

## Storm Data and Unusual Weather Phenomena - December 2017

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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### ATLANTIC NORTH

#### PATAPSCO RIVER INCLUDING BALTIMORE HARBOR COUNTY --- BALTIMORE KEY BRIDGE (FSKM2) [39.22, -76.53]

	12/06/17 01:30 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	12/06/17 02:30 EST	0		Source: Buoy

A wind gust in excess of 30 knots was reported at the Baltimore Key Bridge.

#### CHESAPEAKE BAY POOLES IS TO SANDY PT MD COUNTY --- HART MILLER ISLAND (HRT) [39.25, -76.37]

	12/06/17 01:46 EST	0		Marine Thunderstorm Wind (MG 35 kt)
	12/06/17 01:46 EST	0		Source: Buoy

A wind gust of 35 knots was measured at Hart Miller Island.

#### CHESAPEAKE BAY N OF POOLES IS MD COUNTY --- SUSQUEHANNA RIVER BUOY (44057) [39.54, -76.07]

	12/06/17 02:10 EST	0		Marine Thunderstorm Wind (MG 35 kt)
	12/06/17 02:10 EST	0		Source: Buoy

A wind gust of 35 knots was measured at the Susquehanna Buoy.

**A strong cold front caused gusty showers to develop over the waters during the morning hours of the 6th.**

### DISTRICT OF COLUMBIA

#### (DC-Z001) DISTRICT OF COLUMBIA

	12/09/17 05:00 EST	0		Winter Weather
	12/09/17 21:00 EST	0		

A potent upper-level trough and disturbance associated with the trough passed through the area on the 9th. The forcing from the disturbance caused a period of snow to develop.

### MARYLAND, Central

#### (MD-Z004) FREDERICK, (MD-Z011) SOUTHERN BALTIMORE, (MD-Z013) PRINCE GEORGES, (MD-Z014) ANNE ARUNDEL, (MD-Z016) CHARLES, (MD-Z017) ST. MARY'S, (MD-Z018) CALVERT, (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

	12/08/17 17:00 EST	0		Winter Weather
	12/09/17 21:00 EST	0		

#### (MD-Z005) CARROLL, (MD-Z006) NORTHERN BALTIMORE

	12/09/17 05:00 EST	0		Winter Storm
	12/09/17 21:00 EST	0		

Low pressure passed by to the south and this caused a period of snow across southern Maryland on the 9th. For other locations, a potent upper-level trough and disturbance associated with the trough passed through the area on the 9th. The forcing from the disturbance caused a period of snow to develop.

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

	12/13/17 05:00 EST	0		Cold/Wind Chill
	12/13/17 10:00 EST	0		

Gusty northwest winds and bitterly cold temps caused dangerously low wind chills over the ridges.

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

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	12/13/17 22:00 EST		0	Winter Weather
	12/14/17 12:00 EST		0	

An upslope wind combined with moisture from the Great Lakes caused snow to develop along and west of the Allegheny front.

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(MD-Z004) FREDERICK, (MD-Z005) CARROLL, (MD-Z006) NORTHERN BALTIMORE, (MD-Z011) SOUTHERN BALTIMORE, (MD-Z014) ANNE ARUNDEL, (MD-Z507) NORTHWEST HARFORD, (MD-Z508) SOUTHEAST HARFORD				
	12/15/17 12:00 EST		0	Winter Weather
	12/15/17 17:00 EST		0	

A period of snow developed as weak low pressure tracked through the area.

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(MD-Z501) EXTREME WESTERN ALLEGANY				
	12/27/17 19:00 EST		0	Cold/Wind Chill
	12/28/17 08:00 EST		0	

Gusty northwest winds and bitterly cold temps caused dangerously low wind chills over the ridges.

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(MD-Z004) FREDERICK, (MD-Z005) CARROLL				
	12/30/17 02:00 EST		0	Winter Weather
	12/30/17 08:00 EST		0	

A clipper system brought a period of snow to northern Maryland.

