

## Storm Data and Unusual Weather Phenomena - January 2025

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>ATLANTIC NORTH</b>				
<b>TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- (DCA)REAGAN NATIONAL AIRPORT [38.86, -77.03]</b>				
	01/03/25 15:30 EST	0		Marine Thunderstorm Wind (MG 35 kt)
	01/03/25 15:33 EST	0		Source: ASOS
Wind gusts of up to 35 knots (40 MPH) were measured by the ASOS at Ronald Reagan Washington National Airport (KDCA) adjacent to the tidal Potomac River.				
<b>TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- OCCOQUAN RIVER (OCC) [38.64, -77.22]</b>				
	01/03/25 15:43 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	01/03/25 15:48 EST	0		Source: Mesonet
A squall produced estimated wind gusts to 34 knots (39 MPH) near the Occoquan River WeatherFlow sensor (XOCC).				
<b>TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- 3.8 SSE OCCOQUAN RIVER (OCC) [38.59, -77.19]</b>				
	01/03/25 15:50 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	01/03/25 15:50 EST	0		Source: Mesonet
A squall produced an estimated wind gust to 34 knots (39 MPH) near a Tempest station on Water Tower Way adjacent to the tidal Potomac River.				
<b>TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- POTOMAC LIGHT 33 (LT3) [38.34, -76.99]</b>				
	01/03/25 16:15 EST	0		Marine Thunderstorm Wind (MG 37 kt)
	01/03/25 16:30 EST	0		Source: Mesonet
Wind gusts of up to 37 knots (43 MPH) were measured by the Potomac Light 33 WeatherFlow sensor (XP33).				
<b>TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- TOWER 70 (T70) [38.33, -77.02]</b>				
	01/03/25 16:16 EST	0		Marine Thunderstorm Wind (MG 34 kt)
	01/03/25 16:21 EST	0		Source: Mesonet
Wind gusts of up to 34 knots (39 MPH) were measured by the Tower 70 WeatherFlow sensor (XT70).				
<b>TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- BABER POINT (BAB) [38.31, -77.03]</b>				
	01/03/25 16:20 EST	0		Marine Thunderstorm Wind (MG 40 kt)
	01/03/25 16:30 EST	0		Source: Mesonet
Wind gusts of up to 40 knots (46 MPH) were measured by the Baber Point WeatherFlow sensor (XBAB).				
<b>TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- PYLONS DAHLGREN (PYL) [38.31, -77.00]</b>				
	01/03/25 16:21 EST	0		Marine Thunderstorm Wind (MG 41 kt)
	01/03/25 16:31 EST	0		Source: Mesonet
Wind gusts of up to 41 knots (47 MPH) were measured by the Pylons Dahlgren WeatherFlow sensor (XPYL).				
<b>TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- CUCKOLD CREEK (CCK) [38.31, -76.93]</b>				
	01/03/25 16:23 EST	0		Marine Thunderstorm Wind (MG 39 kt)
	01/03/25 16:38 EST	0		Source: Mesonet
Wind gusts of up to 39 knots (45 MPH) were measured by the Cuckold Creek WeatherFlow sensor (XCCK).				
<b>TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- MONROE CREEK (MON) [38.23, -76.95]</b>				
	01/03/25 16:34 EST	0		Marine Thunderstorm Wind (MG 36 kt)
	01/03/25 16:34 EST	0		Source: Mesonet
Wind gusts of up to 36 knots (41 MPH) were measured by the Monroe Creek WeatherFlow sensor (XMON).				
<b>CHOPTANK RIVER TO CAMBRIDGE MD AND THE LITTLE CHOPTANK RIVER COUNTY --- BLACKWALNUT HARBOR (BWH) [38.68, -76.33]</b>				
	01/03/25 16:38 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	01/03/25 16:43 EST	0		Source: Mesonet

