

Storm Data and Unusual Weather Phenomena - January 2008

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
ATLANTIC NORTH				
TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- 8.0 ENE WDRW WILSON MEM BRDGE [38.92, -76.91], 5.0 ENE WOODBRIDGE [38.68, -77.16]				
	01/15/08 12:12 EST	0		Marine Thunderstorm Wind (MG 36 kt)
	01/15/08 12:15 EST	0		Source: AWOS
An Automated Observation at Fort Belvoir measured a wind gust of 35 knots. Mason Neck measured a wind gust of 36 knots.				
TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- QUANTICO [38.37, -75.73]				
	01/15/08 12:13 EST	0		Marine Thunderstorm Wind (MG 35 kt)
	01/15/08 12:15 EST	0		Source: ASOS
An automated observation at Quantico measured a wind gust of 35 knots.				
TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- 6.0 N COLONIAL BEACH [38.34, -76.95]				
	01/15/08 12:41 EST	0		Marine Thunderstorm Wind (MG 38 kt)
	01/15/08 12:47 EST	0		Source: Buoy
An automated observation at Potomac Light measured a wind gust of 38 knots.				
TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- 6.0 NNE COLONIAL BEACH [38.33, -76.91]				
	01/15/08 12:52 EST	0		Marine Thunderstorm Wind (MG 35 kt)
	01/15/08 13:26 EST	0		Source: Buoy
An automated observation at Cuckold Creek measured a wind gust of 35 knots.				
CHESAPEAKE BAY DRUM PT TO SMITH PT VA COUNTY --- 3.0 NW SOLOMONS ISLAND [38.35, -76.49]				
	01/15/08 13:42 EST	0		Marine Thunderstorm Wind (MG 34 kt)
	01/15/08 13:48 EST	0		Source: Buoy
Solomon's Island measured a wind gust of 34 knots.				
CHESAPEAKE BAY DRUM PT TO SMITH PT VA COUNTY --- ST MARYS CITY [38.18, -76.43]				
	01/15/08 13:44 EST	0		Marine Thunderstorm Wind (MG 38 kt)
	01/15/08 13:45 EST	0		Source: AWOS
St Mary's City measured a wind gust of 34 knots.				
TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- LEWISSETTA [38.00, -76.47]				
	01/15/08 13:48 EST	0		Marine Thunderstorm Wind (MG 35 kt)
	01/15/08 13:54 EST	0		Source: AWOS
An automated observation at Lewisetta measured a wind gust of 35 knots.				
TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- POINT LOOKOUT [38.05, -76.33]				
	01/15/08 13:51 EST	0		Marine Thunderstorm Wind (MG 37 kt)
	01/15/08 14:17 EST	0		Source: AWOS
An automated observation at Point Lookout measured a wind gust of 37 knots.				
CHESAPEAKE BAY DRUM PT TO SMITH PT VA COUNTY --- 16.0 SE PATUXENT RIVER NAS [38.12, -76.22]				
	01/15/08 14:10 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	01/15/08 14:11 EST	0		Source: AWOS
Lower Hooper Island reported a wind gust of 34 knots.				
CHESAPEAKE BAY POOLES IS TO SANDY PT MD COUNTY --- 3.0 N RIVIERA BEACH [39.16, -76.52]				
	01/15/08 14:12 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	01/15/08 14:13 EST	0		Source: Buoy

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A buoy near Key Bridge reported a wind gust near 34 knots.

CHESAPEAKE BAY DRUM PT TO SMITH PT VA COUNTY --- SMITH ISLAND [38.00, -76.00]

01/15/08 14:20 EST	0	Marine Thunderstorm Wind (MG 37 kt)
01/15/08 14:36 EST	0	Source: AWOS

Smith Island reported a wind gust of 37 knots.

CHESAPEAKE BAY DRUM PT TO SMITH PT VA COUNTY --- 17.0 E PATUXENT RIVER NAS [38.28, -76.12]

01/15/08 14:39 EST	0	Marine Thunderstorm Wind (MG 35 kt)
01/15/08 15:09 EST	0	Source: AWOS

Bishops Head reported a wind gust of 35 knots.

CHESAPEAKE BAY DRUM PT TO SMITH PT VA COUNTY --- CRISFIELD [37.98, -75.85]

01/15/08 14:46 EST	0	Marine Thunderstorm Wind (MG 37 kt)
01/15/08 14:47 EST	0	Source: AWOS

The buoy at Crisfield reported a wind gust of 37 knots.

