

Storm Data and Unusual Weather Phenomena - January 2017

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

(DC-Z001) DISTRICT OF COLUMBIA

	01/30/17 00:00 EST	0		Winter Weather
	01/30/17 05:00 EST	0		

Low pressure passed through the area and plenty of cold air was in place for a period of snow.

MARYLAND, Central

(MD-Z004) FREDERICK, (MD-Z005) CARROLL, (MD-Z006) NORTHERN BALTIMORE, (MD-Z011) SOUTHERN BALTIMORE, (MD-Z501) EXTREME WESTERN ALLEGANY, (MD-Z505) NORTHWEST HOWARD, (MD-Z507) NORTHWEST HARFORD, (MD-Z508) SOUTHEAST HARFORD

	01/05/17 12:00 EST	0		Winter Weather
	01/06/17 06:00 EST	0		

Low pressure developed and tracked off Mid-Atlantic coast at the same time colder air was funneling in from the north. This resulted in a period of snow.

(MD-Z016) CHARLES

	01/07/17 03:00 EST	0		Winter Weather
	01/07/17 15:00 EST	0		

(MD-Z017) ST. MARY'S, (MD-Z018) CALVERT

	01/07/17 03:00 EST	0		Winter Storm
	01/07/17 15:00 EST	0		

Low pressure tracked from the southeastern CONUS off the Mid-Atlantic coast and eventually out to sea. High pressure to the north provided plenty of cold air during this time, resulting in snow.

(MD-Z003) WASHINGTON, (MD-Z004) FREDERICK, (MD-Z005) CARROLL, (MD-Z006) NORTHERN BALTIMORE, (MD-Z501) EXTREME WESTERN ALLEGANY, (MD-Z502) CENTRAL AND EASTERN ALLEGANY, (MD-Z507) NORTHWEST HARFORD

	01/10/17 19:00 EST	0		Winter Weather
	01/11/17 01:00 EST	0		

Low pressure tracked through the Great Lakes, bringing some rain to the area. However, there was enough low-level cold air for a brief period of light freezing rain.

(MD-Z003) WASHINGTON, (MD-Z004) FREDERICK, (MD-Z005) CARROLL, (MD-Z006) NORTHERN BALTIMORE, (MD-Z011) SOUTHERN BALTIMORE, (MD-Z014) ANNE ARUNDEL, (MD-Z501) EXTREME WESTERN ALLEGANY, (MD-Z502) CENTRAL AND EASTERN ALLEGANY, (MD-Z503) NORTHWEST MONTGOMERY, (MD-Z505) NORTHWEST HOWARD, (MD-Z506) CENTRAL AND SOUTHEAST HOWARD, (MD-Z507) NORTHWEST HARFORD, (MD-Z508) SOUTHEAST HARFORD

	01/13/17 22:00 EST	0		Winter Weather
	01/15/17 02:00 EST	0		

Low pressure passed through the area. There was enough cold air trapped near the surface for a period of freezing rain.

(MD-Z501) EXTREME WESTERN ALLEGANY

	01/23/17 12:00 EST	0		Winter Weather
	01/24/17 02:00 EST	0		

Coastal low pressure impacted the area. A strong upper-level low provided just enough cold air for rain to change to snow before precipitation ended.

(MD-Z013) PRINCE GEORGES, (MD-Z014) ANNE ARUNDEL, (MD-Z016) CHARLES, (MD-Z017) ST. MARY'S, (MD-Z018) CALVERT

	01/30/17 00:00 EST	0		Winter Weather
	01/30/17 05:00 EST	0		

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Low pressure passed through the area and plenty of cold air was in place for a period of snow across southern Maryland.

VIRGINIA, North

(VA-Z027) SHENANDOAH, (VA-Z028) FREDERICK, (VA-Z031) CLARKE, (VA-Z503) WESTERN HIGHLAND, (VA-Z505) WESTERN LOUDOUN	01/05/17 12:00 EST	0	0	Winter Weather
	01/06/17 06:00 EST	0	0	

Low pressure developed and tracked off Mid-Atlantic coast at the same time colder air was funneling in from the north. This resulted in a period of snow.

(VA-Z025) AUGUSTA, (VA-Z036) NELSON, (VA-Z037) ALBEMARLE, (VA-Z038) GREENE, (VA-Z039) MADISON, (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-Z502) SOUTHERN FAUQUIER, (VA-Z507) NORTHERN VIRGINIA BLUE RIDGE, (VA-Z508) CENTRAL VIRGINIA BLUE RIDGE	01/07/17 01:00 EST	0	0	Winter Weather
	01/07/17 15:00 EST	0	0	

Low pressure tracked from the southeastern CONUS off the Mid-Atlantic coast and eventually out to sea. High pressure to the north provided plenty of cold air during this time, resulting in snow.

(VA-Z026) ROCKINGHAM, (VA-Z027) SHENANDOAH, (VA-Z028) FREDERICK, (VA-Z029) PAGE, (VA-Z030) WARREN, (VA-Z031) CLARKE, (VA-Z507) NORTHERN VIRGINIA BLUE RIDGE, (VA-Z508) CENTRAL VIRGINIA BLUE RIDGE	01/10/17 19:00 EST	0	0	Winter Weather
	01/11/17 00:00 EST	0	0	

Low pressure tracked through the Great Lakes, bringing some rain to the area. However, there was enough low-level cold air for a brief period of light freezing rain.

