

Storm Data and Unusual Weather Phenomena - January 2018

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
ATLANTIC NORTH				
CHESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY --- GOOSSES REEF BUOY (44062) [38.56, -76.41]				
	01/23/18 13:20 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	01/23/18 13:20 EST		0	Source: Buoy

A wind gusts in excess of 30 knots was reported at Gooses Reef.

A strong cold front passed through on the 12th. Despite limited instability, there was enough forcing for showers to develop along the cold front. These showers were able to mix down some of the gusty winds from aloft.

DISTRICT OF COLUMBIA

(DC-Z001) DISTRICT OF COLUMBIA				
	01/03/18 23:00 EST		0	Winter Weather
	01/04/18 14:00 EST		0	

Low pressure rapidly intensified offshore. A period of snow developed due to the lows rapid intensification. Although snow amounts were light, it impacted the morning rush thanks to cold temperatures that allowed the light snow to stick.

(DC-Z001) DISTRICT OF COLUMBIA				
	01/08/18 14:00 EST		0	Winter Weather
	01/08/18 21:00 EST		0	

Low pressure passed by to the west. Warm and moist air overran the arctic air in place causing a period of freezing rain.

(DC-Z001) DISTRICT OF COLUMBIA				
	01/17/18 00:00 EST		0	Winter Weather
	01/17/18 04:00 EST		0	

A couple waves of low pressure brought some precipitation to the area, and there was enough cold air ahead of this system for the precipitation type to be snow.

MARYLAND, Central

(MD-Z501) EXTREME WESTERN ALLEGANY, (MD-Z507) NORTHWEST HARFORD, (MD-Z508) SOUTHEAST HARFORD				
	01/01/18 00:00 EST		0	Cold/Wind Chill
	01/02/18 11:00 EST		0	

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

(MD-Z004) FREDERICK, (MD-Z005) CARROLL, (MD-Z006) NORTHERN BALTIMORE, (MD-Z011) SOUTHERN BALTIMORE, (MD-Z013) PRINCE GEORGES, (MD-Z014) ANNE ARUNDEL, (MD-Z016) CHARLES, (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				
	01/03/18 23:00 EST		0	Winter Weather
	01/04/18 14:00 EST		0	

(MD-Z017) ST. MARY'S, (MD-Z018) CALVERT				
	01/03/18 23:00 EST		0	Winter Storm
	01/04/18 14:00 EST		0	

Low pressure rapidly intensified offshore. A period of snow developed due to the lows rapid intensification. Although snow amounts were light, it impacted the morning rush thanks to cold temperatures that allowed the light snow to stick.

(MD-Z003) WASHINGTON, (MD-Z004) FREDERICK, (MD-Z005) CARROLL, (MD-Z006) NORTHERN BALTIMORE, (MD-Z011) SOUTHERN BALTIMORE,				
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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
(MD-Z013) PRINCE GEORGES, (MD-Z014) ANNE ARUNDEL, (MD-Z016) CHARLES, (MD-Z017) ST. MARY'S, (MD-Z018) CALVERT, (MD-Z501) EXTREME WESTERN ALLEGANY, (MD-Z502) CENTRAL AND EASTERN ALLEGANY, (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				

01/04/18 05:00 EST	0	Cold/Wind Chill
01/05/18 10:00 EST	0	

(MD-Z501) EXTREME WESTERN ALLEGANY

01/05/18 02:00 EST	0	Extreme Cold/Wind Chill
01/06/18 08:00 EST	0	

Arctic air and gusty winds caused low wind chills to develop.

(MD-Z003) WASHINGTON, (MD-Z004) FREDERICK, (MD-Z005) CARROLL, (MD-Z006) NORTHERN BALTIMORE, (MD-Z011) SOUTHERN BALTIMORE, (MD-Z013) PRINCE GEORGES, (MD-Z014) ANNE ARUNDEL, (MD-Z501) EXTREME WESTERN ALLEGANY, (MD-Z502) CENTRAL AND EASTERN ALLEGANY, (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

01/08/18 10:00 EST	0	Winter Weather
01/08/18 21:00 EST	0	

Low pressure passed by to the west. Warm and moist air overran the arctic air in place causing a period of freezing rain.

