

Storm Data and Unusual Weather Phenomena - August 2025

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

ATLANTIC NORTH

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

08/13/25 14:56 EST	0	Marine Thunderstorm Wind (MG 34 kt)
08/13/25 14:56 EST	0	Source: Mesonet

A wind gust of 34 knots (39 MPH) was measured by the Potomac Light WeatherFlow sensor (XP33).

CHESAPEAKE BAY N OF POOLE IS MD COUNTY --- 0.8 NNW DEERFIELD (EDGDF) [39.43, -76.29]

08/13/25 17:00 EST	0	Marine Thunderstorm Wind (EG 34 kt)
08/13/25 17:00 EST	0	Source: Mesonet

A thunderstorm produced an estimated wind gust to 34 knots (39 MPH) near a Tempest station on Bush River adjacent to the Chesapeake Bay.

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

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

08/14/25 15:00 EST	0	Marine Thunderstorm Wind (MG 34 kt)
08/14/25 15:00 EST	0	Source: Mesonet

A wind gust of 34 knots (39 MPH) was measured by the I-695 Francis Scott Key Bridge NOS sensor (FSKM2).

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

08/14/25 17:21 EST	0	Marine Thunderstorm Wind (MG 38 kt)
08/14/25 17:46 EST	0	Source: Mesonet

Wind gusts of up to 38 knots (44 MPH) were measured by the Potomac Light WeatherFlow sensor (XP33).

A couple of thunderstorms produced localized gale-force wind gusts over the tidal Patapsco River and the middle tidal Potomac River.

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

08/17/25 18:10 EST	0	Marine Thunderstorm Wind (MG 36 kt)
08/17/25 18:10 EST	0	Source: ASOS

A wind gust of 36 knots (41 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 --- OCCOQUAN RIVER (OCC) [38.64, -77.22]

08/17/25 18:35 EST	0	Marine Thunderstorm Wind (MG 34 kt)
08/17/25 18:35 EST	0	Source: Mesonet

A wind gust of 34 knots (39 MPH) was measured by the Occoquan River WeatherFlow sensor (XOCC).

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

08/17/25 18:59 EST	0	Marine Thunderstorm Wind (MG 37 kt)
08/17/25 19:04 EST	0	Source: Mesonet

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

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

08/17/25 19:15 EST	0	Marine Thunderstorm Wind (MG 39 kt)
08/17/25 19:15 EST	0	Source: Mesonet

A wind gust of 39 knots (45 MPH) was measured by the Grove Point Range Front Light WeatherFlows sensor (XGVP).

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

08/17/25 19:20 EST	0	Marine Thunderstorm Wind (MG 34 kt)
08/17/25 19:20 EST	0	Source: Mesonet

A wind gust of 34 knots (39 MPH) was measured by the Hart Miller WeatherFlow sensor (XHRT).

Storm Data and Unusual Weather Phenomena - August 2025

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

Clusters of thunderstorms ahead of a cold front produced widely scattered instances of gale-force wind gusts.

MARYLAND, Central

BALTIMORE COUNTY --- 1.8 NE DUNDALK [39.29, -76.50], 0.7 WSW ST HELENA [39.26, -76.54], 1.0 NNE TURNER [39.24, -76.52], 3.0 N EDGEMERE [39.27, -76.46]

08/13/25 17:37 EST	0	Flash Flood (due to Heavy Rain)
08/13/25 18:37 EST	0	Source: 911 Call Center

Reports of several roads closed in Dundalk due to high water. This includes North Point Boulevard near I-695, German Hill Road, Broening Highway, and Merrit Boulevard.

HARFORD COUNTY --- 0.7 S JOPPA [39.42, -76.37], 0.3 SSW JOPPA [39.43, -76.37], 0.7 WSW JOPPA [39.43, -76.38], 0.9 SSW JOPPA [39.42, -76.38]

08/13/25 18:05 EST	0	Flash Flood (due to Heavy Rain)
08/13/25 18:35 EST	0	Source: 911 Call Center

Joppa Farm Road closed near Philadelphia Road due to at least six inches of water flowing over the roadway.

Slow moving thunderstorms along a frontal boundary resulted in a localized two to four inches of rain. This resulted in instances of flash flooding.

BALTIMORE COUNTY --- 1.8 ENE DUNDALK [39.28, -76.49], 1.6 ENE DUNDALK [39.28, -76.49], 1.4 NE DUNDALK [39.28, -76.50], 1.6 NE DUNDALK [39.28, -76.50]

08/14/25 15:27 EST	0	Flash Flood (due to Heavy Rain)
08/14/25 16:27 EST	0	Source: Emergency Manager

North Point Road closed between Willow Road and German Hill Road for 6 inches or more of flowing water over the bridge at Bread and Cheese Creek.

Stationary thunderstorms along the Bay Breeze resulted in localized rainfall amounts of two to four inches near Baltimore in an hour or two.

ALLEGANY COUNTY --- 0.6 N EVITTS CREEK [39.64, -78.75]

08/17/25 14:37 EST	1K	Thunderstorm Wind (EG 52 kt)
08/17/25 14:37 EST	0	Source: 911 Call Center

A tree blew down in the 900 block of Michigan Avenue.

ALLEGANY COUNTY --- 1.1 E ECKHART JCT [39.67, -78.76]

08/17/25 14:37 EST	1K	Thunderstorm Wind (EG 52 kt)
08/17/25 14:37 EST	0	Source: 911 Call Center

A tree blew down in the 800 block of Valley Street.