(VA-Z025) AUGUSTA, (VA-Z026) ROCKINGHAM, (VA-Z027) SHENANDOAH, (VA-Z028) FREDERICK, (VA-Z029) PAGE, (VA-Z030) WARREN, (VA-Z031) CLARKE, (VA-Z501) NORTHERN FAUQUIER, (VA-Z503) WESTERN HIGHLAND, (VA-Z504) EASTERN HIGHLAND, (VA-Z505) WESTERN LOUDOUN, (VA-Z507) NORTHERN VIRGINIA BLUE RIDGE, (VA-Z508) CENTRAL VIRGINIA BLUE RIDGE	01/14/17 00:00 EST	0	0	Winter Weather
	01/14/17 14:00 EST	0	0	

Low pressure passed through the area. There was enough cold air trapped near the surface for a period of freezing rain.

(VA-Z503) WESTERN HIGHLAND, (VA-Z507) NORTHERN VIRGINIA BLUE RIDGE, (VA-Z508) CENTRAL VIRGINIA BLUE RIDGE	01/23/17 12:00 EST	0	0	Winter Weather
	01/24/17 02:00 EST	0	0	

Coastal low pressure impacted the area. A strong upper-level low provided just enough cold air for rain and as a period of snow and freezing rain over the higher elevations.

(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-Z502) SOUTHERN FAUQUIER, (VA-Z503) WESTERN HIGHLAND, (VA-Z507) NORTHERN VIRGINIA BLUE RIDGE	01/29/17 13:00 EST	0	0	Winter Weather
	01/30/17 07:00 EST	0	0	

Low pressure passed through the area and plenty of cold air was in place for a period of snow across central Virginia.

WEST VIRGINIA, East

(WV-Z050) HAMPSHIRE, (WV-Z051) MORGAN, (WV-Z052) BERKELEY, (WV-Z053) JEFFERSON, (WV-Z055) HARDY, (WV-Z501) WESTERN GRANT, (WV-Z503) WESTERN MINERAL, (WV-Z505) WESTERN PENDLETON	01/05/17 12:00 EST	0	0	Winter Weather
	01/06/17 06:00 EST	0	0	

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Low pressure developed and tracked off Mid-Atlantic coast at the same time colder air was funneling in from the north. This resulted in a period of snow.

(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	01/10/17 19:00 EST	0	0	Winter Weather
	01/11/17 00:00 EST	0	0	

Low pressure tracked through the Great Lakes, bringing some rain to the area. However, there was enough low-level cold air for a brief period of light freezing rain.

(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	01/13/17 22:00 EST	0	0	Winter Weather
	01/14/17 14:00 EST	0	0	

Low pressure passed through the area. There was enough cold air trapped near the surface for a period of freezing rain.

(WV-Z501) WESTERN GRANT, (WV-Z503) WESTERN MINERAL, (WV-Z505) WESTERN PENDLETON	01/23/17 12:00 EST	0	0	Winter Weather
	01/24/17 02:00 EST	0	0	

Coastal low pressure impacted the area. A strong upper-level low provided just enough cold air for rain to change to snow before precipitation ended.

BERKELEY COUNTY --- 2.0 ENE (MRB)SHEPHERD FLD MR [39.42, -77.95], 2.1 ENE (MRB)SHEPHERD FLD MR [39.41, -77.94], 2.4 WSW VANCELEVESVILLE [39.42, -77.94], 2.3 WSW VANCELEVESVILLE [39.41, -77.94], 2.1 WSW VANCELEVESVILLE [39.42, -77.94], 2.0 WSW VANCELEVESVILLE [39.42, -77.93], 2.1 WSW VANCELEVESVILLE [39.42, -77.94], 2.0 SSW BLAIRTON [39.42, -77.94]	01/24/17 04:52 EST	0	0	Flood (due to Heavy Rain)
	01/24/17 13:35 EST	0	0	Source: River/Stream Gage

The river gauge at Martinsburg at Opequon Creek reached their flood stage of 10 feet. The river crested at 10.70 feet at 10:00 EST. Floodwaters began to cover Douglas Grove Road east of Martinsburg. A portion of Bowers Road is also flooded. Low lying areas near the creek begin to flood. Water also began to cover the stream access point at Stone Bridge.

BERKELEY COUNTY --- 1.3 SSE TOMAHAWK [39.51, -78.04], 1.6 SSE TOMAHAWK [39.51, -78.04], 1.5 SSE TOMAHAWK [39.51, -78.04], 1.5 SE TOMAHAWK [39.51, -78.03], 1.4 SE TOMAHAWK [39.51, -78.03], 1.4 SSE TOMAHAWK [39.51, -78.04], 1.3 SSE TOMAHAWK [39.51, -78.04]	01/24/17 08:06 EST	0	0	Flood (due to Heavy Rain)
	01/24/17 09:30 EST	0	0	Source: River/Stream Gage

The river gauge in Jones Spring on Back Creek reached their flood stage of 11 feet. The river crested at 11.06 feet at 9:30 EST. Dry Run Road begins to flood. Water approaches Daisy Lane.

Low pressure moved across eastern NC to the Delmarva peninsula and easterly flow allowed moisture to advect into the Mid-Atlantic Region. Moderate to heavy rainfall occurred across the Upper Potomac Basin and led to isolated areas of river flooding.

(WV-Z501) WESTERN GRANT	01/26/17 14:00 EST	0	0	Winter Weather
	01/27/17 08:00 EST	0	0	

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

(WV-Z501) WESTERN GRANT, (WV-Z505) WESTERN PENDLETON	01/29/17 13:00 EST	0	0	Winter Weather
	01/30/17 07:00 EST	0	0	

Low pressure passed through the area and plenty of cold air was in place for a period of snow along and west of the Allegheny Front.