

Storm Data and Unusual Weather Phenomena - November 2016

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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DISTRICT OF COLUMBIA

(DC-Z001) DISTRICT OF COLUMBIA

	11/08/16 02:00 EST	0	0	Frost/Freeze
	11/08/16 08:00 EST	0	0	

High pressure overhead caused mainly clear skies and light winds. Radiational cooling led to a freeze.

DISTRICT OF COLUMBIA COUNTY --- 0.7 ESE WALTER REED [38.97, -77.02]

	11/30/16 18:13 EST	0	0	Thunderstorm Wind (EG 50 kt)
	11/30/16 18:13 EST	0	0	Source: Broadcast Media

Roof damage was reported along a couple apartment buildings in the 400 Block of Cedar Street Northwest.

A cold front moved through the area during the evening hours of the 30th. There was enough forcing along the boundary for strong winds from aloft to mix down in an isolated thunderstorm.

MARYLAND, Central

(MD-Z011) SOUTHERN BALTIMORE, (MD-Z013) PRINCE GEORGES, (MD-Z014) ANNE ARUNDEL, (MD-Z016) CHARLES, (MD-Z017) ST. MARY'S, (MD-Z018) CALVERT, (MD-Z504) CENTRAL AND SOUTHEAST MONTGOMERY, (MD-Z506) CENTRAL AND SOUTHEAST HOWARD, (MD-Z508) SOUTHEAST HARFORD

	11/13/16 02:00 EST	0	0	Frost/Freeze
	11/13/16 08:00 EST	0	0	

High pressure overhead caused mainly clear skies and light winds. Radiational cooling led to a freeze.

(MD-Z501) EXTREME WESTERN ALLEGANY

	11/19/16 18:27 EST	0	0	High Wind (MAX 52 kt)
	11/19/16 18:27 EST	0	0	

A strong cold front passed through on the 19th. Strong pressure rises along with cold advection caused high winds from aloft to mix down.

(MD-Z004) FREDERICK

	11/20/16 22:38 EST	0	0	High Wind (MAX 58 kt)
	11/20/16 22:38 EST	0	0	

Strong low pressure intensified over New England. A strong pressure gradient between the low and high pressure over the Midwest led to high winds.

(MD-Z004) FREDERICK

	11/21/16 05:17 EST	0	0	High Wind (MAX 58 kt)
	11/21/16 05:17 EST	0	0	

Strong low remained over eastern Canada. A strong pressure gradient between the low and high pressure over the Midwest led to high winds.

VIRGINIA, North

(VA-Z025) AUGUSTA, (VA-Z026) ROCKINGHAM, (VA-Z038) GREENE, (VA-Z039) MADISON, (VA-Z050) ORANGE, (VA-Z502) SOUTHERN FAUQUIER, (VA-Z507) NORTHERN VIRGINIA BLUE RIDGE, (VA-Z508) CENTRAL VIRGINIA BLUE RIDGE

	11/05/16 02:00 EST	0	0	Frost/Freeze
	11/05/16 08:00 EST	0	0	

High pressure overhead caused mainly clear skies and light winds. Radiational cooling led to a freeze across central Virginia.

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(VA-Z036) NELSON, (VA-Z037) ALBEMARLE, (VA-Z052) PRINCE WILLIAM, (VA-Z055) STAFFORD, (VA-Z057) KING GEORGE

	11/08/16 02:00 EST		0	Frost/Freeze
	11/08/16 08:00 EST		0	

High pressure overhead caused mainly clear skies and light winds. Radiational cooling led to a freeze across the Virginia Piedmont.

(VA-Z053) FAIRFAX, (VA-Z054) ARLINGTON

	11/13/16 02:00 EST		0	Frost/Freeze
	11/13/16 08:00 EST		0	

High pressure overhead caused mainly clear skies and light winds. Radiational cooling led to a freeze in the suburbs of Washington D.C.

(VA-Z503) WESTERN HIGHLAND

	11/19/16 17:00 EST		0	Winter Weather
	11/20/16 22:00 EST		0	

Snow developed due to cold and moist air flowing over the mountains.

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

	11/19/16 18:27 EST		0	High Wind (MAX 61 kt)
	11/19/16 18:27 EST		0	

A strong cold front passed through on the 19th. Strong pressure rises along with cold advection caused high winds from aloft to mix down.

(VA-Z506) EASTERN LOUDOUN

	11/20/16 12:33 EST		0	High Wind (MAX 53 kt)
	11/20/16 12:33 EST		0	

Strong low pressure intensified over New England. A strong pressure gradient between the low and high pressure over the Midwest led to high winds.

WEST VIRGINIA, East

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

	11/19/16 17:00 EST		0	Winter Weather
	11/20/16 22:00 EST		0	

Snow developed due to cold and moist air flowing over the mountains.

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

	11/19/16 18:27 EST		0	High Wind (MAX 52 kt)
	11/19/16 18:27 EST		0	

A strong cold front passed through on the 19th. Strong pressure rises along with cold advection caused high winds from aloft to mix down.

(WV-Z052) BERKELEY, (WV-Z502) EASTERN GRANT

	11/20/16 11:35 EST		0	High Wind (MAX 61 kt)
	11/20/16 16:08 EST		0	

Strong low pressure intensified over New England. A strong pressure gradient between the low and high pressure over the Midwest led to high winds.