

Storm Data and Unusual Weather Phenomena - September 2023

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

PATUXENT RIVER TO BROOMES ISLAND MD COUNTY --- 1.5 W PATUXENT RIVER BUOY (44044) [38.39, -76.56]

09/07/23 18:15 EST		0	Marine Hail (0.75 in)
09/07/23 18:15 EST		0	Source: Social Media

Hail of up to penny size was observed near the shore of the tidal Patuxent River in the Hollywood/Sotterley area.

PATUXENT RIVER TO BROOMES ISLAND MD COUNTY --- 2.3 ESE PATUXENT RIVER BUOY (44044) [38.38, -76.49]

09/07/23 18:29 EST		0	Marine Thunderstorm Wind (MG 34 kt)
09/07/23 18:29 EST		0	Source: Mesonet

A wind gust of 34 knots (39 MPH) was measured by a personal weather station at Tuck at Mears Creek (KMDLUSBY59) adjacent to the tidal Patuxent River.

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

09/07/23 18:30 EST		0	Marine Thunderstorm Wind (MG 35 kt)
09/07/23 18:42 EST		0	Source: Buoy

Wind gusts of up to 35 knots (40 MPH) were measured by the Gooses Reef CBIBS sensor (44062) between 7:30 and 7:42 PM.

CHOPTANK RIVER TO CAMBRIDGE MD AND THE LITTLE CHOPTANK RIVER COUNTY --- 5.6 WSW CHOPTANK RIVER (CHOP) [38.62, -76.26]

09/07/23 18:54 EST		0	Marine Thunderstorm Wind (MG 48 kt)
09/07/23 19:04 EST		0	Source: Mesonet

Wind gusts of up to 48 knots (55 MPH) were measured by a personal weather station at Neck District (KMDCAMBR16) adjacent to the tidal Choptank River.

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

09/07/23 18:58 EST		0	Marine Thunderstorm Wind (EG 35 kt)
09/07/23 19:13 EST		0	Source: Buoy

Wind gusts of up to 35 knots (40 MPH) were measured by the Blackwalnut Harbor WeatherFlow sensor (XBWH).

CHOPTANK RIVER TO CAMBRIDGE MD AND THE LITTLE CHOPTANK RIVER COUNTY --- 6.2 WSW CHOPTANK RIVER (CHOP) [38.60, -76.26]

09/07/23 19:00 EST		0	Marine Thunderstorm Wind (MG 34 kt)
09/07/23 19:10 EST		0	Source: Mesonet

Wind gusts of up to 34 knots (39 MPH) were measured by a Tempest station on Kim Drive adjacent to the tidal Choptank River.

CHOPTANK RIVER TO CAMBRIDGE MD AND THE LITTLE CHOPTANK RIVER COUNTY --- 6.2 WSW CHOPTANK RIVER (CHOP) [38.60, -76.27]

09/07/23 19:05 EST		0	Marine Thunderstorm Wind (EG 34 kt)
09/07/23 19:05 EST		0	Source: Mesonet

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

EASTERN BAY COUNTY --- 11.9 S US-50 (MD040) [38.80, -76.21]

09/07/23 19:24 EST		0	Marine Thunderstorm Wind (EG 34 kt)
09/07/23 19:34 EST		0	Source: Mesonet

Wind gusts of up to 34 knots (39 MPH) were measured by personal weather stations along the Miles River adjacent to Eastern Bay.

CHESAPEAKE BAY DRUM PT TO SMITH PT VA COUNTY --- POINT LOOKOUT (PTL) [38.04, -76.32]

09/07/23 20:30 EST		0	Marine Thunderstorm Wind (MG 39 kt)
09/07/23 20:50 EST		0	Source: Buoy

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

TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- POTOMAC POINT LOOKOUT BUOY (44042) [38.03, -76.34]

09/07/23 20:36 EST		0	Marine Thunderstorm Wind (EG 34 kt)
09/07/23 20:42 EST		0	Source: Buoy

A thunderstorm produced estimated wind gusts to 34 knots (39 MPH) near the Lower Potomac/Point Lookout CBIBS sensor (44042).

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
CHESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY --- 13.2 SE MID BAY BUOY [38.32, -76.23]				
	09/07/23 20:59 EST		0	Marine Thunderstorm Wind (MG 43 kt)
	09/07/23 21:14 EST		0	Source: Mesonet
Wind gusts of up to 43 knots (50 MPH) were measured by a personal weather station at Tom Point (KMDFISHI2).				
CHESAPEAKE BAY DRUM PT TO SMITH PT VA COUNTY --- LOWER HOOPER ISLAND (HPR) [38.26, -76.18]				
	09/07/23 21:01 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	09/07/23 21:01 EST		0	Source: Buoy
A thunderstorm produced an estimated wind gust to 34 knots (39 MPH) near the Lower Hooper Island WeatherFlow sensor (XHPR).				
TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY --- BISHOPS HEAD (BISM2) [38.22, -76.04]				
	09/07/23 21:06 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	09/07/23 21:06 EST		0	Source: Buoy
A thunderstorm produced an estimated wind gust to 34 knots (39 MPH) near the Bishops Head Pier NOS sensor (BISM2).				
Numerous showers and thunderstorms developed along a lee pressure trough after several days of late season heat. Several of these storms produced strong winds and hail over the tidal Potomac River and Chesapeake Bay.				
CHESAPEAKE BAY N OF POOLES IS MD COUNTY --- 1.3 NE HAVRE DE GRACE (HAVDG) [39.56, -76.09]				
	09/08/23 20:24 EST		0	Marine Thunderstorm Wind (MG 35 kt)
	09/08/23 20:24 EST		0	Source: Mesonet
A wind gust of 35 knots (40 MPH) was measured by a mesonet on the westbound span of the US-40 Hatem Bridge (MD067).				
PATAPSCO RIVER INCLUDING BALTIMORE HARBOR COUNTY --- 0.2 SSE BALTIMORE KEY BRIDGE (FSKM2) [39.22, -76.53]				
	09/08/23 22:13 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	09/08/23 22:13 EST		0	Source: Mesonet
A thunderstorm produced an estimated wind gust to 34 knots (39 MPH) near a mesonet on the I-695 Francis Scott Key Bridge (MD120).				
CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- 1.0 ESE SANDY POINT SOUTH (NRSPS) [38.99, -76.37]				
	09/08/23 22:14 EST		0	Marine Thunderstorm Wind (MG 36 kt)
	09/08/23 22:14 EST		0	Source: Mesonet
Wind gusts of up to 36 knots (42 MPH) were measured by a mesonet on the westbound span of the US-50/US-301 Chesapeake Bay Bridge (MD065).				
CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- TOLLY POINT (TOL) [38.94, -76.44]				
	09/08/23 22:54 EST		0	Marine Thunderstorm Wind (MG 42 kt)
	09/08/23 22:59 EST		0	Source: Buoy
Wind gusts of up to 42 knots (48 MPH) were measured by the Tolly Point WeatherFlow sensor (XTOL).				
CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- 1.4 ESE SANDY POINT SOUTH (NRSPS) [38.99, -76.37]				
	09/08/23 23:04 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	09/08/23 23:04 EST		0	Source: Mesonet
A thunderstorm produced an estimated wind gust to 34 knots (39 MPH) near a mesonet on the eastbound span of the US-50/US-301 Chesapeake Bay Bridge (MD066).				
An approaching cold front ignited scattered to numerous showers and strong to severe thunderstorms as it intersected an unseasonably hot and humid airmass. Several storms produced strong winds over area waterways.				
TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY --- CRISFIELD CG (CRS) [37.97, -75.88]				
	09/09/23 05:59 EST		0	Marine Thunderstorm Wind (MG 34 kt)
	09/09/23 06:14 EST		0	Source: Buoy
Wind gusts of up to 34 knots (39 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]				

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	09/09/23 06:30 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	09/09/23 06:30 EST		0	Source: Buoy

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

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

09/09/23 13:37 EST	0	Marine Thunderstorm Wind (MG 35 kt)
09/09/23 13:37 EST	0	Source: ASOS

A wind gust of 35 knots (40 MPH) was measured by the ASOS at Ronald Reagan Washington National Airport (KDCA) adjacent to the tidal Potomac River.

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

09/09/23 13:45 EST	0	Marine Thunderstorm Wind (MG 35 kt)
09/09/23 13:45 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 --- TOWER 70 (T70) [38.33, -77.02]

09/09/23 13:47 EST	0	Marine Thunderstorm Wind (MG 34 kt)
09/09/23 13:52 EST	0	Source: Buoy

Wind gusts of up to 34 knots (39 MPH) were measured by the Tower 70 WeatherFlow sensor (XT70).

TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- 0.3 SW GEORGE WASHINGTON UNIVERSITY (GWUNI) [38.90, -77.04]

09/09/23 13:50 EST	0	Marine Thunderstorm Wind (MG 36 kt)
09/09/23 13:50 EST	0	Source: Mesonet

A wind gust of 36 knots (42 MPH) was measured by a mesonet at the George Washington University Foggy Bottom campus (1852W) adjacent to the tidal Potomac River.

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

09/09/23 14:29 EST	0	Marine Thunderstorm Wind (MG 41 kt)
09/09/23 14:29 EST	0	Source: Buoy

A wind gust of 41 knots (47 MPH) was measured by the Cobb Point WeatherFlow sensor (XCOB).

TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- LEWISSETTA MD (LWTV2) [38.00, -76.47]

09/09/23 14:48 EST	0	Marine Thunderstorm Wind (MG 36 kt)
09/09/23 14:48 EST	0	Source: Buoy

A wind gust of 36 knots (42 MPH) was measured by one of the Lewisetta NOS sensors (LWTV2).

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

09/09/23 14:56 EST	0	Marine Thunderstorm Wind (EG 35 kt)
09/09/23 14:56 EST	0	Source: Buoy

A wind gust of 35 knots (40 MPH) was measured by the Pylons Dahlgren WeatherFlow sensor (XPYL).

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

09/09/23 15:06 EST	0	Marine Thunderstorm Wind (MG 43 kt)
09/09/23 15:12 EST	0	Source: Buoy

Wind gusts of up to 43 knots (50 MPH) were measured by the Piney Point NOS sensor (PPTM2).

TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- ST INIGOES (KNUI) [38.13, -76.42]

09/09/23 15:06 EST	0	Marine Thunderstorm Wind (EG 34 kt)
09/09/23 15:06 EST	0	Source: ASOS

A thunderstorm produced an estimated wind gust to 34 knots (39 MPH) near the ASOS at Saint Inigoes/Webster Field (KNUI) adjacent to the tidal Potomac River.

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

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	09/09/23 15:07 EST		0	Marine Thunderstorm Wind (MG 38 kt)
	09/09/23 15:17 EST		0	Source: Buoy

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

TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- QUANTICO (KNYG) [38.51, -77.30]				
Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	09/09/23 15:14 EST		0	Marine Thunderstorm Wind (MG 34 kt)
	09/09/23 15:14 EST		0	Source: AWOS

A wind gust of 34 knots (39 MPH) was measured by the AWOS at Quantico Marine Base (KNYG) adjacent to the tidal Potomac River.

CHESAPEAKE BAY DRUM PT TO SMITH PT VA COUNTY --- PATUXENT RIVER ASOS (KNHK) [38.29, -76.41]				
Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	09/09/23 15:18 EST		0	Marine Thunderstorm Wind (MG 34 kt)
	09/09/23 15:18 EST		0	Source: ASOS

A wind gust of 34 knots (39 MPH) was measured by the ASOS at Patuxent River Naval Air Station (KNHK) adjacent to the Chesapeake Bay and tidal Patuxent River.

TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- COBB POINT (COB) [38.24, -76.83]				
Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	09/09/23 15:20 EST		0	Marine Thunderstorm Wind (MG 41 kt)
	09/09/23 15:20 EST		0	Source: Buoy

A wind gust of 41 knots (47 MPH) was measured by the Cobb Point WeatherFlow sensor (XCOB).

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
	09/09/23 15:20 EST		0	Marine Thunderstorm Wind (MG 37 kt)
	09/09/23 15:40 EST		0	Source: Buoy

Wind gusts of up to 37 knots (43 MPH) were measured by the Cuckold Creek WeatherFlow sensor (XCCK).

PATUXENT RIVER TO BROOMES ISLAND MD COUNTY --- SOLOMONS ISLAND (SLIM2) [38.32, -76.45]				
Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	09/09/23 15:24 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	09/09/23 15:30 EST		0	Source: Buoy

A thunderstorm produced estimated wind gusts to 34 knots (39 MPH) near one of the Solomons Island NOS sensors (SLIM2).

TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- PYLONS DAHLGREN (PYL) [38.31, -77.00]				
Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	09/09/23 15:26 EST		0	Marine Thunderstorm Wind (MG 36 kt)
	09/09/23 15:41 EST		0	Source: Buoy

Wind gusts of up to 36 knots (41 MPH) were measured by the Pylons Dahlgren WeatherFlow sensor (XPYL).

CHESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY --- 13.2 SE MID BAY BUOY [38.32, -76.23]				
Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	09/09/23 15:29 EST		0	Marine Thunderstorm Wind (MG 48 kt)
	09/09/23 15:29 EST		0	Source: Mesonet

A wind gust of 48 knots (55 MPH) was measured by a personal weather station at Tom Point (KMDFISH12).

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
	09/09/23 15:36 EST		0	Marine Thunderstorm Wind (MG 35 kt)
	09/09/23 15:36 EST		0	Source: Buoy

A wind gust of 35 knots (40 MPH) was measured by the Cove Point NOS sensor (COVM2).

TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- OCCOQUAN RIVER (OCC) [38.64, -77.22]				
Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	09/09/23 15:50 EST		0	Marine Thunderstorm Wind (MG 41 kt)
	09/09/23 15:50 EST		0	Source: Buoy

A wind gust of 41 knots (47 MPH) was measured by the Occoquan River WeatherFlow sensor (XOCC).

CHOPTANK RIVER TO CAMBRIDGE MD AND THE LITTLE CHOPTANK RIVER COUNTY --- 6.2 WSW CHOPTANK RIVER (CHOP) [38.60, -76.26]				
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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	09/09/23 16:05 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	09/09/23 16:10 EST		0	Source: Mesonet

A thunderstorm produced estimated wind gusts to 34 knots (39 MPH) near a Tempest station on Kim Drive adjacent to the tidal Choptank River.

CHOPTANK RIVER TO CAMBRIDGE MD AND THE LITTLE CHOPTANK RIVER COUNTY --- 6.2 WSW CHOPTANK RIVER (CHOP) [38.60, -76.27]				
	09/09/23 16:10 EST		0	Marine Thunderstorm Wind (MG 51 kt)
	09/09/23 16:15 EST		0	Source: Mesonet

Wind gusts of up to 51 knots (59 MPH) were measured by a Tempest station on Cook Point Road adjacent to the tidal Choptank River.

CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- 5.5 S KENT POINT MD (KPTM2) [38.76, -76.38]				
	09/09/23 16:19 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	09/09/23 16:19 EST		0	Source: Mesonet

A thunderstorm produced an estimated wind gust to 34 knots (39 MPH) near a personal weather station at Tilghman Island (KMDMARYL25).

TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- 0.7 N WASHINGTON DC (WASD2) [38.88, -77.02]				
	09/09/23 16:29 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	09/09/23 16:29 EST		0	Source: Mesonet

A thunderstorm produced an estimated wind gust to 34 knots (39 MPH) near a personal weather station at Water Bear Houseboat at The Wharf (KDCWASHI502).

CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- THOMAS POINT (TPLM2) [38.90, -76.44]				
	09/09/23 16:32 EST		0	Marine Thunderstorm Wind (MG 37 kt)
	09/09/23 16:32 EST		0	Source: Buoy

A wind gust of 37 knots (43 MPH) was measured by the Thomas Point NOS sensor (TPLM2).

CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- KENT ISLAND (KNT) [38.92, -76.36]				
	09/09/23 16:39 EST		0	Marine Thunderstorm Wind (MG 34 kt)
	09/09/23 16:39 EST		0	Source: Buoy

A wind gust of 34 knots (39 MPH) was measured by the Kent Island WeatherFlow sensor (XKNT).

CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- 1.0 ESE SANDY POINT SOUTH (NRSPTS) [38.99, -76.37]				
	09/09/23 16:44 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	09/09/23 16:44 EST		0	Source: Mesonet

A thunderstorm produced an estimated wind gust to 34 knots (39 MPH) near a mesonet on the westbound span of the US-50/US-301 Chesapeake Bay Bridge (MD065).

CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- 1.4 ESE SANDY POINT SOUTH (NRSPTS) [38.99, -76.37]				
	09/09/23 16:44 EST		0	Marine Thunderstorm Wind (MG 35 kt)
	09/09/23 16:49 EST		0	Source: Mesonet

Wind gusts of up to 35 knots (40 MPH) were measured by a mesonet on the eastbound span of the US-50/US-301 Chesapeake Bay Bridge (MD066).

CHESAPEAKE BAY N OF POOLES IS MD COUNTY --- 3.8 E NORTH BAY NORTH EAST MD (NRTBY) [39.49, -75.92]				
	09/09/23 17:54 EST		0	Marine Thunderstorm Wind (MG 39 kt)
	09/09/23 18:09 EST		0	Source: Mesonet

Wind gusts of up to 39 knots (45 MPH) were measured by a personal weather station in Chesapeake City (KMDCHESA71) adjacent to the Chesapeake Bay.

A cold front stalling over the Mid-Atlantic ignited several thunderstorms that produced gusty winds over area waterways.

CHESAPEAKE BAY POOLES IS TO SANDY PT MD COUNTY --- 3.9 N FORT HOWARD (FRM2) [39.26, -76.45]				
	09/12/23 22:20 EST		0	Marine Thunderstorm Wind (MG 35 kt)
	09/12/23 22:20 EST		0	Source: Mesonet

A wind gust of 35 knots (40 MPH) was measured by a Tempest station on Todd Point Lane adjacent to the Chesapeake Bay.

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PATAPSCO RIVER INCLUDING BALTIMORE HARBOR COUNTY --- 0.5 SSE ORIOLE PARK AT CAMDEN YARDS (BLTPC) [39.27, -76.62]				
	09/12/23 22:20 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	09/12/23 22:20 EST	0		Source: Mesonet
A thunderstorm produced an estimated wind gust to 34 knots (39 MPH) near a Tempest station on Race Street adjacent to the tidal Patapsco River.				
PATAPSCO RIVER INCLUDING BALTIMORE HARBOR COUNTY --- MARYLAND SCIENCE CENTER (BLMRE) [39.28, -76.61]				
	09/12/23 22:35 EST	0		Marine Thunderstorm Wind (MG 37 kt)
	09/12/23 22:35 EST	0		Source: Mesonet
A wind gust of 37 knots (43 MPH) was measured by a mesonet at the Maryland Science Center (BLMRE) adjacent to the tidal Patapsco River.				
PATAPSCO RIVER INCLUDING BALTIMORE HARBOR COUNTY --- 1.0 SE HAMPSTEAD HILL ACADEMY (BLMHH) [39.28, -76.56]				
	09/12/23 22:45 EST	0		Marine Thunderstorm Wind (MG 40 kt)
	09/12/23 22:45 EST	0		Source: Mesonet
A wind gust of 40 knots (46 MPH) was measured by a Tempest station on South Eaton Street adjacent to the tidal Patapsco River.				
CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- THOMAS POINT (TPLM2) [38.90, -76.44]				
	09/12/23 22:47 EST	0		Marine Thunderstorm Wind (MG 37 kt)
	09/12/23 22:47 EST	0		Source: Buoy
A wind gust of 37 knots (43 MPH) was measured by the Thomas Point NOS sensor (TPLM2).				
PATAPSCO RIVER INCLUDING BALTIMORE HARBOR COUNTY --- 0.7 S BALTIMORE INNER HARBOR (KDMH) [39.27, -76.61]				
	09/12/23 22:48 EST	0		Marine Thunderstorm Wind (MG 38 kt)
	09/12/23 22:48 EST	0		Source: Mesonet
A wind gust of 38 knots (44 MPH) was measured by a personal weather station on East Randall Street (KMDBALTI365) adjacent to the tidal Patapsco River.				
PATAPSCO RIVER INCLUDING BALTIMORE HARBOR COUNTY --- 0.6 S BALTIMORE INNER HARBOR (KDMH) [39.27, -76.61]				
	09/12/23 22:50 EST	0		Marine Thunderstorm Wind (MG 40 kt)
	09/12/23 22:50 EST	0		Source: Mesonet
Wind gusts of up to 40 knots (46 MPH) were measured by a Tempest station on East Randall Street adjacent to the tidal Patapsco River.				
CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- KENT ISLAND (KNT) [38.92, -76.36]				
	09/12/23 22:54 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	09/12/23 22:54 EST	0		Source: Buoy
A thunderstorm produced an estimated wind gust to 34 knots (39 MPH) near the Kent Island WeatherFlow sensor (XKNT).				
CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- 2.0 N KENT POINT MD (KPTM2) [38.87, -76.37]				
	09/12/23 22:55 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	09/12/23 22:55 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.				
PATAPSCO RIVER INCLUDING BALTIMORE HARBOR COUNTY --- 0.5 ESE BALTIMORE FREEDOM ACADEMY (LMBMS) [39.29, -76.59]				
	09/12/23 22:55 EST	0		Marine Thunderstorm Wind (MG 34 kt)
	09/12/23 22:55 EST	0		Source: Mesonet
A wind gust of 34 knots (39 MPH) was measured by a Tempest station on South Ann Street adjacent to the tidal Patapsco River.				
CHESAPEAKE BAY POOLES IS TO SANDY PT MD COUNTY --- 3.9 N FORT HOWARD (FRM2) [39.26, -76.45]				
	09/12/23 23:00 EST	0		Marine Thunderstorm Wind (MG 40 kt)
	09/12/23 23:00 EST	0		Source: Mesonet
A wind gust of 40 knots (46 MPH) was measured by a Tempest station on Todd Point Lane adjacent to the Chesapeake Bay.				
CHESAPEAKE BAY POOLES IS TO SANDY PT MD COUNTY --- 1.1 W SENECA CREEK [39.30, -76.38]				

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	09/12/23 23:04 EST		0	Marine Thunderstorm Wind (MG 39 kt)
	09/12/23 23:09 EST		0	Source: Mesonet

Wind gusts of up to 39 knots (45 MPH) were measured by a personal weather station at Bowleys Marina House (KMDMIDDL129) adjacent to the Chesapeake Bay.

CHESAPEAKE BAY POOLES IS TO SANDY PT MD COUNTY --- 1.6 W SENECA CREEK [39.30, -76.39]				
	09/12/23 23:04 EST		0	Marine Thunderstorm Wind (MG 39 kt)
	09/12/23 23:09 EST		0	Source: Mesonet

Wind gusts of up to 39 knots (45 MPH) were measured by a personal weather station at Bowleys Quarters Fuel Dock (KMDMIDDL42) adjacent to the Chesapeake Bay.

CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- 1.4 ESE SANDY POINT SOUTH (NRSPS) [38.99, -76.37]				
	09/12/23 23:04 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	09/12/23 23:04 EST		0	Source: Mesonet

A thunderstorm produced an estimated wind gust to 34 knots (39 MPH) near a mesonet on the eastbound span of the US-50/US-301 Chesapeake Bay Bridge (MD066).