Snow squalls crossed the Tidal Potomac River and Maryland Chesapeake Bay during the early afternoon hours on January 15th. Wind gusts near 40 knots were measured across the waters.

DISTRICT OF COLUMBIA

(DC-Z001) DISTRICT OF COLUMBIA

01/17/08 08:00 EST	0	Winter Weather
01/18/08 03:00 EST	0	

An area of low pressure moved northeast from the central Gulf of Mexico off the North Carolina on January 17th. Precipitation began as snow before warmer air moved in aloft. This changed snow to a mix of sleet and freezing rain and ended as freezing drizzle. Significant accumulations of snow and sleet were reported with only a trace of ice. Two to three inches of snow and sleet were reported within the District.

MARYLAND, Central

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

01/01/08 12:00 EST	0	Winter Weather
01/03/08 00:00 EST	0	

A strong cold front triggered upslope snow showers along and west of the Allegheny Front in Maryland beginning early on January 1st. These snow showers continued through the late evening hours of January 2nd. Wind gusts to 40 mph produced blowing and drifting of snow. The gusty winds and cold temperatures resulted in wind chill values below zero. Snowfall amounts ranged from 2 to 3 inches in Allegany County.

(MD-Z501) EXTREME WESTERN ALLEGANY

01/14/08 04:00 EST	0	Winter Weather
01/15/08 20:30 EST	0	

Snow showers developed along and west of the Allegheny Front in Maryland on January 14th and continued through the evening of January 15th. Snowfall amounts ranged from 1 to 3 inches in western Allegany County.

(MD-Z003) WASHINGTON, (MD-Z004) FREDERICK, (MD-Z006) NORTHERN BALTIMORE, (MD-Z007) HARFORD, (MD-Z009) MONTGOMERY, (MD-Z010) HOWARD, (MD-Z011) SOUTHERN BALTIMORE, (MD-Z013) PRINCE GEORGES, (MD-Z014) ANNE ARUNDEL, (MD-Z016) CHARLES, (MD-Z018) CALVERT, (MD-Z501) EXTREME WESTERN ALLEGANY, (MD-Z502) CENTRAL AND EASTERN ALLEGANY

01/17/08 08:00 EST	0	Winter Weather
01/18/08 03:00 EST	0	

(MD-Z005) CARROLL

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(MD-Z005) CARROLL				
	01/17/08 08:00 EST		0	Winter Storm
	01/18/08 03:00 EST		0	

An area of low pressure moved northeast from the central Gulf of Mexico off the North Carolina on January 17th. Precipitation began as snow before warmer air moved in aloft. This changed snow to a mix of sleet and freezing rain and ended as freezing drizzle. Significant accumulations of snow and sleet were reported with only a trace of ice.

The highest snowfall accumulations, up to 6 inches, were reported from western Montgomery County through Howard County north across eastern Carroll County in central Maryland. According to newspaper reports, snow caused numerous traffic accidents in northern Maryland east towards the Baltimore Metro. Accidents were also reported further west in Allegany County.

(MD-Z004) FREDERICK, (MD-Z501) EXTREME WESTERN ALLEGANY, (MD-Z502) CENTRAL AND EASTERN ALLEGANY				
	01/30/08 04:35 EST		5K	High Wind (MAX 56 kt)
	01/30/08 12:00 EST		0	

(MD-Z006) NORTHERN BALTIMORE, (MD-Z011) SOUTHERN BALTIMORE, (MD-Z014) ANNE ARUNDEL				
	01/30/08 09:30 EST		6K	Strong Wind (MAX 43 kt)
	01/30/08 12:00 EST		0	

A strong cold front crossed the Mid Atlantic during the late evening January 29th. This brought gusty winds to the region during the mid to late morning hours of January 30th. Several automated observations measured wind gusts in excess of 40 mph, with some wind gust near 60 mph.

VIRGINIA, North

(VA-Z021) HIGHLAND				
	01/01/08 15:00 EST		0	Winter Weather
	01/02/08 18:00 EST		0	

A strong cold front triggered upslope snow showers along and west of the Allegheny Front in west central Virginia beginning early on January 1st. These snow showers continued through the late evening hours of January 2nd. Wind gusts to 40 mph produced blowing and drifting of snow. The gusty winds and cold temperatures resulted in wind chill values below zero. Snowfall amounts around 2 inches were measured in Highland County.

