

Storm Data and Unusual Weather Phenomena - January 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
ATLANTIC NORTH				
CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- ANNAPOLIS BUOY (44063) [38.96, -76.45]				
	01/13/23 06:36 EST		0	Marine Thunderstorm Wind (MG 41 kt)
	01/13/23 06:36 EST		0	Source: Buoy
A wind gust of 41 knots (47 MPH) was measured by the Annapolis CBIBS sensor (44063).				
CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- 1.8 WNW THOMAS POINT (TPLM2) [38.91, -76.47]				
	01/13/23 06:40 EST		0	Marine Thunderstorm Wind (MG 42 kt)
	01/13/23 06:50 EST		0	Source: Mesonet
Wind gusts of up to 42 knots (48 MPH) were measured by a mesonet on Thomas Point Road adjacent to the Chesapeake Bay.				
CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- THOMAS POINT (TPLM2) [38.90, -76.44]				
	01/13/23 06:46 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	01/13/23 06:46 EST		0	Source: Buoy
A squall produced an estimated wind gust to 34 knots (39 MPH) near the Thomas Point NOS sensor (TPLM2).				
CHESAPEAKE BAY POOLES IS TO SANDY PT MD COUNTY --- TOLCHESTER MD (TCBM2) [39.21, -76.24]				
	01/13/23 06:54 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	01/13/23 06:54 EST		0	Source: Buoy
A squall produced an estimated wind gust to 34 knots (39 MPH) near the Tolchester Beach NOS sensor (TCBM2).				
A cold front produced a squall that resulted in several gale-force wind gusts.				
MARYLAND, Central				
(MD-Z001) GARRETT, (MD-Z501) EXTREME WESTERN ALLEGANY				
	01/08/23 16:00 EST		0	Winter Weather
	01/09/23 04:00 EST		0	
A wave of wintry precipitation developed over the region with temperatures at or just below freezing. This resulted in a period of snow, sleet, and freezing rain. Snow/sleet accumulations totaled a few tenths to two inches and ice accumulations totaled a few hundredths to one tenth of an inch. This led to several accidents.				
(MD-Z001) GARRETT				
	01/20/23 07:00 EST		0	Winter Weather
	01/21/23 01:00 EST		0	
A prolonged period of northwest flow resulted in snow showers that accumulated one to three inches. Winds gusted to 40-50 mph resulting in periods of blowing snow. During the evening of January 20th, light freezing drizzle mixed in with the snow and produced a coating of ice.				
(MD-Z001) GARRETT, (MD-Z501) EXTREME WESTERN ALLEGANY, (MD-Z502) CENTRAL AND EASTERN ALLEGANY				
	01/22/23 12:00 EST		0	Winter Weather
	01/23/23 01:00 EST		0	
A wave of wintry precipitation developed over the region with temperatures at or just below freezing. This resulted in a period of sleet and freezing rain. Sleet accumulations totaled a coating to a few tenths and ice accumulations totaled a few hundredths to one tenth of an inch.				
(MD-Z004) FREDERICK				
	01/23/23 02:00 EST		0	Winter Weather
	01/23/23 08:00 EST		0	

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A departing area of low pressure brought cold air into the area and changed precipitation from rain to snow. Total snow accumulations of one to four inches were observed across the higher elevations (generally above 800 feet).

(MD-Z001) GARRETT

	01/23/23 04:00 EST	0		Winter Weather
	01/23/23 18:00 EST	0		

Upslope snow showers behind a departing low pressure system resulted in snowfall accumulations of two to four inches with a trace of ice as freezing drizzle mixed in at times.

(MD-Z501) EXTREME WESTERN ALLEGANY, (MD-Z502) CENTRAL AND EASTERN ALLEGANY

	01/25/23 05:00 EST	0		Winter Storm
	01/25/23 19:00 EST	0		

A wave of wintry precipitation along a warm front moved through the region bringing snow accumulations of four to seven inches and a coating of sleet and freezing rain. The snow was heavy at times and visibilities were reduced below one quarter of a mile. Several car accidents were reported.

(MD-Z001) GARRETT, (MD-Z003) WASHINGTON, (MD-Z004) FREDERICK

	01/25/23 05:00 EST	0		Winter Weather
	01/25/23 19:00 EST	0		

A wave of wintry precipitation along a warm front moved through the region bringing snow, sleet, and freezing rain that eventually changed over to rain.

