

Storm Data and Unusual Weather Phenomena - May 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
ATLANTIC NORTH				
TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY --- CRISFIELD CG (CRS) [37.97, -75.88]				
	05/01/23 21:11 EST	0		Marine Thunderstorm Wind (MG 44 kt)
	05/01/23 21:11 EST	0		Source: Buoy
A wind gust of 44 knots (51 MPH) was measured by the Crisfield WeatherFlow sensor (XCRS).				
A shower produced strong wind gusts over portions of Tangier Sound.				
CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- ANNAPOLIS (KNAK) [38.98, -76.48]				
	05/03/23 17:39 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	05/03/23 17:39 EST	0		Source: ASOS
A squall produced an estimated wind gust to 34 knots (39 MPH) near the ASOS at the Annapolis U.S. Naval Academy (KNAK) adjacent to the Chesapeake Bay.				
CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- ANNAPOLIS BUOY (44063) [38.96, -76.45]				
	05/03/23 17:42 EST	0		Marine Thunderstorm Wind (MG 39 kt)
	05/03/23 17:48 EST	0		Source: Buoy
Wind gusts of up to 39 knots (45 MPH) were measured by the Annapolis CBIBS sensor (44063).				
CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- ANNAPOLIS MD (APAM2) [38.98, -76.48]				
	05/03/23 17:42 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	05/03/23 17:48 EST	0		Source: Buoy
A squall produced estimated wind gusts to 34 knots (39 MPH) near the Annapolis NOS sensor (APAM2).				
CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- GREENBURY POINT (GBY) [38.97, -76.46]				
	05/03/23 17:42 EST	0		Marine Thunderstorm Wind (MG 37 kt)
	05/03/23 17:47 EST	0		Source: Buoy
Wind gusts of up to 37 knots (43 MPH) were measured by the Greenbury Point WeatherFlow sensor (XGBY).				
CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- THOMAS POINT (TPLM2) [38.90, -76.44]				
	05/03/23 17:44 EST	0		Marine Thunderstorm Wind (MG 37 kt)
	05/03/23 17:44 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 --- SAUNDERS POINT LIGHT [38.88, -76.48]				
	05/03/23 17:46 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	05/03/23 17:46 EST	0		Source: Buoy
A squall produced an estimated wind gust to 34 knots (39 MPH) near the Saunders Point Light WeatherFlow sensor (XMTR).				
CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- 1.7 ESE SANDY POINT SOUTH (NRSPTS) [38.99, -76.36]				
	05/03/23 17:53 EST	0		Marine Thunderstorm Wind (MG 34 kt)
	05/03/23 17:53 EST	0		Source: Mesonet
A wind gust of 34 knots (39 MPH) was measured by a mesonet at WPL Pier 31 (MD068).				
CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- 2.4 N KENT POINT MD (KPTM2) [38.87, -76.36]				
	05/03/23 17:55 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	05/03/23 18:00 EST	0		Source: Mesonet
A squall produced an estimated wind gust to 34 knots (39 MPH) near a mesonet on Beach Side Drive adjacent to the Chesapeake Bay.				
CHOPTANK RIVER TO CAMBRIDGE MD AND THE LITTLE CHOPTANK RIVER COUNTY --- BLACKWALNUT HARBOR (BWH) [38.68, -76.33]				

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	05/03/23 18:19 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	05/03/23 18:19 EST		0	Source: Buoy

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

EASTERN BAY COUNTY --- 3.4 S US-50 (MD040) [38.92, -76.26]

	05/03/23 18:20 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	05/03/23 18:20 EST		0	Source: Mesonet

A squall produced an estimated wind gust to 34 knots (39 MPH) near a mesonet at Crab Alley Bay adjacent to Eastern Bay.

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

	05/03/23 18:24 EST		0	Marine Thunderstorm Wind (MG 35 kt)
	05/03/23 18:24 EST		0	Source: Buoy

A wind gust of 35 knots (40 MPH) was measured by the Gooses Reef CBIBS sensor (44062).

