10K	Thunderstorm Wind (EG 56 kt)
	07/28/23 18:26 EST		0	Source: Department of Highways
Trees blew down along MD-146 Dulaney Valley Road between MD-131 East Seminary Avenue and Valley Court Road.				
BALTIMORE COUNTY --- 0.5 W CRONHARDT [39.43, -76.73]				
	07/28/23 18:30 EST		2M	Thunderstorm Wind (EG 70 kt)
	07/28/23 18:30 EST		0	Source: 911 Call Center
Hundreds of trees blew down around Pikesville, Garrison, Chestnut Ridge, and Brooklandville blocking numerous roads. Many trees fell onto houses and cars.				
BALTIMORE CITY (C) COUNTY --- 0.5 E BALTIMORE [39.30, -76.61]				
	07/28/23 18:40 EST		10K	Thunderstorm Wind (EG 52 kt)
	07/28/23 18:40 EST		0	Source: 911 Call Center
There were several calls for trees, branches, and wires blown down in the City of Baltimore.				
HARFORD COUNTY --- 1.4 SW UPPER XRDS [39.53, -76.49]				
	07/28/23 18:40 EST		0.25M	Thunderstorm Wind (EG 61 kt)
	07/28/23 18:40 EST		0	Source: 911 Call Center
Dozens of trees and wires blew down around Fallston and Baldwin, including trees onto houses in the 2800 block of Green Road.				
HARFORD COUNTY --- 1.5 S BAGLEY [39.48, -76.40]				
	07/28/23 18:45 EST		25K	Thunderstorm Wind (EG 56 kt)
	07/28/23 18:45 EST		0	Source: 911 Call Center
Numerous trees blew down around Kingsville and Pleasant Furnace, including one onto a car in the 800 block of Petem Road.				
HARFORD COUNTY --- 0.4 NNE BEL AIR [39.53, -76.35]				
	07/28/23 18:50 EST		0.10M	Thunderstorm Wind (EG 61 kt)
	07/28/23 18:50 EST		0	Source: 911 Call Center
Dozens of trees, branches and wires blew down around Bel Air.				
HARFORD COUNTY --- 0.7 ENE JOPPA [39.43, -76.36]				
	07/28/23 18:50 EST		25K	Thunderstorm Wind (EG 56 kt)
	07/28/23 18:50 EST		0	Source: 911 Call Center
Numerous trees, branches, and wires blew down around Joppa.				
HARFORD COUNTY --- 3.5 E NORRISVILLE [39.71, -76.46]				
	07/28/23 18:52 EST		1M	Thunderstorm Wind (EG 70 kt)
	07/28/23 18:52 EST		0	Source: 911 Call Center
Hundreds of trees blew down around Pylesville and Norrisville. Trees blew down onto a house in the 1900 block of Neal Road. Numerous trees blew down along MD-136 Harkins Road, and MD-165 Federal Hill Road.				
HARFORD COUNTY --- 0.2 SSE HAVRE DE GRACE [39.55, -76.10]				
	07/28/23 19:10 EST		10K	Thunderstorm Wind (EG 52 kt)
	07/28/23 19:10 EST		0	Source: 911 Call Center
Several trees, branches, and wires blew down in Havre de Grace.				
CECIL COUNTY --- 0.1 NE AIKIN [39.57, -76.07]				
	07/28/23 19:15 EST		10K	Thunderstorm Wind (EG 52 kt)
	07/28/23 19:15 EST		0	Source: 911 Call Center
Several trees, branches, and wires blew down around Perryville.				

Storm Data and Unusual Weather Phenomena - July 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
CECIL COUNTY --- 0.4 E NORTH EAST [39.60, -75.94]				
	07/28/23 19:20 EST		10K	Thunderstorm Wind (EG 52 kt)
	07/28/23 19:20 EST		0	Source: 911 Call Center
Several trees, branches, and wires blew down around North East.				
PRINCE GEORGE'S COUNTY --- 0.6 NW LANDOVER HILLS [38.96, -76.91]				
	07/28/23 19:20 EST		2K	Thunderstorm Wind (EG 52 kt)
	07/28/23 19:20 EST		0	Source: Broadcast Media
Trees blew down on southbound MD-295 Baltimore-Washington Parkway near MD-410 Riverdale Road.				
PRINCE GEORGE'S COUNTY --- 1.1 WSW GREENBELT [39.00, -76.90]				
	07/28/23 19:20 EST		2K	Thunderstorm Wind (EG 52 kt)
	07/28/23 19:20 EST		0	Source: Department of Highways
Trees blew down near the intersection of MD-193 Greenbelt Road and MD-201 Kenilworth Avenue.				
PRINCE GEORGE'S COUNTY --- 0.4 SW BRANCHVILLE [39.00, -76.93]				
	07/28/23 19:21 EST		2K	Thunderstorm Wind (EG 52 kt)
	07/28/23 19:21 EST		0	Source: 911 Call Center
Trees blew down on MD-193 Greenbelt Road near Stadium Drive.				
PRINCE GEORGE'S COUNTY --- 1.6 SSE OAK CREST [39.06, -76.84]				
	07/28/23 19:24 EST		2K	Thunderstorm Wind (EG 52 kt)
	07/28/23 19:24 EST		0	Source: Department of Highways
Trees and branches blew down on MD-295 Baltimore-Washington Parkway near MD-197 Laurel-Bowie Road.				
CECIL COUNTY --- 0.5 E ELKTON [39.60, -75.82]				
	07/28/23 19:35 EST		10K	Thunderstorm Wind (EG 52 kt)
	07/28/23 19:35 EST		0	Source: 911 Call Center
Several trees, branches, and wires blew down around Elkton.				
PRINCE GEORGE'S COUNTY --- 2.0 E ACCOKEEK [38.67, -76.99]				
	07/28/23 20:25 EST		2K	Thunderstorm Wind (EG 52 kt)
	07/28/23 20:25 EST		0	Source: Department of Highways
Trees blew down on MD-373 Accokeek Road near Bealle Hill Road.				
<p>A subtle remnant disturbance from prior day's convection over the Midwest amplified a pre-existing lee pressure trough, igniting numerous thunderstorms. Given the excessive hot, humid, and unstable environment, these thunderstorms were able to organize into clusters and lines despite a lack of stronger wind shear.</p>				
(MD-Z016) CHARLES, (MD-Z017) ST. MARY'S, (MD-Z018) CALVERT				
	07/29/23 13:00 EST		0	Excessive Heat
	07/29/23 17:00 EST		0	
Hot and humid conditions persisted for a third day across southern Maryland ahead of an approaching cold front.				
MONTGOMERY COUNTY --- 1.6 S DAWSONVILLE [39.11, -77.35]				
	07/29/23 15:03 EST		1K	Thunderstorm Wind (EG 52 kt)
	07/29/23 15:03 EST		0	Source: Trained Spotter
Tree damage was reported near Dawsonville, including a large tree that split in half in the 15200 block of Montevideo Road.				
MONTGOMERY COUNTY --- 1.0 W SANDY SPG [39.15, -77.05]				
	07/29/23 15:04 EST		3K	Thunderstorm Wind (EG 52 kt)
	07/29/23 15:04 EST		0	Source: 911 Call Center

Storm Data and Unusual Weather Phenomena - July 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Trees blew down in Olney, including on Gainford Court, and near the intersection of MD-108 Olney Sandy Spring Road past Prince Philip Drive.				
MONTGOMERY COUNTY --- 0.7 W NEELSVILLE [39.20, -77.26]				
	07/29/23 15:05 EST		0	Thunderstorm Wind (MG 60 kt)
	07/29/23 15:05 EST		0	Source: Mesonet
A wind gust of 60 knots (69 MPH) was measured by a mesonet at WeatherBug Headquarters in Germantown (AWSHQ).				
MONTGOMERY COUNTY --- 1.4 WNW GOSHEN [39.20, -77.20]				
	07/29/23 15:05 EST		0.25M	Thunderstorm Wind (EG 61 kt)
	07/29/23 15:10 EST		0	Source: Emergency Manager
Dozens of trees, branches and wires blew down near Germantown and Montgomery Village. A tree blew down onto a utility pole near the 22600 block of Wildcat Road. Multiple trees blew down near the intersection of Goshen Road and Wightman Road. Trees blew down on MD-355 Frederick Road at MD-118 Germantown Road.				
MONTGOMERY COUNTY --- 2.0 WSW EDNOR [39.12, -77.04]				
	07/29/23 15:10 EST		0.10M	Thunderstorm Wind (EG 56 kt)
	07/29/23 15:10 EST		0	Source: Emergency Manager
Trees, power lines, and transformers blew down along MD-182 Layhill Road between Chester Mill Road and MD-28 Norbeck Road.				
MONTGOMERY COUNTY --- 1.3 ENE POTOMAC [39.03, -77.20]				
	07/29/23 15:15 EST		10K	Thunderstorm Wind (EG 52 kt)
	07/29/23 15:15 EST		0	Source: Emergency Manager
Numerous trees blew down in the Potomac area.				
BALTIMORE COUNTY --- 0.7 ESE MONKTON [39.58, -76.61]				
	07/29/23 15:19 EST		3K	Thunderstorm Wind (EG 52 kt)
	07/29/23 15:19 EST		0	Source: Emergency Manager
Trees and wires blew down on MD-138 Shepperd Road between Monkton Road and Wesley Chapel Road.				
MONTGOMERY COUNTY --- 0.6 SW TWIN BROOK [39.06, -77.11]				
	07/29/23 15:20 EST		10M	Thunderstorm Wind (EG 74 kt)
	07/29/23 15:30 EST		0	Source: Emergency Manager
Hundreds of trees, branches and wires blew down between Rockville and North Bethesda. Trees blew down onto cars and porches in the Bethesda Park Condo Complex, displacing residents. The roof blew off of The Original Pancake House in the 12200 block of MD-355 Rockville Pike; the roof partially blew off another building across the street. Large trees blew down onto structures in the 1200 block of Charles Road. Trees blew down on southbound MD-185 Connecticut Avenue at MD-586 Veirs Mill Road. Numerous trees blew down along Tilden Lane. Trees blew down on MD-355 Rockville Pike at I-495 Capital Beltway. A large tree blew down onto two residences on Charles Road trapping several people.				
HOWARD COUNTY --- 0.9 ENE SAVAGE [39.14, -76.81]				
	07/29/23 15:25 EST		0.10M	Thunderstorm Wind (EG 61 kt)
	07/29/23 15:35 EST		0	Source: Department of Highways
Dozens of large trees and branches blew down between Jessup and Savage. Numerous trees blew down on northbound US-1 Washington Boulevard at Corridor Road. Numerous large trees and branches blew down on Vollmerhausen Road between the Little Patuxent River and Savage Guilford Road, and along Foundry Street. Trees blew down on US-1 Washington Boulevard at Whiskey Bottom Road.				
HOWARD COUNTY --- 0.9 WSW EAST LIOAK [39.22, -76.90]				
	07/29/23 15:25 EST		10K	Thunderstorm Wind (EG 56 kt)
	07/29/23 15:30 EST		0	Source: Trained Spotter
Several trees blew down in and near Columbia, including along Harpers Farm Road, Cedar Lane, and Homewood Road.				
MONTGOMERY COUNTY --- 0.0 SE BETHESDA [38.97, -77.12]				
	07/29/23 15:25 EST		2M	Thunderstorm Wind (EG 65 kt)
	07/29/23 15:40 EST		0	Source: Broadcast Media