(MD-Z001) GARRETT

	01/26/23 04:00 EST	0		Winter Storm
	01/27/23 04:00 EST	0		

Northwest flow brought periods of upslope snow showers and snow squalls that resulted in snow accumulations of four to eight inches along the western slopes. Winds gusted to 25 to 45 mph at times resulting in periods of blowing and drifting snow.

(MD-Z501) EXTREME WESTERN ALLEGANY, (MD-Z502) CENTRAL AND EASTERN ALLEGANY

	01/26/23 18:15 EST	0		Winter Weather
	01/26/23 19:15 EST	0		

A snow squall with visibilities less than one quarter of a mile and winds gusting in excess of 30 mph quickly accumulated up to one inch of snow in southwestern Allegany County, MD.

(MD-Z001) GARRETT

	01/30/23 19:00 EST	0		Winter Weather
	01/31/23 07:00 EST	0		

A wave of wintry precipitation developed along a slow moving frontal boundary with temperatures falling below freezing. This resulted in a period of freezing rain which then changed to snow. Ice accumulations totaled a few hundredths to one tenth of an inch and snow accumulations totaled a coating to one inch.

(MD-Z001) GARRETT, (MD-Z502) CENTRAL AND EASTERN ALLEGANY

	01/31/23 18:00 EST	0		Winter Weather
	01/31/23 23:59 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 around one inch.

VIRGINIA, North

(VA-Z025) AUGUSTA, (VA-Z026) ROCKINGHAM, (VA-Z027) SHENANDOAH, (VA-Z029) PAGE, (VA-Z036) NELSON, (VA-Z503) WESTERN HIGHLAND, (VA-Z504) EASTERN HIGHLAND, (VA-Z507) NORTHERN VIRGINIA BLUE RIDGE, (VA-Z508) CENTRAL VIRGINIA BLUE RIDGE

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	01/08/23 10:00 EST		0	Winter Weather
	01/09/23 00:00 EST		0	

A wave of wintry precipitation developed over the region with temperatures at or just below freezing. This resulted in a period of snow, sleet, and freezing rain. Snow/sleet accumulations totaled a few tenths to two inches and ice accumulations totaled a few hundredths to one tenth of an inch. This led to several accidents.

(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

01/22/23 09:00 EST	0	Winter Weather
01/22/23 19:00 EST	0	

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

(VA-Z025) AUGUSTA, (VA-Z026) ROCKINGHAM, (VA-Z027) SHENANDOAH, (VA-Z028) FREDERICK, (VA-Z029) PAGE, (VA-Z503) WESTERN HIGHLAND, (VA-Z504) EASTERN HIGHLAND, (VA-Z507) NORTHERN VIRGINIA BLUE RIDGE, (VA-Z508) CENTRAL VIRGINIA BLUE RIDGE

01/25/23 05:00 EST	0	Winter Weather
01/25/23 16:00 EST	0	

A wave of wintry precipitation along a warm front moved through the region bringing snow, sleet, and freezing rain that eventually changed over to rain.

(VA-Z503) WESTERN HIGHLAND

01/26/23 06:00 EST	0	Winter Weather
01/27/23 04:00 EST	0	

Northwest flow brought a period of upslope snow showers and snow squalls that resulted in snow accumulations of one to four inches along the western slopes. Winds gusted 25 to 45 mph at times resulting in periods of blowing and drifting snow.

(VA-Z503) WESTERN HIGHLAND

01/29/23 05:00 EST	0	Winter Weather
01/29/23 10:00 EST	0	

Light rain developed over the region with temperatures at or just below freezing. This resulted in a period of freezing rain before temperatures warmed and precipitation changed to all rain. Ice accumulations totaled a glaze to a couple hundredths of an inch.

(VA-Z027) SHENANDOAH, (VA-Z030) WARREN, (VA-Z507) NORTHERN VIRGINIA BLUE RIDGE

01/31/23 19:00 EST	0	Winter Weather
01/31/23 23:59 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.

WEST VIRGINIA, East

(WV-Z055) HARDY, (WV-Z501) WESTERN GRANT, (WV-Z502) EASTERN GRANT, (WV-Z503) WESTERN MINERAL, (WV-Z505) WESTERN PENDLETON, (WV-Z506) EASTERN PENDLETON

01/08/23 12:00 EST	0	Winter Weather
01/09/23 04:00 EST	0	

A wave of wintry precipitation developed over the region with temperatures at or just below freezing. This resulted in a period of snow, sleet, and freezing rain. Snow/sleet accumulations totaled a few tenths to two inches and ice accumulations totaled a few hundredths to one tenth of an inch. This led to several accidents.

