

Storm Data and Unusual Weather Phenomena - October 2025

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

CHESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY --- 4.7 S MID BAY BUOY [38.40, -76.39]

10/08/25 12:12 EST	0	Marine Thunderstorm Wind (MG 41 kt)
10/08/25 12:24 EST	0	Source: Mesonet

Wind gusts of up to 41 knots (47 MPH) were measured by the Cove Point NOS sensor (COVM2).

A line of showers along a strong cold front produced localized gale-force wind gusts.

TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- OCCOQUAN RIVER (OCC) [38.64, -77.22]

10/19/25 20:49 EST	0	Marine Thunderstorm Wind (MG 36 kt)
10/19/25 20:49 EST	0	Source: Mesonet

A wind gust of 36 knots (41 MPH) was measured by the Occoquan River WeatherFlow sensor (XOCC).

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

10/19/25 21:11 EST	0	Marine Thunderstorm Wind (MG 34 kt)
10/19/25 21:11 EST	0	Source: ASOS

A wind gust of 34 knots (39 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 --- BABER POINT (BAB) [38.31, -77.03]

10/19/25 21:15 EST	0	Marine Thunderstorm Wind (EG 34 kt)
10/19/25 21:20 EST	0	Source: Mesonet

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

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

10/19/25 21:15 EST	0	Marine Thunderstorm Wind (EG 34 kt)
10/19/25 21:15 EST	0	Source: Mesonet

A squall produced an estimated wind gust to 34 knots (39 MPH) near the Potomac Light WeatherFlow sensor (XP33).

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

10/19/25 21:26 EST	0	Marine Thunderstorm Wind (EG 34 kt)
10/19/25 21:26 EST	0	Source: Mesonet

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

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

10/19/25 21:27 EST	0	Marine Thunderstorm Wind (MG 34 kt)
10/19/25 21:32 EST	0	Source: Mesonet

Wind gusts of up to 34 knots (39 MPH) were measured by the Cuckold Creek WeatherFlow sensor (XCCK).

CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- ANNAPOLIS BUOY (44063) [38.96, -76.45]

10/19/25 21:30 EST	0	Marine Thunderstorm Wind (MG 37 kt)
10/19/25 22:00 EST	0	Source: Buoy

Wind gusts of up to 37 knots (43 MPH) were measured by the Annapolis CBIBS sensor (44063).

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

10/19/25 21:42 EST	0	Marine Thunderstorm Wind (EG 34 kt)
10/19/25 21:42 EST	0	Source: Mesonet

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

CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- HERRING BAY (HRB) [38.73, -76.54]

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	10/19/25 21:56 EST	0		Marine Thunderstorm Wind (MG 38 kt)
	10/19/25 21:56 EST	0		Source: Mesonet

A wind gust of 38 knots (44 MPH) was measured by the Herring Bay WeatherFlow sensor (XHEB).

CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- TOLLY POINT (TOL) [38.94, -76.44]				
10/19/25 21:58 EST	0			Marine Thunderstorm Wind (MG 38 kt)
10/19/25 22:08 EST	0			Source: Mesonet

Wind gusts of up to 38 knots (44 MPH) were measured by the Tolly Point WeatherFlow sensor (XTOL).

PATAPSCO RIVER INCLUDING BALTIMORE HARBOR COUNTY --- 0.2 NNE BALTIMORE KEY BRIDGE (FSKM2) [39.22, -76.53]				
10/19/25 22:00 EST	0			Marine Thunderstorm Wind (MG 35 kt)
10/19/25 22:00 EST	0			Source: Buoy

A wind gust of 35 knots (40 MPH) was measured by the Baltimore CBIBS sensor (44080).

PATAPSCO RIVER INCLUDING BALTIMORE HARBOR COUNTY --- BALTIMORE KEY BRIDGE (FSKM2) [39.22, -76.53]				
10/19/25 22:00 EST	0			Marine Thunderstorm Wind (MG 34 kt)
10/19/25 22:00 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).

CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- SAUNDERS POINT LIGHT [38.88, -76.48]				
10/19/25 22:05 EST	0			Marine Thunderstorm Wind (MG 45 kt)
10/19/25 22:05 EST	0			Source: Mesonet

A wind gust of 45 knots (52 MPH) was measured by the Saunders Point Light WeatherFlow sensor (XMTR).

CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- GREENBURY POINT (GBY) [38.97, -76.46]				
10/19/25 22:09 EST	0			Marine Thunderstorm Wind (MG 36 kt)
10/19/25 22:09 EST	0			Source: Mesonet

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

CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- KENT ISLAND (KNT) [38.92, -76.36]				
10/19/25 22:13 EST	0			Marine Thunderstorm Wind (MG 36 kt)
10/19/25 22:13 EST	0			Source: Mesonet

A wind gust of 36 knots (41 MPH) was measured by the Kent Island WeatherFlow sensor (XKNT).

CHESAPEAKE BAY DRUM PT TO SMITH PT VA COUNTY --- PATUXENT RIVER ASOS (KNHK) [38.29, -76.41]				
10/19/25 22:14 EST	0			Marine Thunderstorm Wind (MG 36 kt)
10/19/25 22:14 EST	0			Source: ASOS

A wind gust of 36 knots (41 MPH) was measured by the ASOS at Patuxent River Naval Air Station (KNHK) adjacent to the Chesapeake Bay and the tidal Patuxent River.

CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- 5.5 S KENT POINT MD (KPTM2) [38.76, -76.38]				
10/19/25 22:14 EST	0			Marine Thunderstorm Wind (MG 35 kt)
10/19/25 22:14 EST	0			Source: Mesonet

A wind gust of 35 knots (40 MPH) was measured by a personal weather station on Poplar Island (KMDMARYL25) in the Chesapeake Bay.

CHESAPEAKE BAY POOLES IS TO SANDY PT MD COUNTY --- SENECA CREEK [39.30, -76.36]				
10/19/25 22:16 EST	0			Marine Thunderstorm Wind (MG 37 kt)
10/19/25 22:21 EST	0			Source: Mesonet

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

PATUXENT RIVER TO BROOMES ISLAND MD COUNTY --- SOLOMONS ISLAND (SLIM2) [38.32, -76.45]				
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	10/19/25 22:18 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	10/19/25 22:18 EST	0		Source: Mesonet

A squall produced an estimated wind gust to 34 knots (39 MPH) near the Solomons Island NOS sensor (SLIM2).

TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- PINEY POINT (PPTM2) [38.13, -76.53]	10/19/25 22:18 EST	0	Marine Thunderstorm Wind (EG 34 kt)
	10/19/25 22:18 EST	0	Source: Mesonet

A squall produced an estimated wind gust to 34 knots (39 MPH) near the Piney Point NOS sensor (PPTM2).

CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- (KW29)BAY BRIDGE AIRPORT [38.98, -76.33]	10/19/25 22:25 EST	0	Marine Thunderstorm Wind (MG 36 kt)
	10/19/25 22:25 EST	0	Source: AWOS

A wind gust of 36 knots (41 MPH) was measured by the AWOS at Bay Bridge Airport (KW29) adjacent to the Chesapeake Bay.

EASTERN BAY COUNTY --- 3.5 S US-50 (MD040) [38.92, -76.26]	10/19/25 22:25 EST	0	Marine Thunderstorm Wind (MG 37 kt)
	10/19/25 22:25 EST	0	Source: Mesonet

A wind gust of 37 knots (43 MPH) was measured by a personal weather station at Marling Farms (KMDCHEST20) adjacent to Eastern Bay.

CHOPTANK RIVER TO CAMBRIDGE MD AND THE LITTLE CHOPTANK RIVER COUNTY --- 5.6 WSW CHOPTANK RIVER (CHOP) [38.62, -76.26]	10/19/25 22:29 EST	0	Marine Thunderstorm Wind (MG 35 kt)
	10/19/25 22:29 EST	0	Source: Mesonet

A wind gust of 35 knots (40 MPH) was measured by a personal weather station at Armstrong Bay (KMDCAMBR16) adjacent to the tidal Choptank River.

CHESAPEAKE BAY POOLE IS TO SANDY PT MD COUNTY --- HART MILLER ISLAND (HRT) [39.25, -76.37]	10/19/25 22:30 EST	0	Marine Thunderstorm Wind (EG 34 kt)
	10/19/25 22:30 EST	0	Source: Mesonet

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

TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- POTOMAC POINT LOOKOUT BUOY (44042) [38.03, -76.34]	10/19/25 22:30 EST	0	Marine Thunderstorm Wind (EG 34 kt)
	10/19/25 22:35 EST	0	Source: Buoy

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

CHESAPEAKE BAY POOLE IS TO SANDY PT MD COUNTY --- TOLCHESTER MD (TCBM2) [39.21, -76.24]	10/19/25 22:36 EST	0	Marine Thunderstorm Wind (MG 35 kt)
	10/19/25 22:36 EST	0	Source: Mesonet

A wind gust of 35 knots (40 MPH) was measured by the Tolchester Beach NOS sensor (TCBM2).

TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY --- LOWER HOOPERS ISLAND (HPR) [38.26, -76.18]	10/19/25 22:48 EST	0	Marine Thunderstorm Wind (MG 34 kt)
	10/19/25 22:53 EST	0	Source: Mesonet

Wind gusts of up to 34 knots (39 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]	10/19/25 22:54 EST	0	Marine Thunderstorm Wind (EG 34 kt)
	10/19/25 23:06 EST	0	Source: Mesonet

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

CHESAPEAKE BAY N OF POOLE IS MD COUNTY --- GROVE POINT (GVP) [39.40, -76.04]	10/19/25 22:55 EST	0	Marine Thunderstorm Wind (MG 35 kt)
	10/19/25 23:05 EST	0	Source: Mesonet

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Wind gusts of up to 35 knots (40 MPH) were measured by the Grove Point Range Front Light WeatherFlow sensor (XGVP).

TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY --- 7.2 E BISHOPS HEAD (BISM2) [38.20, -75.91]				
10/19/25 23:09 EST	0			Marine Thunderstorm Wind (EG 34 kt)
10/19/25 23:09 EST	0			Source: Mesonet

A squall produced an estimated wind gust to 34 knots (39 MPH) near a personal weather station in Dames Quarter (KMDDEALI19) adjacent to the Tangier Sound.

CHESAPEAKE BAY N OF POOLE'S IS MD COUNTY --- 5.0 ESE NORTH BAY NORTH EAST MD (NRTBY) [39.48, -75.90]				
10/19/25 23:10 EST	0			Marine Thunderstorm Wind (EG 34 kt)
10/19/25 23:10 EST	0			Source: Mesonet

A squall produced an estimated wind gust to 34 knots (39 MPH) near a personal weather station at Battery Point on the tidal Bohemia River (KMDEARLE31) adjacent to the Chesapeake Bay.

A low-topped squall line along a strong cold front produced numerous gale-force wind gusts.

CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- GREENBURY POINT (GBY) [38.97, -76.46]				
10/30/25 07:06 EST	0			Marine Thunderstorm Wind (EG 34 kt)
10/30/25 07:06 EST	0			Source: Mesonet

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

PATAPSCO RIVER INCLUDING BALTIMORE HARBOR COUNTY --- 0.2 NNE BALTIMORE KEY BRIDGE (FSKM2) [39.22, -76.53]				
10/30/25 07:24 EST	0			Marine Thunderstorm Wind (EG 34 kt)
10/30/25 07:36 EST	0			Source: Buoy

A squall produced estimated wind gusts up to 34 knots (39 MPH) near the Baltimore CBIBS sensor (44080).

CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- ANNAPOLIS BUOY (44063) [38.96, -76.45]				
10/30/25 07:36 EST	0			Marine Thunderstorm Wind (EG 34 kt)
10/30/25 07:36 EST	0			Source: Buoy

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

CHESAPEAKE BAY POOLE'S IS TO SANDY PT MD COUNTY --- 2.3 SW HART MILLER ISLAND (HRT) [39.23, -76.40]				
10/30/25 08:00 EST	0			Marine Thunderstorm Wind (MG 39 kt)
10/30/25 08:00 EST	0			Source: Mesonet

A wind gust of 39 knots (45 MPH) was measured by a Tempest station on Chesapeake Avenue adjacent to the Chesapeake Bay.

A brief period of squalls ahead of a strong cold front resulted in localized gale-force winds over the middle to upper Chesapeake Bay.

MARYLAND, Central

(MD-Z014) ANNE ARUNDEL				
10/01/25 23:24 EST	0			Coastal Flood
10/02/25 05:24 EST	0			

A snap-back event occurred early on Oct 02, 2025 in the wake of Hurricane Imelda and strong high pressure over the Northeast.

(MD-Z014) ANNE ARUNDEL				
10/19/25 03:12 EST	0			Coastal Flood
10/19/25 15:48 EST	0			

Strong southerly winds combined with high astronomical tides due to a New Moon resulted in moderate coastal flooding at Annapolis during multiple high tide cycles.