

## Storm Data and Unusual Weather Phenomena - May 2017

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>				
	05/01/17 20:02 EST		0	Marine Thunderstorm Wind (MG 34 kt)
	05/01/17 20:02 EST		0	Source: AWOS
A wind gust of 34 knots was reported at Quantico.				
<b>TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- POTOMAC LIGHT 33 (LT3) [38.34, -76.99]</b>				
	05/01/17 22:23 EST		0	Marine Thunderstorm Wind (MG 34 kt)
	05/01/17 22:28 EST		0	Source: Buoy
A wind gust of 34 knots was measured.				
<b>TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY --- RACCOON POINT (RAC) [38.14, -75.79]</b>				
	05/01/17 22:54 EST		0	Marine Thunderstorm Wind (MG 43 kt)
	05/02/17 00:14 EST		0	Source: Buoy
Wind gusts of 34 to 37 knots were reported at Raccoon Point.				
<b>CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- HERRING BAY (HRB) [38.73, -76.54]</b>				
	05/02/17 00:09 EST		0	Marine Thunderstorm Wind (MG 34 kt)
	05/02/17 00:09 EST		0	Source: Buoy
A wind gust of 34 knots was reported at Herring Bay.				
<b>A cold front passed through the waters. Showers and isolated thunderstorms ahead of the boundary produced locally gusty winds.</b>				
<b>TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- BABAR POINT (BAB) [38.31, -77.03]</b>				
	05/05/17 07:05 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	05/05/17 07:05 EST		0	Source: Buoy
Wind gusts in excess of 30 knots were reported at Baber Point.				
<b>TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- MONROE CREEK (MON) [38.23, -76.95]</b>				
	05/05/17 07:13 EST		0	Marine Thunderstorm Wind (MG 44 kt)
	05/05/17 07:20 EST		0	Source: Buoy
Wind gusts of 34 to 44 knots were reported at Monroe Creek.				
<b>TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- 1.5 E BABAR POINT (BAB) [38.31, -77.00]</b>				
	05/05/17 07:15 EST		0	Marine Thunderstorm Wind (MG 41 kt)
	05/05/17 07:25 EST		0	Source: Buoy
Wind gusts of 34 to 41 knots were reported at Pylons.				
<b>TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- POTOMAC LIGHT 33 (LT3) [38.34, -76.99]</b>				
	05/05/17 07:16 EST		0	Marine Thunderstorm Wind (MG 47 kt)
	05/05/17 07:28 EST		0	Source: Buoy
Wind gusts of 34 to 47 knots were reported at Potomac Light.				
<b>TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- 1.3 NNE BABAR POINT (BAB) [38.33, -77.02]</b>				
	05/05/17 07:17 EST		0	Marine Thunderstorm Wind (MG 60 kt)
	05/05/17 07:17 EST		0	Source: Buoy
Wind gusts of 60 knots were reported Tower 70.				
<b>TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- CUCKOLD CREEK (CCK) [38.31, -76.93]</b>				

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	05/05/17 07:20 EST		0	Marine Thunderstorm Wind (MG 37 kt)
	05/05/17 07:20 EST		0	Source: Buoy

Wind gusts of 37 knots were reported at Cuckold Creek.

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### CHESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY --- ROD N REEL CHESAPEAKE BEACH (CHSRL) [38.69, -76.53]

	05/05/17 07:45 EST		0	Marine Thunderstorm Wind (MG 37 kt)
	05/05/17 08:05 EST		0	Source: Buoy

Wind gusts of 34 to 37 knots were reported at Chesapeake Rod N Reel.

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### TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- POTOMAC POINT LOOKOUT BUOY (44042) [38.03, -76.34]

	05/05/17 08:20 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	05/05/17 08:20 EST		0	Source: Buoy

Wind gusts in excess of 30 knots were reported at Potomac Point Lookout.

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### CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- THOMAS POINT (TPLM2) [38.90, -76.44]

	05/05/17 08:23 EST		0	Marine Thunderstorm Wind (MG 37 kt)
	05/05/17 08:23 EST		0	Source: Buoy

A wind gust of 37 knots was reported at Thomas Point Lighthouse.

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### CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- ANNAPOLIS (KNAK) [38.98, -76.48]

	05/05/17 08:25 EST		0	Marine Thunderstorm Wind (MG 39 kt)
	05/05/17 08:25 EST		0	Source: AWOS

A wind gust of 39 knots was reported at Annapolis.

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### CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- TOLLY POINT (TOL) [38.94, -76.44]

	05/05/17 08:26 EST		0	Marine Thunderstorm Wind (MG 47 kt)
	05/05/17 08:26 EST		0	Source: Buoy

A wind gust of 47 knots was reported at Tolly Point.

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### EASTERN BAY COUNTY --- 12.8 S US-50 (MD040) [38.79, -76.22]

	05/05/17 08:26 EST		0	Marine Thunderstorm Wind (EG 50 kt)
	05/05/17 08:26 EST		0	Source: Unknown

A wind gust around 50 knots was estimated based on thunderstorm wind damage nearby.

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### CHESAPEAKE BAY DRUM PT TO SMITH PT VA COUNTY --- LOWER HOOPERS ISLAND (HPR) [38.26, -76.18]

	05/05/17 08:37 EST		0	Marine Thunderstorm Wind (MG 55 kt)
	05/05/17 08:37 EST		0	Source: Buoy

A wind gust of 55 knots was reported at Lower Hooper Island.

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### CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- (KW29)BAY BRIDGE AIRPORT [38.98, -76.33]

	05/05/17 08:40 EST		0	Marine Thunderstorm Wind (MG 39 kt)
	05/05/17 08:40 EST		0	Source: Buoy

A wind gust of 39 knots was reported.

**Low pressure was located across the Tennessee Valley while a strong low level jet transported moisture into the Mid-Atlantic. Showers and thunderstorms developed across the waters. An unstable atmosphere caused a few thunderstorms to produce gusty winds.**

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

	05/07/17 16:03 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	05/07/17 16:03 EST		0	Source: AWOS

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

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>CHESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY --- GOOSSES REEF BUOY (44062) [38.56, -76.41]</b>				
	05/07/17 17:10 EST		0	Marine Thunderstorm Wind (MG 37 kt)
	05/07/17 17:10 EST		0	Source: Buoy
A wind gust of 37 knots was reported at Gooses Reef.				
<b>TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- PINEY POINT (PPTM2) [38.13, -76.53]</b>				
	05/07/17 17:36 EST		0	Marine Thunderstorm Wind (MG 36 kt)
	05/07/17 17:36 EST		0	Source: Buoy
A wind gust of 36 knots was reported at Piney Point.				
<b>CHESAPEAKE BAY DRUM PT TO SMITH PT VA COUNTY --- 15.8 NE ST INIGOES (KNUI) [38.26, -76.18]</b>				
	05/07/17 17:52 EST		0	Marine Thunderstorm Wind (MG 35 kt)
	05/07/17 17:52 EST		0	Source: Buoy
A wind gust of 35 knots was reported at Hooper Island.				
<b>CHESAPEAKE BAY DRUM PT TO SMITH PT VA COUNTY --- POINT LOOKOUT (PTL) [38.04, -76.32]</b>				
	05/07/17 18:06 EST		0	Marine Thunderstorm Wind (MG 35 kt)
	05/07/17 18:11 EST		0	Source: Buoy
Wind gusts of 34 to 35 knots were reported at Point Lookout.				
<b>TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- POTOMAC POINT LOOKOUT BUOY (44042) [38.03, -76.34]</b>				
	05/07/17 18:10 EST		0	Marine Thunderstorm Wind (MG 35 kt)
	05/07/17 18:20 EST		0	Source: Buoy
Wind gusts up to 35 knots were reported at Point Lookout.				
<b>Pop-up showers developed underneath an upper-level low. Some showers produced gusty winds due to an unstable atmosphere that was in place.</b>				
<b>TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- 3.3 ESE LEESYLVANIA STATE PARK (LSLVN) [38.64, -77.20]</b>				
	05/18/17 19:23 EST		0	Marine Thunderstorm Wind (MG 44 kt)
	05/18/17 19:38 EST		0	Source: Buoy
Wind gusts of 35 to 44 knots were reported at Occoquan.				
<b>TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- QUANTICO (KNYG) [38.51, -77.30]</b>				
	05/18/17 19:26 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	05/18/17 19:26 EST		0	Source: AWOS
Wind gusts in excess of 30 knots were reported at Quantico.				
<b>High pressure off the Atlantic coast allowed for a southerly flow to usher in warm and humid conditions. The warm and humid conditions led to an unstable atmosphere. A pressure trough acted as a lifting mechanism for showers and thunderstorms to develop. Some thunderstorms were able to mix down gusty winds from aloft.</b>				
<b>CHESAPEAKE BAY N OF POOLES IS MD COUNTY --- SUSQUEHANNA RIVER BUOY (44057) [39.54, -76.07]</b>				
	05/19/17 15:10 EST		0	Marine Thunderstorm Wind (MG 35 kt)
	05/19/17 15:30 EST		0	Source: Buoy
Wind gusts up to 35 knots were reported at the Susquehanna Buoy.				
<b>CHESAPEAKE BAY N OF POOLES IS MD COUNTY --- NORTH BAY NORTH EAST MD (NRTBY) [39.50, -75.99]</b>				
	05/19/17 15:20 EST		0	Marine Thunderstorm Wind (MG 37 kt)
	05/19/17 15:25 EST		0	Source: Buoy
Wind gusts of 36 to 37 knots were reported at North Bay.				
<b>TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- POTOMAC LIGHT 33 (LT3) [38.34, -76.99]</b>				

## Storm Data and Unusual Weather Phenomena - May 2017

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	05/19/17 17:13 EST		0	Marine Thunderstorm Wind (MG 38 kt)
	05/19/17 17:13 EST		0	Source: Buoy

A wind gust of 38 knots was reported.

TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- CUCKOLD CREEK (CCK) [38.31, -76.93]				
Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	05/19/17 17:17 EST		0	Marine Thunderstorm Wind (MG 36 kt)
	05/19/17 17:22 EST		0	Source: Buoy

A wind gust of 36 knots was reported at Cuckold Creek.

TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- MONROE CREEK (MON) [38.23, -76.95]				
Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	05/19/17 17:23 EST		0	Marine Thunderstorm Wind (MG 35 kt)
	05/19/17 17:23 EST		0	Source: Buoy

A wind gust of 35 knots was reported at Monroe Creek.

TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- COBB POINT (COB) [38.24, -76.83]				
Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	05/19/17 17:24 EST		0	Marine Thunderstorm Wind (MG 35 kt)
	05/19/17 17:24 EST		0	Source: Buoy

A wind gust of 35 knots was reported at Cobb Point.

TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- PINEY POINT (PPTM2) [38.13, -76.53]				
Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	05/19/17 17:54 EST		0	Marine Thunderstorm Wind (MG 39 kt)
	05/19/17 17:54 EST		0	Source: Buoy

A wind gust 39 knots was reported at Piney Point.

TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- LEWISSETTA MD (LWTV2) [38.00, -76.47]				
Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	05/19/17 18:24 EST		0	Marine Thunderstorm Wind (MG 38 kt)
	05/19/17 18:24 EST		0	Source: Buoy

A wind gust of 38 knots was reported at Lewisetta.

CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- ANNAPOLIS (KNAK) [38.98, -76.48]				
Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	05/19/17 18:33 EST		0	Marine Thunderstorm Wind (MG 40 kt)
	05/19/17 18:54 EST		0	Source: AWOS

Wind gusts up to 40 knots were reported at Annapolis.

CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- HERRING BAY (HRB) [38.73, -76.54]				
Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	05/19/17 18:46 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	05/19/17 18:46 EST		0	Source: Buoy

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

CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- TOLLY POINT (TOL) [38.94, -76.44]				
Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	05/19/17 18:46 EST		0	Marine Thunderstorm Wind (MG 46 kt)
	05/19/17 19:06 EST		0	Source: Buoy

Wind gusts up to 46 knots were reported at Tolly Point and Thomas Point Lighthouse.

CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- KENT ISLAND (KNT) [38.92, -76.36]				
Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	05/19/17 18:50 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	05/19/17 19:10 EST		0	Source: Buoy

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

CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- SANDY POINT (SPT) [39.01, -76.40]				
Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	05/19/17 18:51 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	05/19/17 18:51 EST		0	Source: Buoy

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
A wind gust in excess of 30 knots was reported at Sandy Point.				
<b>TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY --- BISHOPS HEAD (BISM2) [38.22, -76.04]</b>				
	05/19/17 18:54 EST	0		Marine Thunderstorm Wind (MG 40 kt)
	05/19/17 19:00 EST	0		Source: Buoy
Wind gusts up to 40 knots were reported at Bishops Head.				
<b>TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY --- RACCOON POINT (RAC) [38.14, -75.79]</b>				
	05/19/17 19:04 EST	0		Marine Thunderstorm Wind (MG 36 kt)
	05/19/17 19:04 EST	0		Source: Buoy
A wind gust of 36 knots was reported at Raccoon Point.				
<b>A warm and humid air mass led to the development of thunderstorms. Some thunderstorms mixed down gusty winds from aloft.</b>				
<b>TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- MONROE CREEK (MON) [38.23, -76.95]</b>				
	05/25/17 15:38 EST	0		Marine Thunderstorm Wind (MG 36 kt)
	05/25/17 15:48 EST	0		Source: Buoy
Wind gusts up to 36 knots were reported at Monroe Creek.				
<b>TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- 1.5 E BABAR POINT (BAB) [38.31, -77.00]</b>				
	05/25/17 15:40 EST	0		Marine Thunderstorm Wind (MG 36 kt)
	05/25/17 15:42 EST	0		Source: Buoy
Wind gusts of 35 to 36 knots were reported.				
<b>TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- POTOMAC LIGHT 33 (LT3) [38.34, -76.99]</b>				
	05/25/17 15:43 EST	0		Marine Thunderstorm Wind (MG 44 kt)
	05/25/17 15:58 EST	0		Source: Buoy
Wind gusts up to 44 knots were reported at Potomac Light.				
<b>TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- CUCKOLD CREEK (CCK) [38.31, -76.93]</b>				
	05/25/17 15:47 EST	0		Marine Thunderstorm Wind (MG 36 kt)
	05/25/17 15:52 EST	0		Source: Buoy
Wind gusts up to 36 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>				
	05/25/17 15:49 EST	0		Marine Thunderstorm Wind (MG 34 kt)
	05/25/17 15:54 EST	0		Source: Buoy
A wind gust of 34 knots was reported at Cobb Point.				
<b>TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- QUANTICO (KNYG) [38.51, -77.30]</b>				
	05/25/17 15:58 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	05/25/17 16:03 EST	0		Source: Buoy
Wind gusts in excess of 30 knots were reported at Quantico.				
<b>TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- 1.8 NE QUANTICO (KNYG) [38.53, -77.28]</b>				
	05/25/17 16:12 EST	0		Marine Thunderstorm Wind (EG 50 kt)
	05/25/17 16:12 EST	0		Source: Unknown
Wind gusts around 50 knots were estimated based on thunderstorm wind damage nearby.				
<b>PATUXENT RIVER TO BROOMES ISLAND MD COUNTY --- SOLOMONS ISLAND (SLIM2) [38.32, -76.45]</b>				
	05/25/17 16:18 EST	0		Marine Thunderstorm Wind (MG 37 kt)
	05/25/17 16:24 EST	0		Source: Buoy

## Storm Data and Unusual Weather Phenomena - May 2017

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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Wind gusts of 34 to 37 knots were reported at Solomons Island.

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**PATUXENT RIVER TO BROOMES ISLAND MD COUNTY --- 0.5 E PATUXENT RIVER ASOS (KNAK) [38.29, -76.40]**

05/25/17 16:20 EST	0	Marine Thunderstorm Wind (EG 34 kt)
05/25/17 16:20 EST	0	Source: Buoy

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

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**TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- POINT LOOKOUT (PTL) [38.04, -76.32]**

05/25/17 16:40 EST	0	Marine Thunderstorm Wind (EG 34 kt)
05/25/17 16:41 EST	0	Source: Buoy

Wind gusts in excess of 30 knots was reported at Point Lookout.

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

05/25/17 16:48 EST	0	Marine Thunderstorm Wind (EG 34 kt)
05/25/17 16:48 EST	0	Source: ASOS

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

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**TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY --- BISHOPS HEAD (BISM2) [38.22, -76.04]**

05/25/17 16:54 EST	0	Marine Thunderstorm Wind (EG 34 kt)
05/25/17 17:06 EST	0	Source: Buoy

Wind gusts in excess of 30 knots were reported at Bishops Head.

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**CHESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY --- 9.1 NNE GOOSSES REEF BUOY (44062) [38.68, -76.33]**

05/25/17 17:03 EST	0	Marine Thunderstorm Wind (MG 37 kt)
05/25/17 17:03 EST	0	Source: Buoy

A wind gust of 37 knots was reported at Black Walnut Harbor.

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**TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY --- RACCOON POINT (RAC) [38.14, -75.79]**

05/25/17 17:09 EST	0	Marine Thunderstorm Wind (MG 34 kt)
05/25/17 17:09 EST	0	Source: Buoy

A wind gust of 34 knots was reported at Raccoon Point.

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**CHOPTANK RIVER TO CAMBRIDGE MD AND THE LITTLE CHOPTANK RIVER COUNTY --- 3.7 NNE TILGHMAN ES (TILHM) [38.76, -76.32]**

05/25/17 17:15 EST	0	Marine Hail (0.88 in)
05/25/17 17:15 EST	0	Source: Unknown

Nickel sized hail was reported in Sherwood.

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**TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY --- 7.6 NNW RACCOON POINT (RAC) [38.25, -75.83]**

05/25/17 17:23 EST	0	Marine Hail (0.75 in)
05/25/17 17:23 EST	0	Source: Unknown

Penny sized hail was estimated near Mount Vernon.

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**CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- TOLLY POINT (TOL) [38.94, -76.44]**

05/25/17 17:26 EST	0	Marine Thunderstorm Wind (MG 48 kt)
05/25/17 17:36 EST	0	Source: Buoy

Wind gust of 37 to 48 knots were reported at Tolly Point, Greenbury Point, the Annapolis Buoy and Thomas Point Lighthouse.

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

05/25/17 17:42 EST	0	Marine Thunderstorm Wind (MG 36 kt)
05/25/17 17:42 EST	0	Source: Buoy

A wind gust of 36 knots was reported at Key Bridge.

