

## Storm Data and Unusual Weather Phenomena - October 2016

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>ATLANTIC NORTH</b>				
<b>TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- QUANTICO (KNYG) [38.51, -77.30]</b>				
	10/21/16 12:45 EST		0	Marine Thunderstorm Wind (MG 41 kt)
	10/21/16 12:45 EST		0	Source: AWOS
A wind gust of 41 knots was reported at Quantico.				
<b>TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- (DCA)REAGAN NATIONAL AIRPORT [38.86, -77.03]</b>				
	10/21/16 13:04 EST		0	Marine Thunderstorm Wind (MG 37 kt)
	10/21/16 13:04 EST		0	Source: ASOS
A wind gust of 37 knots was reported at Reagan National.				
<b>TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- NATIONALS PARK (WSHNP) [38.87, -77.01]</b>				
	10/21/16 13:10 EST		0	Marine Thunderstorm Wind (MG 34 kt)
	10/21/16 13:10 EST		0	Source: Mesonet
A wind gust of 34 knots was reported at Nationals Park.				
<b>TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- 1.3 NNE BABAR POINT (BAB) [38.33, -77.02]</b>				
	10/21/16 13:25 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	10/21/16 13:25 EST		0	Source: Mesonet
Wind gusts in excess of 30 knots were reported at Tower 70.				
<b>TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- POTOMAC LIGHT 33 (LT3) [38.34, -76.99]</b>				
	10/21/16 13:34 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	10/21/16 13:39 EST		0	Source: Buoy
Wind gusts in excess of 30 knots were reported at Potomac Light.				
<b>TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- CUCKOLD CREEK (CCK) [38.31, -76.93]</b>				
	10/21/16 13:37 EST		0	Marine Thunderstorm Wind (MG 34 kt)
	10/21/16 13:42 EST		0	Source: Buoy
Wind gusts up to 38 knots were reported at Cuckold Creek.				
<b>TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- COBB POINT (COB) [38.24, -76.83]</b>				
	10/21/16 14:03 EST		0	Marine Thunderstorm Wind (MG 40 kt)
	10/21/16 14:08 EST		0	Source: Buoy
Wind gusts up to 40 knots were reported at Cobb Point.				
<b>TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- 1.9 SW COLES POINT (COL) [38.12, -76.64]</b>				
	10/21/16 14:34 EST		0	Marine Thunderstorm Wind (MG 39 kt)
	10/21/16 14:34 EST		0	Source: Mesonet
Wind gusts of 39 knots were reported at Shepherds Point.				
<b>CHESAPEAKE BAY POOLES IS TO SANDY PT MD COUNTY --- (KMTN)MARTIN STATE AIRPORT [39.33, -76.42]</b>				
	10/21/16 14:50 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	10/21/16 14:50 EST		0	Source: AWOS
Wind gusts in excess of 30 knots were reported at Martin State.				
<b>PATUXENT RIVER TO BROOMES ISLAND MD COUNTY --- SOLOMONS ISLAND (SLIM2) [38.32, -76.45]</b>				
	10/21/16 14:54 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	10/21/16 14:54 EST		0	Source: Buoy
Wind gusts in excess of 30 knots were reported at Solomons Island.				

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<b>CHESAPEAKE BAY POOLES IS TO SANDY PT MD COUNTY --- GUNPOWDER (GUN) [39.36, -76.37]</b>				
	10/21/16 14:57 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	10/21/16 14:57 EST	0		Source: Buoy

Wind gusts in excess of 30 knots were reported at Gunpowder.

**A potent cold front moved through and gusty winds from aloft were able to mix down to the surface in heavier showers.**

<b>CHESAPEAKE BAY N OF POOLES IS MD COUNTY --- SUSQUEHANNA RIVER BUOY (44057) [39.54, -76.07]</b>				
	10/30/16 17:00 EST	0		Marine Thunderstorm Wind (MG 37 kt)
	10/30/16 17:00 EST	0		Source: Buoy

A wind gust of 37 knots was reported at Susquehanna River.

<b>TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- (DCA)REAGAN NATIONAL AIRPORT [38.86, -77.03]</b>				
	10/30/16 17:22 EST	0		Marine Thunderstorm Wind (MG 37 kt)
	10/30/16 17:22 EST	0		Source: ASOS

A wind gust of 37 knots was reported at Reagan National.

<b>TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- LYLES-CROUCH ACADEMY (AXDRA) [38.80, -77.05]</b>				
	10/30/16 17:29 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	10/30/16 17:29 EST	0		Source: Mesonet

A wind gust in excess of 30 knots was reported.

<b>CHESAPEAKE BAY POOLES IS TO SANDY PT MD COUNTY --- HART MILLER ISLAND (HRT) [39.25, -76.37]</b>				
	10/30/16 17:42 EST	0		Marine Thunderstorm Wind (MG 34 kt)
	10/30/16 17:47 EST	0		Source: Buoy

A wind gust of 34 knots was reported at Hart Miller Island.

<b>CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- TOLLY POINT (TOL) [38.94, -76.44]</b>				
	10/30/16 18:01 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	10/30/16 18:01 EST	0		Source: Buoy

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

**A cold front passed through the waters on the 30th. Showers and isolated thunderstorms were able to mix down stronger winds from aloft.**

### DISTRICT OF COLUMBIA

<b>(DC-Z001) DISTRICT OF COLUMBIA</b>				
	10/13/16 10:48 EST	0		Dense Fog
	10/13/16 10:48 EST	0		

High pressure caused light winds, but low-level moisture was trapped underneath the inversion. This resulted in areas of dense fog.

