

Storm Data and Unusual Weather Phenomena - November 2014

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
ATLANTIC NORTH				
CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- 12.7 SSW THOMAS POINT LIGHT [38.73, -76.54]				
	11/06/14 15:20 EST		0	Marine Thunderstorm Wind (MG 37 kt)
	11/06/14 15:20 EST		0	Source: Mesonet
Measured gust at Herring Bay.				
CHESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY --- CHESAPEAKE BEACH [38.69, -76.54]				
	11/06/14 15:25 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	11/06/14 15:25 EST		0	Source: Mesonet
Measured gust of 31 kts at CHSRL.				
CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- THOMAS POINT LIGHT [38.90, -76.44]				
	11/06/14 15:25 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	11/06/14 15:25 EST		0	Source: Mesonet
Measured gust of 32 kts.				
TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- 17.9 WNW PINEY POINT [38.24, -76.83]				
	11/06/14 18:02 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	11/06/14 18:02 EST		0	Source: Mesonet
Measured gust of 31 kts at Cobb Point WxFlow.				
A line of showers with embedded thunderstorms formed along a cold front as it swung through the Mid-Atlantic region. Strong winds aloft mixed down with the heavier precipitation, resulting in gusty winds.				
TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- PINEY POINT [38.13, -76.53]				
	11/17/14 12:54 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	11/17/14 12:54 EST		0	Source: Mesonet
Measured gusts 31-32 kts at PPTM2.				
TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- LEWISSETTA [38.00, -76.47]				
	11/17/14 13:06 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	11/17/14 13:06 EST		0	Source: Mesonet
Measured gust of 31 kt at LWTV2.				
TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- 6.0 E PINEY POINT [38.13, -76.42]				
	11/17/14 13:11 EST		0	Marine Thunderstorm Wind (MG 34 kt)
	11/17/14 13:11 EST		0	Source: Mesonet
TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY --- BISHOPS HEAD [38.22, -76.04]				
	11/17/14 13:54 EST		0	Marine Thunderstorm Wind (MG 42 kt)
	11/17/14 13:54 EST		0	Source: Mesonet
CHESAPEAKE BAY DRUM PT TO SMITH PT VA COUNTY --- POINT LOOKOUT [38.04, -76.32]				
	11/17/14 13:55 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	11/17/14 13:55 EST		0	Source: Mesonet
Measured gust of 31 kt at Point Lookout WxFlow.				
CHESAPEAKE BAY DRUM PT TO SMITH PT VA COUNTY --- SMITH ISLAND [37.98, -76.04]				
	11/17/14 14:02 EST		0	Marine Thunderstorm Wind (MG 36 kt)
	11/17/14 14:02 EST		0	Source: Mesonet
CHESAPEAKE BAY DRUM PT TO SMITH PT VA COUNTY --- 10.0 E SMITH ISLAND [37.98, -75.86]				

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	11/17/14 14:35 EST		0	Marine Thunderstorm Wind (MG 43 kt)
	11/17/14 14:35 EST		0	Source: Mesonet

TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY --- CRISFIELD [37.97, -75.88]

	11/17/14 14:38 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	11/17/14 14:38 EST		0	Source: Mesonet

Measured 33 kt gust at Crisfield WxFlow.

Line of moderate to heavy rain showers formed along a cold front as it moved through the region. The heaviest precipitation mixed down strong winds aloft.

MARYLAND, Central

(MD-Z004) FREDERICK

	11/11/14 23:20 EST		0	Dense Fog
	11/12/14 07:20 EST		0	

High pressure moving across the region resulted in clearing skies and weakening winds, allowing for areas of dense fog to form across Frederick County.

(MD-Z501) EXTREME WESTERN ALLEGANY

	11/18/14 01:00 EST		0	Cold/Wind Chill
	11/19/14 06:00 EST		0	

High pressure building in from the west coupled with a deepening upper level trough ushered in record breaking cold temperatures for multiple days.

(MD-Z003) WASHINGTON, (MD-Z004) FREDERICK, (MD-Z005) CARROLL, (MD-Z501) EXTREME WESTERN ALLEGANY, (MD-Z502) CENTRAL AND EASTERN ALLEGANY

	11/26/14 05:00 EST		0	Winter Storm
	11/26/14 18:00 EST		0	

(MD-Z006) NORTHERN BALTIMORE, (MD-Z007) HARFORD, (MD-Z009) MONTGOMERY, (MD-Z010) HOWARD, (MD-Z014) ANNE ARUNDEL

	11/26/14 09:00 EST		0	Winter Weather
	11/26/14 18:00 EST		0	

A deepening coastal low tracking along the Eastern Seaboard brought widespread precipitation to the Mid-Atlantic. Cold air damming as a result of high pressure over New England advected in colder air, transitioning the precipitation to snow.