## Storm Data and Unusual Weather Phenomena - January 2025

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
A squall produced estimated wind gusts to 34 knots (39 MPH) near the Blackwalnut Harbor WeatherFlow sensor (XBWH).				
<b>CHESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY --- 4.6 S MID BAY BUOY [38.40, -76.39]</b>				
	01/03/25 16:48 EST		0	Marine Thunderstorm Wind (MG 50 kt)
	01/03/25 17:06 EST		0	Source: Mesonet
Wind gusts of up to 50 knots (58 MPH) were measured by the Cove Point NOS sensor (COVM2).				
<b>CHOPTANK RIVER TO CAMBRIDGE MD AND THE LITTLE CHOPTANK RIVER COUNTY --- 0.9 NE CAMBRIDGE (CAMM2) [38.58, -76.06]</b>				
	01/03/25 17:00 EST		0	Marine Thunderstorm Wind (MG 37 kt)
	01/03/25 17:00 EST		0	Source: Mesonet
A wind gust of 37 knots (43 MPH) was measured by a mesonet on the US-50 Choptank River Bridge (MD004).				
<b>CHOPTANK RIVER TO CAMBRIDGE MD AND THE LITTLE CHOPTANK RIVER COUNTY --- CAMBRIDGE (CAMM2) [38.57, -76.07]</b>				
	01/03/25 17:00 EST		0	Marine Thunderstorm Wind (MG 38 kt)
	01/03/25 17:12 EST		0	Source: Mesonet
Wind gusts of up to 38 knots (44 MPH) were measured by the Cambridge/Eaton Point Light NOS sensor (CAMM2).				
A strong cold front spawned a line of snow squalls that result in localized gale- to storm-force winds.				
<b>DISTRICT OF COLUMBIA</b>				
<b>(DC-Z001) DISTRICT OF COLUMBIA</b>				
	01/03/25 15:27 EST		0	Winter Weather
	01/03/25 16:19 EST		0	
An area of low pressure moved off into New England bringing a cold front through Virginia. Snow showers and squalls along the front brought snow accumulations of a coating to an inch.				
<b>(DC-Z001) DISTRICT OF COLUMBIA</b>				
	01/05/25 22:00 EST		0	Winter Storm
	01/06/25 22:27 EST		0	
An area of low pressure tracked across southern Virginia bringing the first widespread accumulating snow of the season. Snow overspread the area during the late evening hours of January 5th into the overnight. Snow overspread the area during the late evening hours of January 5th into the overnight. This continued steady through mid-morning. A lull occurred during the afternoon with a few snow showers. Another round of snow on the back side of the upper level low moved in during the evening bringing additional accumulations. This resulted in of 7 to 10 inches of snow across the District of Columbia. Winds gusted to 45 mph resulting in blowing snow at the end of the storm.				
<b>(DC-Z001) DISTRICT OF COLUMBIA</b>				
	01/10/25 22:00 EST		0	Winter Weather
	01/11/25 05:06 EST		0	
An area of low pressure tracked south of the region across the Carolinas. This brought a period of light to moderate snow to the District of Columbia during the late evening hours of January 10th through the predawn of January 11th. Snowfall accumulations ranged 1 to 2 inches.				
<b>(DC-Z001) DISTRICT OF COLUMBIA</b>				
	01/20/25 04:00 EST		0	Cold/Wind Chill
	01/22/25 11:00 EST		0	
Arctic air moved in behind a departing low pressure system on January 20. This Arctic air remained overhead as high pressure dominated through January 22. Winds gusted to 25-35 mph at times bringing apparent temperatures/wind chill values as low as -10F across the District of Columbia. Air temperatures fell into the single digits at night.				