### MARYLAND, Central

<b>(MD-Z014) ANNE ARUNDEL</b>				
	10/01/16 16:48 EST	0		Coastal Flood
	10/01/16 16:48 EST	0		

**A potent onshore flow caused elevated water levels which led to moderate flooding at Annapolis.**

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>(MD-Z003) WASHINGTON</b>				
	10/06/16 04:55 EST	0		Dense Fog
	10/06/16 08:00 EST	0		

High pressure caused light winds, but low-level moisture was trapped underneath the inversion. This resulted in areas of dense fog.

<b>(MD-Z011) SOUTHERN BALTIMORE, (MD-Z013) PRINCE GEORGES, (MD-Z014) ANNE ARUNDEL, (MD-Z504) CENTRAL AND SOUTHEAST MONTGOMERY, (MD-Z506) CENTRAL AND SOUTHEAST HOWARD</b>				
	10/13/16 09:54 EST	0		Dense Fog
	10/13/16 13:00 EST	0		

High pressure caused light winds, but low-level moisture was trapped underneath the inversion. This resulted in areas of dense fog.

<b>(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-Z503) NORTHWEST MONTGOMERY, (MD-Z505) NORTHWEST HOWARD, (MD-Z507) NORTHWEST HARFORD</b>				
	10/26/16 02:00 EST	0		Frost/Freeze
	10/26/16 08:00 EST	0		

Canadian high pressure was overhead leading to freezing conditions early on the 26th.

### VIRGINIA, North

<b>(VA-Z027) SHENANDOAH, (VA-Z028) FREDERICK, (VA-Z029) PAGE, (VA-Z031) CLARKE</b>				
	10/04/16 01:55 EST	0		Dense Fog
	10/04/16 08:55 EST	0		

High pressure caused light winds, but low-level moisture was trapped underneath the inversion. This resulted in areas of dense fog.

<b>(VA-Z025) AUGUSTA, (VA-Z026) ROCKINGHAM, (VA-Z027) SHENANDOAH, (VA-Z028) FREDERICK, (VA-Z029) PAGE, (VA-Z030) WARREN, (VA-Z031) CLARKE</b>				
	10/06/16 03:15 EST	0		Dense Fog
	10/06/16 08:35 EST	0		

High pressure caused light winds, but low-level moisture was trapped underneath the inversion. This resulted in areas of dense fog.

<b>(VA-Z052) PRINCE WILLIAM, (VA-Z053) FAIRFAX, (VA-Z054) ARLINGTON, (VA-Z502) SOUTHERN FAUQUIER, (VA-Z506) EASTERN LOUDOUN</b>				
	10/13/16 10:48 EST	0		Dense Fog
	10/13/16 13:00 EST	0		

High pressure caused light winds, but low-level moisture was trapped underneath the inversion. This resulted in areas of dense fog.

<b>(VA-Z026) ROCKINGHAM, (VA-Z027) SHENANDOAH, (VA-Z029) PAGE</b>				
	10/14/16 09:55 EST	0		Dense Fog
	10/14/16 13:35 EST	0		

High pressure caused light winds, but low-level moisture was trapped underneath the inversion. This resulted in areas of dense fog.

<b>(VA-Z027) SHENANDOAH, (VA-Z028) FREDERICK, (VA-Z029) PAGE, (VA-Z030) WARREN, (VA-Z031) CLARKE, (VA-Z039) MADISON, (VA-Z040) RAPPAHANNOCK, (VA-Z051) CULPEPER, (VA-Z501) NORTHERN FAUQUIER, (VA-Z504) EASTERN HIGHLAND, (VA-Z505) WESTERN LOUDOUN, (VA-Z506) EASTERN LOUDOUN</b>				
	10/26/16 02:00 EST	0		Frost/Freeze
	10/26/16 08:00 EST	0		

Canadian high pressure caused temperatures to drop below freezing during the early morning hours of the 26th.

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

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(WV-Z050) HAMPSHIRE, (WV-Z055) HARDY, (WV-Z502) EASTERN GRANT, (WV-Z504) EASTERN MINERAL

10/04/16 03:35 EST		0		Dense Fog
10/04/16 07:35 EST		0		

High pressure caused light winds, but low-level moisture was trapped underneath the inversion. This resulted in areas of dense fog.

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(WV-Z051) MORGAN, (WV-Z052) BERKELEY, (WV-Z053) JEFFERSON, (WV-Z055) HARDY, (WV-Z502) EASTERN GRANT, (WV-Z504) EASTERN MINERAL

10/06/16 00:36 EST		0		Dense Fog
10/06/16 08:35 EST		0		

High pressure caused light winds, but low-level moisture was trapped underneath the inversion. This resulted in areas of dense fog.

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(WV-Z055) HARDY, (WV-Z502) EASTERN GRANT

10/14/16 07:35 EST		0		Dense Fog
10/14/16 13:35 EST		0		

High pressure caused light winds, but low-level moisture was trapped underneath the inversion. This resulted in areas of dense fog.

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(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

10/26/16 02:00 EST		0		Frost/Freeze
10/26/16 08:00 EST		0		

Canadian high pressure caused temperatures to drop below freezing early on the 26th.