Storm Data and Unusual Weather Phenomena - July 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Dozens of trees, branches and wires blew down near Glen Echo and Cabin John. Numerous trees blew down onto power lines. Cabin John Parkway, Clara Barton Parkway, and Macarthur Boulevard remained closed for several days due to downed trees. A tree blew down onto a house in the 6000 block of Cromwell Drive. Trees blew down on eastbound MD-190 River Road at Whittier Boulevard. Trees blew down on eastbound MD-614 Goldsboro Road at Wedgewood Road.				
HOWARD COUNTY --- 0.1 ENE OAKLAND MILLS [39.22, -76.85]				
	07/29/23 15:28 EST		5K	Thunderstorm Wind (EG 52 kt)
	07/29/23 15:28 EST		0	Source: Department of Highways
Trees blew down on southbound US-29 Columbia Pike at Exit 21A/southbound MD-108 Clarksville Pike. Trees blew down on MD-175 Rouse Parkway/Little Patuxent Parkway at US-29 Columbia Pike.				
MONTGOMERY COUNTY --- 0.8 ENE EMERY CORNERS [38.98, -77.15]				
	07/29/23 15:30 EST		0	Thunderstorm Wind (MG 53 kt)
	07/29/23 15:30 EST		0	Source: Mesonet
A wind gust of 53 knots (61 MPH) was measured by a mesonet in Cabin John (FW3819).				
MONTGOMERY COUNTY --- 1.2 NW TAKOMA PARK [38.98, -77.02]				
	07/29/23 15:30 EST		0.10M	Thunderstorm Wind (EG 52 kt)
	07/29/23 15:40 EST		0	Source: Emergency Manager
Numerous trees blew down around Silver Spring, Forest Glen, and Takoma Park. A tree blew down onto a house in the 500 block of Albany Avenue.				
BALTIMORE COUNTY --- 1.3 NNE KINGSVILLE [39.47, -76.41]				
	07/29/23 15:39 EST		2K	Thunderstorm Wind (EG 52 kt)
	07/29/23 15:39 EST		0	Source: Department of Highways
Trees blew down on US-1 Belair Road at New Cut Road.				
PRINCE GEORGE'S COUNTY --- 0.3 SE GREENBELT [39.00, -76.88]				
	07/29/23 15:39 EST		2K	Thunderstorm Wind (EG 52 kt)
	07/29/23 15:39 EST		0	Source: Department of Highways
Trees blew down onto southbound MD-295 Baltimore-Washington Parkway prior to MD-193 Greenbelt Road.				
PRINCE GEORGE'S COUNTY --- 2.0 ESE COLLINGTON [38.96, -76.74]				
	07/29/23 15:43 EST		20K	Thunderstorm Wind (MG 50 kt)
	07/29/23 15:43 EST		0	Source: Trained Spotter
A wind gust of 50 knots (58 MPH) was measured by a mesonet at Kenilworth Elementary School (BOWIE). Numerous trees and large branches blew down in the area, including near the intersection of MD-197 Laurel-Bowie Road and Old Chapel Road. Trees blew down on Madelay Lane at Melody Turn, and Marn Street at Moylan Street.				
HARFORD COUNTY --- 0.1 NE EDGEWOOD [39.42, -76.30]				
	07/29/23 15:45 EST		0.50M	Thunderstorm Wind (EG 61 kt)
	07/29/23 16:00 EST		0	Source: 911 Call Center
Dozens of trees, branches and wires blew down in the Edgewood area, including several onto cars and houses.				
ANNE ARUNDEL COUNTY --- 0.6 NNW CROWNSVILLE [39.04, -76.60]				
	07/29/23 15:50 EST		1M	Thunderstorm Wind (EG 70 kt)
	07/29/23 16:00 EST		0	Source: Department of Highways
Numerous trees blew down on MD-450 Defense Highway at Pebblebrook Court, MD-424 Davidsonville Road at US-50 John Hanson Highway, and MD-178 Generals Highway prior to Herald Harbor Road.				
HARFORD COUNTY --- 1.0 S ABINGDON [39.46, -76.27]				
	07/29/23 15:50 EST		2K	Thunderstorm Wind (EG 52 kt)
	07/29/23 15:50 EST		0	Source: Department of Highways
Trees blew down on US-40 Pulaski Highway at Abingdon Road.				

Storm Data and Unusual Weather Phenomena - July 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
PRINCE GEORGE'S COUNTY --- 0.9 SW TEMPLE HILLS [38.81, -76.96]				
	07/29/23 16:05 EST		50K	Thunderstorm Wind (EG 56 kt)
	07/29/23 16:25 EST		0	Source: Department of Highways
Numerous trees blew down along southbound I-95/I-495 Capital Beltway Inner Loop near Exit 4B/MD-414 Saint Barnabas Road.				
PRINCE GEORGE'S COUNTY --- 0.8 ESE ACCOKEEK [38.67, -77.02]				
	07/29/23 16:18 EST		2K	Thunderstorm Wind (EG 52 kt)
	07/29/23 16:18 EST		0	Source: Department of Highways
Trees blew down on southbound MD-210 Indian Head Highway at MD-228 Berry Road.				
PRINCE GEORGE'S COUNTY --- 1.9 SSE WESTPHALIA [38.80, -76.81]				
	07/29/23 16:24 EST		2K	Thunderstorm Wind (EG 52 kt)
	07/29/23 16:24 EST		0	Source: Department of Highways
Trees blew down on eastbound MD-4 Pennsylvania Avenue/Stephanie Roper Highway at MD-717 Water Street.				
CECIL COUNTY --- 2.4 ESE CECILTON [39.39, -75.84]				
	07/29/23 16:30 EST		1K	Thunderstorm Wind (EG 52 kt)
	07/29/23 16:30 EST		0	Source: 911 Call Center
Tree damage was reported southeast of Cecilton, including along Budds Landing Road.				
CHARLES COUNTY --- 2.8 NE POMFRET [38.61, -76.99]				
	07/29/23 16:30 EST		0.25M	Thunderstorm Wind (EG 61 kt)
	07/29/23 16:40 EST		0	Source: Trained Spotter
Numerous large trees blew down in the Pomfret area, including along Billingsley Road, Benville Road, and Cattle Place.				
ANNE ARUNDEL COUNTY --- 0.6 S DRURY [38.81, -76.70]				
	07/29/23 16:32 EST		2K	Thunderstorm Wind (EG 52 kt)
	07/29/23 16:32 EST		0	Source: Department of Highways
Trees blew down on southbound MD-794 at MD-408 Mount Zion Marlboro Road.				
CHARLES COUNTY --- 1.6 SW WALDORF [38.62, -76.94]				
	07/29/23 16:40 EST		1M	Thunderstorm Wind (EG 61 kt)
	07/29/23 16:50 EST		0	Source: Trained Spotter
Numerous large trees blew down onto houses on Walleye Court, Mark Drive, and Cottoneaster Court.				
CHARLES COUNTY --- 1.1 SW INDIAN HEAD [38.59, -77.19]				
	07/29/23 16:45 EST		10K	Thunderstorm Wind (MG 54 kt)
	07/29/23 16:45 EST		0	Source: Mesonet
A wind gust of 54 knots (62 MPH) was measured by a Tempest station on Water Tower Way. Several large trees blew down in the area.				
CHARLES COUNTY --- 1.6 E PISGAH [38.53, -77.10]				
	07/29/23 16:55 EST		0.10M	Thunderstorm Wind (EG 61 kt)
	07/29/23 17:00 EST		0	Source: Trained Spotter
Ripley Road was closed and impassable due to numerous trees that blew down in the roadway.				
CHARLES COUNTY --- 2.0 SE ST CHARLES [38.58, -76.89]				
	07/29/23 16:55 EST		5M	Thunderstorm Wind (EG 70 kt)
	07/29/23 17:05 EST		0	Source: Emergency Manager
Hundreds of trees, branches and wires blew down southeast of Saint Charles, between Waldorf and La Plata, and in Marbury. Many of the trees blew down onto houses.				

Storm Data and Unusual Weather Phenomena - July 2023

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

CHARLES COUNTY --- 0.6 NNW HUGHESVILLE [38.54, -76.78]

	07/29/23 17:00 EST		1M	Thunderstorm Wind (EG 61 kt)
	07/29/23 17:05 EST		0	Source: Emergency Manager

Dozens of trees blew down between White Plains and Hughesville, including several onto houses.

ST. MARY'S COUNTY --- 0.4 SE OAKS [38.49, -76.78]

	07/29/23 17:10 EST		5M	Thunderstorm Wind (EG 70 kt)
	07/29/23 17:30 EST		0	Source: Emergency Manager

Hundreds of trees blew down around Charlotte Hall, Golden Beach, and Mechanicsville. Many trees blew down onto houses and cars. Numerous trees blew down along Golden Beach Road and on northbound MD-5 Leonardtown Road near Charlotte Hall and Golden Beach. Numerous trees blew down on MD-6 New Market Turner Road between Four Seasons Court and Flora Corner Road. Large trees blew down near the intersection of MD-6 New Market Turner Road and Lockes Hill Road. Dozens of trees blew down around Mechanicsville, with one trapping a sherriff.

ST. MARY'S COUNTY --- 0.6 NNW CHAPTICO [38.38, -76.79]

	07/29/23 18:20 EST		0.25M	Thunderstorm Wind (EG 61 kt)
	07/29/23 18:20 EST		0	Source: Emergency Manager

Dozens of trees, branches, wires and poles blew down around Chaptico and Morganza to near Mechanicsville. Numerous trees blew down along MD-236 Thompson Corner Road, Mechanicsville Road, and Baptist Church Road.

ST. MARY'S COUNTY --- 0.8 SE LEONARDTOWN [38.29, -76.62]

	07/29/23 18:44 EST		2K	Thunderstorm Wind (EG 52 kt)
	07/29/23 18:44 EST		0	Source: Emergency Manager

Trees blew down across Cedar Lane Road near Blacksmith Shop Road.

ST. MARY'S COUNTY --- 0.4 ENE CALIFORNIA [38.30, -76.49]

	07/29/23 18:54 EST		5K	Thunderstorm Wind (EG 52 kt)
	07/29/23 18:54 EST		0	Source: Emergency Manager

Trees blew down around California.

ST. MARY'S COUNTY --- 0.7 W PATUXENT RIVER [38.28, -76.41]

	07/29/23 19:15 EST		0	Thunderstorm Wind (MG 52 kt)
	07/29/23 19:15 EST		0	Source: ASOS

A wind gust of 52 knots (60 MPH) was measured by the ASOS at Patuxent River Naval Air Station (KNHK).

ST. MARY'S COUNTY --- 0.8 NE VALLEY LEE [38.21, -76.51]

	07/29/23 20:25 EST		25K	Thunderstorm Wind (MG 60 kt)
	07/29/23 20:25 EST		0	Source: Mesonet

A wind gust of 60 knots (69 MPH) was measured by a Tempest station on Trinity Church Road. Numerous trees blew down in the area, including near the intersection of MD-5 Point Lookout Road and Bauer Road.

A strong cold front intersected a very hot, humid, and unstable airmass across the Mid-Atlantic shortly after peak heating. Aided by dynamics and moderately strong shear from an approaching upper-level trough, the front spawned bands of thunderstorms that produced considerable wind damage particularly in the I-95 corridor. Some areas saw the worst thunderstorm-driven wind speeds and damage since the derecho in June 2012, though the area affected by the highest magnitude of winds was not nearly as large.

VIRGINIA, North

STAFFORD COUNTY --- 2.9 NNE WHITE OAK [38.34, -77.35]

	07/01/23 15:21 EST		3K	Thunderstorm Wind (EG 52 kt)
	07/01/23 15:21 EST		0	Source: Department of Highways

Trees blew down between Fines Corner and the Potomac Creek.