## Storm Data and Unusual Weather Phenomena - January 2025

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
MARYLAND, Central				
(MD-Z001) GARRETT, (MD-Z501) EXTREME WESTERN ALLEGANY				
	01/01/25 01:00 EST		0	Winter Weather
	01/02/25 05:00 EST		0	
An area of low pressure moved over the Alleghenies bringing a period of snow on January 1st. As this system pulled off to the northeast, snow showers and squalls continued through the day and into the overnight. Snowfall totals of two to five inches were observed, with the higher amounts across Garrett County, Maryland.				
(MD-Z001) GARRETT				
	01/03/25 06:00 EST		0	Winter Storm
	01/04/25 10:00 EST		0	
(MD-Z005) CARROLL, (MD-Z013) PRINCE GEORGES, (MD-Z014) ANNE ARUNDEL, (MD-Z016) CHARLES, (MD-Z018) CALVERT, (MD-Z501) EXTREME WESTERN ALLEGANY, (MD-Z503) NORTHWEST MONTGOMERY, (MD-Z504) CENTRAL AND SOUTHEAST MONTGOMERY, (MD-Z505) NORTHWEST HOWARD, (MD-Z506) CENTRAL AND SOUTHEAST HOWARD				
	01/03/25 06:00 EST		0	Winter Weather
	01/04/25 00:00 EST		0	
An area of low pressure moved off into New England bringing a cold front through Maryland. Upslope snow showers and squalls ensued in western Maryland bringing accumulations of six to ten inches. Snow showers and squalls along the front impacted portions of the rest of the state bringing accumulations of a coating to two inches.				
(MD-Z001) GARRETT, (MD-Z003) WASHINGTON, (MD-Z004) FREDERICK, (MD-Z005) CARROLL, (MD-Z006) NORTHERN BALTIMORE, (MD-Z011) SOUTHERN BALTIMORE, (MD-Z013) PRINCE GEORGES, (MD-Z014) ANNE ARUNDEL, (MD-Z016) CHARLES, (MD-Z017) ST. MARY'S, (MD-Z018) CALVERT, (MD-Z501) EXTREME WESTERN ALLEGANY, (MD-Z502) CENTRAL AND EASTERN ALLEGANY, (MD-Z503) NORTHWEST MONTGOMERY, (MD-Z504) CENTRAL AND SOUTHEAST MONTGOMERY, (MD-Z505) NORTHWEST HOWARD, (MD-Z506) CENTRAL AND SOUTHEAST HOWARD, (MD-Z508) SOUTHEAST HARFORD				
	01/05/25 18:00 EST		0	Winter Storm
	01/07/25 06:00 EST		0	
(MD-Z008) CECIL, (MD-Z507) NORTHWEST HARFORD				
	01/05/25 22:00 EST		0	Winter Weather
	01/06/25 22:27 EST		0	
An area of low pressure tracked across southern Virginia bringing the first widespread accumulating snow of the season. Snow overspread the area during the late evening hours of January 5th into the overnight. This continued steady through mid-morning. A lull occurred during the afternoon with a few snow showers. Another round of snow on the back side of the upper level low moved in during the evening bringing additional accumulations. This resulted in a swath of 6 to 12 inches of snow to the state. The higher totals were in western Maryland (Garrett/Allegany counties) and southern Maryland (Charles/Calvert/St. Mary's). Lesser amounts of 3-6 inches were observed in Harford and Cecil counties. Winds gusted to 45 mph resulting in blowing snow at the end of the storm.				
(MD-Z001) GARRETT, (MD-Z501) EXTREME WESTERN ALLEGANY				
	01/07/25 11:06 EST		0	Winter Weather
	01/09/25 12:00 EST		0	
A long duration period of upslope snow in moist northwest flow off of the Great Lakes resulted in 3 day snow accumulations of 4 to 12 inches across western Maryland, with the higher amounts west of US-219. Winds gusted to 50 mph at times resulting in significant blowing and drifting of snow.				
(MD-Z001) GARRETT				
	01/08/25 22:00 EST		0	Extreme Cold/Wind Chill
	01/09/25 10:00 EST		0	
Canadian high pressure coupled with wind gusts of 20-25 mph resulted in apparent temperature values of -10 to -20F across the higher terrain of Maryland.				
(MD-Z001) GARRETT, (MD-Z004) FREDERICK, (MD-Z005) CARROLL, (MD-Z006) NORTHERN BALTIMORE, (MD-Z011) SOUTHERN BALTIMORE, (MD-Z013) PRINCE GEORGES, (MD-Z014) ANNE ARUNDEL, (MD-Z017) ST. MARY'S, (MD-Z503) NORTHWEST MONTGOMERY, (MD-Z504) CENTRAL AND SOUTHEAST MONTGOMERY, (MD-Z505) NORTHWEST HOWARD, (MD-Z506) CENTRAL AND SOUTHEAST HOWARD, (MD-Z507) NORTHWEST HARFORD				

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	01/10/25 19:00 EST		0	Winter Weather
	01/11/25 18:51 EST		0	

An area of low pressure tracked south of the region across the Carolinas. This brought a period of light to moderate snow to Maryland during the late evening hours of January 10th through the predawn of January 11th. Upslope snow showers continued through the day of January 11th across western Maryland. Snowfall accumulations ranged 1 to 3 inches for most, with 3 to 6 inches across western Maryland.

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**(MD-Z001) GARRETT**

01/14/25 01:00 EST	0	Cold/Wind Chill
01/14/25 11:00 EST	0	

Arctic high pressure settled over the region with wind gusts up to 25 mph. This resulted in apparent temperatures of -10 to -24 degrees.

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**(MD-Z001) GARRETT**

01/14/25 13:00 EST	0	Winter Weather
01/15/25 07:00 EST	0	

A clipper system brought a period of light to moderate snow to western Maryland starting during the afternoon of January 14th. This gave way to snow showers and squalls during the evening hours. Considerable blowing and drifting of snow occurred overnight as winds gusted to 45 mph.

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

01/14/25 18:00 EST	0	Cold/Wind Chill
01/15/25 12:00 EST	0	

Artic high pressure remained over the area with wind gusts to 25 mph. This resulted in minimum apparent temperature values of -10 to -24F.

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**(MD-Z001) GARRETT**

01/16/25 07:00 EST	0	Winter Storm
01/17/25 04:55 EST	0	

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**(MD-Z501) EXTREME WESTERN ALLEGANY**

01/16/25 09:00 EST	0	Winter Weather
01/17/25 01:00 EST	0	

A clipper system brought a period of light to moderate snow during the morning of January 16. Through the afternoon and evening, snow showers and squalls developed. These brought quick accumulations. Overnight, light snow mixed with freezing rain continued. Overall snow accumulations averaged 4 to 7 inches along with a coating of ice across Garrett County. Lesser amounts of 2 to 5 inches were observed in western Allegany County along with a coating of ice.