WASHINGTON COUNTY --- 1.2 NW KEMPS [39.63, -77.84], 1.1 WNW KEMPS [39.63, -77.84], 1.0 WNW KEMPS [39.63, -77.84], 1.2 NW KEMPS [39.63, -77.84]

01/13/18 18:00 EST	0	Flood (due to Ice Jam)
01/15/18 18:00 EST	0	Source: Emergency Manager

Emergency Management reported flooding on Conococheague Creek near Kemps Mill and Snug Harbor Lane. Water and ice forced the closure of Snug Harbor Lane for approximately two days, from Saturday evening until Monday evening. Water levels decreased enough by Monday evening to allow locals to clear the ice from the road and make it passable again.

A partial ice blockage occurred on Conococheague Creek, forcing water backup flooding for a few days until enough water could move through.

(MD-Z003) WASHINGTON, (MD-Z004) FREDERICK, (MD-Z005) CARROLL, (MD-Z006) NORTHERN BALTIMORE, (MD-Z011) SOUTHERN BALTIMORE, (MD-Z013) PRINCE GEORGES, (MD-Z014) ANNE ARUNDEL, (MD-Z501) EXTREME WESTERN ALLEGANY, (MD-Z502) CENTRAL AND EASTERN ALLEGANY, (MD-Z503) NORTHWEST MONTGOMERY, (MD-Z505) NORTHWEST HOWARD, (MD-Z507) NORTHWEST HARFORD, (MD-Z508) SOUTHEAST HARFORD

01/16/18 09:00 EST	0	Winter Weather
01/17/18 04:00 EST	0	

A couple waves of low pressure brought some precipitation to the area, and there was enough cold air ahead of this system for the precipitation type to be snow.

VIRGINIA, North

(VA-Z052) PRINCE WILLIAM, (VA-Z055) STAFFORD, (VA-Z501) NORTHERN FAUQUIER, (VA-Z502) SOUTHERN FAUQUIER, (VA-Z503) WESTERN HIGHLAND, (VA-Z504) EASTERN HIGHLAND, (VA-Z507) NORTHERN VIRGINIA BLUE RIDGE, (VA-Z508) CENTRAL VIRGINIA BLUE RIDGE

01/01/18 00:00 EST	0	Cold/Wind Chill
01/02/18 11:00 EST	0	

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

(VA-Z053) FAIRFAX, (VA-Z054) ARLINGTON, (VA-Z055) STAFFORD, (VA-Z056) SPOTSYLVANIA, (VA-Z057) KING GEORGE

01/03/18 23:00 EST	0	Winter Weather
01/04/18 14:00 EST	0	

Low pressure rapidly intensified offshore. A period of snow developed due to the lows rapid intensification. Although snow amounts were light, it impacted the morning rush thanks to cold temperatures that allowed the light snow to stick.