Storm Data and Unusual Weather Phenomena - July 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
SHENANDOAH COUNTY --- 1.7 ENE WOODSTOCK [38.89, -78.49]				
	07/01/23 15:25 EST		1K	Thunderstorm Wind (EG 52 kt)
	07/01/23 15:25 EST		0	Source: 911 Call Center
Tree damage was reported northeast of Woodstock, including a tree that blew down blocking the entire roadway near the intersection of North Water Street and VA-664 Moose Road.				
SHENANDOAH COUNTY --- 2.3 NE VAN BUREN FURNACE [38.99, -78.52]				
	07/01/23 15:37 EST		2K	Thunderstorm Wind (EG 52 kt)
	07/01/23 15:37 EST		0	Source: 911 Call Center
A couple of trees blew down on VA-600 Zepp Road between Sugar Hill Cemetery and Saint James Cemetery.				
KING GEORGE COUNTY --- 0.1 SSE PASSAPATANZY [38.30, -77.32]				
	07/01/23 15:48 EST		5K	Thunderstorm Wind (EG 52 kt)
	07/01/23 15:48 EST		0	Source: 911 Call Center
There were several reports of trees blown down between Passapatanzy and Fairview Beach.				
KING GEORGE COUNTY --- 1.8 SE FAIRVIEW BEACH [38.31, -77.23]				
	07/01/23 15:55 EST		3K	Thunderstorm Wind (EG 52 kt)
	07/01/23 15:55 EST		0	Source: 911 Call Center
Multiple trees blew down on VA-609 Comorn Road near VA-218 Caledona Road.				
KING GEORGE COUNTY --- 0.3 N IGO [38.28, -77.27]				
	07/01/23 16:03 EST		2K	Thunderstorm Wind (EG 52 kt)
	07/01/23 16:03 EST		0	Source: Social Media
A couple of trees and large branches blew down on VA-694 Lambs Creek Church Road near Turkey Acres Road.				
A pressure trough ignited a few thunderstorms that produced spotty wind damage during the late afternoon hours.				
STAFFORD COUNTY --- 1.2 E BLOOKE [38.38, -77.36], 1.2 E BLOOKE [38.38, -77.36], 1.3 E BLOOKE [38.38, -77.36], 1.3 E BLOOKE [38.38, -77.36]				
	07/01/23 15:40 EST		0	Flash Flood (due to Heavy Rain)
	07/01/23 17:40 EST		0	Source: Department of Highways
A foot of water was flowing from Accokeek Creek over Brook Road near Loblolly Lane. One lane of Brooke Road was impassable.				
KING GEORGE COUNTY --- 1.1 SE PASSAPATANZY [38.29, -77.31], 1.1 SE PASSAPATANZY [38.29, -77.31], 1.2 SE PASSAPATANZY [38.29, -77.31], 1.1 SE PASSAPATANZY [38.29, -77.31]				
	07/01/23 16:18 EST		0	Flash Flood (due to Heavy Rain)
	07/01/23 18:18 EST		0	Source: 911 Call Center
Water was flowing across the road near the intersection of Shelton Drive and Bloomsbury Road. The water lifted a car to the side of the highway.				
NELSON COUNTY --- 3.0 SW SCHUYLER [37.75, -78.73], 3.1 SW SCHUYLER [37.74, -78.73], 3.0 WNW HOWARDSVILLE [37.74, -78.73], 2.9 SW SCHUYLER [37.75, -78.73]				
	07/01/23 16:30 EST		0	Flash Flood (due to Heavy Rain)
	07/01/23 17:30 EST		0	Source: 911 Call Center
Road was closed due to flash flooding at the intersection of Glade road and Foggy Bottom Way.				
KING GEORGE COUNTY --- 0.7 N OFFICE HALL [38.24, -77.15], 0.6 N OFFICE HALL [38.24, -77.15], 0.6 N OFFICE HALL [38.24, -77.15], 0.7 N OFFICE HALL [38.24, -77.15]				
	07/01/23 17:25 EST		0	Flash Flood (due to Heavy Rain)
	07/01/23 19:25 EST		0	Source: 911 Call Center
Numerous areas along Kings Highway were closed due to flash flooding near Route 301.				

Storm Data and Unusual Weather Phenomena - July 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
KING GEORGE COUNTY --- 1.3 WNW LAMBS CREEK [38.26, -77.29], 1.2 NW LAMBS CREEK [38.26, -77.29], 1.2 NW LAMBS CREEK [38.26, -77.29], 1.3 NW LAMBS CREEK [38.26, -77.29]				
	07/01/23 17:25 EST		0	Flash Flood (due to Heavy Rain)
	07/01/23 17:25 EST		0	Source: 911 Call Center
The 1100 Block of Bloomsbury Road was closed due to water flowing over the road.				
KING GEORGE COUNTY --- 0.8 ESE PASSAPATANZY [38.30, -77.31], 1.0 SW KING GEORGE [38.26, -77.18], 0.7 NNW WEEDONVILLE [38.29, -77.17], 2.0 NNW COMORN [38.31, -77.23], 1.2 WSW GOBY [38.31, -77.29]				
	07/01/23 19:15 EST		0	Flash Flood (due to Heavy Rain)
	07/01/23 19:45 EST		0	Source: 911 Call Center
There were multiple reports of streams over roads. Roads were partially washed out, and cars were stranded in water between Passapatanzky and King George.				
Showers and thunderstorms developed around a surface trough on the afternoon and evening. Slow moving thunderstorms led to some instances of flash flooding across central Virginia.				
NELSON COUNTY --- 2.4 ESE TYE RIVER [37.64, -78.93]				
	07/02/23 23:01 EST		1K	Thunderstorm Wind (EG 52 kt)
	07/02/23 23:01 EST		0	Source: 911 Call Center
Tree damage was reported north of Piedmont, including a tree that blew down in the 1500 block of VA-654 Falling Rock Drive.				
NELSON COUNTY --- 2.5 SE ARRINGTON [37.65, -78.89]				
	07/02/23 23:02 EST		1K	Thunderstorm Wind (EG 52 kt)
	07/02/23 23:02 EST		0	Source: 911 Call Center
Tree damage was reported south-southeast of Arrington, including a tree that blew down near the intersection of VA-661 Phoenix Road and Arrizona Lane.				
NELSON COUNTY --- 3.2 SSE ARRINGTON [37.64, -78.89]				
	07/02/23 23:02 EST		2K	Thunderstorm Wind (EG 52 kt)
	07/02/23 23:02 EST		0	Source: 911 Call Center
Tree damage was reported northwest of Buffalo Springs, including a tree that blew down onto power lines in the 3600 block of VA-661 Phoenix Road.				
NELSON COUNTY --- 1.2 SE NORWOOD [37.64, -78.81]				
	07/02/23 23:04 EST		1K	Thunderstorm Wind (EG 52 kt)
	07/02/23 23:04 EST		0	Source: 911 Call Center
Tree damage was reported in Norwood, including a tree that blew down near the intersection of VA-655 Variety Mills Road and VA-626 Norwood Road.				
A couple of severe thunderstorms initiated off the bay breeze near and to the south of Baltimore. Meanwhile, a couple of isolated thunderstorms produced sporadic wind damage further west in the vicinity of a lee pressure trough.				
NELSON COUNTY --- 2.6 SW NELLYSFORD [37.86, -78.92]				
	07/03/23 14:08 EST		3K	Thunderstorm Wind (EG 52 kt)
	07/03/23 14:08 EST		0	Source: 911 Call Center
Multiple trees blew down along VA-151 Patrick Henry Highway.				
ALBEMARLE COUNTY --- 1.6 SE GILBERT [38.12, -78.35]				
	07/03/23 14:50 EST		3K	Thunderstorm Wind (EG 52 kt)
	07/03/23 14:50 EST		0	Source: 911 Call Center
Multiple trees blew down near the intersection of VA-20 Stony Point Road and VA-640 Turkey Sag Road.				
FAIRFAX COUNTY --- 1.2 ENE COLCHESTER [38.67, -77.21]				
	07/03/23 16:27 EST		2K	Thunderstorm Wind (EG 52 kt)
	07/03/23 16:27 EST		0	Source: 911 Call Center
Tree damage was reported southeast of Lorton, including a tree that blew down in the 10500 block of VA-601 Belmont Boulevard, and a tree that blew down in the 7600 block of Wiley Drive.				

Storm Data and Unusual Weather Phenomena - July 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
NELSON COUNTY --- 0.0 SSE LOVINGSTON [37.77, -78.88]				
	07/03/23 19:24 EST		10K	Thunderstorm Wind (EG 56 kt)
	07/03/23 19:24 EST		0	Source: 911 Call Center
Multiple trees blew down along US-29 Thomas Nelson Highway and adjoining roadways.				
CLARKE COUNTY --- 4.2 SSE BERRYVILLE [39.09, -77.94]				
	07/03/23 19:38 EST		1K	Thunderstorm Wind (EG 52 kt)
	07/03/23 19:38 EST		0	Source: 911 Call Center
Tree damage was reported east-southeast of Briggs, including a tree that blew down in the 3000 block of VA-606 River Road.				
NELSON COUNTY --- 0.4 S ADIAL [37.84, -78.82]				
	07/03/23 19:38 EST		5K	Thunderstorm Wind (EG 52 kt)
	07/03/23 19:38 EST		0	Source: 911 Call Center
Multiple trees blew down on VA-742 Old Ridge Road near VA-786 Woods Mill Lane. Trees also blew down near Ridgecrest Baptist Church on US-29 Thomas Nelson Highway.				
ALBEMARLE COUNTY --- 0.9 NE NORTH GARDEN [37.94, -78.64]				
	07/03/23 20:00 EST		5K	Thunderstorm Wind (EG 52 kt)
	07/03/23 20:00 EST		0	Source: 911 Call Center
Several trees blew down in the North Garden area.				
ALBEMARLE COUNTY --- 2.4 SSE RIO [38.04, -78.45]				
	07/03/23 20:21 EST		5K	Thunderstorm Wind (EG 52 kt)
	07/03/23 20:21 EST		0	Source: 911 Call Center
Several trees blew down along VA-20 Stony Point Road.				
A cold front sparked a few lines of thunderstorms. These thunderstorms produced localized wind damage, most notably over northeastern Maryland during the early evening hours.				
ALBEMARLE COUNTY --- 78.2 NE LINDSAY [38.85, -77.19]				
	07/05/23 14:16 EST		0.10M	Thunderstorm Wind (EG 52 kt)
	07/05/23 14:16 EST		0	Source: Public
A 30-foot maple tree blew over and a large oak tree fell crushing the wall of a house northeast of Annandale.				
An isolated thunderstorm resulted in a downburst causing localized wind damage over a small portion of Fairfax County, Virginia.				
FAIRFAX COUNTY --- 0.6 WNW RAVENWOOD [38.87, -77.19], 0.6 WNW RAVENWOOD [38.87, -77.19], 0.6 WNW RAVENWOOD [38.87, -77.19], 0.6 WNW RAVENWOOD [38.87, -77.19]				
	07/05/23 14:45 EST		0	Flash Flood (due to Heavy Rain)
	07/05/23 15:30 EST		0	Source: 911 Call Center
A swift water rescue for a car stuck in flood waters was near the intersection of Quincy Avenue and Graham Road.				
FAIRFAX COUNTY --- 0.4 WSW RAVENWOOD [38.87, -77.19], 0.4 WSW RAVENWOOD [38.87, -77.19], 0.4 WSW RAVENWOOD [38.87, -77.19], 0.4 WSW RAVENWOOD [38.87, -77.19]				
	07/05/23 14:50 EST		0	Flash Flood (due to Heavy Rain)
	07/05/23 15:30 EST		0	Source: 911 Call Center
A swift water rescue was for a car stuck in flood water near the 3000 Block of Wayne Road.				
FAIRFAX COUNTY --- 0.6 N ILDA [38.84, -77.25], 0.5 N ILDA [38.84, -77.25], 0.5 N ILDA [38.84, -77.25], 0.6 N ILDA [38.84, -77.25]				
	07/05/23 15:02 EST		0	Flash Flood (due to Heavy Rain)
	07/05/23 15:30 EST		0	Source: 911 Call Center
There was a swift water rescue for a car stuck in flood waters near the intersection of Little River Turnpike and Vanda Lane.				