CHESTER RIVER TO QUEENSTOWN MD COUNTY --- 1.5 SSW ROCK HALL ES (RKHAL) [39.12, -76.25]

	05/03/23 18:25 EST		0	Marine Thunderstorm Wind (MG 34 kt)
	05/03/23 18:25 EST		0	Source: Mesonet

A wind gust of 34 knots (39 MPH) was measured by a mesonet at Huntingfield Point adjacent to the tidal Chester River.

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

	05/03/23 19:18 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	05/03/23 19:18 EST		0	Source: Buoy

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

Showers around an upper-level low produced several gale-force wind gusts.

MARYLAND, Central

(MD-Z001) GARRETT

	05/01/23 19:00 EST		0	Winter Weather
	05/02/23 09:00 EST		0	

An anomalous upper-level low remained nearly stationary over the Great Lakes resulting in a period of high elevation, late-season, impactful snow. Overall accumulations of 2-5" were focused on elevations above 2,500 feet. Winds gusted to 40 mph resulting in blowing and drifting snow.

(MD-Z001) GARRETT

	05/02/23 18:00 EST		0	Winter Weather
	05/03/23 09:00 EST		0	

An anomalous upper-level low remained nearly stationary over the Great Lakes resulting in a period of high elevation, late-season, impactful snow for another night. Overall accumulations of 2-6" were focused on elevations above 2,500 feet. Winds gusted to 40 mph resulting in blowing and drifting snow.

VIRGINIA, North

(VA-Z503) WESTERN HIGHLAND

	05/01/23 19:00 EST		0	Winter Weather
	05/02/23 09:00 EST		0	

An anomalous upper-level low remained nearly stationary over the Great Lakes resulting in a period of high elevation, late-season, impactful snow. Overall accumulations of 2-8" were focused on elevations above 3,000 feet. Winds gusted to 40 mph resulting in blowing and drifting snow. Several trees were downed due to the heavy snow on leaves along with a couple reports of vehicle accidents.

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(VA-Z503) WESTERN HIGHLAND				
	05/02/23 18:00 EST		0	Winter Weather
	05/03/23 09:00 EST		0	

An anomalous upper-level low remained nearly stationary over the Great Lakes resulting in a period of high elevation, late-season, impactful snow for another night. Overall accumulations of 2-6" were focused on elevations above 2,500 feet. Winds gusted to 40 mph resulting in blowing and drifting snow.

ORANGE COUNTY --- 0.9 SSW GORDONSVILLE [38.14, -78.19]				
	05/11/23 15:18 EST		2K	Thunderstorm Wind (EG 48 kt)
	05/11/23 15:18 EST		0	Source: 911 Call Center

Minor wind damage was reported in Gordonsville. A tree was reported down in the 300 block of US-15 North Main Street. A wire was reported down in the 200 block of Charles Street.

An isolated thunderstorm produced minor wind damage in Gordonsville.

WEST VIRGINIA, East

(WV-Z505) WESTERN PENDLETON				
	05/01/23 19:00 EST		0	Winter Storm
	05/02/23 11:00 EST		0	

An anomalous upper-level low remained nearly stationary over the Great Lakes resulting in a period of high elevation, late-season, impactful snow. Overall accumulations of 4-9" were focused on elevations above 3,000 feet. Winds gusted to 40 mph resulting in blowing and drifting snow. Numerous trees were downed due to the heavy snow on leaves.

(WV-Z501) WESTERN GRANT				
	05/01/23 19:00 EST		0	Winter Weather
	05/02/23 09:00 EST		0	

An anomalous upper-level low remained nearly stationary over the Great Lakes resulting in a period of high elevation, late-season, impactful snow. Overall accumulations of 2-6" were focused on elevations above 2,500 feet. Winds gusted to 40 mph resulting in blowing and drifting snow. Several trees were downed due to the heavy snow on leaves.

(WV-Z501) WESTERN GRANT, (WV-Z505) WESTERN PENDLETON				
	05/02/23 18:00 EST		0	Winter Storm
	05/03/23 09:00 EST		0	

An anomalous upper-level low remained nearly stationary over the Great Lakes resulting in a period of high elevation, late-season, impactful snow for another night. Overall accumulations of 4-8" were focused on elevations above 2,500 feet. Winds gusted to 40 mph resulting in blowing and drifting snow.