## Storm Data and Unusual Weather Phenomena - May 2017

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- POTOMAC LIGHT 33 (LT3) [38.34, -76.99]</b>				
	05/25/17 17:48 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	05/25/17 17:48 EST	0		Source: Buoy
Wind gusts in excess of 30 knots were reported.				
<b>CHESAPEAKE BAY POOLES IS TO SANDY PT MD COUNTY --- (KMTN)MARTIN STATE AIRPORT [39.33, -76.42]</b>				
	05/25/17 18:30 EST	0		Marine Thunderstorm Wind (MG 38 kt)
	05/25/17 18:30 EST	0		Source: AWOS
A wind gust of 38 knots was reported at Martin State.				
<b>CHESAPEAKE BAY POOLES IS TO SANDY PT MD COUNTY --- GUNPOWDER (GUN) [39.36, -76.37]</b>				
	05/25/17 18:34 EST	0		Marine Thunderstorm Wind (MG 38 kt)
	05/25/17 18:39 EST	0		Source: Buoy
Wind gusts of 36 to 37 knots were reported at Gunpowder.				
<b>CHESAPEAKE BAY N OF POOLES IS MD COUNTY --- SUSQUEHANNA RIVER BUOY (44057) [39.54, -76.07]</b>				
	05/25/17 19:00 EST	0		Marine Thunderstorm Wind (MG 35 kt)
	05/25/17 19:00 EST	0		Source: Buoy
A wind gust of 35 knots was reported at the Susquehanna Buoy.				
<b>CHESAPEAKE BAY POOLES IS TO SANDY PT MD COUNTY --- PATAPSCO BUOY (44043) [39.15, -76.39]</b>				
	05/25/17 19:00 EST	0		Marine Thunderstorm Wind (MG 35 kt)
	05/25/17 19:00 EST	0		Source: Buoy
A wind gust of 35 knots was reported at the Patapsco Buoy.				
<b>CHESAPEAKE BAY POOLES IS TO SANDY PT MD COUNTY --- PATAPSCO BUOY (44043) [39.15, -76.39]</b>				
	05/25/17 22:10 EST	0		Marine Thunderstorm Wind (MG 35 kt)
	05/25/17 22:10 EST	0		Source: Buoy
A wind gust of 35 knots was reported at the Patapsco Buoy.				
<b>Low pressure and an associated cold front moved across the Mid-Atlantic region during the day on May 25th. Warm and humid conditions led to showers and thunderstorms. Some thunderstorms produced gusty winds and large hail.</b>				
<b>DISTRICT OF COLUMBIA</b>				
<b>DISTRICT OF COLUMBIA COUNTY --- 0.6 NE NATIONAL ARBORETUM [38.93, -76.96]</b>				
	05/05/17 07:50 EST	0		Thunderstorm Wind (EG 50 kt)
	05/05/17 07:50 EST	0		Source: 911 Call Center
A tree was down in the 2700 Block of Central Avenue.				
<b>DISTRICT OF COLUMBIA COUNTY --- 0.7 NNE NATIONAL ARBORETUM [38.93, -76.97]</b>				
	05/05/17 07:50 EST	0		Thunderstorm Wind (EG 50 kt)
	05/05/17 07:50 EST	0		Source: 911 Call Center
A large tree was down in the 2900 Block of Carlton Avenue Northeast.				
<b>Low pressure was located across the Tennessee Valley while a strong low level jet transported moisture into the Mid-Atlantic. Showers and thunderstorms developed across Washington D.C. and the unstable atmosphere caused a few thunderstorms to become severe.</b>				
<b>DISTRICT OF COLUMBIA COUNTY --- 1.3 SE GEORGETOWN [38.91, -77.04], 1.2 SE GEORGETOWN [38.91, -77.04], 1.1 SE GEORGETOWN [38.91, -77.04], 1.2 SE GEORGETOWN [38.91, -77.04]</b>				

## Storm Data and Unusual Weather Phenomena - May 2017

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	05/05/17 09:30 EST		0	Flood (due to Heavy Rain)
	05/05/17 11:00 EST		0	Source: 911 Call Center

The 1200 Block of 16th Street was closed due to high water.

Low pressure was located across the Tennessee Valley while a strong low level jet transported moisture into the Mid-Atlantic. Showers and thunderstorms led to heavy rain across northern and central Virginia leading to scattered flooding mainly from rivers and creeks over flowing.

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### (DC-Z001) DISTRICT OF COLUMBIA

05/25/17 06:30 EST	0	Coastal Flood
05/25/17 07:30 EST	0	

A strong onshore flow led to moderate flooding.

## MARYLAND, Central

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### CHARLES COUNTY --- 1.3 E ALLENS FRESH [38.42, -76.93]

05/05/17 07:17 EST	0	Thunderstorm Wind (EG 50 kt)
05/05/17 07:17 EST	0	Source: 911 Call Center

A tree was down near the intersection of Budds Creek Road and Allens Fresh Road.

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### CHARLES COUNTY --- 0.6 ENE LA PLATA [38.53, -76.97]

05/05/17 07:21 EST	0	Thunderstorm Wind (EG 52 kt)
05/05/17 07:21 EST	0	Source: 911 Call Center

Several trees and wires were down in the La Plata area.

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### ST. MARY'S COUNTY --- 1.3 SSW THOMPSON CORNER [38.43, -76.81]

05/05/17 07:27 EST	0	Thunderstorm Wind (EG 50 kt)
05/05/17 07:27 EST	0	Source: 911 Call Center

A tree was down on Thompson Corner Road near Ryceville Road.

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### ST. MARY'S COUNTY --- 1.6 WSW CALIFORNIA [38.30, -76.53]

05/05/17 07:47 EST	0	Thunderstorm Wind (EG 50 kt)
05/05/17 07:47 EST	0	Source: 911 Call Center

A tree was down on wires in the 44000 Block of St. Andrews Church Road.

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### PRINCE GEORGE'S COUNTY --- 0.6 NW COLMAR MANOR [38.94, -76.96]

05/05/17 07:51 EST	0	Thunderstorm Wind (EG 50 kt)
05/05/17 07:51 EST	0	Source: 911 Call Center

A tree was down in the 3800 Block of 37th place.

Low pressure was located across the Tennessee Valley while a strong low level jet transported moisture into the Mid-Atlantic. Showers and thunderstorms developed across Maryland and the unstable atmosphere caused a few thunderstorms to become severe.

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### HOWARD COUNTY --- 0.5 W FULTON [39.15, -76.93], 0.9 WSW FULTON [39.15, -76.94], 0.9 W FULTON [39.15, -76.94], 0.7 WNW FULTON [39.15, -76.93]

05/05/17 08:22 EST	0	Flood (due to Heavy Rain)
05/05/17 15:00 EST	0	Source: 911 Call Center

The 11000 Block of Lime Kiln Road was closed due to high water.

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### FREDERICK COUNTY --- 0.6 NE THURMONT [39.63, -77.41], 0.7 ENE THURMONT [39.63, -77.41], 0.8 NE THURMONT [39.63, -77.41], 0.7 NE THURMONT [39.63, -77.41]



## Storm Data and Unusual Weather Phenomena - May 2017

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	05/05/17 09:39 EST		0	Flood (due to Heavy Rain)
	05/05/17 19:00 EST		0	Source: Emergency Manager

Wood side Avenue was closed due to high water.

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**FREDERICK COUNTY --- 0.7 ESE THURMONT [39.62, -77.41], 0.5 ESE THURMONT [39.62, -77.41], 0.4 ENE THURMONT [39.62, -77.41], 0.6 ENE THURMONT [39.62, -77.41]**

	05/05/17 09:39 EST		0	Flood (due to Heavy Rain)
	05/05/17 19:00 EST		0	Source: Emergency Manager

Water Street was closed due to high water.

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**ANNE ARUNDEL COUNTY --- 0.3 S LAUREL SURBURBAN ARP [39.08, -76.83], 0.6 SW LAUREL SURBURBAN ARP [39.07, -76.84], 0.9 SW LAUREL SURBURBAN ARP [39.07, -76.84], 1.0 SW LAUREL SURBURBAN ARP [39.07, -76.84], 0.5 S LAUREL SURBURBAN ARP [39.07, -76.83]**

	05/05/17 09:40 EST		0	Flood (due to Heavy Rain)
	05/05/17 15:00 EST		0	Source: 911 Call Center

Brock Bridge Road was closed due to high water near Laurel Bowie Road.

**Low pressure was located across the Tennessee Valley while a strong low level jet transported moisture into the Mid-Atlantic. Showers and thunderstorms led to heavy rain across northern and central Virginia leading to scattered flooding mainly from rivers and creeks over flowing.**

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

	05/09/17 01:00 EST		0	Frost/Freeze
	05/09/17 09:00 EST		0	

Canadian high pressure built overhead from the west. Radiational cooling led to chilly conditions. Temperatures dropped below freezing for portions of western Maryland.

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**CARROLL COUNTY --- 1.8 NNW MELROSE [39.70, -76.91]**

	05/18/17 16:56 EST		0	Hail (1.00 in)
	05/18/17 16:56 EST		0	Source: Public

Quarter sized hail was reported.

**High pressure off the Atlantic coast allowed for a southerly flow to usher in warm and humid conditions. The warm and humid conditions led to an unstable atmosphere. A pressure trough acted as a lifting mechanism for showers and thunderstorms to develop. Some thunderstorms became severe due to the instability and stronger winds aloft.**

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**MONTGOMERY COUNTY --- 1.6 NNW LAYHILL [39.10, -77.06]**

	05/19/17 17:48 EST		0	Hail (1.00 in)
	05/19/17 17:48 EST		0	Source: Trained Spotter

Quarter sized hail was reported.

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**PRINCE GEORGE'S COUNTY --- 0.5 SW CALVERTON [39.07, -76.93]**

	05/19/17 18:00 EST		0	Thunderstorm Wind (EG 50 kt)
	05/19/17 18:00 EST		0	Source: Public

Several large branches were down at the Cross Creek Golf Club.

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**ANNE ARUNDEL COUNTY --- 0.7 N TIPTON AAF ARPT [39.09, -76.77]**

	05/19/17 18:12 EST		0	Thunderstorm Wind (MG 50 kt)
	05/19/17 18:12 EST		0	Source: AWOS

A wind gust of 58 mph was reported at Fort Meade.