(WV-Z501) WESTERN GRANT, (WV-Z505) WESTERN PENDLETON

01/20/23 07:00 EST	0	Winter Weather
01/21/23 01:00 EST	0	

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A prolonged period of northwest flow resulted in snow showers that accumulated one to three inches. Winds gusted to 40-50 mph resulting in periods of blowing snow. During the evening of January 20th, light freezing drizzle mixed in with the snow and produced a coating of ice.

(WV-Z050) HAMPSHIRE, (WV-Z055) HARDY, (WV-Z501) WESTERN GRANT, (WV-Z502) EASTERN GRANT, (WV-Z503) WESTERN MINERAL, (WV-Z504) EASTERN MINERAL, (WV-Z505) WESTERN PENDLETON, (WV-Z506) EASTERN PENDLETON

01/22/23 09:00 EST	0	Winter Weather
01/23/23 01:00 EST	0	

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

(WV-Z501) WESTERN GRANT, (WV-Z505) WESTERN PENDLETON

01/23/23 04:00 EST	0	Winter Weather
01/23/23 18:00 EST	0	

Upslope snow showers behind a departing low pressure system resulted in snowfall accumulations of two to four inches with a trace of ice as freezing drizzle mixed in at times.

(WV-Z050) HAMPSHIRE, (WV-Z051) MORGAN, (WV-Z503) WESTERN MINERAL, (WV-Z504) EASTERN MINERAL

01/25/23 05:00 EST	0	Winter Storm
01/25/23 19:00 EST	0	

A wave of wintry precipitation along a warm front moved through the region bringing snow accumulations of four to seven inches and a coating of sleet and freezing rain. The snow was heavy at times and visibilities were reduced below one quarter of a mile. Several car accidents were reported.

(WV-Z052) BERKELEY, (WV-Z055) HARDY, (WV-Z501) WESTERN GRANT, (WV-Z502) EASTERN GRANT, (WV-Z505) WESTERN PENDLETON, (WV-Z506) EASTERN PENDLETON

01/25/23 05:00 EST	0	Winter Weather
01/25/23 16:00 EST	0	

A wave of wintry precipitation along a warm front moved through the region bringing snow, sleet, and freezing rain that eventually changed over to rain.

(WV-Z501) WESTERN GRANT, (WV-Z505) WESTERN PENDLETON

01/26/23 04:00 EST	0	Winter Weather
01/27/23 04:00 EST	0	

Northwest flow brought a period of upslope snow showers that resulted in snow accumulations of two to five inches along the western slopes. Winds gusted 25 to 45 mph at times resulting in periods of blowing and drifting snow.

(WV-Z503) WESTERN MINERAL, (WV-Z504) EASTERN MINERAL

01/26/23 18:15 EST	0	Winter Weather
01/26/23 19:15 EST	0	

A snow squall with visibilities less than one quarter of a mile and winds gusting in excess of 30 mph quickly accumulated up to one inch of snow in western and central Mineral County, WV.

(WV-Z505) WESTERN PENDLETON

01/29/23 05:00 EST	0	Winter Weather
01/29/23 10:00 EST	0	

Light rain developed over the region with temperatures at or just below freezing. This resulted in a period of freezing rain before temperatures warmed and precipitation changed to all rain. Ice accumulations totaled a glaze to a couple hundredths of an inch.

(WV-Z501) WESTERN GRANT, (WV-Z505) WESTERN PENDLETON

01/30/23 19:00 EST	0	Winter Weather
01/31/23 10:00 EST	0	

A wave of wintry precipitation developed along a slow moving frontal boundary with temperatures falling below freezing. This resulted

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in a period of freezing rain which then changed to snow. Ice accumulations totaled a few hundredths to one tenth of an inch and snow accumulations totaled a coating to one inch.

(WV-Z050) HAMPSHIRE, (WV-Z055) HARDY, (WV-Z501) WESTERN GRANT, (WV-Z502) EASTERN GRANT, (WV-Z503) WESTERN MINERAL, (WV-Z504) EASTERN MINERAL, (WV-Z505) WESTERN PENDLETON, (WV-Z506) EASTERN PENDLETON

	01/31/23 21:58 EST	0	0	Winter Weather
	01/31/23 23:59 EST	0	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 around one inch.