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

	11/26/14 16:45 EST		0	Dense Fog
	11/27/14 10:15 EST		0	

Clearing conditions combined with calming winds across a fresh snowpack led to widespread dense fog across the western panhandle of Maryland.

VIRGINIA, North

(VA-Z050) ORANGE, (VA-Z051) CULPEPER, (VA-Z052) PRINCE WILLIAM, (VA-Z055) STAFFORD, (VA-Z056) SPOTSYLVANIA, (VA-Z057) KING GEORGE, (VA-Z502) SOUTHERN FAUQUIER

	11/02/14 22:00 EST		0	Frost/Freeze
	11/03/14 06:30 EST		0	

Weakening northwest flow near daybreak as high pressure built into the region allowed for decoupling to occur over portions of northern Virginia, dropping temperatures to below freezing.

(VA-Z042) LOUDOUN, (VA-Z051) CULPEPER, (VA-Z052) PRINCE WILLIAM, (VA-Z053) FAIRFAX, (VA-Z055) STAFFORD, (VA-Z056) SPOTSYLVANIA,

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(VA-Z501) NORTHERN FAUQUIER, (VA-Z502) SOUTHERN FAUQUIER				
	11/11/14 22:55 EST		0	Dense Fog
	11/12/14 07:20 EST		0	

High pressure moving across the region resulted in clearing skies and weakening winds, allowing for areas of dense fog to form across portions of northern Virginia and the Piedmonts, west of a marine stratus layer.

(VA-Z503) WESTERN HIGHLAND				
	11/18/14 01:00 EST		0	Cold/Wind Chill
	11/19/14 08:00 EST		0	

High pressure building in from the west coupled with a deepening upper level trough ushered in record breaking cold temperatures for multiple days.

(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-Z503) WESTERN HIGHLAND, (VA-Z504) EASTERN HIGHLAND				
	11/26/14 05:00 EST		0	Winter Storm
	11/26/14 18:00 EST		0	

(VA-Z039) MADISON, (VA-Z042) LOUDOUN, (VA-Z052) PRINCE WILLIAM, (VA-Z053) FAIRFAX, (VA-Z501) NORTHERN FAUQUIER				
	11/26/14 05:00 EST		0	Winter Weather
	11/26/14 18:00 EST		0	

A deepening coastal low tracking along the Eastern Seaboard brought widespread precipitation to the Mid-Atlantic. Cold air damming as a result of high pressure over New England advected in colder air, transitioning the precipitation to snow.

(VA-Z025) AUGUSTA, (VA-Z026) ROCKINGHAM, (VA-Z027) SHENANDOAH, (VA-Z028) FREDERICK, (VA-Z029) PAGE, (VA-Z030) WARREN, (VA-Z031) CLARKE, (VA-Z504) EASTERN HIGHLAND				
	11/26/14 21:40 EST		0	Dense Fog
	11/27/14 10:45 EST		0	

Clearing conditions combined with calming winds across a fresh snowpack led to widespread dense fog across portions of central and northern Virginia.

(VA-Z503) WESTERN HIGHLAND				
	11/27/14 15:00 EST		0	Winter Weather
	11/28/14 13:00 EST		0	

A passing upper level disturbance combining with northwest winds triggered upslope snow showers on the western side of the Potomac Highlands.

WEST VIRGINIA, East

(WV-Z501) WESTERN GRANT, (WV-Z502) EASTERN GRANT, (WV-Z503) WESTERN MINERAL, (WV-Z505) WESTERN PENDLETON, (WV-Z506) EASTERN PENDLETON				
	11/18/14 01:00 EST		0	Cold/Wind Chill
	11/19/14 08:00 EST		0	

High pressure building in from the west coupled with a deepening upper level trough ushered in record breaking cold temperatures for multiple days.

(WV-Z050) HAMPSHIRE, (WV-Z051) MORGAN, (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				
	11/26/14 05:00 EST		0	Winter Storm
	11/26/14 18:00 EST		0	

(WV-Z052) BERKELEY, (WV-Z053) JEFFERSON				
	11/26/14 07:00 EST		0	Winter Weather
	11/26/14 18:00 EST		0	

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

11/26/14 18:45 EST	0	Dense Fog
11/27/14 10:15 EST	0	

Clearing conditions combined with calming winds across a fresh snowpack led to widespread dense fog across the eastern panhandle of WV and the Potomac Highlands.

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

11/27/14 15:00 EST	0	Winter Weather
11/28/14 13:00 EST	0	

A passing upper level disturbance combining with northwest winds triggered upslope snow showers on the western side of the Potomac Highlands.