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**(MD-Z001) GARRETT, (MD-Z003) WASHINGTON, (MD-Z004) FREDERICK, (MD-Z501) EXTREME WESTERN ALLEGANY, (MD-Z502) CENTRAL AND EASTERN ALLEGANY**

01/19/25 03:00 EST	0	Winter Storm
01/20/25 09:00 EST	0	

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**(MD-Z005) CARROLL, (MD-Z006) NORTHERN BALTIMORE, (MD-Z008) CECIL, (MD-Z011) SOUTHERN BALTIMORE, (MD-Z503) NORTHWEST MONTGOMERY, (MD-Z505) NORTHWEST HOWARD, (MD-Z506) CENTRAL AND SOUTHEAST HOWARD, (MD-Z507) NORTHWEST HARFORD, (MD-Z508) SOUTHEAST HARFORD**

01/19/25 07:00 EST	0	Winter Weather
01/19/25 19:00 EST	0	

An area of low pressure moved across southern Virginia bringing a period of snow during the daylight hours of January 19. Upslope snow showers continued overnight across western Maryland. Rain and sleet mixed in initially at the onset of precipitation. Snowfall accumulations averaged 4 to 7 inches across from eastern Allegany County to Frederick County. Lesser amounts of 2 to 5 inches were observed in the northwest District of Columbia suburbs to northeast Maryland. Amounts of 6 to 12 inches were observed in western Allegany County, with up to 18 inches reported in Garrett County. Winds gusted to 45 mph in western Maryland resulting in significant blowing and drifting snow.

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**(MD-Z001) GARRETT, (MD-Z003) WASHINGTON, (MD-Z004) FREDERICK, (MD-Z005) CARROLL, (MD-Z006) NORTHERN BALTIMORE, (MD-Z008)**

## Storm Data and Unusual Weather Phenomena - January 2025

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
CECIL, (MD-Z011) SOUTHERN BALTIMORE, (MD-Z013) PRINCE GEORGES, (MD-Z014) ANNE ARUNDEL, (MD-Z501) EXTREME WESTERN ALLEGANY, (MD-Z502) CENTRAL AND EASTERN ALLEGANY, (MD-Z503) NORTHWEST MONTGOMERY, (MD-Z504) CENTRAL AND SOUTHEAST MONTGOMERY, (MD-Z505) NORTHWEST HOWARD, (MD-Z506) CENTRAL AND SOUTHEAST HOWARD, (MD-Z507) NORTHWEST HARFORD, (MD-Z508) SOUTHEAST HARFORD				

01/20/25 04:00 EST	0	Cold/Wind Chill
01/23/25 10:00 EST	0	

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

01/20/25 04:00 EST	0	Extreme Cold/Wind Chill
01/22/25 13:13 EST	0	

Arctic air moved in behind a departing low pressure system on January 20. This Arctic air remained overhead as high pressure dominated through January 23. Winds gusted to 25-45 mph at times bringing apparent temperatures/wind chill values as low as -30F across the higher terrain of western Maryland and as low as -15F across the rest of the state. Air temperatures fell into the single digits if not negative single digits for several nights.

### (MD-Z004) FREDERICK

01/20/25 08:43 EST	0	Winter Weather
01/20/25 09:30 EST	0	

Northwest flow off the Great Lakes resulted in a few snow streamers making it into central and northern Maryland. A general coating to an inch was reported under these, with upwards of two inches across the higher elevations of the Catoctins. Visibilities were reduced to less than one quarter of a mile and winds gusted to 25 mph.

### (MD-Z003) WASHINGTON, (MD-Z005) CARROLL, (MD-Z502) CENTRAL AND EASTERN ALLEGANY

01/29/25 07:00 EST	0	High Wind (MAX 52 kt)
01/29/25 16:00 EST	0	

Strong northwest winds that persisted behind a departing cold front produced high winds across western Maryland.

## VIRGINIA, North

### (VA-Z503) WESTERN HIGHLAND

01/01/25 04:00 EST	0	Winter Weather
01/02/25 01:00 EST	0	

An area of low pressure moved over the Alleghenies bringing a period of snow on January 1st. As this system pulled off to the northeast, snow showers and squalls continued through the day and into the overnight. Snowfall totals of two to four inches were observed.

### (VA-Z027) SHENANDOAH, (VA-Z028) FREDERICK, (VA-Z030) WARREN, (VA-Z053) FAIRFAX, (VA-Z054) ARLINGTON, (VA-Z501) NORTHERN FAUQUIER, (VA-Z503) WESTERN HIGHLAND, (VA-Z505) WESTERN LOUDOUN, (VA-Z506) EASTERN LOUDOUN

01/03/25 06:00 EST	0	Winter Weather
01/04/25 00:00 EST	0	

An area of low pressure moved off into New England bringing a cold front through Virginia. Upslope snow showers and squalls ensued in western Highland County bringing accumulations of three to six inches. Snow showers and squalls along the front impacted portions of the rest of the state bringing accumulations of a coating to two inches.