Storm Data and Unusual Weather Phenomena - July 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
FAIRFAX COUNTY --- 1.4 N ILDA [38.85, -77.25], 1.4 N ILDA [38.85, -77.25], 1.4 N ILDA [38.85, -77.25], 1.4 N ILDA [38.85, -77.25]				
	07/05/23 15:15 EST		0	Flash Flood (due to Heavy Rain)
	07/05/23 15:30 EST		0	Source: 911 Call Center
A swift water rescue took place for a vehicle stuck in flood waters near the intersection of Morningside Driver and Prosperity Avenue.				
Showers and thunderstorms were moving slowly due to little wind aloft. This led to some flash flooding in northern Virginia.				
ROCKINGHAM COUNTY --- 0.2 S BRIDGEWATER [38.38, -78.97]				
	07/06/23 19:49 EST		5K	Thunderstorm Wind (EG 52 kt)
	07/06/23 19:49 EST		0	Source: 911 Call Center
There were several reports of trees, tree limbs and wires blown down in Bridgewater, including on East College Street, and in the 200 block of Tiffany Drive.				
ROCKINGHAM COUNTY --- 0.9 SW MT CRAWFORD [38.36, -78.94]				
	07/06/23 19:50 EST		0.10M	Thunderstorm Wind (EG 61 kt)
	07/06/23 19:50 EST		0	Source: Broadcast Media
Dozens of trees blew down and the roof of a barn partially blew off in Mount Crawford.				
ALBEMARLE COUNTY --- 0.5 E WHITE HALL [38.12, -78.66]				
	07/06/23 21:27 EST		3K	Thunderstorm Wind (EG 52 kt)
	07/06/23 21:27 EST		0	Source: 911 Call Center
A few trees blew down in western Albemarle County.				
Unstable air along a pressure trough well ahead of a cold front over the Ohio River Valley sparked scattered thunderstorms during the afternoon and evening hours. Localized wind damage was reported in northern Maryland, and a considerably severe thunderstorm affected parts of the central Shenandoah Valley in Virginia.				
ARLINGTON COUNTY --- 0.4 SW ROSSLYN [38.88, -77.08], 0.4 SW ROSSLYN [38.88, -77.08], 0.4 SW ROSSLYN [38.88, -77.08], 0.4 SW ROSSLYN [38.88, -77.08]				
	07/07/23 12:12 EST		0	Flood (due to Heavy Rain)
	07/07/23 14:12 EST		0	Source: 911 Call Center
Washington Boulevard at Arlington Boulevard near the underpass was closed due to high water.				
ARLINGTON COUNTY --- 0.6 WSW SOUTH WASHINGTON [38.87, -77.06], 0.6 WSW SOUTH WASHINGTON [38.87, -77.06], 0.5 WSW SOUTH WASHINGTON [38.87, -77.06], 0.6 WSW SOUTH WASHINGTON [38.87, -77.06]				
	07/07/23 12:27 EST		0	Flood (due to Heavy Rain)
	07/07/23 14:27 EST		0	Source: Department of Highways
The left two lanes of Interstate 395 were closed due to standing water. A car was stuck in high water.				
ARLINGTON COUNTY --- 0.1 SSE SOUTH WASHINGTON [38.87, -77.05], 0.2 SSE SOUTH WASHINGTON [38.87, -77.05], 0.2 SE SOUTH WASHINGTON [38.87, -77.05], 0.1 SE SOUTH WASHINGTON [38.87, -77.05]				
	07/07/23 12:33 EST		0	Flood (due to Heavy Rain)
	07/07/23 14:33 EST		0	Source: Broadcast Media
The left side of northbound I-395 Henry G. Shirley Memorial Highway was blocked by flooding near Exit 8C for US-1 and VA-110 Richmond Highway.				
ARLINGTON COUNTY --- 0.8 WSW SOUTH WASHINGTON [38.87, -77.06], 0.8 WSW SOUTH WASHINGTON [38.87, -77.06], 0.7 WSW SOUTH WASHINGTON [38.87, -77.06], 0.7 WSW SOUTH WASHINGTON [38.87, -77.06]				
	07/07/23 12:35 EST		0	Flash Flood (due to Heavy Rain)
	07/07/23 13:30 EST		0	Source: Fire Department/Rescue
A water rescue occurred in the area of South Joyce Street and Army Navy Drive. Several vehicles were stranded in high water. Crews were utilizing rescue boats.				
ARLINGTON COUNTY --- SOUTH WASHINGTON [38.87, -77.05], 0.4 ESE SOUTH WASHINGTON [38.87, -77.04], 0.5 ENE SOUTH WASHINGTON [38.87, -77.04], 0.4 NE SOUTH WASHINGTON [38.88, -77.05]				

Storm Data and Unusual Weather Phenomena - July 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/07/23 12:54 EST		0	Flood (due to Heavy Rain)
	07/07/23 13:54 EST		0	Source: Broadcast Media
The right side of southbound George Washington Memorial Parkway was blocked by flooding at the Interstate 395 and 14th Street Bridge.				
A cold front passed through the area on the 7th, leading to a few showers and thunderstorms. Some thunderstorms caused heavy rainfall in a short period of time that led to isolated instances of flooding and flash flooding in northern Virginia.				
<hr/>				
KING GEORGE COUNTY --- 0.5 N HOODES [38.36, -77.07]				
	07/07/23 14:21 EST		5K	Thunderstorm Wind (EG 52 kt)
	07/07/23 14:21 EST		0	Source: 911 Call Center
Multiple trees blew down onto power lines around VA-624 Owens Drive in Dahlgren.				
<hr/>				
KING GEORGE COUNTY --- 1.7 W NINDE [38.27, -77.08]				
	07/07/23 14:33 EST		5K	Thunderstorm Wind (EG 52 kt)
	07/07/23 14:33 EST		0	Source: 911 Call Center
Multiple trees blew down onto power lines near VA-205 Ridge Road.				
<hr/>				
KING GEORGE COUNTY --- 0.2 NW NINDE [38.27, -77.05]				
	07/07/23 14:35 EST		5K	Thunderstorm Wind (EG 52 kt)
	07/07/23 14:35 EST		0	Source: 911 Call Center
Multiple trees blew down onto power lines in the area around VA-619 Good Hope Road.				
<hr/>				
MADISON COUNTY --- 0.8 WNW DUET [38.49, -78.28]				
	07/07/23 15:56 EST		5K	Thunderstorm Wind (EG 52 kt)
	07/07/23 15:56 EST		0	Source: 911 Call Center
Multiple large trees blew down in the 2100 block of VA-231 South F T Valley Road.				
<hr/>				
MADISON COUNTY --- 1.1 E HAYWOOD [38.45, -78.25]				
	07/07/23 16:09 EST		2K	Thunderstorm Wind (EG 52 kt)
	07/07/23 16:09 EST		0	Source: 911 Call Center
A large tree blew down in the 3900 block of VA-603 Hebron Valley Road.				
<hr/>				
ALBEMARLE COUNTY --- 1.0 ENE BURNLEYS [38.15, -78.31]				
	07/07/23 17:09 EST		1K	Thunderstorm Wind (EG 52 kt)
	07/07/23 17:09 EST		0	Source: 911 Call Center
Tree damage was reported southwest of Barboursville, including a large tree that blew down near the intersection of VA -20 Stony Point Road and VA-641 Echo Valley Road.				
A pressure trough sparked several thunderstorms during the afternoon and evening hours, a few of which produced localized wind damage east of the Blue Ridge and Catoclin Mountains.				
<hr/>				
MADISON COUNTY --- 0.2 SE HAYWOOD [38.45, -78.27]				
	07/08/23 17:53 EST		3K	Thunderstorm Wind (EG 52 kt)
	07/08/23 17:53 EST		0	Source: 911 Call Center
Multiple trees blew down on VA-609 West Hoover Road.				
<hr/>				
GREENE COUNTY --- 0.1 SSE MARCH [38.27, -78.53]				
	07/08/23 19:30 EST		1K	Thunderstorm Wind (EG 52 kt)
	07/08/23 19:30 EST		0	Source: 911 Call Center
Tree damage was reported south-southeast of Haneytown, including a tree that blew down in the 1700 block of VA-615 Evergreen Church Road.				
<hr/>				
GREENE COUNTY --- 1.6 WSW KINDERHOOK [38.36, -78.46]				
	07/08/23 19:30 EST		1K	Thunderstorm Wind (EG 52 kt)
	07/08/23 19:30 EST		0	Source: 911 Call Center

Storm Data and Unusual Weather Phenomena - July 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Tree damage was reported near McMullen, including a tree that blew down in the 400 block of VA-642 Entry Run Road.				
An isolated severe thunderstorm produced localized wind damage in Greene and Madison Counties during the early evening hours.				
<hr/>				
ROCKINGHAM COUNTY --- 1.1 NNW CLOVER HILL [38.46, -79.04]	07/14/23 13:08 EST		10K	Thunderstorm Wind (EG 52 kt)
	07/14/23 13:08 EST		0	Source: Broadcast Media
Several trees and power lines blew down in the 8500 block of VA-743 Union Springs Road.				
<hr/>				
ROCKINGHAM COUNTY --- 0.0 N CLOVER HILL [38.45, -79.03]	07/14/23 13:17 EST		5K	Thunderstorm Wind (EG 52 kt)
	07/14/23 13:17 EST		0	Source: Emergency Manager
Multiple trees and wires blew down in the Clover Hill area toward the north side of Bridgewater.				
<hr/>				
FREDERICK COUNTY --- 1.1 WSW CROSS JCT [39.31, -78.32]	07/14/23 13:57 EST		0	Hail (1.00 in)
	07/14/23 13:57 EST		0	Source: NWS Employee
Quarter size hail was reported west-southwest of Cross Junction.				
<hr/>				
FREDERICK COUNTY --- 0.4 E CROSS JCT [39.32, -78.29]	07/14/23 14:09 EST		0	Hail (1.25 in)
	07/14/23 14:09 EST		0	Source: Trained Spotter
Hail up to half dollar size was reported in Cross Junction.				
<hr/>				
FREDERICK COUNTY --- 1.3 SW CEDAR GROVE [39.26, -78.22]	07/14/23 14:27 EST		0	Hail (1.25 in)
	07/14/23 14:27 EST		0	Source: Public
Half dollar size hail was reported near the intersection of US-522 North Frederick Pike and VA-608 Hunting Ridge Road.				
<hr/>				
AUGUSTA COUNTY --- 2.9 NE WEST AUGUSTA [38.31, -79.30]	07/14/23 15:16 EST		0	Thunderstorm Wind (EG 52 kt)
	07/14/23 15:16 EST		0	Source: Park/Forest Service
Several trees blew down in the area of Braley Pond in the George Washington National Forest.				
<hr/>				
LOUDOUN COUNTY --- 2.2 W HILLSBORO [39.19, -77.76]	07/14/23 15:32 EST		1K	Thunderstorm Wind (EG 52 kt)
	07/14/23 15:32 EST		0	Source: Department of Highways
Tree damage was reported west-southwest of Hillsboro, including a tree that blew down on VA-714 Shannondale Road near VA-716 Edgegrove Road.				
<hr/>				
LOUDOUN COUNTY --- 1.3 WSW BRITAIN [39.24, -77.70]	07/14/23 15:40 EST		1K	Thunderstorm Wind (EG 52 kt)
	07/14/23 15:40 EST		0	Source: Department of Highways
Tree damage was reported north-northeast of Hillsboro, including a tree that blew down on VA-690 Mountain Road near VA-693 Morrisonville Road.				
<hr/>				
LOUDOUN COUNTY --- 0.5 W NORTH FORK [39.07, -77.74]	07/14/23 15:54 EST		1K	Thunderstorm Wind (EG 52 kt)
	07/14/23 15:54 EST		0	Source: Department of Highways
Tree damage was reported near Philomont, including a tree that blew down on VA-728 North Fork Road near VA-611 New Ford Road/Telegraph Springs Road.				
<hr/>				
LOUDOUN COUNTY --- 1.6 ESE PURCELLVILLE [39.14, -77.69]	07/14/23 15:59 EST		5K	Thunderstorm Wind (EG 56 kt)
	07/14/23 15:59 EST		0	Source: NWS Employee

Storm Data and Unusual Weather Phenomena - July 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Trees blew down near the intersection of Hirst Road and VA-287 Berlin Turnpike.				
LOUDOUN COUNTY --- 1.6 ESE BRITAIN [39.24, -77.65]				
	07/14/23 16:02 EST		10K	Thunderstorm Wind (EG 61 kt)
	07/14/23 16:02 EST		0	Source: Department of Highways
Numerous trees blew down along VA-287 Berlin Turnpike between Wheatland and Lovettsville.				
LOUDOUN COUNTY --- 1.3 E LOVETTSVILLE [39.27, -77.61]				
	07/14/23 16:03 EST		2K	Thunderstorm Wind (EG 52 kt)
	07/14/23 16:03 EST		0	Source: Department of Highways
Trees blew down on VA-663 Downey Mill Road/Quarter Branch Road near VA-672 Lovettsville Road.				
FAIRFAX COUNTY --- 0.5 W HERNDON [38.97, -77.39]				
	07/14/23 16:25 EST		0	Hail (1.50 in)
	07/14/23 16:25 EST		0	Source: NWS Employee
Up to ping pong ball size hail was reported in Herndon.				
FAIRFAX COUNTY --- 0.5 W HERNDON [38.97, -77.39]				
	07/14/23 16:25 EST		10K	Thunderstorm Wind (EG 56 kt)
	07/14/23 16:25 EST		0	Source: NWS Employee
Trees and branches blew down and a large garbage dumpster was displaced in Herndon.				
FAIRFAX COUNTY --- 0.6 SSE GREENWAY [38.96, -77.23]				
	07/14/23 16:31 EST		10K	Thunderstorm Wind (EG 52 kt)
	07/14/23 16:31 EST		0	Source: Trained Spotter
A tree blew down onto a vehicle and power lines near the intersection of VA-193 Georgetown Pike and VA-684 Spring Hill Road.				
FAIRFAX COUNTY --- 0.9 ENE ELKINS [38.98, -77.25]				
	07/14/23 16:31 EST		5K	Thunderstorm Wind (EG 52 kt)
	07/14/23 16:31 EST		0	Source: 911 Call Center
Multiple trees blew down on VA-193 Georgetown Pike. Trees also blew down in Great Falls Park.				
FAIRFAX COUNTY --- 0.6 E SUNSET HILLS [38.95, -77.34]				
	07/14/23 16:34 EST		0	Thunderstorm Wind (MG 57 kt)
	07/14/23 16:34 EST		0	Source: Mesonet
A wind gust of 57 knots (66 MPH) was measured by a mesonet in Reston.				
FAIRFAX COUNTY --- 1.0 S (IAD)DULLES INTL ARP [38.94, -77.45]				
	07/14/23 16:35 EST		0	Thunderstorm Wind (MG 51 kt)
	07/14/23 16:35 EST		0	Source: ASOS
A wind gust of 51 knots (59 MPH) was measured by the ASOS at Washington Dulles International Airport (KIAD).				
ARLINGTON COUNTY --- 1.8 SSE SOUTH WASHINGTON [38.85, -77.03]				
	07/14/23 17:30 EST		0	Thunderstorm Wind (MG 52 kt)
	07/14/23 17:30 EST		0	Source: ASOS
A wind gust of 52 knots (60 MPH) was measured by the ASOS at Ronald Reagan Washington National Airport (KDCA).				
FAIRFAX COUNTY --- 1.2 ESE LAUREL GROVE [38.76, -77.13]				
	07/14/23 17:50 EST		3K	Thunderstorm Wind (EG 52 kt)
	07/14/23 17:50 EST		0	Source: 911 Call Center
Multiple trees blew down on VA-611 Telegraph Road near Wickford Drive.				