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(MD-Z501) EXTREME WESTERN ALLEGANY, (MD-Z507) NORTHWEST HARFORD, (MD-Z508) SOUTHEAST HARFORD				
	12/31/17 22:00 EST		0	Cold/Wind Chill
	12/31/17 23:59 EST		0	

Gusty winds and bitterly cold temperatures caused dangerously low wind chills.

### VIRGINIA, North

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(VA-Z025) AUGUSTA, (VA-Z026) ROCKINGHAM, (VA-Z029) PAGE, (VA-Z030) WARREN, (VA-Z036) NELSON, (VA-Z037) ALBEMARLE, (VA-Z038) GREENE, (VA-Z039) MADISON, (VA-Z040) RAPPAHANNOCK, (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, (VA-Z501) NORTHERN FAUQUIER, (VA-Z502) SOUTHERN FAUQUIER, (VA-Z505) WESTERN LOUDOUN, (VA-Z506) EASTERN LOUDOUN				
	12/09/17 05:00 EST		0	Winter Weather
	12/09/17 21:00 EST		0	

A potent upper-level trough and disturbance associated with the trough passed through the area on the 9th. The forcing from the disturbance caused a period of snow to develop.

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(VA-Z503) WESTERN HIGHLAND, (VA-Z504) EASTERN HIGHLAND, (VA-Z507) NORTHERN VIRGINIA BLUE RIDGE, (VA-Z508) CENTRAL VIRGINIA BLUE RIDGE				
	12/12/17 23:00 EST		0	Cold/Wind Chill
	12/13/17 10:00 EST		0	

Gusty northwest winds and bitterly cold temps caused dangerously low wind chills over the ridges.

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(VA-Z503) WESTERN HIGHLAND				
	12/24/17 21:00 EST		0	Winter Weather
	12/25/17 14:00 EST		0	

An upslope wind combined with moisture from the Great Lakes caused snow to develop along and west of the Allegheny front.

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(VA-Z503) WESTERN HIGHLAND, (VA-Z507) NORTHERN VIRGINIA BLUE RIDGE, (VA-Z508) CENTRAL VIRGINIA BLUE RIDGE				
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	12/27/17 19:00 EST		0	Cold/Wind Chill
	12/28/17 08:00 EST		0	

Gusty northwest winds and bitterly cold temps caused dangerously low wind chills over the ridges.

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

	12/31/17 22:00 EST		0	Winter Weather
	12/31/17 23:59 EST		0	

Gusty winds and bitterly cold temperatures led to dangerously low wind chills.

### WEST VIRGINIA, East

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

	12/12/17 09:00 EST		0	Winter Weather
	12/12/17 19:00 EST		0	

An upslope wind combined with moisture from the Great Lakes caused snow to develop along and west of the Allegheny front.

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

	12/12/17 23:00 EST		0	Cold/Wind Chill
	12/13/17 10:00 EST		0	

Gusty northwest winds and bitterly cold temps caused dangerously low wind chills over the ridges.

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**(WV-Z501) WESTERN GRANT, (WV-Z503) WESTERN MINERAL**

	12/13/17 22:00 EST		0	Winter Weather
	12/14/17 12:00 EST		0	

An upslope wind combined with moisture from the Great Lakes caused snow to develop along and west of the Allegheny front.

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

	12/24/17 21:00 EST		0	Winter Weather
	12/25/17 14:00 EST		0	

An upslope wind combined with moisture from the Great Lakes caused snow to develop along and west of the Allegheny front.

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

	12/27/17 19:00 EST		0	Cold/Wind Chill
	12/28/17 08:00 EST		0	

Gusty northwest winds and bitterly cold temps caused dangerously low wind chills over the ridges.

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

	12/29/17 23:00 EST		0	Winter Storm
	12/30/17 18:00 EST		0	

An upslope flow caused snow to develop along and west of the Allegheny Front.

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

	12/31/17 22:00 EST		0	Cold/Wind Chill
	12/31/17 23:59 EST		0	

Gusty winds and bitterly cold temperatures led to dangerously low wind chills.