EASTERN BAY COUNTY --- 3.5 S US-50 (MD040) [38.92, -76.26]				
	09/12/23 23:05 EST		0	Marine Thunderstorm Wind (MG 45 kt)
	09/12/23 23:10 EST		0	Source: Mesonet

Wind gusts of up to 45 knots (52 MPH) were measured by a personal weather station at Marling Farms (KMDCHEST20) adjacent to Eastern Bay.

CHESAPEAKE BAY POOLES IS TO SANDY PT MD COUNTY --- PATAPSCO BUOY (44043) [39.15, -76.39]				
	09/12/23 23:06 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	09/12/23 23:06 EST		0	Source: Buoy

A thunderstorm produced an estimated wind gust to 34 knots (39 MPH) near the Patapsco CBIBS sensor (44043).

CHESAPEAKE BAY POOLES IS TO SANDY PT MD COUNTY --- HART MILLER ISLAND (HRT) [39.25, -76.37]				
	09/12/23 23:07 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	09/12/23 23:12 EST		0	Source: Buoy

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

CHESTER RIVER TO QUEENSTOWN MD COUNTY --- 1.0 ENE US-50 (MD040) [38.97, -76.23]				
	09/12/23 23:09 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	09/12/23 23:09 EST		0	Source: Mesonet

A thunderstorm produced an estimated wind gust to 34 knots (39 MPH) near a personal weather station between Kent Narrows and Grasonville (KMDGRASO34) adjacent to the tidal Chester River and Eastern Bay.

EASTERN BAY COUNTY --- 7.3 S US-50 (MD040) [38.87, -76.24]				
	09/12/23 23:10 EST		0	Marine Thunderstorm Wind (MG 38 kt)
	09/12/23 23:15 EST		0	Source: Mesonet

Wind gusts of up to 38 knots (44 MPH) were measured by a mesonet at Piney Point in Grasonville (EW5728) adjacent to Eastern Bay.

EASTERN BAY COUNTY --- 11.1 S US-50 (MD040) [38.81, -76.21]				
	09/12/23 23:15 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	09/12/23 23:15 EST		0	Source: Mesonet

A thunderstorm produced an estimated wind gust to 34 knots (39 MPH) near a Tempest station on New Post Road adjacent to Eastern Bay.

EASTERN BAY COUNTY --- 3.5 SSW US-50 (MD040) [38.92, -76.26]				
	09/12/23 23:15 EST		0	Marine Thunderstorm Wind (MG 45 kt)
	09/12/23 23:15 EST		0	Source: Mesonet

A wind gust of 45 knots (52 MPH) was measured by a mesonet at Crab Alley Bay adjacent to Eastern Bay.

Storm Data and Unusual Weather Phenomena - September 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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CHESAPEAKE BAY N OF POOLES IS MD COUNTY --- 3.5 SSW NORTH BAY BUOY (NB) [39.33, -76.14]	09/12/23 23:35 EST		0	Marine Thunderstorm Wind (MG 50 kt)
	09/12/23 23:35 EST		0	Source: Mesonet

A wind gust of 50 knots (58 MPH) was measured by a Tempest station on Indian Field Court adjacent to the Chesapeake Bay.

CHESTER RIVER TO QUEENSTOWN MD COUNTY --- 1.6 SSW ROCK HALL ES (RKHAL) [39.12, -76.25]	09/12/23 23:40 EST		0	Marine Thunderstorm Wind (MG 35 kt)
	09/12/23 23:40 EST		0	Source: Mesonet

A wind gust of 35 knots (40 MPH) was measured by a Tempest station at Huntingfield Point.

CHESAPEAKE BAY N OF POOLES IS MD COUNTY --- GROVE POINT (GVP) [39.40, -76.04]	09/12/23 23:44 EST		0	Marine Thunderstorm Wind (MG 35 kt)
	09/12/23 23:44 EST		0	Source: Buoy

A wind gust of 35 knots (40 MPH) was measured by the Grove Point Front Range Light WeatherFlow sensor (XGVP).

A cold front produced a few thunderstorms resulting in gusty winds over area waterways, especially over the northern Chesapeake Bay.

DISTRICT OF COLUMBIA

DISTRICT OF COLUMBIA COUNTY --- 1.6 ENE BENNING [38.89, -76.92]	09/09/23 13:45 EST		12K	Thunderstorm Wind (EG 52 kt)
	09/09/23 13:45 EST		0	Source: Emergency Manager

About a dozen trees were blown down in the eastern area of Washington DC , including on 11th Street Southeast at Alabama Avenue Southeast , in the 4200 block of Brooke Street Northeast, in the 2700 block of Fort Baker Drive Southeast, in the 1600 block of 23rd Street Southeast, in the 900 block of 48th Place Northeast, near the intersection of Independence Avenue Southeast and 9th Street Southeast, in the 5300 block of Clay Terrace Northeast, in the 4800 block of Eads Street Northeast, in the 3300 block of Blaine Street Northeast, near the intersection of Fendall Street Northeast and U Street Northeast, in the 100 block of 35th Street Southeast, and in the 600 block of Southern Avenue Southeast.

A cold front stalling over the Mid-Atlantic ignited several severe thunderstorms that produced mainly localized wind damage.

DISTRICT OF COLUMBIA COUNTY --- 1.4 SSW ANACOSTIA [38.85, -76.98], 1.7 SW NATIONAL ARBORETUM [38.90, -76.99], 1.4 SW NATIONAL ARBORETUM [38.90, -76.98], 0.7 SSW ANACOSTIA [38.86, -76.97]	09/09/23 14:00 EST		0	Flash Flood (due to Heavy Rain)
	09/09/23 16:00 EST		0	Source: 911 Call Center

Several roads were blocked by a few feet of standing water, including Stanton Road Southeast and Suitland Parkway, 11th Street Northeast and K Street Northeast. C Street Southeast and Kentucky Avenue Southeast were also blocked by high water .

An isolated instance of flash flooding occurred due to heavy rain associated with showers and thunderstorms.

(DC-Z001) DISTRICT OF COLUMBIA	09/24/23 01:42 EST		0	Coastal Flood
	09/24/23 04:24 EST		0	

Tropical Storm Ophelia caused moderate coastal flooding along the Potomac River on Sep 24th.

MARYLAND, Central

ALLEGANY COUNTY --- KEIFER [39.53, -78.47]	09/07/23 10:54 EST		0	Hail (1.00 in)
	09/07/23 10:54 EST		0	Source: Social Media

Hail of up to quarter size was reported near Paw Paw.

Storm Data and Unusual Weather Phenomena - September 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
WASHINGTON COUNTY --- 0.8 SW LINCOLN AVENUE [39.61, -77.78]				
	09/07/23 12:45 EST		6K	Thunderstorm Wind (EG 56 kt)
	09/07/23 12:45 EST		0	Source: Department of Highways
Trees blew down on eastbound I-70 Dwight D. Eisenhower Highway near US- 11 Virginia Avenue. Trees blew down on northbound I-81 near I-70 Dwight D. Eisenhower Highway.				
WASHINGTON COUNTY --- 1.7 WSW HUYETT [39.64, -77.83]				
	09/07/23 12:45 EST		25K	Thunderstorm Wind (EG 61 kt)
	09/07/23 12:45 EST		0	Source: 911 Call Center
There were over a dozen calls for trees and wires blown down over central Washington County.				
WASHINGTON COUNTY --- 2.1 W DOWNSVILLE [39.55, -77.84]				
	09/07/23 12:45 EST		0	Hail (1.00 in)
	09/07/23 12:45 EST		0	Source: Trained Spotter
Wind-driven quarter size hail and measured wind gusts of over 65 knots (75 MPH) were reported by a spotter on Falling Waters Road in Williamsport. The wind and hail tore off siding and shingles, and caused damage to vehicles and air conditioners on the property. Numerous trees and several poles blew down in the area, as well.				
WASHINGTON COUNTY --- 2.1 W DOWNSVILLE [39.55, -77.84]				
	09/07/23 12:45 EST		0.10M	Thunderstorm Wind (MG 65 kt)
	09/07/23 12:45 EST		0	Source: Trained Spotter
Wind-driven quarter size hail and measured wind gusts of over 65 knots (75 MPH) were reported by a spotter on Falling Waters Road in Williamsport. The wind and hail tore off siding and shingles, and caused damage to vehicles and air conditioners on the property. Numerous trees and several poles blew down in the area, as well.				
FREDERICK COUNTY --- 0.8 NNW ROSEMONT [39.34, -77.64]				
	09/07/23 13:28 EST		3K	Thunderstorm Wind (EG 52 kt)
	09/07/23 13:28 EST		0	Source: 911 Call Center
Trees blew down in southwestern Frederick County near Rosemont, Brunswick, and Knoxville.				
MONTGOMERY COUNTY --- 1.5 NNW DAWSONVILLE [39.15, -77.36]				
	09/07/23 13:34 EST		3K	Thunderstorm Wind (EG 52 kt)
	09/07/23 13:34 EST		0	Source: Broadcast Media
Trees and wires blew down near the intersection of MD-28 Darnestown Road and MD-117 Bucklodge Road.				
HOWARD COUNTY --- 1.9 NW LONG CORNER [39.35, -77.17]				
	09/07/23 13:35 EST		3K	Thunderstorm Wind (EG 52 kt)
	09/07/23 13:35 EST		0	Source: Department of Highways
Trees and wires blew down on MD-27 Ridge Road at Penn Shop Road.				
FREDERICK COUNTY --- 1.1 SSE ADAMSTOWN [39.31, -77.47]				
	09/07/23 13:40 EST		0	Hail (1.50 in)
	09/07/23 13:40 EST		0	Source: Social Media
Hail of up to ping pong ball size was reported in Adamstown.				
MONTGOMERY COUNTY --- 0.5 NW CLARKSBURG [39.23, -77.29]				
	09/07/23 13:40 EST		2K	Thunderstorm Wind (EG 52 kt)
	09/07/23 13:40 EST		0	Source: Broadcast Media
Trees blew down on southbound I-270 Dwight D. Eisenhower Highway before Exit 18/MD-121 Stringtown Road.				
FREDERICK COUNTY --- 1.2 SE ADAMSTOWN [39.31, -77.46]				

Storm Data and Unusual Weather Phenomena - September 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	09/07/23 13:42 EST		0	Hail (1.00 in)
	09/07/23 13:42 EST		0	Source: NWS Employee

Quarter size hail was reported southwest of Buckeystown.

FREDERICK COUNTY --- 1.9 SE BRADDOCK HGTS [39.41, -77.47]

	09/07/23 13:45 EST		12K	Thunderstorm Wind (EG 52 kt)
	09/07/23 13:45 EST		0	Source: 911 Call Center

Trees blew down in central Frederick County, including near Frederick, Braddock Heights, Ballenger Creek, and Middletown.

FREDERICK COUNTY --- 0.4 WSW CERESVILLE [39.45, -77.38]

	09/07/23 13:59 EST		3K	Thunderstorm Wind (EG 52 kt)
	09/07/23 13:59 EST		0	Source: Trained Spotter

Multiple trees blew down on Wheyfield Drive.

FREDERICK COUNTY --- 0.3 E TROUTVILLE [39.55, -77.34]

	09/07/23 14:00 EST		5K	Thunderstorm Wind (EG 52 kt)
	09/07/23 14:00 EST		0	Source: 911 Call Center

Trees blew down in northeastern Frederick County, including near Woodsboro, Lewistown, and Keymar.