Storm Data and Unusual Weather Phenomena - July 2023

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

A cold front slowed as it approached the Appalachian Mountains, intersecting a hot, humid, and unstable airmass. This resulted in scattered to numerous showers and thunderstorms, several of which became severe producing widely scattered instances of wind damage and isolated large hail. A couple of localized considerable instances of wind damage were noted near Washington, DC, and its western suburbs.

FAIRFAX COUNTY --- 0.5 E HERNDON HGTS [38.98, -77.39], 0.5 E HERNDON HGTS [38.98, -77.39], 0.5 E HERNDON HGTS [38.98, -77.39], 0.5 E HERNDON HGTS [38.98, -77.39], 0.5 E HERNDON HGTS [38.98, -77.39]

07/14/23 17:20 EST	0	Flash Flood (due to Heavy Rain)
07/14/23 17:45 EST	0	Source: NWS Employee

A stream was flowing out of its banks over the Pedestrian Footbridge. Greater than six inches of water was flowing over the bridge.

Heavy rain from thunderstorms led to an isolated instance of flash flooding in Fairfax County.

ALBEMARLE COUNTY --- 0.7 NE BATESVILLE [38.01, -78.72], 1.9 WNW BATESVILLE [38.01, -78.76], 2.3 SSE BATESVILLE [37.97, -78.71], 2.2 S MILLER SCHOOL [37.99, -78.69]

07/15/23 22:00 EST	0	Flood (due to Heavy Rain)
07/16/23 04:00 EST	0	Source: 911 Call Center

Plank Road closed near Batesville due to high water.

ALBEMARLE COUNTY --- 1.1 WNW CASH CORNER [38.08, -78.30], 1.2 SSW COBHAM [38.05, -78.29], 1.2 SW RUGBY [38.01, -78.35], 0.7 NNE SHADWELL [38.03, -78.39]

07/15/23 22:00 EST	0	Flood (due to Heavy Rain)
07/16/23 04:00 EST	0	Source: 911 Call Center

Louisa Road closed near Carroll Creek and Gordonsville Road closed near St. John Road.

NELSON COUNTY --- 0.7 NW BUFFALO MINES [37.74, -79.04], 1.0 SE ROSELAND [37.74, -78.97], 4.0 SSW NELLYSFORD [37.83, -78.91], 1.7 WNW TYRO [37.83, -79.03]

07/15/23 22:00 EST	0	Flood (due to Heavy Rain)
07/16/23 04:00 EST	0	Source: 911 Call Center

Multiple roads closed due to standing or high water near Roseland and Jonesboro.

ORANGE COUNTY --- 2.6 E BARBOURSVILLE [38.17, -78.23], 1.9 WSW SOMERSET [38.21, -78.26], 1.5 N SOMERSET [38.24, -78.23], 1.6 NNW ORANGE CO ARPT [38.27, -78.06], 1.4 WSW DANIEL [38.16, -78.05]

07/15/23 22:00 EST	0	Flood (due to Heavy Rain)
07/16/23 04:00 EST	0	Source: 911 Call Center

Monrovia Road closed at Tomahawk Creek, Tomahawk Creek Road closed at Poorhouse Run, Mountain Track Road closed, Brick Church Road, and Fairground Road closed due to high water.

A slow moving frontal boundary interacted with a seasonably moist airmass resulting in multiple rounds of showers and thunderstorms that resulted in one to four and a half inches of rain.

AUGUSTA COUNTY --- 2.2 NE WHITE HILL [38.07, -79.04]

07/25/23 14:52 EST	10K	Thunderstorm Wind (EG 52 kt)
07/25/23 14:52 EST	0	Source: Broadcast Media

There were several reports of trees, branches and wires blown down on VA-648 Christians Creek Road near the county landfill.

RAPPAHANNOCK COUNTY --- 0.9 SE SPERRYVILLE [38.66, -78.24]

07/25/23 17:35 EST	1K	Thunderstorm Wind (EG 52 kt)
07/25/23 17:35 EST	0	Source: 911 Call Center

Tree damage was reported near Sperryville, including in the unit block of VA-651 Atkins Road.

AUGUSTA COUNTY --- 0.5 WNW VERONA [38.20, -79.01]

07/25/23 18:09 EST	0	Hail (1.00 in)
07/25/23 18:09 EST	0	Source: Broadcast Media

There were multiple reports of quarter size hail in the Verona area.

Storm Data and Unusual Weather Phenomena - July 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
CULPEPER COUNTY --- 0.8 NNW BOSTON [38.54, -78.14]				
	07/25/23 18:09 EST		1K	Thunderstorm Wind (EG 52 kt)
	07/25/23 18:09 EST		0	Source: 911 Call Center
Tree damage was reported east of Slate Mills, including in the 5000 block of VA-707 Slate Mills Road.				
RAPPAHANNOCK COUNTY --- 0.7 ESE ROUNDHILL [38.57, -78.16]				
	07/25/23 18:09 EST		1K	Thunderstorm Wind (EG 52 kt)
	07/25/23 18:09 EST		0	Source: 911 Call Center
Tree damage was reported north of Slate Mills, including near the intersection of US-522 Sperryville Pike and Kidwell Lane.				
CULPEPER COUNTY --- 2.0 WSW REVA [38.49, -78.16]				
	07/25/23 18:15 EST		1K	Thunderstorm Wind (EG 52 kt)
	07/25/23 18:15 EST		0	Source: 911 Call Center
Tree damage was reported west of Reva, including in the 4000 block of VA-606 Novum Road.				
CULPEPER COUNTY --- 0.7 W NORMAN [38.52, -78.08]				
	07/25/23 18:20 EST		1K	Thunderstorm Wind (EG 52 kt)
	07/25/23 18:20 EST		0	Source: 911 Call Center
Tree damage was reported west of Cardova, including near the intersection of US-522 Sperryville Pike and VA-738 Old Turnpike Road.				
AUGUSTA COUNTY --- 0.7 NNW HERMITAGE [38.16, -78.92]				
	07/25/23 18:23 EST		10K	Thunderstorm Wind (EG 56 kt)
	07/25/23 18:23 EST		0	Source: Broadcast Media
Numerous trees were blown down between Verona and Dooms.				
AUGUSTA COUNTY --- 0.5 NE CRIMORA [38.15, -78.84]				
	07/25/23 18:33 EST		2K	Thunderstorm Wind (EG 52 kt)
	07/25/23 18:33 EST		0	Source: Broadcast Media
Trees blew down along VA-612 New Hope-Crimora Road.				
AUGUSTA COUNTY --- 1.0 NNW DOOMS [38.13, -78.88]				
	07/25/23 18:33 EST		3K	Thunderstorm Wind (EG 52 kt)
	07/25/23 18:33 EST		0	Source: Broadcast Media
Trees blew down onto power lines in the 1600 block of VA-865 Rockfish Road.				
LOUDOUN COUNTY --- 2.3 SE BLUEMONT [39.09, -77.79]				
	07/25/23 18:42 EST		0	Hail (1.00 in)
	07/25/23 18:42 EST		0	Source: Trained Spotter
Quarter size hail was reported near Bluemont.				
LOUDOUN COUNTY --- 1.7 E ROUND HILL [39.13, -77.79]				
	07/25/23 18:48 EST		0	Hail (1.00 in)
	07/25/23 18:48 EST		0	Source: Trained Spotter
Quarter size hail was reported near Round Hill.				
LOUDOUN COUNTY --- 2.8 E ROUND HILL [39.13, -77.77]				
	07/25/23 18:51 EST		0	Hail (1.00 in)
	07/25/23 18:51 EST		0	Source: Trained Spotter
Quarter size hail was reported in Round Hill.				
LOUDOUN COUNTY --- 0.8 SE PURCELLVILLE [39.14, -77.71]				

Storm Data and Unusual Weather Phenomena - July 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/25/23 18:56 EST		0	Hail (1.00 in)
	07/25/23 18:56 EST		0	Source: NWS Employee
Quarter size hail was reported in Purcellville.				
<hr/>				
WARREN COUNTY --- 2.3 WNW BUCKTON [38.99, -78.32]				
	07/25/23 19:06 EST		0.25M	Thunderstorm Wind (EG 61 kt)
	07/25/23 19:06 EST		0	Source: 911 Call Center
Numerous trees blew down, storm doors blew off of houses into the street, and a lumberyard had a roof torn off east of Strasburg.				
<hr/>				
WARREN COUNTY --- 26.4 W BLOOMFIELD [38.99, -78.29]				
	07/25/23 19:28 EST		0	Hail (1.00 in)
	07/25/23 19:28 EST		0	Source: Trained Spotter
Quarter size hail was reported near the I-66/I-81 interchange.				
Remnant outflow from convection the day before over the Midwest combined with a lee pressure trough resulted in scattered to numerous showers and thunderstorms. Several produced localized wind damage and some hail.				
<hr/>				
LOUDOUN COUNTY --- 2.4 S LOVETTSVILLE [39.24, -77.63]				
	07/27/23 15:48 EST		2K	Thunderstorm Wind (EG 52 kt)
	07/27/23 15:48 EST		0	Source: Department of Highways
Trees blew down near the intersection of VA-681 Milltown Road and VA-682 Rodeffer Road.				
<hr/>				
LOUDOUN COUNTY --- 2.8 NW WATERFORD [39.21, -77.63]				
	07/27/23 15:48 EST		2K	Thunderstorm Wind (EG 52 kt)
	07/27/23 15:48 EST		0	Source: Department of Highways
Trees blew down near the intersection of VA-694 John Wolford Road/The Narrows Road and VA-681 Milltown Road.				
<hr/>				
WINCHESTER (C) COUNTY --- 3.8 N WINCHESTER [39.18, -78.16]				
	07/27/23 16:14 EST		5K	Thunderstorm Wind (EG 52 kt)
	07/27/23 16:14 EST		0	Source: 911 Call Center
Several trees blew down in the City of Winchester.				
<hr/>				
FREDERICK COUNTY --- 0.9 SE WINCHESTER ARPT [39.14, -78.14]				
	07/27/23 16:17 EST		0	Thunderstorm Wind (MG 60 kt)
	07/27/23 16:17 EST		0	Source: AWOS
A wind gust of 60 knots (69 MPH) was measured by the AWOS at Winchester Regional Airport (KOKV).				
<hr/>				
LOUDOUN COUNTY --- 1.3 SSW HAMILTON [39.11, -77.66]				
	07/27/23 16:29 EST		2K	Thunderstorm Wind (EG 52 kt)
	07/27/23 16:29 EST		0	Source: Department of Highways
Trees blew down near the intersection of VA-848 Holmes Mill Road and VA-704 Harmony Church Road.				
<hr/>				
CLARKE COUNTY --- 2.7 E BRIGGS [39.10, -77.97]				
	07/27/23 16:34 EST		3K	Thunderstorm Wind (EG 52 kt)
	07/27/23 16:34 EST		0	Source: 911 Call Center
Multiple trees blew down on VA-621 Locke's Mill Road along the Shenandoah River.				
<hr/>				
LOUDOUN COUNTY --- 1.1 SSE WOODBURN [39.06, -77.61]				
	07/27/23 16:34 EST		3K	Thunderstorm Wind (EG 52 kt)
	07/27/23 16:34 EST		0	Source: Broadcast Media
Trees blew down on US-15 James Monroe Highway/Monroe-Madison Memorial Highway between VA-651 Hogback Mountain Road and VA-704 Harmony Church Road.				

