

Storm Data and Unusual Weather Phenomena - November 2013

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
ATLANTIC NORTH				
CHESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY --- 0.2 NE COVE POINT [38.43, -76.39]				
	11/02/13 17:54 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	11/02/13 18:06 EST		0	Source: Mesonet
Wind gusts of 31 knots were reported at Cove Point.				
A trough axis pushed over the waters in the afternoon increasing the pressure gradient. Temperatures increased into the 60s and 70s near the waters and cumulus clouds led to gusts to mix down the surface.				
TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- 0.3 NNE WASHINGTON NATIONALS PARK [38.87, -77.01]				
	11/18/13 02:34 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	11/18/13 02:34 EST		0	Source: Mesonet
Wind gusts of 33 knots were reported at Nationals Park.				
TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- 0.9 NE (DCA)REAGAN NATIONAL AIRPORT [38.86, -77.03]				
	11/18/13 02:34 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	11/18/13 02:34 EST		0	Source: ASOS
Wind gusts of 33 knots were measured at Washington National Airport.				
TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- 10.5 SSW MASON NECK [38.51, -77.30]				
	11/18/13 02:34 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	11/18/13 02:34 EST		0	Source: AWOS
Wind gusts of 33 knots were measured at Quantico.				
TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- 2.6 WSW (DCA)REAGAN NATIONAL AIRPORT [38.84, -77.08]				
	11/18/13 02:35 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	11/18/13 02:44 EST		0	Source: Mesonet
Wind gusts of 32 knots were measured at T.C. Williams High School.				
TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- 2.1 NNW WASHINGTON NATIONALS PARK [38.90, -77.02]				
	11/18/13 02:39 EST		0	Marine Thunderstorm Wind (MG 34 kt)
	11/18/13 02:39 EST		0	Source: Mesonet
Wind gusts of 34 knots were measured at Pepco.				
TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- 11.6 NNE QUANTICO [38.64, -77.20]				
	11/18/13 02:44 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	11/18/13 02:44 EST		0	Source: Mesonet
Wind gusts of 32 knots were measured at Mason Neck.				
CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- ANNAPOLIS [38.98, -76.48]				
	11/18/13 02:57 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	11/18/13 02:57 EST		0	Source: ASOS
Wind gust of 32 knots were measured at Annapolis.				
CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- 0.8 S ANNAPOLIS [38.97, -76.48]				
	11/18/13 03:03 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	11/18/13 03:03 EST		0	Source: Mesonet
Wind gusts of 31 knots were measured at Greenbury Point.				
CHESAPEAKE BAY N OF POOLES IS MD COUNTY --- 5.4 SE SUSQUEHANNA [39.50, -75.99]				

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	11/18/13 03:04 EST		0	Marine Thunderstorm Wind (MG 36 kt)
	11/18/13 03:14 EST		0	Source: Mesonet

Wind gusts of 36 knots were measured at North Bay North East.

CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- 0.4 SE TOLLY POINT [38.94, -76.44]				
Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	11/18/13 03:11 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	11/18/13 03:11 EST		0	Source: Mesonet

Wind gusts of 31 knots were measured at Tolly Point.

CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- 12.7 SSW THOMAS POINT LIGHT [38.73, -76.54]				
Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	11/18/13 03:15 EST		0	Marine Thunderstorm Wind (MG 42 kt)
	11/18/13 03:20 EST		0	Source: Mesonet

Wind gusts of 42 knots were measured at Herring Bay.

CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- THOMAS POINT LIGHT [38.90, -76.44]				
Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	11/18/13 03:15 EST		0	Marine Thunderstorm Wind (MG 40 kt)
	11/18/13 03:15 EST		0	Source: Mesonet

Wind gusts of 40 knots were measured at Thomas Point Lighthouse.

CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- 0.3 S STEVENSVILLE [38.98, -76.33]				
Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	11/18/13 03:20 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	11/18/13 03:20 EST		0	Source: AWOS

Wind gusts of 32 knots were measured at the Bay Bridge.