(VA-Z021) HIGHLAND, (VA-Z025) AUGUSTA, (VA-Z026) ROCKINGHAM, (VA-Z029) PAGE, (VA-Z038) GREENE, (VA-Z039) MADISON, (VA-Z040) RAPPAHANNOCK, (VA-Z042) LOUDOUN				
	01/17/08 08:00 EST		0	Winter Storm
	01/18/08 03:00 EST		0	

(VA-Z027) SHENANDOAH, (VA-Z028) FREDERICK, (VA-Z030) WARREN, (VA-Z031) CLARKE, (VA-Z037) ALBEMARLE, (VA-Z041) FAUQUIER, (VA-Z050) ORANGE, (VA-Z051) CULPEPER, (VA-Z052) PRINCE WILLIAM, (VA-Z053) FAIRFAX, (VA-Z054) ARLINGTON, (VA-Z055) STAFFORD, (VA-Z056) SPOTSYLVANIA, (VA-Z057) KING GEORGE				
	01/17/08 08:00 EST		0	Winter Weather
	01/18/08 03:00 EST		0	

An area of low pressure moved northeast from the central Gulf of Mexico off the North Carolina on January 17th. Precipitation began as snow before warmer air moved in aloft. This changed snow to a mix of sleet and freezing rain and ended as freezing drizzle. Significant accumulations of snow and sleet were reported with only a trace of ice.

The highest snowfall accumulations, up to 8 inches, were reported from Highland County across the Shenandoah Valley northeast along the Blue Ridge to western Loudoun County in northern Virginia.

(VA-Z052) PRINCE WILLIAM				
	01/30/08 10:00 EST		1K	Strong Wind (MAX 43 kt)
	01/30/08 12:00 EST		0	

A strong cold front crossed the Mid Atlantic during the late evening January 29th. This brought gusty winds to the region during the mid to late morning hours of January 30th. Newspapers reported a downed tree in Woodbridge, VA.

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WEST VIRGINIA, East

(WV-Z054) PENDLETON, (WV-Z501) WESTERN GRANT, (WV-Z503) WESTERN MINERAL

01/01/08 15:00 EST	0	Heavy Snow
01/03/08 00:00 EST	0	

A strong cold front triggered upslope snow showers along and west of the Allegheny Front in the eastern panhandle of West Virginia beginning early on January 1st. These snow showers continued through the late evening hours of January 2nd. Wind gusts to 40 mph produced blowing and drifting of snow. The gusty winds and cold temperatures resulted in wind chill values below zero. Twenty four hour snowfall amounts totaled between 8 and 9 inches in Grant County, with a storm total of 14 inches. Mineral and Pendleton counties reported 5 to 6 inches of snow.

(WV-Z054) PENDLETON, (WV-Z501) WESTERN GRANT

01/14/08 04:00 EST	0	Winter Weather
01/15/08 20:30 EST	0	

Snow showers developed along and west of the Allegheny Front in the eastern panhandle of West Virginia on January 14th and continued through the evening of January 15th. Snowfall amounts ranged from 3 to 8 inches in Pendleton and western Grant counties.

(WV-Z050) HAMPSHIRE, (WV-Z051) MORGAN, (WV-Z052) BERKELEY, (WV-Z053) JEFFERSON, (WV-Z054) PENDLETON, (WV-Z055) HARDY, (WV-Z501) WESTERN GRANT, (WV-Z502) EASTERN GRANT, (WV-Z503) WESTERN MINERAL, (WV-Z504) EASTERN MINERAL

01/17/08 08:00 EST	0	Winter Weather
01/18/08 03:00 EST	0	

An area of low pressure moved northeast from the central Gulf of Mexico off the North Carolina on January 17th. Precipitation began as snow before warmer air moved in aloft. This changed snow to a mix of sleet and freezing rain and ended as freezing drizzle. Significant accumulations of snow and sleet were reported with only a trace of ice.

The highest snowfall accumulations, up to 5 inches, were reported in Berkeley and Pendleton counties. An average of 2 to 4 inches was reported across the remainder of the eastern panhandle of West Virginia.

