

Storm Data and Unusual Weather Phenomena - February 2023

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

CHESAPEAKE BAY POOLES IS TO SANDY PT MD COUNTY --- 0.3 NNE SENECA CREEK [39.30, -76.36]

02/03/23 06:41 EST	0	Marine Thunderstorm Wind (MG 40 kt)
02/03/23 06:41 EST	0	Source: Buoy

A wind gust of 40 knots (46 MPH) was measured by the Seneca Creek WeatherFlow sensor.

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

02/03/23 07:06 EST	0	Marine Thunderstorm Wind (EG 34 kt)
02/03/23 07:06 EST	0	Source: ASOS

A squall produced an estimated wind gust to 34 knots (39 MPH) near the ASOS at Ronald Reagan Washington National Airport (KDCA) adjacent to the tidal Potomac River.

CHESAPEAKE BAY POOLES IS TO SANDY PT MD COUNTY --- TOLCHESTER MD (TCBM2) [39.21, -76.24]

02/03/23 07:42 EST	0	Marine Thunderstorm Wind (EG 34 kt)
02/03/23 07:42 EST	0	Source: Buoy

A squall produced an estimated wind gust to 34 knots (39 MPH) near the Tolchester Beach NOS sensor (TCBM2).

CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- 0.3 NNE SAUNDERS POINT LIGHT [38.88, -76.48]

02/03/23 07:42 EST	0	Marine Thunderstorm Wind (MG 35 kt)
02/03/23 07:42 EST	0	Source: Buoy

A wind gust of 35 knots (40 MPH) was measured by the Saunders Point Light WeatherFlow sensor.

A cold front caused a squall that resulted in several gale-force wind gusts.

MARYLAND, Central

(MD-Z001) GARRETT

02/03/23 06:00 EST	0	Cold/Wind Chill
02/04/23 07:00 EST	0	

A cold northwest wind behind an arctic cold front caused wind chills to continue to range between -10 and -20 degrees during the afternoon of the 3rd into the morning of the 4th.

(MD-Z001) GARRETT, (MD-Z501) EXTREME WESTERN ALLEGANY

02/22/23 04:00 EST	0	Winter Weather
02/22/23 18:00 EST	0	

A wave of wintry precipitation developed over the region with temperatures at or just below freezing. This resulted in a period of freezing rain. Ice accumulations totaled a few hundredths to one tenth of an inch.

VIRGINIA, North

(VA-Z025) AUGUSTA, (VA-Z026) ROCKINGHAM, (VA-Z029) PAGE, (VA-Z503) WESTERN HIGHLAND, (VA-Z504) EASTERN HIGHLAND, (VA-Z508) CENTRAL VIRGINIA BLUE RIDGE

02/01/23 00:00 EST	0	Winter Weather
02/01/23 06:30 EST	0	

A wave of wintry precipitation developed to the north of an area of low pressure with temperatures falling below freezing. This resulted in a period of freezing drizzle which then changed to snow. Ice accumulations totaled a coating to a few hundredths of an inch and snow accumulations totaled a coating to one inch.

(VA-Z503) WESTERN HIGHLAND, (VA-Z507) NORTHERN VIRGINIA BLUE RIDGE, (VA-Z508) CENTRAL VIRGINIA BLUE RIDGE

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	02/03/23 06:00 EST		0	Cold/Wind Chill
	02/04/23 07:00 EST		0	

A cold northwest wind behind an arctic cold front caused wind chills to continue to range between -10 and -20 degrees during the afternoon of the 3rd into the morning of the 4th.

(VA-Z025) AUGUSTA, (VA-Z026) ROCKINGHAM, (VA-Z503) WESTERN HIGHLAND, (VA-Z504) EASTERN HIGHLAND, (VA-Z507) NORTHERN VIRGINIA BLUE RIDGE

02/12/23 07:00 EST	0	Winter Weather
02/13/23 00:00 EST	0	

An area of low pressure moved through North Carolina before tracking northeast off the coast of Virginia. North of the area of low pressure, a mixture of snow, sleet, and freezing rain developed. Ice accumulations totaled a few hundredths to two tenths of an inch and snow accumulations totaled a coating to four inches. The greatest impacts were above 2,000 ft AGL, where numerous trees were downed due to the ice. Several accidents and isolated power outages were reported.

(VA-Z508) CENTRAL VIRGINIA BLUE RIDGE

02/12/23 07:00 EST	0	Winter Storm
02/13/23 00:00 EST	0	

An area of low pressure moved through North Carolina before tracking northeast off the coast of Virginia. North of the area of low pressure, a mixture of snow, sleet, and freezing rain developed. Ice accumulations totaled two to five tenths of an inch and snow accumulations totaled a coating to four inches. Numerous trees were downed due to the ice. Several accidents and scattered power outages were reported.

(VA-Z025) AUGUSTA, (VA-Z026) ROCKINGHAM, (VA-Z503) WESTERN HIGHLAND, (VA-Z504) EASTERN HIGHLAND, (VA-Z507) NORTHERN VIRGINIA BLUE RIDGE, (VA-Z508) CENTRAL VIRGINIA BLUE RIDGE

02/25/23 08:00 EST	0	Winter Weather
02/25/23 14:00 EST	0	

A wave of wintry precipitation developed to the north of a frontal boundary with temperatures near or just below freezing. This resulted in a period of freezing rain, sleet, and snow. Ice accumulations totaled a coating to a few hundredths of an inch and snow accumulations totaled a coating to one inch.

WEST VIRGINIA, East

(WV-Z505) WESTERN PENDLETON

02/03/23 06:00 EST	0	Cold/Wind Chill
02/04/23 07:00 EST	0	

A cold northwest wind behind an arctic cold front caused wind chills to continue to range between -10 and -20 degrees during the afternoon of the 3rd into the morning of the 4th.

(WV-Z505) WESTERN PENDLETON, (WV-Z506) EASTERN PENDLETON

02/12/23 07:00 EST	0	Winter Weather
02/12/23 22:15 EST	0	

An area of low pressure moved through North Carolina before tracking northeast off the coast of Virginia. North of the area of low pressure, a mixture of snow, sleet, and freezing rain developed. Ice accumulations totaled a few hundredths to two tenths of an inch and snow accumulations totaled a coating to four inches. The greatest impacts were above 2,000 ft AGL, where numerous trees were downed due to the ice. Several accidents and isolated power outages were reported.

(WV-Z505) WESTERN PENDLETON, (WV-Z506) EASTERN PENDLETON

02/25/23 08:00 EST	0	Winter Weather
02/25/23 14:00 EST	0	

A wave of wintry precipitation developed to the north of a frontal boundary with temperatures near or just below freezing. This resulted in a period of freezing rain, sleet, and snow. Ice accumulations totaled a coating to a few hundredths of an inch and snow accumulations totaled a coating to one inch.