CHESAPEAKE BAY DRUM PT TO SMITH PT VA COUNTY --- 27.1 N PATUXENT RIVER ASOS [38.68, -76.33]				
Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	11/18/13 03:35 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	11/18/13 03:35 EST		0	Source: Mesonet

Wind gusts of 31 knots were measured at Black walnut Harbor.

CHESAPEAKE BAY DRUM PT TO SMITH PT VA COUNTY --- 0.2 SSE LOWER HOOPERS ISLAND [38.26, -76.18]				
Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	11/18/13 04:33 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	11/18/13 04:33 EST		0	Source: Mesonet

Wind gusts of 32 knots were measured at Lower Hooper Island.

A strong cold front moved across the Mid Atlantic early in the morning. Showers and thunderstorms were able to tap into a strong low level jet and bring strong gusts to the surface.

MARYLAND, Central

ALLEGANY COUNTY --- 1.1 E OCEAN [39.60, -78.93]				
Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	11/01/13 04:00 EST		0	Thunderstorm Wind (EG 52 kt)
	11/01/13 04:00 EST		0.25K	Source: 911 Call Center

A tree was down near Maryland Route 36 and Flint Road and Northbound Maryland Route 36 was blocked.

CARROLL COUNTY --- 0.7 N ELDERSBURG [39.41, -76.95]				
Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	11/01/13 06:45 EST		0	Thunderstorm Wind (EG 52 kt)
	11/01/13 06:45 EST		0.25K	Source: Emergency Manager

There was a tree down at Liberty High School on Bartholow Road.

CARROLL COUNTY --- 1.3 WSW FINKSBURG CLOUD ARPT [39.47, -76.90]				
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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	11/01/13 06:48 EST		0	Thunderstorm Wind (EG 52 kt)
	11/01/13 06:48 EST		0.25K	Source: Emergency Manager

There was a tree down at Louisville Road near the county line.

A cold front crossed the Mid Atlantic in the morning and showers and thunderstorms moved across the highlands. Strong winds above the surface were able to mix down and damaging wind gusts were reported.

(MD-Z009) MONTGOMERY

11/17/13 00:00 EST	0	Dense Fog
11/17/13 05:35 EST	0	

High pressure was off the Mid Atlantic coast and light easterly winds ushered in moist conditions that led to fog formation as well as advection fog.

WASHINGTON COUNTY --- BEAVER CREEK [39.58, -77.65]

11/18/13 00:06 EST	0	Thunderstorm Wind (EG 52 kt)
11/18/13 00:06 EST	0.25K	Source: 911 Call Center

There was a large tree limb down near the intersection of Beaver Creek Church Road and Beaver Creek Road.

A strong cold front moved across the Potomac Highlands late in the evening. Showers and thunderstorms were able to tap into a strong low level jet and bring strong gusts to the surface.

(MD-Z003) WASHINGTON, (MD-Z004) FREDERICK, (MD-Z005) CARROLL, (MD-Z006) NORTHERN BALTIMORE, (MD-Z007) HARFORD, (MD-Z009) MONTGOMERY, (MD-Z010) HOWARD, (MD-Z501) EXTREME WESTERN ALLEGANY, (MD-Z502) CENTRAL AND EASTERN ALLEGANY

11/26/13 08:00 EST	0	Winter Weather
11/26/13 23:00 EST	0	

High pressure was wedged southward in the Mid Atlantic while low pressure deepened off the gulf coast. Below freezing surface temperatures and warm and moist air aloft produced freezing rain.

VIRGINIA, North

(VA-Z036) NELSON, (VA-Z037) ALBEMARLE, (VA-Z042) LOUDOUN, (VA-Z050) ORANGE, (VA-Z051) CULPEPER, (VA-Z052) PRINCE WILLIAM, (VA-Z053) FAIRFAX, (VA-Z055) STAFFORD, (VA-Z056) SPOTSYLVANIA, (VA-Z502) SOUTHERN FAUQUIER

11/16/13 11:15 EST	0	Dense Fog
11/17/13 08:15 EST	0	

High pressure was off the Mid Atlantic coast and light easterly winds ushered in moist conditions that led to fog formation as well as advection fog.