### (VA-Z503) WESTERN HIGHLAND

01/03/25 19:00 EST	0	Cold/Wind Chill
01/05/25 06:00 EST	0	

Canadian high pressure moved in behind a departing area of low pressure. This resulted in gusty northwest winds of 30-35 mph. Apparent temperatures fell to as low as -15F.

### (VA-Z025) AUGUSTA, (VA-Z026) ROCKINGHAM, (VA-Z027) SHENANDOAH, (VA-Z028) FREDERICK, (VA-Z029) PAGE, (VA-Z030) WARREN, (VA-Z031) CLARKE, (VA-Z036) NELSON, (VA-Z037) ALBEMARLE, (VA-Z038) GREENE, (VA-Z039) MADISON, (VA-Z040) RAPPAHANNOCK, (VA-Z050) ORANGE, (VA-Z051) CULPEPER, (VA-Z053) FAIRFAX, (VA-Z054) ARLINGTON, (VA-Z055) STAFFORD, (VA-Z056) SPOTSYLVANIA, (VA-Z057) KING GEORGE, (VA-Z501) NORTHERN FAUQUIER, (VA-Z502) SOUTHERN FAUQUIER, (VA-Z503) WESTERN HIGHLAND, (VA-Z504) EASTERN HIGHLAND, (VA-Z505)

## Storm Data and Unusual Weather Phenomena - January 2025

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>WESTERN LOUDOUN, (VA-Z506) EASTERN LOUDOUN, (VA-Z507) NORTHERN VIRGINIA BLUE RIDGE, (VA-Z508) CENTRAL VIRGINIA BLUE RIDGE, (VA-Z526) NORTHWEST PRINCE WILLIAM, (VA-Z527) CST AND SOUTHEAST PRINCE WILLIAM/MANASSAS/MANASSAS PARK</b>				
	01/05/25 18:00 EST		0	Winter Storm
	01/07/25 06:00 EST		0	
<p>An area of low pressure tracked across southern Virginia bringing the first widespread accumulating snow of the season. Snow overspread the area during the late evening hours of January 5th into the overnight. Snow overspread the area during the late evening hours of January 5th into the overnight. This continued steady through mid-morning. A lull occurred during the afternoon with a few snow showers. Another round of snow on the back side of the upper level low moved in during the evening bringing additional accumulations. This resulted in a swath of 6 to 12 inches of snow, with the higher totals in the northern Shenandoah Valley east towards Prince William County. Winds gusted to 45 mph resulting in blowing snow at the end of the storm.</p>				
<b>(VA-Z503) WESTERN HIGHLAND</b>				
	01/07/25 01:00 EST		0	Extreme Cold/Wind Chill
	01/07/25 10:00 EST		0	
<p>Canadian high pressure coupled with wind gusts of 20-25 mph resulted in apparent temperatures as low as -15F.</p>				
<b>(VA-Z503) WESTERN HIGHLAND</b>				
	01/07/25 11:06 EST		0	Winter Weather
	01/09/25 11:00 EST		0	
<p>A long duration period of upslope snow in moist northwest flow off of the Great Lakes resulted in 3 day snow accumulations of 4 to 8 inches across western Highland County. Winds gusted to 50 mph at times resulting in significant blowing and drifting of snow.</p>				
<b>(VA-Z503) WESTERN HIGHLAND, (VA-Z507) NORTHERN VIRGINIA BLUE RIDGE, (VA-Z508) CENTRAL VIRGINIA BLUE RIDGE</b>				
	01/08/25 22:00 EST		0	Cold/Wind Chill
	01/09/25 10:00 EST		0	
<p>Canadian high pressure coupled with wind gusts of 20-25 mph resulted in apparent temperature values of -10 to -20F across the higher terrain of Virginia.</p>				
<b>(VA-Z036) NELSON, (VA-Z053) FAIRFAX, (VA-Z054) ARLINGTON, (VA-Z503) WESTERN HIGHLAND, (VA-Z505) WESTERN LOUDOUN, (VA-Z506) EASTERN LOUDOUN, (VA-Z508) CENTRAL VIRGINIA BLUE RIDGE, (VA-Z526) NORTHWEST PRINCE WILLIAM</b>				
	01/10/25 19:00 EST		0	Winter Weather
	01/11/25 18:51 EST		0	
<p>An area of low pressure tracked south of the region across the Carolinas. This brought a period of light to moderate snow to Virginia during the late evening hours of January 10th through the predawn of January 11th. Upslope snow showers continued through the day of January 11th across western Highland County. Snowfall accumulations ranged 1 to 3 inches for most, with 2 to 5 inches across western Highland County.</p>				
<b>(VA-Z503) WESTERN HIGHLAND</b>				
	01/14/25 01:00 EST		0	Cold/Wind Chill
	01/14/25 11:00 EST		0	
<p>Arctic high pressure settled over the region with wind gusts up to 25 mph. This resulted in apparent temperatures of -10 to -24 degrees.</p>				
<b>(VA-Z503) WESTERN HIGHLAND, (VA-Z504) EASTERN HIGHLAND, (VA-Z507) NORTHERN VIRGINIA BLUE RIDGE, (VA-Z508) CENTRAL VIRGINIA BLUE RIDGE</b>				
	01/14/25 18:00 EST		0	Cold/Wind Chill
	01/15/25 12:00 EST		0	
<p>Artic high pressure remained over the area with wind gusts to 25 mph. This resulted in minimum apparent temperature values of -10 to -24F.</p>				
<b>(VA-Z503) WESTERN HIGHLAND</b>				
	01/16/25 09:00 EST		0	Winter Weather
	01/17/25 01:00 EST		0	