Storm Data and Unusual Weather Phenomena - July 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
LOUDOUN COUNTY --- 2.9 S BLUEMONT [39.08, -77.83]				
	07/27/23 16:42 EST		2K	Thunderstorm Wind (EG 52 kt)
	07/27/23 16:42 EST		0	Source: Department of Highways
Trees blew down near the intersection of VA-765 Ridgeside Road and VA-626 Foggy Bottom Road.				
LOUDOUN COUNTY --- 1.1 SSW LEESBURG [39.10, -77.56]				
	07/27/23 17:00 EST		10K	Thunderstorm Wind (EG 52 kt)
	07/27/23 17:00 EST		0	Source: 911 Call Center
Several trees and wires blew down around Leesburg.				
LOUDOUN COUNTY --- 0.5 NNE ASHBURN [39.06, -77.48]				
	07/27/23 17:15 EST		10K	Thunderstorm Wind (EG 56 kt)
	07/27/23 17:15 EST		0	Source: Public
Multiple large trees and branches blew down in Ashburn, including on Gala Circle.				
LOUDOUN COUNTY --- 1.6 E MIDDLEBURG [38.97, -77.74]				
	07/27/23 17:15 EST		3K	Thunderstorm Wind (EG 52 kt)
	07/27/23 17:15 EST		0	Source: 911 Call Center
Trees and wires blew down in Middleburg.				
LOUDOUN COUNTY --- 0.5 NNW DOVER [38.98, -77.67]				
	07/27/23 17:18 EST		2K	Thunderstorm Wind (EG 52 kt)
	07/27/23 17:18 EST		0	Source: Department of Highways
Trees blew down along VA-629 Cobb House Road.				
LOUDOUN COUNTY --- 1.5 SSW BROAD RUN FARMS [39.01, -77.38]				
	07/27/23 17:31 EST		2K	Thunderstorm Wind (EG 52 kt)
	07/27/23 17:31 EST		0	Source: Department of Highways
Trees blew down on East Frederick Drive near Maywood Terrace/Woodstone Terrace.				
A weak trough spawned several severe thunderstorms over the far eastern West Virginia panhandle, extreme northern Virginia, and north-central Maryland.				
(VA-Z053) FAIRFAX, (VA-Z054) ARLINGTON, (VA-Z055) STAFFORD, (VA-Z056) SPOTSYLVANIA, (VA-Z057) KING GEORGE, (VA-Z505) WESTERN LOUDOUN, (VA-Z506) EASTERN LOUDOUN, (VA-Z527) CST AND SOUTHEAST PRINCE WILLIAM/MANASSAS/MANASSAS PARK				
	07/28/23 12:00 EST		0	Excessive Heat
	07/28/23 18:00 EST		0	
The combination of a strong upper-level high pressure over the central United States and moist southwest winds resulted in hot and humid conditions across the Mid-Atlantic that produced excessive heat conditions.				
CLARKE COUNTY --- 0.6 NE WATERLOO [39.09, -78.07]				
	07/28/23 15:26 EST		75K	Thunderstorm Wind (EG 61 kt)
	07/28/23 15:26 EST	1	0	Source: 911 Call Center
Several dozen trees and wires blew down in the Boyce area of Clarke County, including several onto vehicles. One tree blew down onto a car in the 11800 block of US-340 Lord Fairfax Highway, injuring the occupant.				
WARREN COUNTY --- 1.0 ESE LIMETON [38.84, -78.26]				
	07/28/23 15:30 EST		10K	Thunderstorm Wind (EG 52 kt)
	07/28/23 15:30 EST		0	Source: 911 Call Center
There were several reports of trees and wires blown down in southern Warren County, including in Browntown and Bentonville, and along VA-607 Rocky Lane.				
CLARKE COUNTY --- 3.2 N BOYCE [39.15, -78.05]				

Storm Data and Unusual Weather Phenomena - July 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/28/23 15:47 EST		10K	Thunderstorm Wind (EG 52 kt)
	07/28/23 15:47 EST		0	Source: 911 Call Center
Several trees and wires blew down north of Briggs, including near the intersection of VA-657 Senseny Road and VA-632 Triple J Road.				
RAPPAHANNOCK COUNTY --- 1.3 ESE FLINT HILL [38.76, -78.10]				
	07/28/23 16:03 EST		10K	Thunderstorm Wind (EG 52 kt)
	07/28/23 16:03 EST		0	Source: 911 Call Center
Trees and wires blew down along US-522 Zachary Taylor Highway near Ben Venue Road. Multiple other trees blew down in Flint Hill along US-522 Zachary Taylor Highway and VA-628 Fodderstack Road.				
HIGHLAND COUNTY --- 1.9 S MEADOWDALE [38.35, -79.67]				
	07/28/23 16:45 EST		2K	Thunderstorm Wind (EG 52 kt)
	07/28/23 16:45 EST		0	Source: 911 Call Center
Trees blew down in the 3500 block of VA-84 Mill Gap Road.				
RAPPAHANNOCK COUNTY --- 1.5 S FIVE FORKS [38.63, -78.17]				
	07/28/23 16:45 EST		3K	Thunderstorm Wind (EG 56 kt)
	07/28/23 16:45 EST		0	Source: 911 Call Center
Multiple trees blew down along Rudasill Mill Road/Hunters Road.				
RAPPAHANNOCK COUNTY --- 0.4 N ROCK MILLS [38.66, -78.13]				
	07/28/23 16:49 EST		5K	Thunderstorm Wind (EG 52 kt)
	07/28/23 16:49 EST		0	Source: 911 Call Center
Several trees blew down in Rock Mills and Laurel Mills.				
HIGHLAND COUNTY --- 0.4 SE MONTEREY HANNAH ARPT [38.40, -79.59]				
	07/28/23 16:50 EST		2K	Thunderstorm Wind (EG 52 kt)
	07/28/23 16:50 EST		0	Source: 911 Call Center
Trees blew down in the 1400 block of US-220 Jackson River Road.				
LOUDOUN COUNTY --- 3.0 WNW BROAD RUN FARMS [39.05, -77.42]				
	07/28/23 16:50 EST		2K	Thunderstorm Wind (EG 52 kt)
	07/28/23 16:50 EST		0	Source: Department of Highways
Trees blew down in Countryside, including along VA-1582 Algonkian Parkway near Spotswood Road.				
LOUDOUN COUNTY --- 1.8 WSW BROAD RUN FARMS [39.02, -77.40]				
	07/28/23 16:53 EST		0	Hail (1.00 in)
	07/28/23 16:53 EST		0	Source: Social Media
Quarter size hail was reported in Sterling.				
LOUDOUN COUNTY --- 2.7 WNW BROAD RUN FARMS [39.05, -77.41]				
	07/28/23 16:53 EST		0	Hail (1.25 in)
	07/28/23 16:53 EST		0	Source: Trained Spotter
Half dollar size hail was reported in Countryside.				
LOUDOUN COUNTY --- 1.2 E STERLING [39.00, -77.41]				
	07/28/23 16:55 EST		0	Hail (1.00 in)
	07/28/23 16:55 EST		0	Source: NWS Employee
Quarter size hail was reported in Sterling Park.				
SHENANDOAH COUNTY --- 0.4 E WOODSTOCK [38.88, -78.51]				

Storm Data and Unusual Weather Phenomena - July 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/28/23 17:07 EST		0.50M	Thunderstorm Wind (EG 65 kt)
	07/28/23 17:07 EST		0	Source: Broadcast Media
Several trees snapped and trucks were off the road due to high thunderstorm winds on I-81 near Woodstock. Dozens of trees were blown down in the area. Several outbuildings were also destroyed.				
RAPPAHANNOCK COUNTY --- 1.7 SW FIVE FORKS [38.63, -78.19]				
	07/28/23 17:10 EST		20K	Thunderstorm Wind (EG 56 kt)
	07/28/23 17:10 EST		0	Source: 911 Call Center
Numerous trees blew down along US-522 Sperryville Pike, including at least one onto a car.				
FREDERICK COUNTY --- 1.9 SSW NAIN [39.21, -78.21]				
	07/28/23 17:11 EST		15K	Thunderstorm Wind (EG 52 kt)
	07/28/23 17:11 EST		0	Source: 911 Call Center
Several trees and numerous large branches and wires blew down in the vicinity of Albin.				
RAPPAHANNOCK COUNTY --- 0.3 N ROCK MILLS [38.65, -78.13]				
	07/28/23 17:15 EST		3K	Thunderstorm Wind (EG 52 kt)
	07/28/23 17:15 EST		0	Source: 911 Call Center
Trees blew down between Rock Mills and Massanova, including along Rock Mills Road and VA-729 Richmond Road.				
CULPEPER COUNTY --- 1.3 NNE RIXEYVILLE [38.60, -77.96]				
	07/28/23 17:23 EST		2K	Thunderstorm Wind (EG 52 kt)
	07/28/23 17:23 EST		0	Source: 911 Call Center
Trees blew down on VA-229 Rixeyville Road near VA-611 Waterford Road.				
AUGUSTA COUNTY --- 0.8 WSW CHURCHVILLE [38.23, -79.16]				
	07/28/23 17:30 EST		10K	Thunderstorm Wind (EG 56 kt)
	07/28/23 17:30 EST		0	Source: 911 Call Center
Numerous trees blew down in the Churchville area.				
AUGUSTA COUNTY --- 0.5 SW MT SOLON [38.34, -79.09]				
	07/28/23 17:35 EST		10K	Thunderstorm Wind (EG 56 kt)
	07/28/23 17:35 EST		0	Source: 911 Call Center
Numerous trees blew down in the Mount Solon area.				
FAUQUIER COUNTY --- 1.5 W WARRENTON [38.72, -77.81]				
	07/28/23 17:35 EST		10K	Thunderstorm Wind (EG 52 kt)
	07/28/23 17:35 EST		0	Source: 911 Call Center
Several trees and wires blew down around Warrenton.				
FAUQUIER COUNTY --- 0.8 NNW SUMERDUCK [38.46, -77.73]				
	07/28/23 18:02 EST		2K	Thunderstorm Wind (EG 52 kt)
	07/28/23 18:02 EST		0	Source: 911 Call Center
Trees blew down in Sumerduck.				
NELSON COUNTY --- 1.1 ENE ARRINGTON [37.68, -78.90]				
	07/28/23 18:06 EST		10K	Thunderstorm Wind (EG 56 kt)
	07/28/23 18:06 EST		0	Source: 911 Call Center
Numerous trees blew down in the Arrington area.				
NELSON COUNTY --- 3.0 NW LOVINGSTON [37.80, -78.92]				

Storm Data and Unusual Weather Phenomena - July 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/28/23 18:15 EST		25K	Thunderstorm Wind (EG 61 kt)
	07/28/23 18:15 EST		0	Source: 911 Call Center

Multiple roads were closed west of Lovington toward Wintergreen due to numerous trees that blew down.

ALBEMARLE COUNTY --- 0.5 ESE WHITE HALL [38.12, -78.66]				
	07/28/23 18:24 EST		2K	Thunderstorm Wind (EG 52 kt)
	07/28/23 18:24 EST		0	Source: 911 Call Center

Trees blew down near White Hall.

ALBEMARLE COUNTY --- 0.1 SE CROZET [38.07, -78.70]				
	07/28/23 18:27 EST		20K	Thunderstorm Wind (EG 56 kt)
	07/28/23 18:27 EST		0	Source: 911 Call Center

Several roads were closed due to numerous trees that blew down in Crozet.

PRINCE WILLIAM COUNTY --- 0.6 SSE LIMSTRONG [38.71, -77.47]				
	07/28/23 18:28 EST		2K	Thunderstorm Wind (EG 52 kt)
	07/28/23 18:28 EST		0	Source: Department of Highways

Trees blew down near the intersection of VA-234 Dumfries Road and Brentsville Road.

ALBEMARLE COUNTY --- 1.1 SSE FREE UNION [38.15, -78.56]				
	07/28/23 18:29 EST		5K	Thunderstorm Wind (EG 52 kt)
	07/28/23 18:29 EST		0	Source: 911 Call Center

Several trees blew down blocking roads in Free Union.

STAFFORD COUNTY --- 0.9 SW MOUNTAIN VIEW [38.46, -77.48]				
	07/28/23 18:30 EST		10K	Thunderstorm Wind (EG 52 kt)
	07/28/23 18:30 EST		0	Source: 911 Call Center

There were several calls for trees, branches, and wires down across Stafford County.

