

Storm Data and Unusual Weather Phenomena - February 2018

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

CHESAPEAKE BAY DRUM PT TO SMITH PT VA COUNTY --- PATUXENT RIVER ASOS (KNAK) [38.29, -76.41]

	02/11/18 13:53 EST	0		Marine Thunderstorm Wind (MG 40 kt)
	02/11/18 13:53 EST	0		Source: AWOS

A wind gust of 40 knots was measured at KNHK.

Gusty showers developed ahead of a strong cold front.

CHESAPEAKE BAY POOLES IS TO SANDY PT MD COUNTY --- (KMTN)MARTIN STATE AIRPORT [39.33, -76.42]

	02/16/18 13:55 EST	0		Marine Thunderstorm Wind (MG 35 kt)
	02/16/18 13:55 EST	0		Source: AWOS

A wind gust of 35 knots was reported at Martin State.

PATAPSCO RIVER INCLUDING BALTIMORE HARBOR COUNTY --- HAMPSTEAD HILL ACADEMY (BLMH) [39.29, -76.58]

	02/16/18 13:55 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	02/16/18 13:55 EST	0		Source: Mesonet

A wind gust in excess of 30 knots was reported at the Hampstead Hill Academy.

TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- QUANTICO (KNYG) [38.51, -77.30]

	02/16/18 14:35 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	02/16/18 14:35 EST	0		Source: AWOS

A wind gust in excess of 30 knots was reported at Quantico.

TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- (DCA)REAGAN NATIONAL AIRPORT [38.86, -77.03]

	02/16/18 15:07 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	02/16/18 15:07 EST	0		Source: ASOS

A wind gust in excess of 30 knots was reported at Reagan National Airport.

CHESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY --- 4.6 S MID BAY BUOY [38.40, -76.39]

	02/16/18 15:36 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	02/16/18 15:36 EST	0		Source: Buoy

A wind gust in excess of 30 knots was reported at Cove Point.

Gusty showers developed ahead of a cold front.

DISTRICT OF COLUMBIA

(DC-Z001) DISTRICT OF COLUMBIA

	02/04/18 09:00 EST	0		Winter Weather
	02/04/18 19:00 EST	0		

Weak low pressure tracked up the Mid-Atlantic Coast. A cold air mass in place caused precipitation with this low to fall in the form of snow and ice.

(DC-Z001) DISTRICT OF COLUMBIA

	02/07/18 03:00 EST	0		Winter Weather
	02/07/18 09:00 EST	0		

Low pressure tracked up the Appalachians. Warm and moist air overran the colder air in place, resulting in precipitation. There was a cold layer near the surface that caused freezing rain.

Storm Data and Unusual Weather Phenomena - February 2018

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
(DC-Z001) DISTRICT OF COLUMBIA				
	02/24/18 00:52 EST		0	Dense Fog
	02/24/18 10:03 EST		0	

An unusually moist air mass and light winds led to areas of dense fog.

MARYLAND, Central

(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

02/04/18 09:00 EST	0	Winter Weather
02/04/18 19:00 EST	0	

Weak low pressure tracked up the Mid-Atlantic Coast. A cold air mass in place caused precipitation with this low to fall in the form of snow and ice.

(MD-Z003) WASHINGTON, (MD-Z501) EXTREME WESTERN ALLEGANY, (MD-Z502) CENTRAL AND EASTERN ALLEGANY

02/07/18 03:00 EST	0	Winter Storm
02/07/18 14:00 EST	0	

(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-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

02/07/18 03:00 EST	0	Winter Weather
02/07/18 14:00 EST	0	

Low pressure tracked up the Appalachians. Warm and moist air overran the colder air in place, resulting in precipitation. There was a cold layer near the surface that caused freezing rain.

ANNE ARUNDEL COUNTY --- 1.2 NNE RUTLAND [38.99, -76.62], 1.2 NNE RUTLAND [38.99, -76.62], 1.3 NNE RUTLAND [38.99, -76.62], 1.2 WNW LUSBY XRDS [38.99, -76.62]

02/11/18 10:27 EST	0	Flood (due to Heavy Rain)
02/12/18 08:00 EST	0	Source: Broadcast Media

Rutland Road was flooded and closed near Route 450.

PRINCE GEORGE'S COUNTY --- 0.4 S UPPER MARLBORO [38.81, -76.75], 0.4 S UPPER MARLBORO [38.81, -76.75], 0.4 S UPPER MARLBORO [38.81, -76.75], 0.5 S UPPER MARLBORO [38.81, -76.75]

02/11/18 11:32 EST	0	Flood (due to Heavy Rain)
02/12/18 13:21 EST	0	Source: Other Federal Agency

The USGS stream gauge on the Western Branch Patuxent River at Upper Marlboro exceeded flood stage between 1132 AM on the 11th and 121 PM on the 12th. While the gauge was above flood stage, Water Street in Upper Marlboro was flooded. For most of that timeframe it was also closed.