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**ANNE ARUNDEL COUNTY --- 1.9 S CONAWAYS [38.99, -76.70]**

	05/19/17 18:24 EST		0	Thunderstorm Wind (EG 50 kt)
	05/19/17 18:24 EST		0	Source: 911 Call Center

A tree was down near the intersection of Route 450 and Route 3.

## Storm Data and Unusual Weather Phenomena - May 2017

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>ANNE ARUNDEL COUNTY --- 1.5 E REVELL [39.07, -76.50]</b>				
	05/19/17 18:35 EST		0	Thunderstorm Wind (MG 58 kt)
	05/19/17 18:35 EST		0	Source: Mesonet
A wind gust of 67 mph was reported.				
<b>ANNE ARUNDEL COUNTY --- 0.8 SSW RUTLAND [38.96, -76.64]</b>				
	05/19/17 18:36 EST		0	Thunderstorm Wind (EG 50 kt)
	05/19/17 18:36 EST		0	Source: 911 Call Center
A tree was down near Rutland Road and St. George Barber Road.				
<b>HOWARD COUNTY --- 1.5 N DORSEY [39.20, -76.75]</b>				
	05/19/17 21:49 EST		0	Thunderstorm Wind (EG 52 kt)
	05/19/17 21:49 EST		0	Source: 911 Call Center
Numerous trees were down.				
<b>A warm and humid air mass led to the development of thunderstorms. A few thunderstorms became severe due to stronger winds aloft.</b>				
<b>ST. MARY'S COUNTY --- 0.1 E LOVEVILLE [38.37, -76.68]</b>				
	05/25/17 16:11 EST		0	Thunderstorm Wind (EG 50 kt)
	05/25/17 16:11 EST		0	Source: 911 Call Center
A tree was down along the 25500 Block of Loveville Road.				
<b>BALTIMORE COUNTY --- 0.2 NE RANDALLSTOWN [39.37, -76.80]</b>				
	05/25/17 18:05 EST		0	Thunderstorm Wind (EG 50 kt)
	05/25/17 18:05 EST		0	Source: 911 Call Center
A tree was down along Offutt Road at Samoset Road.				
<b>BALTIMORE COUNTY --- 0.6 WNW BROOKLANDVILLE [39.42, -76.68]</b>				
	05/25/17 18:05 EST		0	Thunderstorm Wind (EG 50 kt)
	05/25/17 18:05 EST		0	Source: 911 Call Center
A tree was down on the 900 Block of Greenspring Valley Road.				
<b>BALTIMORE COUNTY --- 1.4 S DELIGHT [39.41, -76.82]</b>				
	05/25/17 18:05 EST		0	Thunderstorm Wind (EG 50 kt)
	05/25/17 18:05 EST		0	Source: 911 Call Center
A tree was down on Dolfield Boulevard at Lakeside Boulevard.				
<b>BALTIMORE COUNTY --- 0.9 SW OWINGS MILLS [39.41, -76.79]</b>				
	05/25/17 18:06 EST		0	Hail (1.00 in)
	05/25/17 18:06 EST		0	Source: Public
Quarter sized was reported at Owings Mills.				
<b>BALTIMORE COUNTY --- 0.6 NE BROOKLANDVILLE [39.43, -76.66]</b>				
	05/25/17 18:15 EST		0	Thunderstorm Wind (EG 50 kt)
	05/25/17 18:15 EST		0	Source: 911 Call Center
A tree was down on Seminary Avenue at Mays Chapel Road.				
<b>Low pressure and an associated cold front moved across the Mid-Atlantic region during the day on May 25th. Warm and humid conditions led to showers and thunderstorms. Some thunderstorms became severe.</b>				
<b>MONTGOMERY COUNTY --- 0.5 E BROOKEVILLE [39.18, -77.06], 0.5 ENE BROOKEVILLE [39.18, -77.06], 0.4 ENE BROOKEVILLE [39.18, -77.06], 0.4 E BROOKEVILLE [39.18, -77.06]</b>				

## Storm Data and Unusual Weather Phenomena - May 2017

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	05/25/17 17:46 EST		5K	Flash Flood (due to Heavy Rain)
	05/25/17 20:15 EST		0	Source: Emergency Manager

There was one to two feet of water flowing near the 3600 Block of Brookeville Road. There was a car trapped in three to four feet of flowing water at Georgia Avenue and Brookeville Road. Reddy Branch was out of its banks.

**MONTGOMERY COUNTY --- 1.1 SSE MT ZION [39.17, -77.09], 1.1 SSE MT ZION [39.17, -77.09], 1.1 SSE MT ZION [39.16, -77.09], 1.2 SSE MT ZION [39.16, -77.09]**

05/25/17 18:10 EST	0	Flood (due to Heavy Rain)
05/26/17 02:10 EST	0	Source: Emergency Manager

The 18700 Block of Olney Mill Road was closed between Winding Strone Circle and Random Ridge Circle due to high water.

**MONTGOMERY COUNTY --- 0.3 SSW MT ZION [39.18, -77.10], 0.2 SSE MT ZION [39.18, -77.10], 0.4 SSE MT ZION [39.17, -77.10], 0.5 S MT ZION [39.17, -77.10]**

05/25/17 18:11 EST	0	Flood (due to Heavy Rain)
05/26/17 02:10 EST	0	Source: Emergency Manager

The 4900 Block of MD-108 Olney Laytonsville Road was closed due to high water.

**MONTGOMERY COUNTY --- 0.7 SW BRIGHTON [39.19, -77.04], 0.6 SW BRIGHTON [39.20, -77.04], 0.8 SW BRIGHTON [39.19, -77.04], 0.8 SW BRIGHTON [39.19, -77.04]**

05/25/17 19:00 EST	0	Flash Flood (due to Heavy Rain)
05/25/17 20:15 EST	0	Source: Emergency Manager

There were two feet of water flowing across the 1900 Block of Brighton Dam Road.

**MONTGOMERY COUNTY --- 0.5 E BROOKEVILLE [39.18, -77.06], 0.5 ENE BROOKEVILLE [39.18, -77.06], 0.4 ENE BROOKEVILLE [39.18, -77.06], 0.4 E BROOKEVILLE [39.18, -77.06]**

05/25/17 20:27 EST	0	Flood (due to Heavy Rain)
05/26/17 02:10 EST	0	Source: Emergency Manager

Flooding continued after flash flooding ended.

There was one to two feet of water flowing near the 3600 Block of Brookeville Road. There was a car trapped in three to four feet of flowing water at Georgia Avenue and Brookeville Road. Reddy Branch was out of its banks.

**MONTGOMERY COUNTY --- 0.7 SW BRIGHTON [39.19, -77.04], 0.8 SW BRIGHTON [39.19, -77.04], 0.8 SW BRIGHTON [39.19, -77.04], 0.7 SW BRIGHTON [39.19, -77.04]**

05/25/17 20:27 EST	0	Flood (due to Heavy Rain)
05/26/17 02:10 EST	0	Source: Emergency Manager

Flooding continued after flash flooding ended. There were two feet of water flowing across the 1900 Block of Brighton Dam Road.

Low pressure and an associated cold front moved across the Mid-Atlantic region during the day on May 25th. Temperatures and moisture increased across the region during the afternoon and showers and thunderstorms formed. This activity led to heavy rainfall that led to flooding.

**(MD-Z017) ST. MARY'S**

05/26/17 00:51 EST	0	Coastal Flood
05/26/17 02:19 EST	0	

A strong onshore flow led to moderate flooding in St. Marys County near Straits Point.

**(MD-Z003) WASHINGTON, (MD-Z004) FREDERICK, (MD-Z005) CARROLL, (MD-Z501) EXTREME WESTERN ALLEGANY, (MD-Z502) CENTRAL AND EASTERN ALLEGANY**

05/27/17 22:53 EST	0	Dense Fog
05/28/17 06:13 EST	0	

High pressure caused mainly clear skies and light winds. This allowed for areas of dense fog to develop.

**HOWARD COUNTY --- 0.5 NW CLARKSVILLE [39.20, -76.89]**

## Storm Data and Unusual Weather Phenomena - May 2017

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	05/31/17 17:07 EST		0	Thunderstorm Wind (EG 50 kt)
	05/31/17 17:07 EST		0	Source: Public

A tree was down at Cedar Wood Drive and Cedar Lane.

**A weak boundary remained over the region. Warm and humid conditions ahead of the boundary led to the development of showers and thunderstorms. An isolated thunderstorm became severe.**

### VIRGINIA, North

**NELSON COUNTY --- 1.8 SE PINEY RIVER [37.70, -79.00], 1.8 SE PINEY RIVER [37.70, -79.00], 1.7 SE PINEY RIVER [37.70, -79.00], 1.4 SE PINEY RIVER [37.71, -79.00], 1.4 ESE PINEY RIVER [37.71, -79.00], 1.6 SE PINEY RIVER [37.71, -79.00], 1.8 SE PINEY RIVER [37.70, -78.99]**

05/05/17 03:37 EST	0	Flood (due to Heavy Rain)
05/05/17 17:30 EST	0	Source: Department of Highways

Rose Mill Road was closed between route 56 and route 151 due to flooding from local creek.

**GREENE COUNTY --- 0.7 E GEER [38.30, -78.49], 0.8 E GEER [38.30, -78.49], 0.4 E GEER [38.30, -78.49], 0.4 ESE GEER [38.30, -78.49]**

05/05/17 05:15 EST	0	Flood (due to Heavy Rain)
05/05/17 17:30 EST	0	Source: 911 Call Center

Mutton Hollow Road was closed near Dyke Road due to high water.