CARROLL COUNTY --- 0.4 SW WINFIELD [39.45, -77.06]

	09/07/23 14:12 EST		3K	Thunderstorm Wind (EG 52 kt)
	09/07/23 14:12 EST		0	Source: 911 Call Center

Trees blew down along Woodbine Road and White Rock Road.

CARROLL COUNTY --- 1.0 SW MANCHESTER [39.66, -76.89]

	09/07/23 14:25 EST		20K	Thunderstorm Wind (EG 52 kt)
	09/07/23 14:25 EST		0	Source: County Official

Carroll County Public Schools had delayed dismissal due to roads closed from fallen trees and wires.

CARROLL COUNTY --- 1.5 E GUNPOWDER [39.72, -76.80]

	09/07/23 14:33 EST		0	Hail (1.00 in)
	09/07/23 14:33 EST		0	Source: COOP Observer

A wind gust of 50 knots (58 MPH) and quarter size hail was measured by a COOP Observer in Millers.

CARROLL COUNTY --- 1.5 E GUNPOWDER [39.72, -76.80]

	09/07/23 14:33 EST		0	Thunderstorm Wind (EG 50 kt)
	09/07/23 14:33 EST		0	Source: COOP Observer

A wind gust of 50 knots (58 MPH) and quarter size hail was measured by a COOP Observer in Millers.

BALTIMORE CITY (C) COUNTY --- 0.8 SW ROLAND PARK [39.36, -76.66]

	09/07/23 15:15 EST		0	Hail (1.50 in)
	09/07/23 15:15 EST		0	Source: Broadcast Media

Hail of up to ping pong ball size was reported in the Mount Washington area of Baltimore City.

BALTIMORE COUNTY --- 1.0 N STONELEIGH [39.38, -76.62]

	09/07/23 15:30 EST		0	Hail (1.00 in)
	09/07/23 15:30 EST		0	Source: Trained Spotter

Quarter size hail was reported in Towson.

HARFORD COUNTY --- 2.4 SSE NORRISVILLE [39.67, -76.52]

	09/07/23 15:30 EST		3K	Thunderstorm Wind (EG 52 kt)
	09/07/23 15:30 EST		0	Source: 911 Call Center

Storm Data and Unusual Weather Phenomena - September 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Trees blew down around White Hall and Norrisville, including in the 4500 block of Amos Road.				
HARFORD COUNTY --- 0.4 SSW COOPSTOWN [39.57, -76.42]				
	09/07/23 16:15 EST		2K	Thunderstorm Wind (EG 52 kt)
	09/07/23 16:15 EST		0	Source: 911 Call Center
Trees blew down between Bynum and Bel Air, including near the intersection of High Point Road and MD-23 East-West Highway.				
MONTGOMERY COUNTY --- 0.3 SSW KENSINGTON ESTATES [39.03, -77.07]				
	09/07/23 16:30 EST		0	Hail (1.00 in)
	09/07/23 16:30 EST		0	Source: Broadcast Media
Quarter size hail was reported in Kensington.				
MONTGOMERY COUNTY --- 0.5 NNW KENSINGTON ESTATES [39.04, -77.07]				
	09/07/23 16:30 EST		3K	Thunderstorm Wind (EG 60 kt)
	09/07/23 16:30 EST		0	Source: Emergency Manager
Trees and power lines blew down in the 3800 block of Denfield Avenue.				
MONTGOMERY COUNTY --- 0.6 NNW WHEATON [39.06, -77.06]				
	09/07/23 16:34 EST		3K	Thunderstorm Wind (EG 52 kt)
	09/07/23 16:34 EST		0	Source: Emergency Manager
Trees and power lines blew down in the 2600 block of Newton Street.				
CARROLL COUNTY --- 1.2 NE MAYBERRY [39.64, -77.08]				
	09/07/23 16:47 EST		0	Hail (1.00 in)
	09/07/23 16:47 EST		0	Source: Trained Spotter
Dime to quarter size hail was observed by a spotter in the 2400 block of Cross Section Road.				
HARFORD COUNTY --- 3.9 ENE NORRISVILLE [39.72, -76.46]				
	09/07/23 18:00 EST		0	Hail (1.00 in)
	09/07/23 18:00 EST		0	Source: Public
Trees and branches blew down and nickel to quarter size hail was observed at Fawn View Farm on Onion Road in Pylesville.				
HARFORD COUNTY --- 3.9 ENE NORRISVILLE [39.72, -76.46]				
	09/07/23 18:00 EST		2K	Thunderstorm Wind (EG 52 kt)
	09/07/23 18:00 EST		0	Source: Public
Trees and branches blew down and nickel to quarter size hail was observed at Fawn View Farm on Onion Road in Pylesville.				
ST. MARY'S COUNTY --- 1.0 SE DRUMCLIFF [38.39, -76.57]				
	09/07/23 18:22 EST		0	Hail (1.00 in)
	09/07/23 18:22 EST		0	Source: Trained Spotter
Quarter size hail was observed by trained spotters in the 43500 block of Drum Cliff Road near the tidal Patuxent River.				
ANNE ARUNDEL COUNTY --- 0.8 N ROBINSON [39.08, -76.57]				
	09/08/23 03:23 EST		5K	Thunderstorm Wind (EG 60 kt)
	09/08/23 03:23 EST		0	Source: Fire Department/Rescue
Multiple trees blew down in the Severna Park area.				
Numerous showers and thunderstorms developed along a lee pressure trough after several days of late season heat. Several of these storms turned severe, producing both damaging wind gusts and large hail.				
BALTIMORE COUNTY --- 0.7 NE OREGON [39.51, -76.67]				
	09/08/23 18:29 EST		3K	Thunderstorm Wind (EG 52 kt)
	09/08/23 18:29 EST		0	Source: 911 Call Center

Storm Data and Unusual Weather Phenomena - September 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
There were multiple reports of trees blown down northwest of Cockeysville toward Butler.				
HOWARD COUNTY --- 0.8 W WEST FRIENDSHIP [39.30, -76.97]				
	09/08/23 18:33 EST		3K	Thunderstorm Wind (EG 52 kt)
	09/08/23 18:33 EST		0	Source: 911 Call Center
Multiple trees blew down on MD-144 Frederick Road and Fairgrounds Road.				
HOWARD COUNTY --- 0.6 ENE MAYFIELD [39.30, -76.92]				
	09/08/23 18:35 EST		2K	Thunderstorm Wind (EG 52 kt)
	09/08/23 18:35 EST		0	Source: Department of Highways
Trees blew down on eastbound I-70 Baltimore National Pike between mile markers 82.0 and 83.0.				
HOWARD COUNTY --- 0.2 NW WEST FRIENDSHIP [39.30, -76.95]				
	09/08/23 18:42 EST		0	Hail (1.00 in)
	09/08/23 18:42 EST		0	Source: 911 Call Center
There were multiple reports of large hail around quarter size in West Friendship.				
BALTIMORE COUNTY --- 1.4 S HARRISONVILLE [39.36, -76.83]				
	09/08/23 18:54 EST		0	Thunderstorm Wind (MG 59 kt)
	09/08/23 18:54 EST		0	Source: Mesonet
A wind gust of 59 knots (68 MPH) was measured by a personal weather station near Randallstown (KMDWOODS5).				
BALTIMORE COUNTY --- 0.6 NW HOWARDVILLE [39.39, -76.74]				
	09/08/23 18:57 EST		10K	Thunderstorm Wind (EG 56 kt)
	09/08/23 18:57 EST		0	Source: Department of Highways
Numerous trees blew down blocking MD-140 Reisterstown Road near Woodholme Avenue.				
BALTIMORE COUNTY --- 0.2 NW RANDALLSTOWN [39.37, -76.80]				
	09/08/23 19:00 EST		0.15M	Thunderstorm Wind (EG 61 kt)
	09/08/23 19:00 EST		0	Source: 911 Call Center
Dozens of trees, wires, and large branches blew down in the Randallstown, Windsor Mill, and Woodlawn area. A roof caved in on the north side of Woodlawn.				
BALTIMORE COUNTY --- 1.0 SSW ASHLAND [39.49, -76.63]				
	09/08/23 19:09 EST		0	Hail (1.00 in)
	09/08/23 19:09 EST		0	Source: Trained Spotter
Quarter size hail was reported in Cockeysville.				
HARFORD COUNTY --- 3.1 NE MADONNA [39.66, -76.49]				
	09/08/23 19:26 EST		2K	Thunderstorm Wind (EG 52 kt)
	09/08/23 19:26 EST		0	Source: 911 Call Center
Trees blew down near the intersection of Madonna Road and Mount Horeb Road.				
HARFORD COUNTY --- 1.7 NW PYLESVILLE [39.72, -76.39]				
	09/08/23 19:30 EST		3K	Thunderstorm Wind (EG 52 kt)
	09/08/23 19:30 EST		0	Source: Department of Highways
Trees and wires blew down near the intersection of MD-624 Graceton Road and MD-136 Whiteford Road.				
HARFORD COUNTY --- 0.9 E WHITEFORD [39.70, -76.33]				
	09/08/23 19:45 EST		2K	Thunderstorm Wind (EG 52 kt)
	09/08/23 19:45 EST		0	Source: 911 Call Center
Trees blew down near the intersection of Ridge Road and MD-136 Whiteford Road.				

Storm Data and Unusual Weather Phenomena - September 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
HARFORD COUNTY --- 2.9 ESE NORRISVILLE [39.68, -76.48]				
	09/08/23 19:49 EST		2K	Thunderstorm Wind (EG 52 kt)
	09/08/23 19:49 EST		0	Source: 911 Call Center
Trees blew down in the 4000 block of Mellow Road.				
CECIL COUNTY --- 0.5 E ELKTON [39.60, -75.82]				
	09/08/23 20:49 EST		10K	Thunderstorm Wind (EG 56 kt)
	09/08/23 20:49 EST		0	Source: 911 Call Center
There were several roads that had trees blown down onto them north of Elkton. There were nearly a dozen calls for trees blown down in this area.				
An approaching cold front ignited scattered to numerous showers and strong to severe thunderstorms as it intersected an unseasonably hot and humid airmass. Several storms turned severe, with a few producing considerable wind damage and hail.				
PRINCE GEORGE'S COUNTY --- 1.3 WNW SUITLAND [38.85, -76.95]				
	09/09/23 13:32 EST		5K	Thunderstorm Wind (EG 52 kt)
	09/09/23 13:32 EST		0	Source: Broadcast Media
Several trees and wires blew down near the DC/Maryland line in the Suitland-Silver Hill area.				
MONTGOMERY COUNTY --- 0.5 SW NORTHWEST PARK [39.02, -76.99]				
	09/09/23 13:46 EST		10K	Thunderstorm Wind (EG 52 kt)
	09/09/23 13:46 EST		0	Source: Emergency Manager
A few trees blew down in the Silver Spring area. A tree blew down onto a house on Hedin Drive.				
MONTGOMERY COUNTY --- 47.1 N CLAGGETTSVILLE [40.00, -77.10]				
	09/09/23 14:05 EST		3K	Thunderstorm Wind (EG 52 kt)
	09/09/23 14:05 EST		0	Source: Emergency Manager
A few trees blew down in the Bethesda area. Trees blew down onto wires on MD-355 Rockville Pike at Jones Bridge Road.				
MONTGOMERY COUNTY --- 1.2 NNE CEDAR GROVE [39.26, -77.22]				
	09/09/23 14:56 EST		2K	Thunderstorm Wind (EG 52 kt)
	09/09/23 14:56 EST		0	Source: Emergency Manager
Trees and wires blew down in Damascus, including near the intersection of MD-27 Ridge Road and Oak Drive.				
FREDERICK COUNTY --- 2.9 WSW FOUNTAIN MILLS [39.31, -77.30]				
	09/09/23 15:01 EST		10K	Thunderstorm Wind (EG 52 kt)
	09/09/23 15:01 EST		0	Source: Department of Highways
Numerous trees blew down near Green Valley and Ijamsville. Trees blew down on MD-75 Green Valley Road at Pices Distillery Road, and on MD-80 Fingerboard Road at Ed McClain Road.				
FREDERICK COUNTY --- 2.2 ENE JOHNSVILLE [39.55, -77.19]				
	09/09/23 15:15 EST		2K	Thunderstorm Wind (EG 52 kt)
	09/09/23 15:15 EST		0	Source: Department of Highways
Trees blew down near Union Bridge, including on MD-75 Green Valley Road at Repp Road.				
FREDERICK COUNTY --- 1.1 N PETERSVILLE [39.37, -77.62]				
	09/09/23 15:33 EST		5K	Thunderstorm Wind (EG 52 kt)
	09/09/23 15:33 EST		0	Source: 911 Call Center
Several trees and wires blew down near Brunswick in southwestern Frederick County.				
FREDERICK COUNTY --- 0.4 NE EMMITSBURG [39.70, -77.33]				
	09/09/23 15:44 EST		5K	Thunderstorm Wind (EG 52 kt)
	09/09/23 15:44 EST		0	Source: 911 Call Center