CHARLES COUNTY --- 0.7 ESE INDIAN HD MRYLND ARP [38.60, -77.06], 0.8 E INDIAN HD MRYLND ARP [38.60, -77.05], 1.0 ESE INDIAN HD MRYLND ARP [38.60, -77.05], 1.7 SSW INDIAN HD MRYLND ARP [38.58, -77.08], 1.3 SSW INDIAN HD MRYLND ARP [38.58, -77.08]

02/11/18 14:56 EST	0	Flood (due to Heavy Rain)
02/12/18 10:30 EST	0	Source: Other Federal Agency

The USGS stream gauge on Mattawoman Creek near Pomonkey exceeded flood stage between 256 PM on the 11th and 1030 AM on the 12th. Several roads, including Maryland Route 227, were flooded and closed while the gauge was over flood stage.

Heavy precipitation developed along a stalled front during the overnight hours of February 10th into February 11th, causing flooding in southern Maryland. Stream flooding persisted into February 12th.

(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

Storm Data and Unusual Weather Phenomena - February 2018

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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				
	02/17/18 13:00 EST		0	Winter Weather
	02/17/18 21:00 EST		0	

Low pressure to our west transferred its energy to a weak coastal low off the Mid-Atlantic Coast. High pressure to the north supplied the cold air and moisture from the low caused snow 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-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				
	02/23/18 23:53 EST		0	Dense Fog
	02/24/18 14:01 EST		0	

An unusually moist air mass and light winds led to areas of dense fog.

(MD-Z011) SOUTHERN BALTIMORE, (MD-Z013) PRINCE GEORGES, (MD-Z014) ANNE ARUNDEL, (MD-Z016) CHARLES, (MD-Z017) ST. MARY'S, (MD-Z018) CALVERT, (MD-Z505) NORTHWEST HOWARD, (MD-Z506) CENTRAL AND SOUTHEAST HOWARD, (MD-Z508) SOUTHEAST HARFORD				
	02/25/18 05:46 EST		0	Dense Fog
	02/26/18 05:15 EST		0	

An unusually moist air mass and light winds led to areas of dense fog.

VIRGINIA, North

(VA-Z503) WESTERN HIGHLAND				
	02/01/18 19:00 EST		0	Winter Weather
	02/02/18 04:00 EST		0	

Cold and moist air flowed over the mountains, resulting in snow for locations along and west of the Allegheny Front.

(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-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-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				
	02/04/18 08:00 EST		0	Winter Weather
	02/04/18 19:00 EST		0	

(VA-Z503) WESTERN HIGHLAND				
	02/04/18 08:00 EST		0	Winter Storm
	02/04/18 17:00 EST		0	

Weak low pressure tracked up the Mid-Atlantic Coast. A cold air mass in place caused precipitation with this low to fall in the form of snow and ice.

(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-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-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				
	02/07/18 01:00 EST		0	Winter Weather
	02/07/18 14:00 EST		0	

Low pressure tracked up the Appalachians. Warm and moist air overran the colder air in place, resulting in precipitation. There was a cold layer near the surface that caused freezing rain.

Storm Data and Unusual Weather Phenomena - February 2018

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
ALBEMARLE COUNTY --- 0.4 NW CAMPBELL [38.03, -78.31], 0.4 NW CAMPBELL [38.03, -78.30], 0.3 NW CAMPBELL [38.03, -78.30], 0.3 WNW CAMPBELL [38.03, -78.31]				
	02/11/18 05:37 EST		0	Flood (due to Heavy Rain)
	02/11/18 09:47 EST		0	Source: Department of Highways
Heavy rain caused Route 600 to flood and be closed near Mechunk Creek.				

PRINCE WILLIAM COUNTY --- 0.4 WNW WOODBRIDGE [38.65, -77.26], 0.4 WNW WOODBRIDGE [38.65, -77.26], 0.4 WNW WOODBRIDGE [38.65, -77.26], 0.3 WNW WOODBRIDGE [38.65, -77.26]				
	02/11/18 06:21 EST		0	Flood (due to Heavy Rain)
	02/11/18 11:01 EST		0	Source: Department of Highways
A portion of US Route 1 and Marys Way near Woodbridge was flooded and closed.				

NELSON COUNTY --- 0.4 WNW GLADSTONE [37.55, -78.88], 0.4 W GLADSTONE [37.55, -78.88], 0.3 WSW GLADSTONE [37.55, -78.87], 0.3 S GLADSTONE [37.55, -78.87], 0.2 SSE GLADSTONE [37.55, -78.87]				
	02/11/18 06:30 EST		0	Flood (due to Heavy Rain)
	02/11/18 12:50 EST		0	Source: 911 Call Center
Portions of Union School Road and Gladstone Road were reported flooded and impassible.				