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(VA-Z025) AUGUSTA, (VA-Z026) ROCKINGHAM, (VA-Z027) SHENANDOAH, (VA-Z028) FREDERICK, (VA-Z029) PAGE, (VA-Z030) WARREN, (VA-Z031) CLARKE, (VA-Z038) GREENE, (VA-Z039) MADISON, (VA-Z040) RAPPAHANNOCK, (VA-Z051) CULPEPER, (VA-Z052) PRINCE WILLIAM, (VA-Z053) FAIRFAX, (VA-Z054) ARLINGTON, (VA-Z501) NORTHERN FAUQUIER, (VA-Z502) SOUTHERN FAUQUIER, (VA-Z503) WESTERN HIGHLAND, (VA-Z504) EASTERN HIGHLAND, (VA-Z505) WESTERN LOUDOUN, (VA-Z506) EASTERN LOUDOUN, (VA-Z507) NORTHERN VIRGINIA BLUE RIDGE, (VA-Z508) CENTRAL VIRGINIA BLUE RIDGE				
	01/04/18 05:00 EST		0	Cold/Wind Chill
	01/05/18 10:00 EST		0	
(VA-Z503) WESTERN HIGHLAND, (VA-Z504) EASTERN HIGHLAND, (VA-Z507) NORTHERN VIRGINIA BLUE RIDGE, (VA-Z508) CENTRAL VIRGINIA BLUE RIDGE				
	01/05/18 02:00 EST		0	Extreme Cold/Wind Chill
	01/06/18 08:00 EST		0	
Arctic air and gusty winds caused low wind chills to develop.				
(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-Z054) ARLINGTON, (VA-Z055) STAFFORD, (VA-Z056) SPOTSYLVANIA, (VA-Z501) NORTHERN FAUQUIER, (VA-Z502) SOUTHERN FAUQUIER, (VA-Z503) WESTERN HIGHLAND, (VA-Z504) EASTERN HIGHLAND, (VA-Z505) WESTERN LOUDOUN, (VA-Z506) EASTERN LOUDOUN, (VA-Z507) NORTHERN VIRGINIA BLUE RIDGE, (VA-Z508) CENTRAL VIRGINIA BLUE RIDGE				
	01/08/18 12:00 EST		0	Winter Weather
	01/08/18 21:00 EST		0	
Low pressure passed by to the west. Warm and moist air overran the arctic air in place causing a period of freezing rain.				
GREENE COUNTY --- 2.1 SSE RUCKERSVILLE [38.20, -78.36]				
	01/12/18 16:57 EST		0	Thunderstorm Wind (EG 50 kt)
	01/12/18 16:57 EST		0	Source: State Official
A medium sized oak tree was uprooted.				
A strong cold front passed through on the 12th. Despite limited instability, there was enough forcing for showers to develop along the cold front. These showers were able to mix down some of the very strong winds from aloft.				
(VA-Z052) PRINCE WILLIAM, (VA-Z053) FAIRFAX, (VA-Z054) ARLINGTON, (VA-Z503) WESTERN HIGHLAND				
	01/16/18 09:00 EST		0	Winter Weather
	01/17/18 04:00 EST		0	
A couple waves of low pressure brought some precipitation to the area, and there was enough cold air ahead of this system for the precipitation type to be snow.				
WEST VIRGINIA, East				
(WV-Z050) HAMPSHIRE, (WV-Z055) HARDY, (WV-Z501) WESTERN GRANT, (WV-Z503) WESTERN MINERAL, (WV-Z505) WESTERN PENDLETON, (WV-Z506) EASTERN PENDLETON				
	01/01/18 00:00 EST		0	Cold/Wind Chill
	01/02/18 11:00 EST		0	
Gusty winds and bitterly cold temperatures led to dangerously low wind chills.				
(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				
	01/04/18 05:00 EST		0	Cold/Wind Chill
	01/05/18 10:00 EST		0	
(WV-Z501) WESTERN GRANT, (WV-Z503) WESTERN MINERAL, (WV-Z505) WESTERN PENDLETON, (WV-Z506) EASTERN PENDLETON				
	01/05/18 02:00 EST		0	Extreme Cold/Wind Chill
	01/06/18 08:00 EST		0	

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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Arctic air and gusty winds caused low wind chills to develop.

(WV-Z051) MORGAN, (WV-Z052) BERKELEY, (WV-Z053) JEFFERSON, (WV-Z501) WESTERN GRANT, (WV-Z502) EASTERN GRANT, (WV-Z503) WESTERN MINERAL, (WV-Z504) EASTERN MINERAL

01/08/18 10:00 EST	0	Winter Weather
01/08/18 16:00 EST	0	

Low pressure passed by to the west. Warm and moist air overran the arctic air in place causing a period of freezing rain.

(WV-Z050) HAMPSHIRE, (WV-Z051) MORGAN, (WV-Z052) BERKELEY, (WV-Z501) WESTERN GRANT, (WV-Z502) EASTERN GRANT, (WV-Z503) WESTERN MINERAL, (WV-Z504) EASTERN MINERAL, (WV-Z505) WESTERN PENDLETON, (WV-Z506) EASTERN PENDLETON

01/16/18 09:00 EST	0	Winter Weather
01/17/18 04:00 EST	0	

A couple waves of low pressure brought some precipitation to the area, and there was enough cold air ahead of this system for the precipitation type to be snow.

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

01/29/18 22:00 EST	0	Winter Weather
01/30/18 11:00 EST	0	

Cold and moist air flowing over the mountains caused a period of snow for locations along and west of the Allegheny Front.