Storm Data and Unusual Weather Phenomena - September 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Several trees and wires blew down near Emmitsburg.				
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CHARLES COUNTY --- 0.4 NNW MARBURY [38.58, -77.15]	09/09/23 15:45 EST		2K	Thunderstorm Wind (EG 52 kt)
	09/09/23 15:45 EST		0	Source: 911 Call Center
There were calls for trees blown down in the Marbury area.				
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WASHINGTON COUNTY --- 0.8 NE CORBETT [39.64, -77.72]	09/09/23 15:45 EST		20K	Thunderstorm Wind (EG 52 kt)
	09/09/23 15:45 EST		0	Source: 911 Call Center
There were about a dozen reports of trees and wires causing traffic hazards near the Hagerstown area.				
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WASHINGTON COUNTY --- 1.4 E HANCOCK [39.70, -78.15]	09/09/23 17:20 EST		3K	Thunderstorm Wind (EG 52 kt)
	09/09/23 17:20 EST		0	Source: 911 Call Center
There were a couple reports for trees and wires blown down between Hancock and Pecktonville.				
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CECIL COUNTY --- 0.5 S ELK NECK [39.51, -75.95]	09/09/23 17:59 EST		4K	Thunderstorm Wind (EG 52 kt)
	09/09/23 17:59 EST		0	Source: 911 Call Center
Several trees blew down on Elk Neck. A tree blew down onto wires at the intersection of Old Elk Neck Road and MD-272 Turkey Point Road. A tree blew down onto wires west of Elkton at the intersection of Marley Road and US-40 West Pulaski Highway.				
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CECIL COUNTY --- 0.3 WSW CALVERT [39.70, -75.99]	09/09/23 18:13 EST		5K	Thunderstorm Wind (EG 52 kt)
	09/09/23 18:13 EST		0	Source: 911 Call Center
There were several reports of trees and wires blown down north of North East near the intersection of Calvert Road and Trinity Church Road , and Pine Cone Drive at Bailiff Road.				
A cold front stalling over the Mid-Atlantic ignited several severe thunderstorms that produced mainly localized wind damage.				
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PRINCE GEORGE'S COUNTY --- 0.2 S KENT VLG [38.92, -76.93], 0.8 SE BERWYN HGTS [38.96, -76.91], 1.0 SW GREENBELT [38.99, -76.89], 1.0 SSW GREENBELT [38.99, -76.89], 0.1 SSE LANDOVER HILLS [38.95, -76.90], 0.1 NE BLADENSBURG [38.92, -76.92]	09/09/23 13:53 EST		0	Flood (due to Heavy Rain)
	09/09/23 15:53 EST		0	Source: 911 Call Center
High water blocked multiple parts of MD-295 between US-50 and MD-193.				
An isolated instance of flooding occurred due to heavy rain associated with showers and thunderstorms.				
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MONTGOMERY COUNTY --- 2.5 E BEALLSVILLE [39.18, -77.37]	09/12/23 20:04 EST		3K	Thunderstorm Wind (EG 52 kt)
	09/12/23 20:04 EST		0	Source: Emergency Manager
Several trees blew down between Dickerson and Darnestown. A tree blew down into the roadway in the 17900 block of Moore Road. A tree blew down on MD-118 Germantown Road north of MD-28 Darnestown Road. A tree blew down on MD-28 Darnestown Road near Peach Tree Road.				
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MONTGOMERY COUNTY --- 0.4 NNE GLEN ECHO [38.98, -77.13]	09/12/23 21:33 EST		2K	Thunderstorm Wind (EG 52 kt)
	09/12/23 21:33 EST		0	Source: Department of Highways
Trees blew down on MD-190 River Road near Whittier Boulevard/Winston Drive.				
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MONTGOMERY COUNTY --- 0.2 SW BURNT MILLS HILLS [39.03, -76.97]	09/12/23 21:48 EST		3K	Thunderstorm Wind (EG 52 kt)
	09/12/23 21:48 EST		0	Source: Emergency Manager

Storm Data and Unusual Weather Phenomena - September 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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Several trees blew down near Silver Spring and Rockville. A tree blew down in the 1800 block of Edgewater Parkway. A tree blew down in the 9600 block of Lawndale Drive. A tree blew down in the 6500 block of Needwood Road.

BALTIMORE COUNTY --- 0.8 ESE WHITE MARSH [39.38, -76.42]

	09/12/23 23:00 EST		10K	Thunderstorm Wind (EG 56 kt)
	09/12/23 23:00 EST		0	Source: 911 Call Center

Several large trees, branches, and wires blew down at the intersection of Ebenezer Road and Meyers Lane.

BALTIMORE COUNTY --- 0.7 N BALTIMORE MARTIN ST [39.34, -76.42]

	09/12/23 23:08 EST		0	Thunderstorm Wind (MG 54 kt)
	09/12/23 23:08 EST		0	Source: AWOS

A wind gust of 54 knots (62 MPH) was measured by the AWOS at Martin State Airport (KMTN).

HARFORD COUNTY --- 1.2 ENE GIBSON MANOR [39.60, -76.31]

	09/12/23 23:21 EST		20K	Thunderstorm Wind (EG 52 kt)
	09/12/23 23:21 EST		0	Source: 911 Call Center

A tree blew down onto power lines bringing down a pole in the 2700 block of Forge Hill Road.

CECIL COUNTY --- 0.3 S FREDERICKTOWN [39.37, -75.88]

	09/12/23 23:58 EST		0	Thunderstorm Wind (MG 56 kt)
	09/12/23 23:58 EST		0	Source: Mesonet

A wind gust of 56 knots (65 MPH) was measured by a mesonet in Fredericktown (AP596).

A cold front produced a few severe thunderstorms generally near and east of I-95 in Maryland.

BALTIMORE CITY (C) COUNTY --- 0.6 ENE LEAHIGH [39.37, -76.69], 1.5 NW MT WASHINGTON [39.39, -76.67], 0.8 NNW MT WASHINGTON [39.39, -76.65], 0.3 E ROLAND PARK [39.37, -76.64], 1.0 S HAMPDEN [39.34, -76.63], 1.0 E WALBROOK [39.32, -76.65], 0.9 NW ARLINGTON [39.34, -76.69]

	09/12/23 22:00 EST		0	Flash Flood (due to Heavy Rain)
	09/13/23 00:30 EST		0	Source: Fire Department/Rescue

The fire department reported dozens of water rescues around the city of Baltimore along with Jones Falls flowing out of its banks.

MONTGOMERY COUNTY --- 0.9 NE BARNESVILLE [39.23, -77.37], 0.6 NE BARNESVILLE [39.23, -77.37], 0.6 NE BARNESVILLE [39.23, -77.37], 0.9 NE BARNESVILLE [39.23, -77.37]

	09/12/23 22:14 EST		0	Flash Flood (due to Heavy Rain)
	09/12/23 23:00 EST		0	Source: 911 Call Center

Old Hundred Road had water flowing over it in a couple spots.

BALTIMORE COUNTY --- 1.3 E LOCHEARN [39.35, -76.71], 1.0 W BARE HILLS [39.35, -76.70], 1.3 WSW BARE HILLS [39.34, -76.70], 1.1 E LOCHEARN [39.35, -76.71]

	09/12/23 22:42 EST		0	Flash Flood (due to Heavy Rain)
	09/13/23 00:30 EST		0	Source: 911 Call Center

Vehicles were stranded in high water along Wabash Avenue in northwest Baltimore City. Water was flowing at least wheel deep on the roads.

BALTIMORE COUNTY --- 3.1 NE HALETHORPE [39.28, -76.65], 2.9 N BALTIMORE HIGHLANDS [39.27, -76.65], 2.9 N BALTIMORE HIGHLANDS [39.27, -76.65], 2.9 ENE HALETHORPE [39.27, -76.65], 2.9 NE HALETHORPE [39.27, -76.66], 3.1 NE HALETHORPE [39.28, -76.65]

	09/12/23 22:45 EST		0	Flash Flood (due to Heavy Rain)
	09/12/23 23:26 EST		0	Source: River/Stream Gage

The water level rapidly rose above the flood stage of 13 feet along Gwynns Falls at Washington Boulevard. At 13 feet, Beach drive is flooded in several places and both the Riley Springs Trailbridge and Rapids Footbridge are completely covered by water.

MONTGOMERY COUNTY --- 0.9 SW PARKWOOD [39.01, -77.09], 0.9 SW PARKWOOD [39.01, -77.09], 0.8 SW PARKWOOD [39.01, -77.09], 0.8 SW PARKWOOD [39.01, -77.09]

	09/12/23 22:47 EST		0	Flood (due to Heavy Rain)
	09/13/23 00:00 EST		0	Source: Department of Highways