ALLEGANY COUNTY --- 1.3 ENE LOCUST GROVE [39.68, -78.76]

08/17/25 14:37 EST	1K	Thunderstorm Wind (EG 52 kt)
08/17/25 14:37 EST	0	Source: 911 Call Center

A tree blew down near the intersection of Amherst Avenue Northeast/Raven Drive and Ore Street Northeast.

ALLEGANY COUNTY --- 0.3 ENE CUMBERLAND [39.65, -78.76]

08/17/25 14:40 EST	3K	Thunderstorm Wind (EG 52 kt)
08/17/25 14:40 EST	0	Source: 911 Call Center

Allegany County 911 Call Center reported three trees blown down in the Cumberland area.

CECIL COUNTY --- 0.9 NE KILBY CORNER [39.69, -76.14]

08/17/25 16:42 EST	5K	Thunderstorm Wind (EG 52 kt)
08/17/25 16:42 EST	0	Source: Trained Spotter

Multiple trees blew down onto US-1 Conowingo Road in Rising Sun. Additional trees blew down along the side of the road on the northbound side.

Storm Data and Unusual Weather Phenomena - August 2025

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
CECIL COUNTY --- 0.2 WSW CONOWINGO ARPT [39.70, -76.17]				
	08/17/25 17:00 EST	5K		Thunderstorm Wind (EG 52 kt)
	08/17/25 17:00 EST	0		Source: Trained Spotter
Multiple trees blew down along US-222 Rock Springs Road north of Conowingo to the Pennsylvania state line.				
CECIL COUNTY --- 0.5 WSW KILBY CORNER [39.68, -76.16]				
	08/17/25 17:00 EST	0		Hail (1.00 in)
	08/17/25 17:00 EST	0		Source: Trained Spotter
Hail around quarter size was reported along US-222 Rock Springs Road.				
A couple clusters of severe thunderstorms impacted western and northeastern Maryland.				
(MD-Z014) ANNE ARUNDEL				
	08/23/25 02:42 EST	0		Coastal Flood
	08/23/25 07:30 EST	0		
A snap-back event in the wake of Hurricane Erin in late Aug 2025 caused widespread minor coastal flooding that lasted a couple of days.				
Moderate coastal flooding was experienced in several areas of Anne Arundel County including Annapolis.				
VIRGINIA, North				
ROCKINGHAM COUNTY --- 1.4 S HINTON [38.45, -78.97], 1.0 S HINTON [38.46, -78.97], 1.1 SSE HINTON [38.46, -78.96], 1.7 SSE HINTON [38.45, -78.96], 1.7 NNE MONTEZUMA [38.44, -78.97]				
	08/13/25 14:32 EST	0		Flash Flood (due to Heavy Rain)
	08/13/25 15:32 EST	0		Source: 911 Call Center
Coakley Town Road near Bank Church Road closed due to at least 6 inches of water flowing over the road. Debris in road from washouts.				
FAIRFAX COUNTY --- CHESTERBROOK WOODS [38.93, -77.17], 0.4 NE CHESTERBROOK [38.92, -77.17], 0.6 S CHESTERBROOK WOODS [38.92, -77.17], 0.3 E CHESTERBROOK WOODS [38.93, -77.17]				
	08/13/25 16:01 EST	0		Flash Flood (due to Heavy Rain)
	08/13/25 17:01 EST	0		Source: 911 Call Center
Old Chesterbrook Road closed at Pimmit Run due to at least six inches of water flowing across the road.				
Slow moving thunderstorms along a frontal boundary resulted in a localized two to four inches of rain. This resulted in instances of flash flooding.				
CHARLOTTESVILLE (C) COUNTY --- 2.9 NE CHARLOTTESVILLE [38.06, -78.46]				
	08/13/25 16:00 EST	6K		Thunderstorm Wind (EG 52 kt)
	08/13/25 16:00 EST	0		Source: 911 Call Center
There were three calls for trees and wires blown down on the northern and northeastern side of Charlottesville.				
An isolated severe thunderstorm produced localized wind damage in the City of Charlottesville.				
WEST VIRGINIA, East				
PENDLETON COUNTY --- 1.0 SSW MACKSVILLE [38.79, -79.41], 0.8 SSW MACKSVILLE [38.79, -79.41], 0.6 SW MACKSVILLE [38.79, -79.41], 1.0 SW MACKSVILLE [38.79, -79.41]				
	08/20/25 15:20 EST	0		Flash Flood (due to Heavy Rain)
	08/20/25 16:20 EST	0		Source: 911 Call Center
A thunderstorm moved of the higher terrain of the Allegheny Mountains and stalled in western Pendleton County resulting in a localized two to four inches of rain.				

Storm Data and Unusual Weather Phenomena - August 2025

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
HAMPSHIRE COUNTY --- 3.1 WNW BLOOMER [39.40, -78.43]				
	08/25/25 00:04 EST	1K		Thunderstorm Wind (EG 52 kt)
	08/25/25 00:04 EST	0		Source: 911 Call Center

Trees blew down in the 600 block of CR-45/7 Gaston Road.

A strong cold front produced a line of showers and a few thunderstorms during the overnight hours just east of the Appalachians in eastern West Virginia. One of these storms briefly became severe.