CHARLOTTESVILLE (C) COUNTY --- 0.9 ENE CHARLOTTESVILLE [38.04, -78.49]				
	07/28/23 18:47 EST		5K	Thunderstorm Wind (EG 52 kt)
	07/28/23 18:47 EST		0	Source: 911 Call Center

There were multiple trees blown down around the City of Charlottesville.

MADISON COUNTY --- 1.8 SE BRIGHTWOOD [38.40, -78.17]				
	07/28/23 19:09 EST		6K	Thunderstorm Wind (EG 52 kt)
	07/28/23 19:09 EST		0	Source: 911 Call Center

There were multiple reports of trees blown down in northeastern Madison County, including near Brightwood, Fordsville, and Oakpark.

PRINCE WILLIAM COUNTY --- 1.7 SSW AGNEWVILLE [38.65, -77.29]				
	07/28/23 20:12 EST		3K	Thunderstorm Wind (EG 52 kt)
	07/28/23 20:12 EST		0	Source: Emergency Manager

Trees blew down onto power lines blocking the roadway in the 14000 block of Telegraph Road.

PRINCE WILLIAM COUNTY --- 0.8 WNW FEATHERSTONE [38.64, -77.26]				
	07/28/23 20:13 EST		7K	Thunderstorm Wind (EG 56 kt)
	07/28/23 20:13 EST		0	Source: 911 Call Center

Trees blew down in Woodbridge east of I-95. Trees blew down on I-95 at Mile Marker 152.

A subtle remnant disturbance from prior day's convection over the Midwest amplified a pre-existing lee pressure trough, igniting numerous thunderstorms. Given the excessive hot, humid, and unstable environment, these thunderstorms were able to organize into clusters and lines despite a lack of stronger wind shear.

Storm Data and Unusual Weather Phenomena - July 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
RAPPAHANNOCK COUNTY --- 1.4 SSW FIVE FORKS [38.63, -78.18], 1.6 S FIVE FORKS [38.63, -78.17], 1.6 S FIVE FORKS [38.63, -78.17], 1.3 S FIVE FORKS [38.63, -78.17]				
	07/28/23 17:49 EST		0	Flash Flood (due to Heavy Rain)
	07/28/23 18:15 EST		0	Source: 911 Call Center
Rudasill Mill Road was closed due to flowing water over the roadway in several locations.				
An isolated instance of flash flooding occurred due to heavy rain associated with thunderstorms.				
LOUDOUN COUNTY --- 2.5 NNW WATERFORD [39.22, -77.61]				
	07/29/23 14:40 EST		3K	Thunderstorm Wind (EG 52 kt)
	07/29/23 14:40 EST		0	Source: 911 Call Center
Trees and power lines blew down around VA-695 Creek Lane and VA-662 Clover Hill Road in Waterford.				
LOUDOUN COUNTY --- 1.0 W LUCKETTS [39.22, -77.55]				
	07/29/23 14:45 EST		2K	Thunderstorm Wind (EG 52 kt)
	07/29/23 14:45 EST		0	Source: Department of Highways
Trees blew down on eastbound VA-663 Taylorstown Road in the vicinity of VA-673 Bald Hill Road.				
FAIRFAX COUNTY --- 1.1 NNW RESTON [38.99, -77.31]				
	07/29/23 15:10 EST		10K	Thunderstorm Wind (EG 52 kt)
	07/29/23 15:15 EST		0	Source: Department of Highways
Trees blew down between Reston and Great Falls, including on eastbound Shesue Street in the vicinity of Challedon Road, on eastbound Minburn Street in the vicinity of Golden Arrow Street, and on VA-7 Leesburg Pike in the vicinity of VA-606 Baron Cameron Avenue.				
FAIRFAX COUNTY --- 0.6 ENE SWINKS MILL [38.95, -77.19]				
	07/29/23 15:21 EST		2K	Thunderstorm Wind (EG 52 kt)
	07/29/23 15:21 EST		0	Source: Department of Highways
Trees blew down on eastbound VA-193 Georgetown Pike in the vicinity of Dead Run Drive.				
FAIRFAX COUNTY --- 0.7 NNW CHESTERBROOK WOODS [38.94, -77.18]				
	07/29/23 15:22 EST		10K	Thunderstorm Wind (EG 56 kt)
	07/29/23 15:22 EST		0	Source: 911 Call Center
Numerous trees blew down in northeastern Fairfax County, including in the McLean area.				
FAIRFAX COUNTY --- 1.6 E LANGLEY [38.95, -77.14]				
	07/29/23 15:25 EST		0.50M	Thunderstorm Wind (EG 61 kt)
	07/29/23 15:35 EST		0	Source: Broadcast Media
Dozens of trees and large branches blew down along George Washington Memorial Parkway between I-495 Capital Beltway and VA-123 Dolley Madison Boulevard/Chain Bridge Road. The roadway remained closed for nearly a week due to fallen trees.				
ARLINGTON COUNTY --- 1.6 NNW ROSSLYN [38.90, -77.09]				
	07/29/23 15:30 EST		10M	Thunderstorm Wind (EG 70 kt)
	07/29/23 16:00 EST		0	Source: Emergency Manager
Hundreds of trees, branches, and wires blew down in Chain Bridge Forest, Rivercrest, Bellevue Forest, Riverwood, Court House, Clarendon, Virginia Square, Maywood, Lyon Village, Rosslyn, and Fort Myer, with dozens onto cars and houses. Dozens of trees and branches blew down in Arlington National Cemetery. Southbound George Washington Memorial Parkway was closed north of US-50 Arlington Boulevard for nearly a week due to fallen trees and storm debris; northbound was shut down north of Spout Run Parkway. Southbound Spout Run Parkway was also closed for several days between Lorcom Lane and George Washington Memorial Parkway due to downed trees. Numerous trees blew down blocking eastbound I-66 Custis Memorial Parkway in Rosslyn, where several road signs also blew down.				
FAIRFAX COUNTY --- 1.1 WNW VALE [38.89, -77.37]				
	07/29/23 15:37 EST		10K	Thunderstorm Wind (EG 52 kt)
	07/29/23 15:37 EST		0	Source: Department of Highways

Storm Data and Unusual Weather Phenomena - July 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Trees blew down on eastbound Tilton Valley Drive in the vicinity of Hickory Knoll Place . Numerous large tree limbs blew down and shingles blew off a house in the 12000 block of Ridge Knoll Drive.				
FALLS CHURCH (C) COUNTY --- 0.5 NE FALLS CHURCH [38.88, -77.17]				
	07/29/23 15:45 EST		25K	Thunderstorm Wind (EG 56 kt)
	07/29/23 15:45 EST		0	Source: 911 Call Center
Numerous trees and large branches blew down around the City of Falls Church.				
FAIRFAX COUNTY --- 0.9 N FAIRFAX STATION [38.81, -77.32]				
	07/29/23 15:49 EST		2K	Thunderstorm Wind (EG 52 kt)
	07/29/23 15:49 EST		0	Source: Department of Highways
Trees blew down near the intersection of Zion Drive and Colton Street.				
FAIRFAX COUNTY --- 0.8 SW RAVENWOOD [38.86, -77.19]				
	07/29/23 15:50 EST		0.10M	Thunderstorm Wind (EG 61 kt)
	07/29/23 16:00 EST		0	Source: Department of Highways
Numerous trees blew down in the Lake Barcroft, West Falls Church, and Baileys Crossroads area. Trees blew down on northbound Brush Drive in the vicinity of Strathmore Street. Trees blew down on Military Drive at Diamond Drive. Large trees blew down on eastbound Carolyn Drive in the vicinity of Valley Lane. Trees blew down on Whispering Lane in the vicinity of Lakeview Drive .				
PRINCE WILLIAM COUNTY --- 2.0 NE WEST GATE OF LOMOND [38.79, -77.47]				
	07/29/23 15:50 EST		3M	Thunderstorm Wind (EG 61 kt)
	07/29/23 15:55 EST		0	Source: Emergency Manager
Dozens of large trees, branches and wires blew down just outside the City of Manassas Park, including many onto cars and houses. Numerous trees and large tree limbs blew down in the 7500 block of Allegheny Road.				
FAIRFAX COUNTY --- 0.8 N RAVENSWORTH [38.81, -77.22]				
	07/29/23 15:57 EST		2K	Thunderstorm Wind (EG 52 kt)
	07/29/23 15:57 EST		0	Source: Department of Highways
Trees blew down on northbound I-495 Capital Beltway Inner Loop at mile marker 54.0.				
ARLINGTON COUNTY --- 1.8 SSE SOUTH WASHINGTON [38.85, -77.03]				
	07/29/23 15:58 EST		0	Thunderstorm Wind (MG 52 kt)
	07/29/23 15:58 EST		0	Source: ASOS
A wind gust of 52 knots (60 MPH) was measured by the ASOS at Ronald Reagan Washington National Airport (KDCA).				
ALEXANDRIA (C) COUNTY --- 1.3 E ALEXANDRIA [38.82, -77.06]				
	07/29/23 16:00 EST		10M	Thunderstorm Wind (EG 70 kt)
	07/29/23 16:15 EST		0	Source: Emergency Manager
Hundreds of large trees, branches, and wires blew down in the City of Alexandria , especially in Old Town North, Del Ray, Rosemont, and North Ridge. Many fell onto cars and houses.				
FAIRFAX COUNTY --- 0.5 ESE LINCOLNIA [38.82, -77.14]				
	07/29/23 16:00 EST		50K	Thunderstorm Wind (EG 52 kt)
	07/29/23 16:00 EST		0	Source: Trained Spotter
Tree damage was reported in Lincolnia, including a large tree that blew down onto a house in the 6800 block of VA-236 Duke Street.				
PRINCE WILLIAM COUNTY --- 1.2 S LIMSTRONG [38.70, -77.47]				
	07/29/23 16:00 EST		25K	Thunderstorm Wind (EG 56 kt)
	07/29/23 16:10 EST		0	Source: Emergency Manager
Numerous trees blew down in the Doves Landing Park area south of Brentsville Road.				
FAIRFAX COUNTY --- 0.6 NE BELLE HAVEN [38.78, -77.06]				

Storm Data and Unusual Weather Phenomena - July 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/29/23 16:05 EST		10K	Thunderstorm Wind (EG 56 kt)
	07/29/23 16:15 EST		0	Source: Department of Highways
Numerous trees blew down on VA-629 Fort Hunt Road at Hunting Cove Place.				
SPOTSYLVANIA COUNTY --- 1.6 SE BROCKROAD [38.25, -77.66]				
	07/29/23 16:05 EST		1M	Thunderstorm Wind (EG 78 kt)
	07/29/23 16:15 EST		0	Source: Emergency Manager
Hundreds of trees blew down near Alsop. Trees blew down on VA-612 Catharpin Road near VA-613 Brock Road. Hundreds of trees snapped on northbound VA-613 Brock Road in the vicinity of VA-624 Piney Branch Road. Numerous trees blew down near the intersection of VA-613 Brock Road and VA-627 Gordon Road.				
ARLINGTON COUNTY --- 1.3 WSW SOUTH WASHINGTON [38.86, -77.07]				
	07/29/23 16:07 EST		0	Thunderstorm Wind (MG 50 kt)
	07/29/23 16:07 EST		0	Source: Mesonet
A wind gust of 50 knots (58 MPH) was measured by a mesonet at Hoffman-Boston Elementary School (ARLNN).				
PRINCE WILLIAM COUNTY --- 0.6 NNE BRENTSVILLE [38.69, -77.50]				
	07/29/23 16:07 EST		2K	Thunderstorm Wind (EG 52 kt)
	07/29/23 16:07 EST		0	Source: Department of Highways
Trees blew down on Izaak Walton Drive at VA-619 Bristow Road.				
FAIRFAX COUNTY --- 1.4 SSE FAIRFAX PARK [38.75, -77.24]				
	07/29/23 16:09 EST		2K	Thunderstorm Wind (EG 52 kt)
	07/29/23 16:09 EST		0	Source: Trained Spotter
Trees blew down in the 8900 block of Mountain Ash Drive.				
PRINCE WILLIAM COUNTY --- 1.0 E CANOVA [38.68, -77.41]				
	07/29/23 16:10 EST		1M	Thunderstorm Wind (EG 61 kt)
	07/29/23 16:15 EST		0	Source: Broadcast Media
Dozens of large trees, branches, and wires blew down near Independent Hill, Woodbine, Canova, and Riverview Estates, including some onto cars and houses. Numerous trees blew down on northbound VA-234 Dumfries Road in the vicinity of VA-695 Sinclair Mill Road.				
FAIRFAX COUNTY --- 0.5 SE FAIRFAX PARK [38.77, -77.24]				
	07/29/23 16:11 EST		50K	Thunderstorm Wind (EG 52 kt)
	07/29/23 16:11 EST		0	Source: Public
Trees blew down near Burke and Springfield, including one onto a house along Langport Drive. A tree blew down on Kentford Drive at Sydenstricker Road.				
FAIRFAX COUNTY --- 0.1 N WELLINGTON [38.75, -77.05]				
	07/29/23 16:15 EST		2K	Thunderstorm Wind (EG 52 kt)
	07/29/23 16:15 EST		0	Source: Broadcast Media
Trees blew down on George Washington Memorial Parkway at Morningside Lane.				
PRINCE WILLIAM COUNTY --- 1.0 WSW BETHEL [38.65, -77.34]				
	07/29/23 16:15 EST		10K	Thunderstorm Wind (EG 56 kt)
	07/29/23 16:30 EST		0	Source: Department of Highways
Numerous trees blew down on Minnieville Road in the vicinity of Dale Boulevard.				
PRINCE WILLIAM COUNTY --- 2.1 SSE MINNIEVILLE [38.60, -77.34]				
	07/29/23 16:15 EST	1	0.25M	Thunderstorm Wind (EG 52 kt)
	07/29/23 16:25 EST		0	Source: Emergency Manager
Trees blew down around Montclair, including one onto a residence in the 15000 block of Holly Hill Drive killing the resident inside.				