ALBEMARLE COUNTY --- 1.3 WSW SCOTTSVILLE [37.79, -78.52], 1.2 WSW SCOTTSVILLE [37.79, -78.52], 1.2 WSW SCOTTSVILLE [37.79, -78.52], 1.2 WSW SCOTTSVILLE [37.79, -78.52]				
	02/11/18 08:05 EST		0	Flood (due to Heavy Rain)
	02/11/18 10:00 EST		0	Source: 911 Call Center
James River Road bridge flooded and closed.				

STAFFORD COUNTY --- 1.3 ENE FALMOUTH [38.33, -77.45], 1.2 NW FERRY FARMS [38.33, -77.45], 1.2 WNW FERRY FARMS [38.33, -77.45], 1.2 ENE FALMOUTH [38.33, -77.45]				
	02/11/18 09:56 EST		0	Flood (due to Heavy Rain)
	02/11/18 12:00 EST		0	Source: 911 Call Center
Heavy rain caused flooding of Harrell Road near Falmouth. The road was closed.				

Heavy precipitation developed along a stalled front during the overnight hours of February 10th into February 11th, causing flooding mainly in Central Virginia and the Virginia Piedmont region.

(VA-Z025) AUGUSTA, (VA-Z026) ROCKINGHAM, (VA-Z027) SHENANDOAH, (VA-Z028) FREDERICK, (VA-Z029) PAGE, (VA-Z030) WARREN, (VA-Z031) CLARKE, (VA-Z040) RAPPAHANNOCK, (VA-Z053) FAIRFAX, (VA-Z501) NORTHERN FAUQUIER, (VA-Z503) WESTERN HIGHLAND, (VA-Z504) EASTERN HIGHLAND, (VA-Z505) WESTERN LOUDOUN, (VA-Z506) EASTERN LOUDOUN, (VA-Z507) NORTHERN VIRGINIA BLUE RIDGE				
	02/17/18 11:00 EST		0	Winter Weather
	02/17/18 21:00 EST		0	

Low pressure to our west transferred its energy to a weak coastal low off the Mid-Atlantic Coast. High pressure to the north supplied the cold air and moisture from the low caused snow to develop.

(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-Z505) WESTERN LOUDOUN, (VA-Z506) EASTERN LOUDOUN				
	02/24/18 00:52 EST		0	Dense Fog
	02/24/18 10:03 EST		0	
An unusually moist air mass and light winds led to areas of dense fog.				

(VA-Z052) PRINCE WILLIAM, (VA-Z053) FAIRFAX, (VA-Z055) STAFFORD, (VA-Z057) KING GEORGE, (VA-Z501) NORTHERN FAUQUIER, (VA-Z502) SOUTHERN FAUQUIER, (VA-Z505) WESTERN LOUDOUN, (VA-Z506) EASTERN LOUDOUN				
	02/25/18 23:15 EST		0	Dense Fog
	02/26/18 05:15 EST		0	
An unusually moist air mass and light winds led to areas of dense fog.				

Storm Data and Unusual Weather Phenomena - February 2018

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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WEST VIRGINIA, East

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

02/01/18 19:00 EST	0	Winter Weather
02/02/18 04:00 EST	0	

Cold and moist air flowed over the mountains, resulting in snow for locations along and west of the Allegheny Front.

(WV-Z053) JEFFERSON, (WV-Z055) HARDY, (WV-Z501) WESTERN GRANT, (WV-Z502) EASTERN GRANT, (WV-Z505) WESTERN PENDLETON, (WV-Z506) EASTERN PENDLETON

02/03/18 01:00 EST	0	Winter Weather
02/03/18 14:00 EST	0	

(WV-Z050) HAMPSHIRE, (WV-Z051) MORGAN, (WV-Z052) BERKELEY, (WV-Z503) WESTERN MINERAL

02/07/18 03:00 EST	0	Winter Storm
02/07/18 14:00 EST	0	

Low pressure tracked up the Appalachians. Warm and moist air overran the colder air in place, resulting in precipitation. There was a cold layer near the surface that caused 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-Z506) EASTERN PENDLETON

02/04/18 08:00 EST	0	Winter Weather
02/04/18 19:00 EST	0	

(WV-Z505) WESTERN PENDLETON

02/04/18 08:00 EST	0	Winter Storm
02/04/18 17:00 EST	0	

Weak low pressure tracked up the Mid-Atlantic Coast. A cold air mass in place caused precipitation with this low to fall in the form of snow and ice.

(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

02/17/18 13:00 EST	0	Winter Weather
02/17/18 21:00 EST	0	

Low pressure to our west transferred its energy to a weak coastal low off the Mid-Atlantic Coast. High pressure to the north supplied the cold air and moisture from the low caused snow to develop.