(WV-Z054) PENDLETON, (WV-Z501) WESTERN GRANT

01/24/08 16:00 EST	0	Winter Weather
01/24/08 22:00 EST	0	

An Arctic cold front swept across the Mid Atlantic region during the afternoon of January 24th. Upslope snow showers developed behind the front during the mid afternoon and continued through the late evening. Two to four inches of snow was reported in Pendleton and western Grant counties.

(WV-Z052) BERKELEY, (WV-Z503) WESTERN MINERAL, (WV-Z504) EASTERN MINERAL

01/30/08 05:30 EST	6K	High Wind (MAX 51 kt)
01/30/08 11:00 EST	0	

A strong cold front crossed the Mid Atlantic during the late evening January 29th. This brought gusty winds to the region during the mid to late morning hours of January 30th. Several automated observations measured wind gusts in excess of 40 mph, with some wind gust near 60 mph.

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MARYLAND, Central

(MD-Z003) WASHINGTON, (MD-Z004) FREDERICK, (MD-Z501) EXTREME WESTERN ALLEGANY

02/01/08 00:00 EST	5K	Ice Storm
02/01/08 16:00 EST	0	

(MD-Z005) CARROLL, (MD-Z006) NORTHERN BALTIMORE, (MD-Z009) MONTGOMERY, (MD-Z502) CENTRAL AND EASTERN ALLEGANY

02/01/08 00:00 EST	0	Winter Weather
02/01/08 16:00 EST	0	

An area of low pressure over the Lower Mississippi River Valley moved up the Appalachians on February 1st. Warmer temperatures aloft combined with subfreezing temperatures at the surface to produce widespread freezing rain across the Mid Atlantic. A quarter of an inch of ice was reported in western Allegany County, with between a trace to a tenth of an inch as far east as northern Baltimore County. Numerous traffic accidents and power outages were reported across the region.

Precipitation continued through the afternoon and early evening as temperatures rose above freezing. Rainfall amounts between 1 and 3 inches were measured across much of Maryland, with highest amounts from the Baltimore metro area south through lower southern Maryland. Flooding was reported in Baltimore County.

VIRGINIA, North

(VA-Z021) HIGHLAND, (VA-Z037) ALBEMARLE, (VA-Z038) GREENE, (VA-Z039) MADISON, (VA-Z040) RAPPAHANNOCK, (VA-Z050) ORANGE, (VA-Z051) CULPEPER, (VA-Z053) FAIRFAX

02/01/08 00:00 EST	5K	Winter Weather
02/01/08 12:00 EST	0	

(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-Z041) FAUQUIER, (VA-Z042) LOUDOUN

02/01/08 00:00 EST	42K	Ice Storm
02/01/08 12:00 EST	0	

An area of low pressure over the Lower Mississippi River Valley moved up the Appalachians on February 1st. Warmer temperatures aloft combined with subfreezing temperatures at the surface to produce widespread freezing rain across the Mid Atlantic. A quarter of an inch of ice was reported along the Blue Ridge of western and central Virginia, with between a trace to a tenth of an inch east of the Blue Ridge towards the Interstate 95 corridor. Numerous traffic accidents and power outages were reported across the region.

As warmer air continued to filter across the region, rain continued through the afternoon. Rainfall amounts totaled between 1 and 2 inches across northern Virginia.

WEST VIRGINIA, East

(WV-Z050) HAMPSHIRE, (WV-Z051) MORGAN, (WV-Z052) BERKELEY, (WV-Z053) JEFFERSON, (WV-Z054) PENDLETON, (WV-Z055) HARDY, (WV-Z503) WESTERN MINERAL, (WV-Z504) EASTERN MINERAL

02/01/08 00:00 EST	20K	Ice Storm
02/01/08 13:00 EST	0	

(WV-Z501) WESTERN GRANT, (WV-Z502) EASTERN GRANT

02/01/08 00:00 EST	0	Winter Weather
02/01/08 14:00 EST	0	

An area of low pressure over the Lower Mississippi River Valley moved up the Appalachians on February 1st. Warmer temperatures aloft combined with subfreezing temperatures at the surface to produce widespread freezing rain across the Mid Atlantic. A quarter of an inch of ice was reported across the eastern pan handle of West Virginia. Numerous traffic accidents and power outages were reported across the region.

Rain continued as warmer temperatures slowly filtered across the region. Up to an inch of rain was reported in Berkeley County during

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the afternoon and evening.				