A clipper system brought a period of light to moderate snow during the morning of January 16. Through the afternoon and evening, snow showers and squalls developed. These brought quick accumulations. Overnight, light snow mixed with freezing rain continued.

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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Overall snow accumulations averaged 2 to 4 inches along with a coating of ice across western Highland County.

(VA-Z025) AUGUSTA, (VA-Z026) ROCKINGHAM, (VA-Z027) SHENANDOAH, (VA-Z029) PAGE, (VA-Z030) WARREN, (VA-Z501) NORTHERN FAUQUIER, (VA-Z504) EASTERN HIGHLAND, (VA-Z505) WESTERN LOUDOUN, (VA-Z506) EASTERN LOUDOUN, (VA-Z508) CENTRAL VIRGINIA BLUE RIDGE, (VA-Z526) NORTHWEST PRINCE WILLIAM

01/19/25 07:00 EST	0	Winter Weather
01/19/25 19:00 EST	0	

(VA-Z028) FREDERICK, (VA-Z031) CLARKE, (VA-Z503) WESTERN HIGHLAND, (VA-Z507) NORTHERN VIRGINIA BLUE RIDGE

01/19/25 07:00 EST	0	Winter Storm
01/20/25 09:00 EST	0	

An area of low pressure moved across southern Virginia bringing a period of snow during the daylight hours of January 19. Upslope snow showers continued overnight across western Highland County. Rain and sleet mixed in initially areawide at the onset of precipitation. Snowfall accumulations averaged 4 to 7 inches across the northern Shenandoah Valley and northern Blue Ridge with lesser amounts if 2 to 4 inches across parts of Northern Virginia and the southern Shenandoah Valley.

(VA-Z025) AUGUSTA, (VA-Z026) ROCKINGHAM, (VA-Z027) SHENANDOAH, (VA-Z028) FREDERICK, (VA-Z029) PAGE, (VA-Z030) WARREN, (VA-Z031) CLARKE, (VA-Z036) NELSON, (VA-Z037) ALBEMARLE, (VA-Z038) GREENE, (VA-Z039) MADISON, (VA-Z040) RAPPAHANNOCK, (VA-Z050) ORANGE, (VA-Z051) CULPEPER, (VA-Z053) FAIRFAX, (VA-Z054) ARLINGTON, (VA-Z055) STAFFORD, (VA-Z056) SPOTSYLVANIA, (VA-Z501) NORTHERN FAUQUIER, (VA-Z502) SOUTHERN FAUQUIER, (VA-Z503) WESTERN HIGHLAND, (VA-Z504) EASTERN HIGHLAND, (VA-Z505) WESTERN LOUDOUN, (VA-Z506) EASTERN LOUDOUN, (VA-Z507) NORTHERN VIRGINIA BLUE RIDGE, (VA-Z508) CENTRAL VIRGINIA BLUE RIDGE, (VA-Z526) NORTHWEST PRINCE WILLIAM, (VA-Z527) CST AND SOUTHEAST PRINCE WILLIAM/MANASSAS/MANASSAS PARK

01/20/25 04:00 EST	0	Cold/Wind Chill
01/23/25 10:00 EST	0	

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

01/20/25 04:00 EST	0	Extreme Cold/Wind Chill
01/22/25 13:13 EST	0	

Arctic air moved in behind a departing low pressure system on January 20. This Arctic air remained overhead as high pressure dominated through January 23. Winds gusted to 25-45 mph at times bringing apparent temperatures/wind chill values as low as -30F across the higher terrain of the Alleghenies and Blue Ridge and as low as -15F elsewhere. Air temperatures fell into the single digits if not negative single digits for several nights.

(VA-Z031) CLARKE, (VA-Z501) NORTHERN FAUQUIER, (VA-Z505) WESTERN LOUDOUN, (VA-Z506) EASTERN LOUDOUN, (VA-Z526) NORTHWEST PRINCE WILLIAM

01/20/25 09:10 EST	0	Winter Weather
01/20/25 10:16 EST	0	

Northwest flow off the Great Lakes resulted in a few snow streamers making it into parts of Northern Virginia. A general coating to an inch was reported under these snow squalls. Visibilities were reduced to less than one quarter of a mile and winds gusted to 25 mph.