Direct Fatalities: M44PH

Storm Data and Unusual Weather Phenomena - July 2023

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

PRINCE WILLIAM COUNTY --- 1.1 NNE DUMFRIES [38.58, -77.32]	07/29/23 16:16 EST		2K	Thunderstorm Wind (EG 52 kt)
	07/29/23 16:16 EST		0	Source: Department of Highways

Trees blew down on southbound I-95 at mile marker 154.0.

A strong cold front intersected a very hot, humid, and unstable airmass across the Mid-Atlantic shortly after peak heating. Aided by dynamics and moderately strong shear from an approaching upper-level trough, the front spawned bands of thunderstorms that produced considerable wind damage particularly in the I-95 corridor. Some areas saw the worst thunderstorm-driven wind speeds and damage since the derecho in June 2012, though the area affected by the highest magnitude of winds was not nearly as large.

WEST VIRGINIA, East

HARDY COUNTY --- 3.2 ESE BASS [38.94, -78.94]	07/01/23 15:08 EST		3K	Thunderstorm Wind (EG 52 kt)
	07/01/23 15:08 EST		0	Source: Department of Highways

Multiple trees blew down on CR-12 Howards Lick Road.

HARDY COUNTY --- 1.7 ENE LOST RIVER [38.96, -78.77]	07/01/23 15:25 EST		2K	Thunderstorm Wind (EG 52 kt)
	07/01/23 15:25 EST		0	Source: 911 Call Center

A couple of trees blew down on CR-16 Mill Gap Road east of Lost River.

HAMPSHIRE COUNTY --- 2.2 S DELRAY [39.19, -78.60]	07/01/23 15:44 EST		1K	Thunderstorm Wind (EG 52 kt)
	07/01/23 15:44 EST		0	Source: 911 Call Center

Tree damage was reported in Delray, including a tree that blew down on WV-29 Delray Road near CR-7/1 North Texas Road.

A pressure trough ignited a few thunderstorms that produced spotty wind damage during the late afternoon hours.

PENDLETON COUNTY --- 2.9 ENE FRANKLIN [38.67, -79.28]	07/14/23 12:07 EST		0	Hail (1.00 in)
	07/14/23 12:07 EST		0	Source: 911 Call Center

Hail up to quarter size was reported at the state police office.

JEFFERSON COUNTY --- 0.5 W CHARLES TOWN [39.30, -77.86]	07/14/23 15:23 EST		5K	Thunderstorm Wind (EG 52 kt)
	07/14/23 15:23 EST		0	Source: Trained Spotter

Multiple trees and power lines blew down in Ranson.

JEFFERSON COUNTY --- 2.8 N RIPPON [39.26, -77.90]	07/14/23 15:25 EST		10K	Thunderstorm Wind (EG 56 kt)
	07/14/23 15:25 EST		0	Source: Trained Spotter

Numerous trees blew down along the railroad tracks south of Charles Town.

JEFFERSON COUNTY --- 0.9 SW CHARLES TOWN [39.29, -77.86]	07/14/23 15:28 EST		3K	Thunderstorm Wind (EG 52 kt)
	07/14/23 15:28 EST		0	Source: Trained Spotter

Washington Street near Charles Town Casino was closed due to multiple trees down.

A cold front slowed as it approached the Appalachian Mountains, intersecting a hot, humid, and unstable airmass. This resulted in scattered to numerous showers and thunderstorms, several of which became severe producing widely scattered instances of wind damage and isolated large hail. A couple of localized considerable instances of wind damage were noted near Washington, DC, and its

Storm Data and Unusual Weather Phenomena - July 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
western suburbs.				
<hr/>				
MINERAL COUNTY --- 0.0 NNW FT ASHBY [39.50, -78.77]	07/15/23 19:03 EST		3K	Thunderstorm Wind (EG 52 kt)
	07/15/23 19:03 EST		0	Source: 911 Call Center
Multiple trees blew down in the northern part of Mineral County near Fort Ashby toward the Potomac River.				
The remnants of a frontal boundary from the previous day ignited additional widely scattered thunderstorms during the early evening hours. Most of the wind damage was localized over southern Maryland, where spotty large hail was also reported.				
<hr/>				
MINERAL COUNTY --- 2.0 ESE SHORT GAP [39.54, -78.79], 1.4 ENE FT ASHBY [39.51, -78.75], 3.5 SE PATTERSON CREEK [39.53, -78.68], 1.2 W PATTERSON CREEK [39.57, -78.75]	07/15/23 20:51 EST		0	Flood (due to Heavy Rain)
	07/15/23 23:00 EST		0	Source: 911 Call Center
Patterson Creek Village Pike closed due to high water near Plum Run Road.				
A slow moving frontal boundary interacted with a seasonably moist airmass resulting in multiple rounds of showers and thunderstorms that resulted in one to three inches of rain.				
<hr/>				
HARDY COUNTY --- 1.4 E TAYLOR [39.05, -78.95]	07/16/23 16:48 EST		2K	Thunderstorm Wind (EG 52 kt)
	07/16/23 16:48 EST		0	Source: 911 Call Center
A couple of trees blew down in the 1200 block of WV-7 South Fork Road.				
An isolated thunderstorm produced localized wind damage over Hardy County, West Virginia, during the late afternoon hours.				
<hr/>				
MINERAL COUNTY --- 0.7 SW NEW CREEK [39.36, -79.04]	07/21/23 00:25 EST		5K	Thunderstorm Wind (EG 52 kt)
	07/21/23 00:25 EST		0	Source: Department of Highways
Several trees blew down in the Keyser and New Creek area, including on US-50 Northwestern Turnpike between WV-93 Laurel Dale Road and US-220 Cut Off Road, and on CR-16 Headsville Road.				
<hr/>				
HAMPSHIRE COUNTY --- 0.2 WSW WAPOCOMO [39.40, -78.73]	07/21/23 00:40 EST		2K	Thunderstorm Wind (EG 52 kt)
	07/21/23 00:40 EST		0	Source: 911 Call Center
Trees blew down along WV-28 Cumberland Road in the 4000 block.				
<hr/>				
HAMPSHIRE COUNTY --- 0.5 S YELLOW SPG [39.17, -78.52]	07/21/23 00:49 EST		3K	Thunderstorm Wind (EG 52 kt)
	07/21/23 00:49 EST		0	Source: 911 Call Center
Trees blew down on WV-259 Carpers Pike near Turnbuckle Drive, and in the 2000 block of CR-50/25 Dillons Run Road.				
A line of thunderstorms (Mesoscale Convective Complex, MCS) that developed over the Midwest moved across northern Maryland and eastern West Virginia producing localized wind damage overnight. The event was noteworthy due to its timing.				
<hr/>				
JEFFERSON COUNTY --- 0.5 W MT PLEASANT [39.25, -77.96]	07/24/23 13:57 EST		6K	Thunderstorm Wind (EG 52 kt)
	07/24/23 13:57 EST		0	Source: 911 Call Center
Six trees were reported down in south-central Jefferson County.				
<hr/>				
BERKELEY COUNTY --- 0.7 WNW MARTINSBURG [39.45, -77.98]	07/24/23 19:18 EST		1K	Thunderstorm Wind (EG 52 kt)
	07/24/23 19:18 EST		0	Source: 911 Call Center
Tree damage was reported near Martinsburg, including a tree that blew down in the 1100 block of Circle Drive.				
<hr/>				
BERKELEY COUNTY --- 2.0 SW BERKELEY [39.48, -77.95]				

Storm Data and Unusual Weather Phenomena - July 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/24/23 19:18 EST		20K	Thunderstorm Wind (EG 52 kt)
	07/24/23 19:18 EST		0	Source: 911 Call Center

Trees blew down onto power lines bringing down a power pole in the 400 block of CR-45/5 Eagle School Road.

A couple of thunderstorms produced localized wind damage over the eastern West Virginia panhandle.

JEFFERSON COUNTY --- 1.5 N DUFFIELDS [39.39, -77.83]				
	07/27/23 14:40 EST		0	Hail (1.00 in)
	07/27/23 14:40 EST		0	Source: Social Media

Quarter size hail was reported near Shenandoah Junction and Shepherdstown.

JEFFERSON COUNTY --- 2.3 N DUFFIELDS [39.40, -77.82]				
	07/27/23 14:40 EST		2K	Thunderstorm Wind (EG 52 kt)
	07/27/23 14:40 EST		0	Source: Social Media

Tree damage was reported near Shepherdstown, including a large tree that blew down on private property along CR-16/1 Gardners Lane.

A weak trough spawned several severe thunderstorms over the far eastern West Virginia panhandle, extreme northern Virginia, and north-central Maryland.

(WV-Z053) JEFFERSON				
	07/28/23 12:00 EST		0	Excessive Heat
	07/28/23 16:00 EST		0	

The combination of a strong upper-level high pressure over the central United States and moist southwest winds resulted in hot and humid conditions across the Mid-Atlantic that produced excessive heat conditions.

BERKELEY COUNTY --- 1.3 ESE INWOOD [39.34, -78.03]				
	07/28/23 16:08 EST		0	Hail (1.25 in)
	07/28/23 16:08 EST		0	Source: Social Media

Half dollar size hail was reported in Inwood.

BERKELEY COUNTY --- 0.5 W TARICO HGTS [39.33, -78.01]				
	07/28/23 16:15 EST		30K	Thunderstorm Wind (EG 61 kt)
	07/28/23 16:15 EST		0	Source: 911 Call Center

Numerous trees blew down along the southwestern border of Berkeley and Jefferson Counties.

BERKELEY COUNTY --- 0.3 E DARKESVILLE [39.37, -78.02]				
	07/28/23 16:22 EST		2K	Thunderstorm Wind (EG 52 kt)
	07/28/23 16:22 EST		0	Source: Trained Spotter

Large tree limbs blew down blocking the roadway near the intersection of CR-11/8 Hatchery Road and US-11 Winchester Avenue.

BERKELEY COUNTY --- 0.5 NNW INWOOD [39.36, -78.05]				
	07/28/23 16:25 EST		3K	Thunderstorm Wind (EG 52 kt)
	07/28/23 16:25 EST		0	Source: 911 Call Center

Tree damage was reported in Inwood, including in the 1900 block of CR-51/5 Henshaw Road.

JEFFERSON COUNTY --- 0.8 NNW UVILLA [39.38, -77.80]				
	07/28/23 16:32 EST		2K	Thunderstorm Wind (EG 52 kt)
	07/28/23 16:32 EST		0	Source: Department of Highways

Trees blew down along WV-230 Shepherdstown Pike in the 5300 block.

PENDLETON COUNTY --- 0.9 S BRANDYWINE [38.61, -79.25]				
	07/28/23 17:10 EST		5K	Thunderstorm Wind (EG 52 kt)
	07/28/23 17:10 EST		0	Source: 911 Call Center

Storm Data and Unusual Weather Phenomena - July 2023

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

Several trees and wires blew down near Brandywine, including along CR-21/2 Fultz Gap Road.

A subtle remnant disturbance from prior day's convection over the Midwest amplified a pre-existing lee pressure trough, igniting numerous thunderstorms. Given the excessive hot, humid, and unstable environment, these thunderstorms were able to organize into clusters and lines despite a lack of stronger wind shear.