Storm Data and Unusual Weather Phenomena - September 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
The I-495 Inner Loop past exit 33 was partially closed due to high water.				
BALTIMORE COUNTY --- 0.3 WNW HALETHORPE [39.25, -76.71], 0.5 NNW HALETHORPE [39.26, -76.70], 0.4 NNE HALETHORPE [39.26, -76.70], 0.0 WNW HALETHORPE [39.25, -76.70]				
	09/12/23 22:50 EST		0	Flash Flood (due to Heavy Rain)
	09/13/23 00:30 EST		0	Source: 911 Call Center
Vehicles were stranded in high water in Arbutus due to flowing water.				
BALTIMORE COUNTY --- 1.3 ESE ECCLESTON [39.39, -76.70], 0.5 SE PIKESVILLE [39.37, -76.71], 0.7 E MILFORD [39.37, -76.74], 0.4 N HOWARDVILLE [39.39, -76.73], 0.4 SE ECCLESTON [39.40, -76.72]				
	09/12/23 22:50 EST		0	Flash Flood (due to Heavy Rain)
	09/13/23 00:30 EST		0	Source: 911 Call Center
Vehicles were stranded in flowing high water in Pikesville.				
BALTIMORE COUNTY --- 1.9 SSW STONELEIGH [39.35, -76.64], 2.0 SSW STONELEIGH [39.34, -76.64], 2.0 SSW STONELEIGH [39.34, -76.64], 2.0 SSW STONELEIGH [39.34, -76.64], 2.0 SSW STONELEIGH [39.35, -76.64]				
	09/12/23 22:51 EST		0	Flash Flood (due to Heavy Rain)
	09/13/23 00:30 EST		0	Source: 911 Call Center
Occupied vehicles were in floodwater due to heavy rainfall.				
BALTIMORE COUNTY --- 2.0 SE STONELEIGH [39.35, -76.59], 2.0 SE STONELEIGH [39.35, -76.59], 2.1 SE STONELEIGH [39.35, -76.59], 2.1 SE STONELEIGH [39.35, -76.59]				
	09/12/23 22:51 EST		0	Flash Flood (due to Heavy Rain)
	09/13/23 00:30 EST		0	Source: 911 Call Center
There were occupied vehicles stranded in floodwater at Loch Raven Boulevard.				
MONTGOMERY COUNTY --- 1.1 WNW GLEN ECHO [38.98, -77.15], 0.9 W GLEN ECHO [38.97, -77.15], 0.8 W GLEN ECHO [38.97, -77.15], 1.0 W GLEN ECHO [38.97, -77.15], 1.1 ESE EMERY CORNERS [38.98, -77.15]				
	09/12/23 22:51 EST		0	Flash Flood (due to Heavy Rain)
	09/13/23 00:30 EST		0	Source: Broadcast Media
Cabin John Parkway northbound after Clara Barton Parkway was closed due to water flowing across the road. Vehicles were stranded in high water.				
BALTIMORE COUNTY --- 1.2 SSW STONELEIGH [39.35, -76.63], 1.3 SSW STONELEIGH [39.35, -76.63], 1.3 SSW STONELEIGH [39.35, -76.63], 1.1 SSW STONELEIGH [39.35, -76.63]				
	09/12/23 22:55 EST		0.50M	Flash Flood (due to Heavy Rain)
	09/13/23 00:30 EST		0	Source: Broadcast Media
Flood waters entered businesses along Gladstone Avenue and Wyndhurst Avenue due to Stony Creek flowing out of its banks.				
BALTIMORE COUNTY --- 0.7 SW OAKLEIGH [39.39, -76.56], 0.7 SW OAKLEIGH [39.39, -76.56], 0.7 SW OAKLEIGH [39.39, -76.56], 0.6 SW OAKLEIGH [39.39, -76.56]				
	09/12/23 23:02 EST		0	Flash Flood (due to Heavy Rain)
	09/13/23 00:30 EST		0	Source: 911 Call Center
There were occupied vehicles in floodwater at the intersection of Oakleigh Road and Redwood Avenue.				
MONTGOMERY COUNTY --- 0.5 SW FAIRLAND [39.07, -76.96], 0.6 SW FAIRLAND [39.07, -76.96], 0.6 SSW FAIRLAND [39.07, -76.96], 0.5 SSW FAIRLAND [39.07, -76.95]				
	09/12/23 23:02 EST		0	Flood (due to Heavy Rain)
	09/13/23 00:30 EST		0	Source: 911 Call Center
US 29 was closed at Fairland Road due to high water.				
MONTGOMERY COUNTY --- 1.3 N TAKOMA PARK [38.99, -77.00], 1.1 NNW TAKOMA PARK [38.99, -77.00], 1.1 N TAKOMA PARK [38.99, -77.00], 1.3 N TAKOMA PARK [38.99, -77.00]				
	09/12/23 23:04 EST		0	Flash Flood (due to Heavy Rain)
	09/13/23 00:30 EST		0	Source: 911 Call Center

Storm Data and Unusual Weather Phenomena - September 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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Maple Avenue was closed between Kennebec Avenue and Sligo Creek Parkway due to water flowing across the roadway.

BALTIMORE COUNTY --- 0.6 ESE ESSEX [39.32, -76.47], 0.3 WNW ESSEX [39.32, -76.49], 0.7 SE CHESACO PARK [39.31, -76.49], 0.7 S ESSEX [39.31, -76.48]	09/12/23 23:30 EST	0	0	Flash Flood (due to Heavy Rain)
	09/13/23 00:30 EST	0	0	Source: 911 Call Center

Roads were closed due to flowing water around Essex.

BALTIMORE COUNTY --- 0.6 WSW LOCHEARN [39.35, -76.74], 0.6 WSW LOCHEARN [39.35, -76.74], 0.6 WSW LOCHEARN [39.35, -76.74], 0.6 WSW LOCHEARN [39.35, -76.74]	09/12/23 23:46 EST	0	0	Flash Flood (due to Heavy Rain)
	09/13/23 00:30 EST	0	0	Source: 911 Call Center

An occupied vehicle was stuck in flood water at Buckingham Road and Liberty Road.

MONTGOMERY COUNTY --- 1.0 S KEMP MILL [39.02, -77.02], 1.0 S KEMP MILL [39.02, -77.02], 1.0 S KEMP MILL [39.02, -77.02], 1.0 S KEMP MILL [39.02, -77.02]	09/13/23 00:07 EST	0	0	Flood (due to Heavy Rain)
	09/13/23 01:07 EST	0	0	Source: Department of Highways

The three left lanes of and the left shoulder of the I-495 Beltway Inner Loop were closed due to high standing water at exit 30A/US-29 Colesville Road.

BALTIMORE COUNTY --- 1.6 ENE LINHIGH [39.38, -76.47], 1.6 ENE LINHIGH [39.38, -76.47], 1.7 WSW WHITE MARSH [39.37, -76.46], 1.5 W WHITE MARSH [39.38, -76.46], 1.7 W WHITE MARSH [39.38, -76.46], 1.8 ENE LINHIGH [39.38, -76.47]	09/13/23 00:25 EST	0	0	Flash Flood (due to Heavy Rain)
	09/13/23 00:35 EST	0	0	Source: River/Stream Gage

The water level rapidly rose above flood stage of 11 feet along the Whitmarsh Run at White Marsh. At 11 feet, water covers the parking lots near the stream, particularly near the Town Center Court. The water fell below flood stage at 12:55 AM EST.

A slow moving cold front moved into the area during the evening of the 12th into the overnight and early morning hours of the 13th. Moisture pooling ahead of the cold front caused instability to increase in addition to added atmospheric moisture. Showers and thunderstorms developed, and some trained over the same areas resulting in instances of flooding and flash flooding. Central and northeastern Maryland were the areas hardest hit, where moisture and instability was highest.

(MD-Z014) ANNE ARUNDEL, (MD-Z017) ST. MARY'S	09/23/23 07:00 EST	0	0	Coastal Flood
	09/24/23 13:54 EST	0	0	

Tropical Storm Ophelia impacted the Mid-Atlantic region in late September 2023 causing moderate coastal flooding on the western shore of the Chesapeake Bay and along the Potomac River.

(MD-Z017) ST. MARY'S	09/27/23 11:00 EST	0	0	Coastal Flood
	09/29/23 14:00 EST	0	0	

Persistent onshore flow resulted in moderate coastal flooding at Straits Point with minor to moderate coastal flooding lasting several days.

VIRGINIA, North

SHENANDOAH COUNTY --- 0.3 SSW BASYE SKY BRYCE ARPT [38.82, -78.77]	09/06/23 18:20 EST	3K	0	Thunderstorm Wind (EG 52 kt)
	09/06/23 18:20 EST	0	0	Source: 911 Call Center

Trees blew down in the Basye area.

SHENANDOAH COUNTY --- 0.4 SE CAPON RD [39.00, -78.36]				
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Storm Data and Unusual Weather Phenomena - September 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	09/06/23 19:32 EST		3K	Thunderstorm Wind (EG 52 kt)
	09/06/23 19:32 EST		0	Source: Fire Department/Rescue
Trees and wires blew down along Horsehoe Lane.				
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SHENANDOAH COUNTY --- 1.1 SE CLARY [39.02, -78.36]				
	09/06/23 19:36 EST		3K	Thunderstorm Wind (EG 52 kt)
	09/06/23 19:36 EST		0	Source: 911 Call Center
Trees blew down on the north side of Strasburg.				
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SHENANDOAH COUNTY --- 1.3 E CAPON RD [39.00, -78.35]				
	09/06/23 19:42 EST		20K	Thunderstorm Wind (EG 52 kt)
	09/06/23 19:42 EST		0	Source: Broadcast Media
A gazebo was blown over shattering a window at the Signal Knob Recreation Center.				
A few isolated severe thunderstorms developed as a result of terrain circulations after several days of late season heat.				
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FREDERICK COUNTY --- 1.0 ESE GORE [39.26, -78.33]				
	09/07/23 11:35 EST		3K	Thunderstorm Wind (EG 52 kt)
	09/07/23 11:35 EST		0	Source: 911 Call Center
There were calls for trees blown down in Gore.				
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FREDERICK COUNTY --- 2.1 S SOUTH VIEW [39.02, -78.22]				
	09/07/23 11:59 EST		0	Thunderstorm Wind (MG 50 kt)
	09/07/23 11:59 EST		0	Source: Mesonet
A wind gust of 50 knots (58 MPH) was measured by a personal weather station on Springwood Lane (KVASTEPH74).				
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RAPPAHANNOCK COUNTY --- 0.4 NW CHESTER GAP [38.85, -78.14]				
	09/07/23 12:06 EST		3K	Thunderstorm Wind (EG 52 kt)
	09/07/23 12:06 EST		0	Source: 911 Call Center
There was a call for a few trees blown down in Chester Gap.				
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WARREN COUNTY --- 2.3 WSW LINDEN [38.89, -78.11]				
	09/07/23 12:09 EST		0	Thunderstorm Wind (MG 54 kt)
	09/07/23 12:09 EST		0	Source: Mesonet
A wind gust of 54 knots (62 MPH) was measured by a personal weather station at High Knob Tower (KVAFRONT11).				
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FREDERICK COUNTY --- 1.2 N STEPHENS CITY [39.10, -78.22]				
	09/07/23 12:10 EST		3K	Thunderstorm Wind (EG 60 kt)
	09/07/23 12:10 EST		0	Source: 911 Call Center
There were calls for trees blown down in Stephens City.				
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WARREN COUNTY --- 0.7 NNW LINDEN [38.91, -78.08]				
	09/07/23 12:15 EST		20K	Thunderstorm Wind (EG 61 kt)
	09/07/23 12:15 EST		0	Source: 911 Call Center
There were about half a dozen calls for trees blown down in the Linden area. Several trees snapped and wires blew down on VA-638 Freezeland Road.				
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FAUQUIER COUNTY --- 1.5 ENE LINDEN [38.91, -78.05]				
	09/07/23 12:19 EST		5K	Thunderstorm Wind (EG 56 kt)
	09/07/23 12:19 EST		0	Source: 911 Call Center
There were several calls for trees blown down along VA-55 John Marshall Highway between Linden and Markham.				
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FAUQUIER COUNTY --- 0.4 NNE MARKHAM [38.91, -78.00]				

Storm Data and Unusual Weather Phenomena - September 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	09/07/23 12:21 EST		2K	Thunderstorm Wind (EG 52 kt)
	09/07/23 12:21 EST		0	Source: 911 Call Center

Trees blew down along VA-55 John Marshall Highway near Markham.

LOUDOUN COUNTY --- 1.0 W WATERFORD [39.18, -77.62]				
	09/07/23 13:10 EST		5K	Thunderstorm Wind (EG 52 kt)
	09/07/23 13:10 EST		0	Source: Department of Highways

Trees blew down near Waterford, including on northbound VA-704 Hamilton Station Road near VA-9 Charles Town Pike. Trees blew down near the intersection of VA-704 Hamilton Station Road and VA-662 Clarkes Gap Road. Trees blew down near the intersection of VA-703 Hurley Lane and VA-662 Clarkes Gap Road.

LOUDOUN COUNTY --- 2.7 NW DULLES INTL ARPT [38.98, -77.49]				
	09/07/23 13:10 EST		0	Hail (1.00 in)
	09/07/23 13:10 EST		0	Source: Official NWS Observations

Quarter size hail was observed at the NWS Office in Sterling.