**GREENE COUNTY --- 2.4 NNW STANDARDSVILLE [38.33, -78.45], 2.4 NNW STANDARDSVILLE [38.33, -78.45], 2.5 NNW STANDARDSVILLE [38.33, -78.45], 2.5 NNW STANDARDSVILLE [38.33, -78.45]**

05/05/17 05:15 EST	0	Flood (due to Heavy Rain)
05/05/17 17:30 EST	0	Source: 911 Call Center

Octonia Road was closed near South River Road and water was over the bridge.

**RAPPAHANNOCK COUNTY --- 1.3 ESE WASHINGTON [38.71, -78.15], 1.4 SE WASHINGTON [38.71, -78.15], 1.7 SE WASHINGTON [38.70, -78.15], 1.5 SE WASHINGTON [38.70, -78.15], 1.2 SE WASHINGTON [38.71, -78.15]**

05/05/17 06:40 EST	0	Flood (due to Heavy Rain)
05/05/17 14:30 EST	0	Source: 911 Call Center

Tiger Valley Road was closed due to flooding.

**RAPPAHANNOCK COUNTY --- 0.7 N WASHINGTON [38.73, -78.17], 0.5 ENE WASHINGTON [38.72, -78.16], 0.4 E WASHINGTON [38.72, -78.16], 0.4 N WASHINGTON [38.73, -78.17], 1.0 NW WASHINGTON [38.73, -78.18], 1.4 NW WASHINGTON [38.73, -78.19], 1.4 NW WASHINGTON [38.73, -78.19]**

05/05/17 06:51 EST	0	Flood (due to Heavy Rain)
05/05/17 14:30 EST	0	Source: Trained Spotter

Six to twelve inches of water was flowing over Harris Hollow Road in several places.

**ALBEMARLE COUNTY --- 3.3 N IVY [38.10, -78.59], 3.3 N IVY [38.10, -78.59], 3.8 N IVY [38.10, -78.59], 3.8 N IVY [38.10, -78.59], 3.7 N IVY [38.10, -78.59], 3.6 N IVY [38.10, -78.59]**

05/05/17 07:15 EST	0	Flood (due to Heavy Rain)
05/05/17 07:30 EST	0	Source: Other Federal Agency

The stream gauge on Mechums River at White Hall exceeded their flood stage of 11 feet. Yards were flooded near the river.

**FAIRFAX COUNTY --- 1.7 SSE KENMORE [38.93, -77.26], 1.7 N VIENNA [38.92, -77.26], 1.6 S KENMORE [38.93, -77.27], 1.5 S KENMORE [38.93, -77.27]**

05/05/17 07:36 EST	0	Flood (due to Heavy Rain)
05/05/17 11:30 EST	0	Source: 911 Call Center

Old Courthouse Road was closed near Besley Road due to high water.

**FAIRFAX COUNTY --- 1.8 SSW CHANTILLY [38.88, -77.44], 2.0 SSW CHANTILLY [38.87, -77.44], 2.0 SSW CHANTILLY [38.87, -77.44], 1.9 SSW CHANTILLY [38.87, -77.44]**

## Storm Data and Unusual Weather Phenomena - May 2017

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	05/05/17 07:37 EST		0	Flood (due to Heavy Rain)
	05/05/17 11:30 EST		0	Source: 911 Call Center

Park Meadow Road was closed near Westfields Boulevard due to high water.

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<b>WAYNESBORO (C) COUNTY --- 1.0 S WAYNESBORO [38.06, -78.88], 1.8 SW WAYNESBORO [38.05, -78.90], 1.3 NNW WAYNESBORO [38.09, -78.89], 2.6 NNW WAYNESBORO [38.11, -78.90], 2.7 NNE WAYNESBORO [38.11, -78.86], 0.9 NE WAYNESBORO [38.08, -78.87]</b>				
	05/05/17 09:07 EST		0	Flood (due to Heavy Rain)
	05/05/17 11:45 EST		0	Source: River/Stream Gage

The stream gauge on South River at Dooms exceeded the 11 foot flood stage and peaked at 11.23 feet at 10:15 EST. At this level, agricultural flooding was occurring near the river. Livestock should have been moved to higher ground. Flooding was also occurring in the City of Waynesboro to the south.

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<b>NELSON COUNTY --- 0.5 SE STAGE BRIDGE [37.82, -78.77], 0.7 S STAGE BRIDGE [37.82, -78.78], 0.9 WSW STAGE BRIDGE [37.82, -78.79], 0.9 W STAGE BRIDGE [37.83, -78.80], 1.2 NW STAGE BRIDGE [37.84, -78.79], 0.8 NNW STAGE BRIDGE [37.84, -78.79]</b>				
	05/05/17 09:24 EST		0	Flood (due to Heavy Rain)
	05/05/17 10:25 EST		0	Source: River/Stream Gage

The stream gauge on Rockfish River at Greenfield exceeded their flood stage of 12 feet and peaked at 12.08 feet at 10:00 EST. Water began to cover a portion of Route 617 near the river. Nearby fields were also flooded.

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<b>SHENANDOAH COUNTY --- 1.1 NW MT CLIFTON [38.76, -78.71], 1.1 NW MT CLIFTON [38.76, -78.71], 0.8 WNW MT CLIFTON [38.76, -78.71], 0.8 NW MT CLIFTON [38.76, -78.71]</b>				
	05/05/17 09:34 EST		0	Flood (due to Heavy Rain)
	05/05/17 19:00 EST		0	Source: Trained Spotter

Water was flowing over Garber Road between Kibler Road and Graveltown Road.

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<b>MADISON COUNTY --- 1.8 ESE LOCUST DALE [38.32, -78.10], 2.1 ESE LOCUST DALE [38.32, -78.09], 2.2 E LOCUST DALE [38.33, -78.09], 2.7 E LOCUST DALE [38.33, -78.08], 2.4 E LOCUST DALE [38.33, -78.09], 2.3 ENE LOCUST DALE [38.34, -78.09], 1.9 ENE LOCUST DALE [38.34, -78.10]</b>				
	05/05/17 09:38 EST		0	Flood (due to Heavy Rain)
	05/05/17 22:15 EST		0	Source: River/Stream Gage

The stream gauge on Robinson River at Locust Dale exceeded their flood stage of 11 feet and peaked at 15.38 feet at 14:45 EST. Multiple spots on Route 721 were flooded, along with other nearby low lying land. Access may affected some residents.

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<b>CULPEPER COUNTY --- 0.7 N RIXEYVILLE [38.59, -77.97], 0.7 NNE RIXEYVILLE [38.59, -77.97], 1.0 NNE RIXEYVILLE [38.59, -77.96], 1.2 NNE RIXEYVILLE [38.60, -77.97], 1.3 N RIXEYVILLE [38.60, -77.97], 1.3 NNW RIXEYVILLE [38.60, -77.98], 1.1 ESE MONUMENT MILLS [38.60, -77.98], 0.8 NW RIXEYVILLE [38.59, -77.98]</b>				
	05/05/17 10:38 EST		0	Flood (due to Heavy Rain)
	05/06/17 00:20 EST		0	Source: River/Stream Gage

The stream gauge on Hazel River at Rixeyville exceeded their flood stage of 16 feet and peaked at 19.66 feet at 17:30 EST. Low lying agricultural land near the river began to flood.

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<b>ALBEMARLE COUNTY --- 1.4 NW STONY PT [38.14, -78.39], 1.2 WNW GILBERT [38.14, -78.39], 1.0 NW STONY PT [38.13, -78.39], 1.1 NW STONY PT [38.13, -78.39]</b>				
	05/05/17 12:08 EST		5K	Flood (due to Heavy Rain)
	05/05/17 17:30 EST		0	Source: Law Enforcement

There was a vehicle trapped in water overflowing from Preddy Creek onto Watts Passage. A water rescue was being conducted.

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<b>FAUQUIER COUNTY --- 0.5 W REMINGTON [38.53, -77.81], 0.3 NW REMINGTON [38.53, -77.80], 0.0 NE REMINGTON [38.53, -77.80], 0.7 SW REMINGTON [38.52, -77.81], 0.7 W REMINGTON [38.53, -77.81]</b>				
	05/06/17 00:24 EST		0	Flood (due to Heavy Rain)
	05/06/17 10:23 EST		0	Source: River/Stream Gage

The stream gauge on Rappahannock River at Remington exceeded their flood stage of 15 feet and peaked at 16.53 feet at 5:00 EST. Tin Pot Run Road and Sumerduck Road near Remington were flooded.