AUGUSTA COUNTY --- 2.6 NW MILLBROOK [38.21, -79.06]

11/18/13 00:06 EST	0	Thunderstorm Wind (EG 52 kt)
11/18/13 00:06 EST	0	Source: 911 Call Center

There was a tree down on Pleasant View Road.

A strong cold front moved across the Potomac Highlands late in the evening. Showers and thunderstorms were able to tap into a strong low level jet and bring strong gusts to the surface.

(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-Z042) LOUDOUN, (VA-Z501) NORTHERN FAUQUIER, (VA-Z503) WESTERN HIGHLAND, (VA-Z504) EASTERN HIGHLAND

11/26/13 08:00 EST	0	Winter Weather
11/26/13 22:00 EST	0	

High pressure was wedged southward in the Mid Atlantic while low pressure deepened off the gulf coast. Below freezing surface temperatures and warm and moist air aloft produced freezing rain.

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WEST VIRGINIA, East				
HAMPSHIRE COUNTY --- 2.3 ESE WEST ROMNEY [39.32, -78.73]				
	11/01/13 04:30 EST		1K	Thunderstorm Wind (EG 52 kt)
	11/01/13 04:30 EST		0	Source: Emergency Manager
There were power lines down that started a brush fire on Grassy Lick Road.				
MORGAN COUNTY --- 1.7 NW SMITH XRDS [39.59, -78.25]				
	11/01/13 04:30 EST		0	Thunderstorm Wind (EG 52 kt)
	11/01/13 04:30 EST		0.25K	Source: Emergency Manager
There was a tree down on the 700 block of Valley Road.				
MORGAN COUNTY --- 0.7 N JOHNSONS MILL [39.58, -78.20]				
	11/01/13 04:50 EST		0	Thunderstorm Wind (EG 52 kt)
	11/01/13 04:50 EST		0.25K	Source: Emergency Manager
There was a tree down on Highland Ridge Road.				
A cold front crossed the Mid Atlantic in the morning and showers and thunderstorms moved across the highlands. Strong winds above the surface were able to mix down and damaging wind gusts were reported.				
(WV-Z501) WESTERN GRANT				
	11/12/13 03:00 EST		0	Winter Weather
	11/12/13 15:00 EST		0	
A cold front cross the mountains in the evening and below freezing temperatures and westerly flow produced snow showers along the Allegheny Front.				
MINERAL COUNTY --- 2.1 W REESES MILL [39.43, -78.89]				
	11/17/13 22:50 EST		0	Thunderstorm Wind (EG 52 kt)
	11/17/13 22:50 EST		0.25K	Source: 911 Call Center
There was a tree down blocking part of the city route 465.				
PENDLETON COUNTY --- 1.5 SSE JUDY GAP [38.68, -79.44]				
	11/17/13 22:59 EST		0	Thunderstorm Wind (EG 52 kt)
	11/17/13 22:59 EST		0.25K	Source: Trained Spotter
There were numerous tree limbs down near the Mountain Institute.				
HARDY COUNTY --- 0.5 E WELTON [39.00, -79.07]				
	11/17/13 23:02 EST		0	Thunderstorm Wind (EG 52 kt)
	11/17/13 23:02 EST		0.25K	Source: 911 Call Center
There was a tree blocking the southbound lane of Route 220 near the Hickory Hill Community.				
A strong cold front moved across the Potomac Highlands late in the evening. Showers and thunderstorms were able to tap into a strong low level jet and bring strong gusts to the surface.				
(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				
	11/26/13 08:00 EST		0	Winter Weather
	11/26/13 23:00 EST		0	
High pressure was wedged southward in the Mid Atlantic while low pressure deepened off the gulf coast. Below freezing surface temperatures and warm and moist air aloft produced freezing rain.				
(WV-Z501) WESTERN GRANT				

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	11/27/13 06:00 EST		0	Winter Weather
	11/27/13 19:00 EST		0	

Low pressure moved across the Mid Atlantic and wrap around moisture led to snow accumulation along the western slopes of the Allegheny Front.