(VA-Z503) WESTERN HIGHLAND, (VA-Z504) EASTERN HIGHLAND

01/29/25 02:00 EST	0	High Wind (MAX 52 kt)
01/29/25 06:00 EST	0	

Strong northwest winds that persisted behind a departing cold front produced high winds across the mountains of western Virginia.

### WEST VIRGINIA, East

(WV-Z501) WESTERN GRANT

01/01/25 01:00 EST	0	Winter Storm
01/02/25 04:00 EST	0	

(WV-Z503) WESTERN MINERAL, (WV-Z505) WESTERN PENDLETON

01/01/25 04:00 EST	0	Winter Weather
01/02/25 01:00 EST	0	

## Storm Data and Unusual Weather Phenomena - January 2025

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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An area of low pressure moved over the Alleghenies bringing a period of snow on January 1st. As this system pulled off to the northeast, snow showers and squalls continued through the day and into the overnight. Snowfall totals of two to eight inches were observed, with the higher amounts across far western Grant County, West Virginia.

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

01/03/25 06:00 EST	0	Winter Storm
01/04/25 10:00 EST	0	

(WV-Z503) WESTERN MINERAL

01/03/25 06:00 EST	0	Winter Weather
01/04/25 00:00 EST	0	

An area of low pressure moved off into New England bringing a cold front through the eastern panhandle of West Virginia. Upslope snow showers and squalls ensued bringing accumulations of six to ten inches across western Pendleton and western Grant counties. Lesser amounts of three to six inches were observed across western Mineral County.

(WV-Z505) WESTERN PENDLETON

01/03/25 19:00 EST	0	Cold/Wind Chill
01/05/25 06:00 EST	0	

Canadian high pressure moved in behind a departing area of low pressure. This resulted in gusty northwest winds of 30-35 mph. Apparent temperatures fell to as low as -15F.

(WV-Z050) HAMPSHIRE, (WV-Z051) MORGAN, (WV-Z052) BERKELEY, (WV-Z053) JEFFERSON, (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

01/05/25 18:00 EST	0	Winter Storm
01/07/25 06:00 EST	0	

An area of low pressure tracked across southern Virginia bringing the first widespread accumulating snow of the season. Snow overspread the area during the late evening hours of January 5th into the overnight. This continued steady through mid-morning. A lull occurred during the afternoon with a few snow showers. Another round of snow on the back side of the upper level low moved in during the evening bringing additional accumulations. This resulted in a swath of 6 to 12 inches of snow to the eastern panhandle of West Virginia. Winds gusted to 45 mph resulting in blowing snow at the end of the storm.

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

01/07/25 01:00 EST	0	Cold/Wind Chill
01/07/25 10:00 EST	0	

Canadian high pressure coupled with wind gusts of 20-25 mph resulted in apparent temperatures as low as -15F.

(WV-Z501) WESTERN GRANT, (WV-Z503) WESTERN MINERAL, (WV-Z505) WESTERN PENDLETON

01/07/25 11:06 EST	0	Winter Weather
01/09/25 12:00 EST	0	

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

01/08/25 11:17 EST	0	Winter Storm
01/09/25 12:00 EST	0	

A long duration period of upslope snow in moist northwest flow off of the Great Lakes resulted in 3 day snow accumulations of 4 to 12 inches, with upwards of 18 inches across the highest peaks of the Allegheny Front. Winds gusted to 50 mph at times resulting in significant blowing and drifting of snow.

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

01/08/25 22:00 EST	0	Winter Weather
01/09/25 10:00 EST	0	

Canadian high pressure coupled with wind gusts of 20-25 mph resulted in apparent temperature values of -10 to -20F across the higher terrain of West Virginia.

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



## Storm Data and Unusual Weather Phenomena - January 2025

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	01/10/25 19:00 EST		0	Winter Weather
	01/11/25 18:51 EST		0	

An area of low pressure tracked south of the region across the Carolinas. This brought a period of light to moderate snow to the mountains of West Virginia during the late evening hours of January 10th through the predawn of January 11th. Upslope snow showers continued through the day of January 11th. Snowfall accumulations ranged 3 to 6 inches.

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

01/14/25 01:00 EST	0	Extreme Cold/Wind Chill
01/14/25 11:00 EST	0	

Arctic high pressure settled over the region with wind gusts up to 25 mph. This resulted in apparent temperatures of -10 to -24 degrees.

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**(WV-Z501) WESTERN GRANT**

01/14/25 13:00 EST	0	Winter Weather
01/15/25 07:00 EST	0	

A clipper system brought a period of light to moderate snow to the West Virginia Mountains starting during the afternoon of January 14th. This gave way to snow showers and squalls during the evening hours. Considerable blowing and drifting of snow occurred overnight as winds gusted to 45 mph.