**Low pressure was located across the Tennessee Valley while a strong low level jet transported moisture into the Mid-Atlantic. Showers and thunderstorms led to heavy rain across northern and central Virginia leading to scattered flooding mainly from rivers and creeks over flowing.**

## Storm Data and Unusual Weather Phenomena - May 2017

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>NELSON COUNTY --- 1.6 SSE LOVINGSTON [37.75, -78.87]</b>				
	05/05/17 04:30 EST	0		Thunderstorm Wind (EG 50 kt)
	05/05/17 04:30 EST	0		Source: 911 Call Center
A tree fell down onto the James River near Route 642.				
<b>ALBEMARLE COUNTY --- 1.3 S MIDWAY [38.01, -78.70]</b>				
	05/05/17 04:48 EST	0		Thunderstorm Wind (EG 50 kt)
	05/05/17 04:48 EST	0		Source: 911 Call Center
A tree was down near the intersection of Miller School Road and Samuel Miller Loop.				
<b>ALBEMARLE COUNTY --- 0.8 NNE WARREN [37.78, -78.56]</b>				
	05/05/17 04:55 EST	0		Thunderstorm Wind (EG 50 kt)
	05/05/17 04:55 EST	0		Source: 911 Call Center
A tree was down along the 1500 Block of James River Road.				
<b>ALBEMARLE COUNTY --- 1.7 SSW PROFFIT [38.10, -78.44]</b>				
	05/05/17 05:16 EST	0		Thunderstorm Wind (EG 50 kt)
	05/05/17 05:16 EST	0		Source: 911 Call Center
A tree was down in the 1700 Block of Polo Grounds Road.				
<b>PRINCE WILLIAM COUNTY --- 1.5 S MINNIEVILLE [38.61, -77.35]</b>				
	05/05/17 07:10 EST	0		Thunderstorm Wind (EG 50 kt)
	05/05/17 07:10 EST	0		Source: 911 Call Center
A tree was down on Marlinton Drive between Brawner Drive and Barger Place.				
<b>KING GEORGE COUNTY --- 0.8 W KING GEORGE [38.27, -77.18]</b>				
	05/05/17 07:13 EST	0		Thunderstorm Wind (EG 50 kt)
	05/05/17 07:13 EST	0		Source: 911 Call Center
A tree was down on James Madison Parkway near Roseland Road.				
<b>ORANGE COUNTY --- 2.4 SW BURR HILL [38.33, -77.90], 1.7 WSW BURR HILL [38.34, -77.90]</b>				
	05/05/17 07:17 EST	0		Tornado (EF1, L: 0.87 mi , W: 100 yd)
	05/05/17 07:18 EST	0		Source: NWS Storm Survey
<p>The National Weather Service Baltimore/Washington Weather Forecast located in Sterling, Virginia, has confirmed a tornado on May 5, 2017, near Bledsoe Corner in Orange County Virginia, which is about 11 miles southeast of Culpeper. Damage began on a property in the 27000 block of Old Musterfield Lane, where about a dozen large pine, maple, and cedar trees were snapped and uprooted in multiple directions in a convergent pattern. A stone wall was blown over, and some smaller objects were carried hundreds of yards. The tornado proceeded northeast over woods surrounding Cooke Lane where dozens of large trees were snapped and uprooted in multiple directions, where a home sustained siding and minor roofing damage from the wind. Several other homes and structures had damage from falling trees and tree limbs. The tornado continued northeast through the woods until it came upon a cinder block garage. The wind entered the structure, lifted the roof off, and knocked down most of the walls. Debris was carried across Musterfield Road into a field. A few snapped trees were noted at the far end of the field. That was the last noted damage.</p> <p>The National Weather Service would like to thank the residents who reported the damage and helped survey the area ; along with the County of Orange Department of Fire and EMS, and the Virginia Department of Emergency Management for coordination .</p>				
<b>KING GEORGE COUNTY --- 2.0 ENE DAHLGREN [38.34, -77.02], 2.7 NE DAHLGREN [38.36, -77.02]</b>				
	05/05/17 08:19 EST	0		Tornado (EF1, L: 1.18 mi , W: 10 yd)
	05/05/17 08:21 EST	0		Source: NWS Storm Survey

## Storm Data and Unusual Weather Phenomena - May 2017

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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The National Weather Service in Baltimore MD/Washington DC has confirmed a narrow, 10 yard wide tornado near Dahlgren in King George County VA on the morning of May 05, 2017.

Peak winds were 90 mph, a level EF-1 on the Enhanced Fujita scale. Damage has been confirmed along a 0.6 mile path from the northeastern corner of Naval Support Facility Dahlgren property, north across Hwy 301 just west of the Harry Nice Bridge, to Barnesfield Park. NWS storm survey identified the first damage as small limbs on Higley Rd. A couple trees were snapped as the tornado moved northwest to a parking lot where it turned north. Four cars were flipped in this parking lot at 8:20am by a narrow vortex as confirmed by security camera footage. FAA radars for Joint Base Andrews and Reagan National airport both depicted some rotation at this time which helped confirm the reported times.

Two trees were snapped in a forest north of this parking lot. The next evident damage was a large uprooted pine tree that fell southwest onto Hwy 301 just west of a visitor center. Several trees were snapped and uprooted on the west side of the parking lot for the visitor center with tree damage then continuing to Barnesfield Park. Minor damage at the baseball fields in the park included a destroyed equipment shed, bleachers blown into a fence and a damaged metal bench. No further damage was evident on the tree line at the edge of the baseball fields, so this was determined to be the north end of the tornado track.

**Low pressure was located across the Tennessee Valley while a strong low level jet transported moisture into the Mid-Atlantic. Showers and thunderstorms developed across Virginia and the unstable atmosphere caused a few thunderstorms to become severe.**

**(VA-Z503) WESTERN HIGHLAND, (VA-Z504) EASTERN HIGHLAND**

05/08/17 01:00 EST	0	Frost/Freeze
05/08/17 13:00 EST	0	

Canadian high pressure approached from the west. A northwest flow ushered in chilly conditions. Temperatures dropped below freezing for portions of the Allegheny and Potomac Highlands.

**(VA-Z025) AUGUSTA, (VA-Z026) ROCKINGHAM, (VA-Z027) SHENANDOAH, (VA-Z503) WESTERN HIGHLAND, (VA-Z504) EASTERN HIGHLAND**

05/09/17 01:00 EST	0	Frost/Freeze
05/09/17 13:00 EST	0	

Canadian high pressure built overhead from the west. Radiational cooling led to chilly conditions. Temperatures dropped below freezing for portions of the Shenandoah Valley and Potomac Highlands.

**SHENANDOAH COUNTY --- 1.0 NNE CAPON RD [39.01, -78.36]**

05/18/17 17:12 EST	0	Hail (1.00 in)
05/18/17 17:12 EST	0	Source: Trained Spotter

Quarter sized hail was reported.

**FREDERICK COUNTY --- 0.8 SSE MEADOW MILLS [39.01, -78.30]**

05/18/17 17:30 EST	0	Hail (1.00 in)
05/18/17 17:30 EST	0	Source: Public

Quarter sized hail was reported.

**FREDERICK COUNTY --- 2.3 SSW SOUTH VIEW [39.02, -78.23]**

05/18/17 17:32 EST	0	Hail (1.00 in)
05/18/17 17:32 EST	0	Source: Public

Quarter sized hail was reported along Buckhorn Road.

**CLARKE COUNTY --- 6.8 ESE BERRYVILLE [39.12, -77.85]**

05/18/17 17:46 EST	0	Thunderstorm Wind (EG 52 kt)
05/18/17 17:46 EST	0	Source: 911 Call Center

Three trees were down.

**LOUDOUN COUNTY --- 0.6 SSW ARCOLA GLASCOCK ARPT [38.92, -77.56]**

05/18/17 18:42 EST	0	Hail (1.00 in)
05/18/17 18:42 EST	0	Source: Trained Spotter

Quarter sized hail was reported.

## Storm Data and Unusual Weather Phenomena - May 2017

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>LOUDOUN COUNTY --- 1.5 ESE ARCOLA GLASCOCK ARPT [38.92, -77.52]</b>				
	05/18/17 18:42 EST	0		Hail (1.00 in)
	05/18/17 18:42 EST	0		Source: NWS Employee
Quarter sized hail was reported at Pamplin Terrace.				
<b>PRINCE WILLIAM COUNTY --- 1.0 ENE HAYMARKET [38.82, -77.61]</b>				
	05/18/17 18:57 EST	0		Hail (1.00 in)
	05/18/17 18:57 EST	0		Source: Trained Spotter
Quarter sized hail was reported.				
<b>FAIRFAX COUNTY --- 1.3 SE BULL RUN [38.82, -77.46]</b>				
	05/18/17 18:58 EST	0		Thunderstorm Wind (EG 50 kt)
	05/18/17 18:58 EST	0		Source: 911 Call Center
A tree was down at Mount Olive and Compton Road.				
<b>FAIRFAX COUNTY --- 0.9 N JOHNSONS CORNER [38.81, -77.45]</b>				
	05/18/17 18:59 EST	0		Thunderstorm Wind (EG 50 kt)
	05/18/17 18:59 EST	0		Source: 911 Call Center
A tree was down at Old Centerville Road and Ravenscar Court.				
<b>FAIRFAX COUNTY --- 0.3 WSW FAIRFAX STATION [38.80, -77.33]</b>				
	05/18/17 19:05 EST	0		Thunderstorm Wind (EG 50 kt)
	05/18/17 19:05 EST	0		Source: 911 Call Center
A tree was down at Burke Center Parkway and Ox Road.				
<b>FAIRFAX COUNTY --- 0.5 WNW BUFFS CORNER [38.78, -77.34]</b>				
	05/18/17 19:05 EST	0		Thunderstorm Wind (EG 50 kt)
	05/18/17 19:05 EST	0		Source: 911 Call Center
A tree was down at Chapel Road and Yates ford Road.				
<b>FAIRFAX COUNTY --- 0.7 S SIDEBURN [38.79, -77.30]</b>				
	05/18/17 19:05 EST	0		Thunderstorm Wind (EG 50 kt)
	05/18/17 19:05 EST	0		Source: 911 Call Center
A tree was down near Burke Common Road and Robert Commons Lane.				
<b>PRINCE WILLIAM COUNTY --- 1.5 SW MINNIEVILLE [38.61, -77.37]</b>				
	05/18/17 19:24 EST	0		Thunderstorm Wind (MG 57 kt)
	05/18/17 19:24 EST	0		Source: Mesonet
A wind gust of 66 mph was reported at Forest Park High School.				
<b>FAIRFAX COUNTY --- 0.5 NNE NEWINGTON [38.74, -77.18]</b>				
	05/18/17 19:27 EST	0		Thunderstorm Wind (EG 50 kt)
	05/18/17 19:27 EST	0		Source: NWS Employee
A tree eight inches in diameter was down in the 6800 Block of Bulkley Road.				
<b>PRINCE WILLIAM COUNTY --- 0.8 WNW FEATHERSTONE [38.64, -77.26]</b>				
	05/18/17 19:30 EST	0		Thunderstorm Wind (EG 52 kt)
	05/18/17 19:30 EST	0		Source: 911 Call Center
Trees were down.				