LOUDOUN COUNTY --- 0.6 S ASHBURN [39.04, -77.48]				
	09/07/23 13:21 EST		0	Hail (1.00 in)
	09/07/23 13:21 EST		0	Source: Social Media

There were a few reports of quarter size hail in the Ashburn area.

LOUDOUN COUNTY --- 3.0 WNW BROAD RUN FARMS [39.05, -77.42]				
	09/07/23 13:22 EST		0	Hail (1.00 in)
	09/07/23 13:22 EST		0	Source: NWS Employee

Quarter size hail was reported in Countryside.

FAUQUIER COUNTY --- 2.3 SW DELAPLANE [38.89, -77.95]				
	09/07/23 14:45 EST		2K	Thunderstorm Wind (EG 52 kt)
	09/07/23 14:45 EST		0	Source: Trained Spotter

Downed trees and wires caused a power outage near Delaplane.

FAUQUIER COUNTY --- DELAPLANE [38.92, -77.92]				
	09/07/23 14:46 EST		5K	Thunderstorm Wind (EG 52 kt)
	09/07/23 14:46 EST		0	Source: Fire Department/Rescue

Delaplane Fire Department responded to several calls for downed trees and wires.

LOUDOUN COUNTY --- 6.2 W MIDDLEBURG [38.96, -77.89]				
	09/07/23 14:58 EST		0	Hail (1.00 in)
	09/07/23 14:58 EST		0	Source: Trained Spotter

Quarter size hail was reported south of Upperville.

LOUDOUN COUNTY --- 2.2 S WAXPOOL [38.99, -77.52]				
	09/07/23 15:00 EST		0	Hail (1.00 in)
	09/07/23 15:00 EST		0	Source: Public

At least quarter size hail was reported near Brambleton.

Numerous showers and thunderstorms developed along a lee pressure trough after several days of late season heat. Several of these storms turned severe, producing both damaging wind gusts and large hail.

SHENANDOAH COUNTY --- 1.9 E ST LUKE [38.90, -78.54]				
	09/08/23 15:35 EST		0	Hail (1.00 in)
	09/08/23 15:35 EST		0	Source: Trained Spotter

Quarter size hail was reported south of Alonzaville.

Storm Data and Unusual Weather Phenomena - September 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
SHENANDOAH COUNTY --- 1.5 NNW MT OLIVE [38.99, -78.44]				
	09/08/23 16:15 EST		0	Thunderstorm Wind (MG 50 kt)
	09/08/23 16:15 EST		0	Source: Mesonet
A wind gust of 50 knots (58 MPH) was measured by a Tempest station on Chickory Lane.				
SHENANDOAH COUNTY --- BASYE [38.80, -78.78]				
	09/08/23 16:24 EST		0	Hail (1.00 in)
	09/08/23 16:24 EST		0	Source: Trained Spotter
Quarter size hail was reported in Bayse.				
LOUDOUN COUNTY --- 1.4 WSW PLEASANT VLY [38.91, -77.50]				
	09/08/23 16:36 EST		0	Hail (1.00 in)
	09/08/23 16:36 EST		0	Source: Trained Spotter
There were multiple reports of quarter size hail in the Chantilly and South Riding areas.				
LOUDOUN COUNTY --- 2.3 SSW ARCOLA GLASCOCK ARPT [38.90, -77.56]				
	09/08/23 16:38 EST		0	Hail (1.00 in)
	09/08/23 16:38 EST		0	Source: Social Media
Quarter size hail was reported south of Arcola.				
LOUDOUN COUNTY --- 0.3 WNW ARCOLA [38.95, -77.53]				
	09/08/23 16:42 EST		0	Hail (1.00 in)
	09/08/23 16:42 EST		0	Source: Social Media
Quarter size hail was reported in Arcola.				
LOUDOUN COUNTY --- 2.7 NW DULLES INTL ARPT [38.98, -77.49]				
	09/08/23 17:00 EST		0	Hail (1.25 in)
	09/08/23 17:15 EST		0	Source: Official NWS Observations
Hail of up to half dollar size was observed for about 15 minutes from 6:00 to 6:15 PM at the NWS Office in Sterling. Hail covered the ground.				
LOUDOUN COUNTY --- 1.7 WSW STERLING [38.99, -77.46]				
	09/08/23 17:10 EST		0	Hail (1.25 in)
	09/08/23 17:10 EST		0	Source: Trained Spotter
Half dollar size hail was reported in Sterling Park.				
LOUDOUN COUNTY --- 1.4 N ARCOLA [38.97, -77.53]				
	09/08/23 17:15 EST		0	Thunderstorm Wind (MG 62 kt)
	09/08/23 17:20 EST		0	Source: Mesonet
Wind gusts of up to 62 knots (71 MPH) were measured by a Tempest station (23370) between Arcola and Brambleton.				
LOUDOUN COUNTY --- 2.7 NW DULLES INTL ARPT [38.98, -77.49]				
	09/08/23 17:35 EST		10K	Hail (1.50 in)
	09/08/23 17:45 EST		0	Source: Official NWS Observations
Another round of quarter to ping pong ball size hail was observed at the NWS Office in Sterling . Wind-driven hail (with measured gusts to 46 knots/53 MPH) dented about half a dozen vehicles in the parking lot.				
PRINCE WILLIAM COUNTY --- 0.9 WSW WOOLSEY [38.87, -77.65]				
	09/08/23 18:00 EST		10K	Thunderstorm Wind (EG 56 kt)
	09/08/23 18:00 EST		0	Source: Emergency Manager
Numerous trees and power lines blew down near the intersection of VA-630 Mill Creek Road and VA-601 Waterfall Road.				

Storm Data and Unusual Weather Phenomena - September 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
PRINCE WILLIAM COUNTY --- 0.3 NE WOOLSEY [38.87, -77.63]				
	09/08/23 18:05 EST		2K	Thunderstorm Wind (EG 52 kt)
	09/08/23 18:05 EST		0	Source: Department of Highways
Trees blew down near the intersection of VA-601 Shelter Lane and Greenville Drive.				
ALBEMARLE COUNTY --- 0.4 ESE SCOTTSVILLE [37.80, -78.49]				
	09/08/23 19:54 EST		2K	Thunderstorm Wind (EG 52 kt)
	09/08/23 19:54 EST		0	Source: 911 Call Center
There were a couple of calls for trees blown down in and around Scottsville.				
ALBEMARLE COUNTY --- 0.8 ESE WOODRIDGE [37.90, -78.44]				
	09/08/23 20:02 EST		5K	Thunderstorm Wind (EG 52 kt)
	09/08/23 20:02 EST		0	Source: 911 Call Center
There were several calls for trees blown down in and around Woodridge.				
ALBEMARLE COUNTY --- 0.6 ENE KESWICK [38.02, -78.36]				
	09/08/23 20:26 EST		2K	Thunderstorm Wind (EG 52 kt)
	09/08/23 20:26 EST		0	Source: 911 Call Center
There were a couple of calls for trees blown down in and near Keswick.				
An approaching cold front ignited scattered to numerous showers and strong to severe thunderstorms as it intersected an unseasonably hot and humid airmass. Several storms turned severe, with a few producing considerable wind damage and hail.				
LOUDOUN COUNTY --- 0.7 SSW ARCOLA [38.94, -77.53], 0.8 SSW ARCOLA [38.94, -77.53], 0.9 SSE ARCOLA [38.94, -77.53], 0.8 SSE ARCOLA [38.94, -77.53]				
	09/08/23 17:24 EST		0	Flood (due to Heavy Rain)
	09/08/23 20:24 EST		0	Source: 911 Call Center
The road was closed at Dulles West Boulevard due to high water.				
LOUDOUN COUNTY --- 2.6 NE ARCOLA [38.98, -77.50], 0.6 SSW ARCOLA [38.94, -77.54], 1.2 SE ARCOLA [38.94, -77.51], 2.5 NW DULLES INTL ARPT [38.97, -77.48]				
	09/08/23 18:02 EST		0	Flash Flood (due to Heavy Rain)
	09/08/23 19:15 EST		0	Source: State Official
Loudoun County Sheriffs office reported numerous roads closed around the Dulles area including Arcola Boulevard , Old Ox Road, and the Loudoun County Parkway. Cars were stranded on some of the closed roads.				
A nearly stalled boundary combined with plenty of moisture led to the development of showers and thunderstorms. Some storms trained over the same areas, resulting in areas of flooding and flash flooding in northern Virginia.				
FAIRFAX COUNTY --- 0.3 ENE SUNSET HILLS [38.95, -77.35]				
	09/09/23 14:18 EST		5K	Thunderstorm Wind (EG 52 kt)
	09/09/23 14:18 EST		0	Source: Broadcast Media
Multiple trees blew down near and north of Reston.				
LOUDOUN COUNTY --- 1.6 S WATSON [38.98, -77.58]				
	09/09/23 14:45 EST		5K	Thunderstorm Wind (EG 52 kt)
	09/09/23 14:45 EST		0	Source: 911 Call Center
Several tress and wires blew down in the Arcola/Aldie area.				
LOUDOUN COUNTY --- 0.8 SW WOODBURN [39.07, -77.63]				
	09/09/23 15:00 EST		5K	Thunderstorm Wind (EG 52 kt)
	09/09/23 15:00 EST		0	Source: 911 Call Center
Several trees and wires blew down between Leesburg and Purcellville.				

Storm Data and Unusual Weather Phenomena - September 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
FREDERICKSBURG (C) COUNTY --- 0.4 NNE FREDERICKSBURG [38.30, -77.47]				
	09/09/23 15:03 EST		3K	Thunderstorm Wind (EG 52 kt)
	09/09/23 15:03 EST		0	Source: 911 Call Center
A few trees and wires blew down in the City of Fredericksburg, including along Caroline Street and in the 1400 block of Prince Edward Street.				
SPOTSYLVANIA COUNTY --- 0.9 SW LEAVELLS [38.24, -77.53]				
	09/09/23 15:04 EST		25K	Thunderstorm Wind (EG 52 kt)
	09/09/23 15:04 EST		0	Source: 911 Call Center
At least half a dozen trees blew down near the City of Fredericksburg and just to the south and west, including along VA-628 Smith Station Road, VA-639 Leavells Road, Mansfield Street, VA-3 Plank Road/Germanna Highway, and VA-612 Catharpin Road. A tree blew down onto a pole at the intersection of Lafayette Boulevard and Hudgins Road.				
ORANGE COUNTY --- 1.0 SSW EVERONA [38.29, -77.98]				
	09/09/23 15:10 EST		10K	Thunderstorm Wind (EG 52 kt)
	09/09/23 15:10 EST		0	Source: 911 Call Center
Several trees blew down across central Orange County, including one onto a car at House Inn and Bistro, and along VA-617 Everona Road.				
STAFFORD COUNTY --- 1.6 SSW BLOOKE [38.36, -77.39]				
	09/09/23 15:10 EST		5K	Thunderstorm Wind (EG 52 kt)
	09/09/23 15:10 EST		0	Source: 911 Call Center
Several trees and wires blew down in southeastern Stafford County.				
LOUDOUN COUNTY --- 2.4 S LOVETTSVILLE [39.24, -77.64]				
	09/09/23 15:15 EST		5K	Thunderstorm Wind (EG 52 kt)
	09/09/23 15:15 EST		0	Source: 911 Call Center
Several trees and wires blew down near Lucketts, Lovettsville, and Waterford.				
CULPEPER COUNTY --- 3.2 NNW RACCOON FORD [38.42, -77.94]				
	09/09/23 15:20 EST		5K	Thunderstorm Wind (EG 52 kt)
	09/09/23 15:20 EST		0	Source: 911 Call Center
Several trees and wires blew down in southern Culpeper County near Stevensburg.				
STAFFORD COUNTY --- 0.8 WSW MIDWAY IS [38.49, -77.38]				
	09/09/23 15:20 EST		5K	Thunderstorm Wind (EG 52 kt)
	09/09/23 15:20 EST		0	Source: 911 Call Center
Several trees and wires blew down in northeastern Stafford County.				
PRINCE WILLIAM COUNTY --- 1.0 N WATERFALL [38.88, -77.67]				
	09/09/23 15:22 EST		3K	Thunderstorm Wind (EG 52 kt)
	09/09/23 15:22 EST		0	Source: 911 Call Center
Trees blew down onto power lines on VA-600 Mountain Road between Berkeley Drive and VA-601 Waterfall Road.				
CULPEPER COUNTY --- 0.6 S CULPEPER [38.47, -78.00]				
	09/09/23 15:30 EST		5K	Thunderstorm Wind (EG 52 kt)
	09/09/23 15:30 EST		0	Source: 911 Call Center
Several trees and wires blew down around Culpeper.				
CULPEPER COUNTY --- RIXEYVILLE [38.58, -77.97]				
	09/09/23 15:40 EST		5K	Thunderstorm Wind (EG 52 kt)
	09/09/23 15:40 EST		0	Source: 911 Call Center
Several trees and wires blew down around Rixeyville.				