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**(WV-Z501) WESTERN GRANT, (WV-Z503) WESTERN MINERAL, (WV-Z505) WESTERN PENDLETON, (WV-Z506) EASTERN PENDLETON**

01/14/25 18:00 EST	0	Cold/Wind Chill
01/15/25 12:00 EST	0	

Artic high pressure remained over the area with wind gusts to 25 mph. This resulted in minimum apparent temperature values of -10 to -24F.

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**(WV-Z501) WESTERN GRANT**

01/16/25 07:00 EST	0	Winter Storm
01/17/25 04:55 EST	0	

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**(WV-Z503) WESTERN MINERAL, (WV-Z505) WESTERN PENDLETON**

01/16/25 09:00 EST	0	Winter Weather
01/17/25 01:00 EST	0	

A clipper system brought a period of light to moderate snow during the morning of January 16. Through the afternoon and evening, snow showers and squalls developed. These brought quick accumulations. Overnight, light snow mixed with freezing rain continued. Overall snow accumulations averaged 4 to 7 inches along with a coating of ice across western Grant County. Lesser amounts of 2 to 4 inches were observed in western Mineral and Pendleton Counties along with a coating of ice.

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**(WV-Z050) HAMPSHIRE, (WV-Z051) MORGAN, (WV-Z052) BERKELEY, (WV-Z053) JEFFERSON, (WV-Z055) HARDY, (WV-Z501) WESTERN GRANT, (WV-Z502) EASTERN GRANT, (WV-Z503) WESTERN MINERAL, (WV-Z504) EASTERN MINERAL, (WV-Z505) WESTERN PENDLETON**

01/19/25 03:00 EST	0	Winter Storm
01/20/25 09:00 EST	0	

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**(WV-Z506) EASTERN PENDLETON**

01/19/25 07:00 EST	0	Winter Weather
01/19/25 19:00 EST	0	

An area of low pressure moved across southern Virginia bringing a period of snow during the daylight hours of January 19. Upslope snow showers continued overnight across the higher terrain of West Virginia. Rain and sleet mixed in initially at the onset of precipitation. Snowfall accumulations averaged 4 to 7 inches across the eastern panhandle of West Virginia outside of the mountains. In the mountains, amounts of 6 to 12 inches were observed, with up to 18 inches across far western Grant and western Pendleton counties.. Winds gusted to 45 mph across the higher terrain resulting in significant blowing and drifting snow.

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**(WV-Z050) HAMPSHIRE, (WV-Z051) MORGAN, (WV-Z052) BERKELEY, (WV-Z053) JEFFERSON, (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**

01/20/25 04:00 EST	0	Cold/Wind Chill
01/23/25 10:00 EST	0	

Storm Data and Unusual Weather Phenomena - January 2025

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
(WV-Z501) WESTERN GRANT, (WV-Z503) WESTERN MINERAL, (WV-Z505) WESTERN PENDLETON, (WV-Z506) EASTERN PENDLETON				
	01/20/25 04:00 EST		0	Extreme Cold/Wind Chill
	01/22/25 13:13 EST		0	
Arctic air moved in behind a departing low pressure system on January 20. This Arctic air remained overhead as high pressure dominated through January 23. Winds gusted to 25-45 mph at times bringing apparent temperatures/wind chill values as low as -30F across the higher terrain of the Alleghenies and as low as -15F across the rest of the eastern panhandle. Air temperatures fell into the single digits if not negative single digits for several nights.				
(WV-Z052) BERKELEY, (WV-Z053) JEFFERSON				
	01/20/25 09:32 EST		0	Winter Weather
	01/20/25 10:16 EST		0	
Northwest flow off the Great Lakes resulted in a few snow streamers making it into parts of the eastern panhandle of West Virginia. A general coating to an inch was reported under these snow squalls. Visibilities were reduced to less than one quarter of a mile and winds gusted to 25 mph.				
(WV-Z501) WESTERN GRANT, (WV-Z502) EASTERN GRANT, (WV-Z505) WESTERN PENDLETON, (WV-Z506) EASTERN PENDLETON				
	01/28/25 02:00 EST		0	High Wind (MAX 64 kt)
	01/28/25 10:00 EST		0	
Strong northwest winds behind a departing cold front produced high winds across the eastern West Virginia panhandle.				
(WV-Z501) WESTERN GRANT, (WV-Z502) EASTERN GRANT, (WV-Z504) EASTERN MINERAL, (WV-Z505) WESTERN PENDLETON, (WV-Z506) EASTERN PENDLETON				
	01/28/25 23:00 EST		0	High Wind (MAX 65 kt)
	01/29/25 11:00 EST		0	
Strong northwest winds that persisted behind a departing cold front produced high winds across the eastern West Virginia panhandle.				