High pressure off the Atlantic coast allowed for a southerly flow to usher in warm and humid conditions. The warm and humid conditions led to an unstable atmosphere. A pressure trough acted as a lifting mechanism for showers and thunderstorms to develop.



## Storm Data and Unusual Weather Phenomena - May 2017

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>Some thunderstorms became severe due to the instability and stronger winds aloft.</b>				
<hr/>				
<b>CULPEPER COUNTY --- 1.1 E RICHARDSVILLE [38.40, -77.71]</b>	05/19/17 14:48 EST	0		Hail (1.00 in)
	05/19/17 14:48 EST	0		Source: Public
Quarter sized hail was reported.				
<hr/>				
<b>GREENE COUNTY --- 1.8 E LYDIA [38.33, -78.47]</b>	05/19/17 14:53 EST	0		Thunderstorm Wind (EG 50 kt)
	05/19/17 14:53 EST	0		Source: Public
Several trees were down across roadways in the Turkey Ridge Area.				
<hr/>				
<b>GREENE COUNTY --- 2.6 E LYDIA [38.34, -78.45]</b>	05/19/17 14:54 EST	0		Thunderstorm Wind (EG 50 kt)
	05/19/17 14:54 EST	0		Source: Trained Spotter
Several trees and large limbs were down.				
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<b>GREENE COUNTY --- 2.0 NE STANDARDSVILLE [38.32, -78.40]</b>	05/19/17 15:05 EST	0		Thunderstorm Wind (EG 50 kt)
	05/19/17 15:05 EST	0		Source: Public
Two medium size trees were down at Green Hills Country Club.				
<hr/>				
<b>MADISON COUNTY --- 0.4 NNE WOLFTOWN [38.36, -78.35]</b>	05/19/17 15:07 EST	0		Thunderstorm Wind (EG 52 kt)
	05/19/17 15:07 EST	0		Source: 911 Call Center
Several reports of trees were down in the Wolfstown area.				
<hr/>				
<b>MADISON COUNTY --- 0.2 S PRATTS [38.35, -78.27]</b>	05/19/17 15:17 EST	0		Thunderstorm Wind (EG 50 kt)
	05/19/17 15:17 EST	0		Source: 911 Call Center
Trees were down in the area.				
<hr/>				
<b>MADISON COUNTY --- 1.1 W MADISON [38.38, -78.29]</b>	05/19/17 15:17 EST	0		Thunderstorm Wind (EG 50 kt)
	05/19/17 15:17 EST	0		Source: 911 Call Center
A tree was down on Ruth Road.				
<hr/>				
<b>CULPEPER COUNTY --- 0.9 SSW JEFFERSONTON [38.62, -77.90]</b>	05/19/17 15:33 EST	0		Thunderstorm Wind (EG 52 kt)
	05/19/17 15:33 EST	0		Source: 911 Call Center
Multiple trees were down.				
<hr/>				
<b>SPOTSYLVANIA COUNTY --- 1.3 NNW LEAVELLS [38.27, -77.53]</b>	05/19/17 15:50 EST	0		Hail (1.00 in)
	05/19/17 15:50 EST	0		Source: Trained Spotter
Quarter sized hail was reported.				
<hr/>				
<b>SPOTSYLVANIA COUNTY --- 0.4 NNW LEAVELLS [38.26, -77.52]</b>	05/19/17 15:52 EST	0		Thunderstorm Wind (EG 50 kt)
	05/19/17 15:52 EST	0		Source: 911 Call Center
A tree fell onto Leavells Crossing Drive at Woodland Drive.				

## Storm Data and Unusual Weather Phenomena - May 2017

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>KING GEORGE COUNTY --- 1.3 NW PORT CONWAY [38.19, -77.20]</b>				
	05/19/17 16:38 EST		0	Hail (1.00 in)
	05/19/17 16:38 EST		0	Source: Public
Quarter sized hail tore off leaves and made pock marks on copper roof.				
<b>A warm and humid air mass led to the development of thunderstorms. A few thunderstorms became severe due to stronger winds aloft.</b>				
<b>ROCKINGHAM COUNTY --- 2.3 SSE MT CRAWFORD [38.34, -78.91], 2.5 SSE MT CRAWFORD [38.34, -78.91], 2.4 SSE MT CRAWFORD [38.34, -78.91], 2.1 SSE MT CRAWFORD [38.34, -78.91]</b>				
	05/25/17 08:52 EST		0	Flood (due to Heavy Rain)
	05/25/17 15:21 EST		0	Source: River/Stream Gage
The stream gauge on North River at Burketown exceeded their flood stage of 11 feet and peaked at 12.32 at 11:30 EST. Fairview Road began to flood near the gauge location.				
<b>AUGUSTA COUNTY --- 0.9 SE MT MERIDIAN [38.26, -78.86], 0.9 E MT MERIDIAN [38.27, -78.85], 0.5 ENE MT MERIDIAN [38.27, -78.86], 0.1 SE MT MERIDIAN [38.27, -78.87], 1.0 SSW MT MERIDIAN [38.26, -78.88], 1.5 S MT MERIDIAN [38.25, -78.87]</b>				
	05/25/17 14:15 EST		0	Flood (due to Heavy Rain)
	05/26/17 03:48 EST		0	Source: River/Stream Gage
The stream gauge at Middle River at Grottoes exceeded their flood stage of 12 feet and peaked at 13.06 feet at 00:15 EST. Fields along the river began to flood. Livestock should have been moved to higher ground.				
<b>Low pressure and an associated cold front moved across the Mid-Atlantic region during the day on May 25th. Temperatures and moisture increased across the region during the afternoon and showers and thunderstorms formed. This activity led to heavy rainfall that led to flooding.</b>				
<b>PRINCE WILLIAM COUNTY --- 0.8 ENE TRIANGLE [38.56, -77.32]</b>				
	05/25/17 16:12 EST		0	Thunderstorm Wind (EG 50 kt)
	05/25/17 16:12 EST		0	Source: 911 Call Center
A tree was down near the intersection of Graham Park Road and Cabin Road.				
<b>Low pressure and an associated cold front moved across the Mid-Atlantic region during the day on May 25th. Warm and humid conditions led to showers and thunderstorms. Some thunderstorms became severe.</b>				
<b>(VA-Z028) FREDERICK, (VA-Z030) WARREN, (VA-Z031) CLARKE, (VA-Z505) WESTERN LOUDOUN</b>				
	05/28/17 01:35 EST		0	Dense Fog
	05/28/17 05:35 EST		0	
<b>High pressure caused mainly clear skies and light winds. This allowed for areas of dense fog to develop.</b>				
<b>CULPEPER COUNTY --- 1.5 NNE RIXEYVILLE [38.60, -77.95]</b>				
	05/30/17 16:41 EST		0	Thunderstorm Wind (EG 50 kt)
	05/30/17 16:41 EST		0	Source: 911 Call Center
A tree was down near the intersection of Oak Shade road and Little Fort Church Road.				
<b>CULPEPER COUNTY --- 0.7 S JEFFERSONTON [38.62, -77.90]</b>				
	05/30/17 16:42 EST		0	Thunderstorm Wind (EG 50 kt)
	05/30/17 16:42 EST		0	Source: 911 Call Center
A tree was down near the intersection of Myers Mill Road and Jeffersonton Road.				
<b>CULPEPER COUNTY --- 0.5 WNW LAKOTA [38.58, -77.88]</b>				
	05/30/17 16:45 EST		0	Thunderstorm Wind (EG 50 kt)
	05/30/17 16:45 EST		0	Source: 911 Call Center
A few trees were down near the intersection of Lakota Road and Clover Hill Road.				