Storm Data and Unusual Weather Phenomena - September 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
FAUQUIER COUNTY --- 0.9 W WARRENTON [38.72, -77.80]				
	09/09/23 15:45 EST		15K	Thunderstorm Wind (EG 56 kt)
	09/09/23 15:45 EST		0	Source: 911 Call Center

There were about a dozen calls for trees, branches, and wires blown down around Warrenton and central Fauquier County.

PRINCE WILLIAM COUNTY --- 0.6 NW INDEPENDENT HILL [38.64, -77.44]				
	09/09/23 15:50 EST		25K	Thunderstorm Wind (EG 56 kt)
	09/09/23 15:50 EST		0	Source: Emergency Manager

Multiple trees blew down around Independent Hill, including one onto a house just west-northwest of town.

A cold front stalling over the Mid-Atlantic ignited several severe thunderstorms that produced mainly localized wind damage.

FAUQUIER COUNTY --- 0.5 W BROAD RUN [38.83, -77.73], 1.6 ENE BELVOIR [38.87, -77.79], 0.5 SE MARSHALL [38.87, -77.84], 1.4 S OLD TAVERN [38.81, -77.80]				
	09/09/23 16:15 EST		0	Flash Flood (due to Heavy Rain)
	09/09/23 17:15 EST		0	Source: 911 Call Center

Several roads were blocked by standing water near Marshall and The Plains.

PRINCE WILLIAM COUNTY --- 1.8 SSW CATHARPIN [38.82, -77.58], 1.7 SSW CATHARPIN [38.83, -77.58], 1.5 S CATHARPIN [38.83, -77.57], 1.9 S CATHARPIN [38.82, -77.57]				
	09/09/23 20:33 EST		0	Flood (due to Heavy Rain)
	09/09/23 21:30 EST		0	Source: 911 Call Center

Little Bull Run flooded onto Artemus Road. Road was closed.

An isolated instance of flash flooding occurred due to heavy rain associated with showers and thunderstorms.

KING GEORGE COUNTY --- 1.6 SW GOBY [38.30, -77.29]				
	09/10/23 18:49 EST		2K	Thunderstorm Wind (EG 52 kt)
	09/10/23 18:49 EST		0	Source: 911 Call Center

Trees blew down in the 3000 block of VA-218 Caledon Road.

An isolated severe thunderstorm produced localized wind damage east of Fredericksburg, Virginia.

GREENE COUNTY --- 1.8 SSW RUCKERSVILLE [38.21, -78.38], 0.8 NE RUCKERSVILLE [38.24, -78.36], 1.2 NNW RUCKERSVILLE [38.25, -78.38], 2.0 SW RUCKERSVILLE [38.21, -78.39]				
	09/10/23 20:35 EST		0	Flood (due to Heavy Rain)
	09/10/23 22:35 EST		0	Source: 911 Call Center

Route 29 near Route 33 was closed due to flooding from high water.

A slow moving thunderstorm caused flooding in Greene County during the evening of the 10th.

(VA-Z054) ARLINGTON				
	09/24/23 01:42 EST		0	Coastal Flood
	09/24/23 04:00 EST		0	

Tropical Storm Ophelia caused moderate coastal flooding in the City of Alexandria, VA in late September.

WEST VIRGINIA, East

PENDLETON COUNTY --- 4.2 ESE FT SEYBERT [38.65, -79.13]				
	09/06/23 17:33 EST		5K	Thunderstorm Wind (EG 52 kt)
	09/06/23 17:33 EST		0	Source: 911 Call Center

Storm Data and Unusual Weather Phenomena - September 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Hall Springs Road was closed in multiple locations due to trees blown down.				
PENDLETON COUNTY --- 2.5 E FRANKLIN [38.66, -79.28]				
	09/06/23 17:40 EST		3K	Thunderstorm Wind (EG 52 kt)
	09/06/23 17:40 EST		0	Source: 911 Call Center
CR-87 Rough Run Road was closed west of the Virginia state line before Fort Seybert due to trees blown down.				
HARDY COUNTY --- 9.4 SE BRAKE [38.80, -78.89]				
	09/06/23 18:01 EST		2K	Thunderstorm Wind (EG 52 kt)
	09/06/23 18:01 EST		0	Source: Law Enforcement
Two trees blew down along WV-259 near Sawmill Lane.				
A few isolated severe thunderstorms developed as a result of terrain circulations after several days of late season heat.				
HAMPSHIRE COUNTY --- 2.6 SW THREE CHURCHES [39.37, -78.69]				
	09/07/23 10:14 EST		2K	Thunderstorm Wind (EG 52 kt)
	09/07/23 10:14 EST		0	Source: 911 Call Center
Trees blew down in the 7200 block of CR-5 Jersey Mountain Road.				
HARDY COUNTY --- 2.8 WNW WARDENSVILLE [39.09, -78.65]				
	09/07/23 10:49 EST		10K	Thunderstorm Wind (EG 52 kt)
	09/07/23 10:49 EST		0	Source: 911 Call Center
There were several calls for multiple trees blown down in northeastern Hardy County, including along CR-23/10 Trout Run Road to near the national forest just outside of Wardensville.				
HAMPSHIRE COUNTY --- 1.1 ENE LITTLE CACAPON [39.51, -78.46]				
	09/07/23 10:50 EST		5K	Thunderstorm Wind (EG 52 kt)
	09/07/23 10:50 EST		0	Source: 911 Call Center
There were several calls for trees blown down near Paw Paw.				
MORGAN COUNTY --- 2.6 ESE DOE GULLY [39.59, -78.34]				
	09/07/23 11:05 EST		0	Hail (1.00 in)
	09/07/23 11:05 EST		0	Source: Social Media
Hail of up to quarter size was reported near Great Cacapon.				
HAMPSHIRE COUNTY --- 1.2 ESE PLEASANTDALE [39.29, -78.56]				
	09/07/23 11:10 EST		5K	Thunderstorm Wind (EG 52 kt)
	09/07/23 11:10 EST		0	Source: 911 Call Center
There were several calls for trees blown down near Augusta and Frenchburg.				
BERKELEY COUNTY --- 0.8 N SHANGHAI [39.44, -78.13]				
	09/07/23 12:05 EST		0	Hail (1.00 in)
	09/07/23 12:05 EST		0	Source: Social Media
Quarter size hail was reported in Shanghai.				
BERKELEY COUNTY --- 0.9 SSW JONES SPGS [39.47, -78.11]				
	09/07/23 12:10 EST		0	Hail (1.00 in)
	09/07/23 12:10 EST		0	Source: Social Media
Quarter size hail was reported along CR-7 Back Creek Valley Road.				
BERKELEY COUNTY --- 2.4 NNW ARDEN [39.45, -78.07]				
	09/07/23 12:10 EST		0	Hail (1.50 in)
	09/07/23 12:10 EST		0	Source: Social Media

Storm Data and Unusual Weather Phenomena - September 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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Hail of up to at least ping pong ball size was reported east of Shanghai along CR-18 Tuscarora Pike.

BERKELEY COUNTY --- 1.6 S TOMAHAWK [39.51, -78.06]

	09/07/23 12:21 EST		0	Hail (1.00 in)
	09/07/23 12:21 EST		0	Source: Social Media

Quarter size hail was reported near Back Creek south of Tomahawk.

BERKELEY COUNTY --- 1.1 NNW BERKELEY [39.51, -77.94]

	09/07/23 12:27 EST		3K	Thunderstorm Wind (EG 52 kt)
	09/07/23 12:27 EST		0	Source: 911 Call Center

There were several reports of trees and wires blown down near Berkeley and Martinsburg, including on Panorama Drive, near the intersection of CR-40 Winebrenner Road and CR-45/3 Files Cross Road, and in the 1500 block of CR-36 Golf Course Road.

BERKELEY COUNTY --- 0.3 SSE BEDINGTON [39.52, -77.90]

	09/07/23 12:28 EST		0	Hail (1.00 in)
	09/07/23 12:28 EST		0	Source: Social Media

Quarter size hail was reported near the intersection of CR-12 Berkeley Station Road/Scrabble Road and CR-5 Bedington Road.

BERKELEY COUNTY --- 0.9 ENE SPRING MILLS [39.55, -77.94]

	09/07/23 12:32 EST		0	Hail (1.25 in)
	09/07/23 12:32 EST		0	Source: Social Media

Hail of up to half dollar size was reported near Spring Mills.

Numerous showers and thunderstorms developed along a lee pressure trough after several days of late season heat. Several of these storms turned severe, producing both damaging wind gusts and large hail.

PENDLETON COUNTY --- 0.4 WSW FT SEYBERT [38.68, -79.21], 0.9 S OAK FLAT [38.66, -79.22], 1.1 SSE OAK FLAT [38.66, -79.21], 0.4 SSE FT SEYBERT [38.67, -79.20]

	09/08/23 18:32 EST		0	Flash Flood (due to Heavy Rain)
	09/08/23 19:45 EST		0	Source: State Official

Sweedin Valley Road was closed in multiple locations due to creeks running over the road.

A nearly stalled boundary combined with plenty of moisture led to the development of showers and thunderstorms. Some storms trained over the same areas, resulting in an isolated instance of flash flooding in Pendleton County.

PENDLETON COUNTY --- UPPER TRACK [38.78, -79.28]

	09/08/23 18:45 EST		0	Hail (1.25 in)
	09/08/23 18:45 EST		0	Source: Social Media

Half dollar size hail was reported in Upper Tract.

An approaching cold front ignited scattered to numerous showers and strong to severe thunderstorms as it intersected an unseasonably hot and humid airmass. Several storms turned severe, with a few producing considerable wind damage and hail.

GRANT COUNTY --- 0.8 W PETERSBURG [39.00, -79.13]

	09/09/23 13:55 EST		10K	Thunderstorm Wind (EG 52 kt)
	09/09/23 13:55 EST		0	Source: COOP Observer

Numerous trees, limbs, and wires blew down along CR-220/2 Johnson Run Road. Hail accumulated in drifts.

MORGAN COUNTY --- BERKELEY SPGS [39.63, -78.23]

	09/09/23 17:15 EST		3K	Thunderstorm Wind (EG 52 kt)
	09/09/23 17:15 EST		0	Source: 911 Call Center

Several trees blew down near Berkeley Springs, including in the 14000 block of CR-13 Winchester Grade Road, in the 3100 block of CR-15 New Hope Road, and in the 200 block of CR-6 Jim West Road.

A cold front stalling over the Mid-Atlantic ignited several severe thunderstorms that produced mainly localized wind damage.

Storm Data and Unusual Weather Phenomena - September 2023

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