## Storm Data and Unusual Weather Phenomena - May 2017

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>FREDERICK COUNTY --- 1.9 ENE BURNING KNOLLS [39.18, -78.10]</b>				
	05/30/17 16:48 EST		0	Thunderstorm Wind (EG 50 kt)
	05/30/17 16:48 EST		0	Source: Trained Spotter
A few large trees fell onto trailers near the intersection of Route 7 and Woods Mill Road. Trees were also down in a neighborhood between Route 7 and Route 659.				
<b>CLARKE COUNTY --- 5.1 WNW BERRYVILLE [39.17, -78.06]</b>				
	05/30/17 16:55 EST		0	Thunderstorm Wind (EG 50 kt)
	05/30/17 16:55 EST		0	Source: 911 Call Center
A tree was down on Moose Road just south of Route 7.				
<b>CLARKE COUNTY --- 2.0 NW BERRYVILLE [39.17, -78.00], 1.6 NW BERRYVILLE [39.17, -77.99]</b>				
	05/30/17 16:59 EST		0	Tornado (EF0, L: 0.45 mi , W: 25 yd)
	05/30/17 17:01 EST		0	Source: NWS Storm Survey
The National Weather Service in Baltimore MD/Washington DC has confirmed through storm survey and radar analysis the touchdown of a brief , EF-0 tornado near Berryville in Clarke County Virginia on May 30, 2017.				
Damage began near the intersection of Trapp Hill Road and Harry Byrd Highway (Route 7), with an oak tree uprooted, falling to the east along a driveway leading to an estate home on Trapp Hill Road .				
This area has hilly terrain, and it appears that the tornado skipped a few valleys before doing more damage in the 1000 block of Trapp Hill Road. At a residence in the 1000 block of Trapp Hill Road, numerous large branches were down, along with uprooted hardwood trees. The protective coverings of a wood pile was strewn towards the south, whereas leave splatter at the residence was observed on both the northwest and southwest portion of the structure. Finally, one 18-inch diameter pine tree was snapped at about 30 feet off the surface, and with the snapped portion of the tree falling to the west. The magnitude and chaotic nature of tree damage in this localized area is consistent with tornadic damage at the EF-0 scale, with estimated winds 65 mph.				
The KLWX WSR-88D Weather Radar located in Sterling, Virginia, exhibited a pronounced hook echo in the 0.5 angle reflectivity products starting at 5:53 PM EDT, and continuing through 6:02 PM EDT. While hook echoes in of themselves do not constitute proof of a tornado, it does provide corroborating evidence that is consistent with the damage path.				
The residents of the impacted household were subscribed to the Clarke County Citizen Alert System , and were notified via telephone and text message of the Tornado Warning that was issued in advance of this storm . This provided them several minutes to move to the basement of their home, decreasing their risk of injury due to the tornado. The National Weather Service Baltimore/Washington Weather Forecast Office encourages citizens throughout the area to take advantage of their countys emergency notification services.				
The National Weather Service would like to thank the residents who reported the damage and helped survey the area ; the Clarke County Department of Fire, EMS, Emergency Management; and the Virginia Department of Emergency Management for coordination .				
<b>FAUQUIER COUNTY --- 0.7 WNW REMINGTON [38.53, -77.81]</b>				
	05/30/17 17:04 EST		0	Thunderstorm Wind (EG 52 kt)
	05/30/17 17:04 EST		0	Source: 911 Call Center
Several large trees were down in Remington.				
<b>FAUQUIER COUNTY --- 0.6 NE BEALETON [38.58, -77.76]</b>				
	05/30/17 17:07 EST		0	Hail (1.00 in)
	05/30/17 17:07 EST		0	Source: Trained Spotter
Quarter sized hail was reported.				
<b>CLARKE COUNTY --- 1.2 NW BERRYVILLE [39.16, -77.99]</b>				
	05/30/17 17:08 EST		0	Hail (1.00 in)
	05/30/17 17:08 EST		0	Source: CoCoRaHS
Quarter sized hail was reported.				
<b>CLARKE COUNTY --- 1.2 WNW BERRYVILLE [39.16, -77.99]</b>				

## Storm Data and Unusual Weather Phenomena - May 2017

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	05/30/17 17:10 EST		0	Hail (1.25 in)
	05/30/17 17:10 EST		0	Source: Trained Spotter

Half dollar sized hail was reported.

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### STAFFORD COUNTY --- 0.3 W MOUNTAIN VIEW [38.47, -77.48]

	05/30/17 18:05 EST		0	Hail (1.00 in)
	05/30/17 18:05 EST		0	Source: Trained Spotter

Quarter sized hail was reported.

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### STAFFORD COUNTY --- 1.6 NE BERE A [38.37, -77.50]

	05/30/17 18:12 EST		0	Hail (1.00 in)
	05/30/17 18:12 EST		0	Source: Trained Spotter

Quarter sized hail was reported.

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### STAFFORD COUNTY --- 2.2 NW BROOKE [38.40, -77.45]

	05/30/17 18:15 EST		0	Thunderstorm Wind (MG 51 kt)
	05/30/17 18:15 EST		0	Source: AWOS

A wind gust of 59 mph was reported.

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### STAFFORD COUNTY --- 0.7 WSW SULLIVAN [38.31, -77.41]

	05/30/17 18:16 EST		0	Thunderstorm Wind (EG 50 kt)
	05/30/17 18:16 EST		0	Source: Trained Spotter

A couple of trees were down.

**A boundary stalled over the area. Warm and humid conditions ahead of the boundary led to an unstable atmosphere. Showers and thunderstorms developed, and some thunderstorms became severe due to the instability and strong winds aloft.**

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### CULPEPER COUNTY --- 1.1 NNE RIXEYVILLE [38.59, -77.96]

	05/31/17 15:40 EST		0	Thunderstorm Wind (EG 50 kt)
	05/31/17 15:40 EST		0	Source: 911 Call Center

A tree was down near Froggy Bottom Lane and Rixeyville.

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### FAIRFAX COUNTY --- 1.3 NNE SUNSET HILLS [38.97, -77.34]

	05/31/17 16:20 EST		0	Hail (1.00 in)
	05/31/17 16:20 EST		0	Source: Trained Spotter

Quarter sized hail was reported.

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### FAIRFAX COUNTY --- 2.2 NW GREAT FALLS [39.03, -77.29]

	05/31/17 16:24 EST		0	Thunderstorm Wind (EG 50 kt)
	05/31/17 16:24 EST		0	Source: 911 Call Center

Tree limbs and power lines were down in the vicinity of Beach Mill and Walker Road.

**A weak boundary remained over the region. Warm and humid conditions ahead of the boundary led to the development of showers and thunderstorms. A few thunderstorms became severe.**

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## WEST VIRGINIA, East

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### BERKELEY COUNTY --- BUNKER HILL [39.33, -78.05], 0.5 N BUNKER HILL [39.34, -78.05], 0.8 SW INWOOD [39.34, -78.06], 0.9 NW BUNKER HILL [39.34, -78.06]

	05/05/17 10:34 EST		0	Flood (due to Heavy Rain)
	05/05/17 13:55 EST		0	Source: River/Stream Gage

## Storm Data and Unusual Weather Phenomena - May 2017

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
The stream gauge on Mill Creek at Bunker Hill exceeded their flood stage of 4.2 feet and peaked at 4.47 feet at 12:30 EST. Henshaw Road was flooded under Interstate 81.				

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**BERKELEY COUNTY --- 0.6 NNW BUNKER HILL [39.34, -78.05], 0.6 NNW BUNKER HILL [39.34, -78.06], 0.9 NW BUNKER HILL [39.34, -78.06], 1.1 SW INWOOD [39.34, -78.06], 0.9 SW INWOOD [39.34, -78.06]**

05/05/17 14:32 EST		0		Flood (due to Heavy Rain)
05/05/17 22:00 EST		0		Source: Law Enforcement

There was a vehicle stuck in high water on Henshaw Road.

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**BERKELEY COUNTY --- 2.4 ENE (MRB)SHEPHERD FLD MR [39.42, -77.94], 2.2 WSW VANCLEVESVILLE [39.42, -77.94], 2.1 WSW VANCLEVESVILLE [39.42, -77.94], 1.7 SSW BLAIRTON [39.43, -77.93], 1.2 SSW BLAIRTON [39.43, -77.93], 0.4 SW BLAIRTON [39.45, -77.92], 0.7 W BLAIRTON [39.45, -77.93], 1.2 SW BLAIRTON [39.44, -77.94]**

05/05/17 17:47 EST		0		Flood (due to Heavy Rain)
05/06/17 05:22 EST		0		Source: River/Stream Gage

The stream gauge on Opequon River at Martinsburg exceeded their flood stage of 10 feet and peaked at 11.20 feet at 1:15 EST. Water began to cover backyards of homes on Bowers Road. Douglas Grove Road was flooded and impassible. Water also approaches Golf Course Road and Grapevine Road.

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**BERKELEY COUNTY --- 1.5 SSE TOMAHAWK [39.51, -78.04], 1.6 SSE TOMAHAWK [39.51, -78.04], 1.5 SE TOMAHAWK [39.51, -78.03], 1.3 SE TOMAHAWK [39.51, -78.04]**

05/05/17 19:19 EST		0		Flood (due to Heavy Rain)
05/06/17 06:11 EST		0		Source: River/Stream Gage

The stream gauge on Back Creek at Jones Springs exceeded their flood stage of 11 feet and peaked at 12.35 feet at 2:15 EST. Dry Run Road began to flood. Water approaches Daisy Lane.

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**MORGAN COUNTY --- 3.2 SSW GREAT CACAPON [39.58, -78.31], 3.3 SSW GREAT CACAPON [39.58, -78.31], 3.5 NW ROCK GAP [39.57, -78.32], 3.7 NW ROCK GAP [39.57, -78.32], 3.3 S WOODMONT [39.58, -78.32], 3.0 SSW GREAT CACAPON [39.58, -78.31]**

05/05/17 23:18 EST		0		Flood (due to Heavy Rain)
05/06/17 18:15 EST		0		Source: River/Stream Gage

The stream gauge on Cacapon River at Great Cacapon exceeded their flood stage of 9 feet and peaked at 10.30 feet at 5:45 EST. Rock Ford Road began to flood in multiple locations, including flowing completely over the low water bridge. Constant Run Road also began to flood.

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**JEFFERSON COUNTY --- 0.9 SSW MOUNTAIN MISSION [39.24, -77.81], 0.9 SSE BLOOMERY [39.24, -77.81], 0.3 N BLOOMERY [39.25, -77.82], 1.0 NNE MOUNTAIN MISSION [39.26, -77.80]**

05/06/17 19:06 EST		0		Flood (due to Heavy Rain)
05/07/17 07:22 EST		0		Source: River/Stream Gage

The stream gauge on Shenandoah River at Millville exceeded their flood stage of 10 feet and peaked at 10.61 feet at 00:15 EST. Parts of Bloomery Road and John Rissler Road were flooded near Bloomery, WV. Once these roads flood, access to homes was impaired but the homes themselves are not in any danger of flooding. Moulton Park and the Millville boat launch were also flooded.

**Low pressure was located across the Tennessee Valley while a strong low level jet transported moisture into the Mid-Atlantic. Showers and thunderstorms led to heavy rain across northern and central Virginia leading to scattered flooding mainly from rivers and creeks over flowing.**

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**(WV-Z505) WESTERN PENDLETON, (WV-Z506) EASTERN PENDLETON**

05/08/17 01:00 EST		0		Frost/Freeze
05/08/17 08:00 EST		0		

Canadian high pressure approached from the west. A northwest flow ushered in chilly conditions. Temperatures dropped below freezing for portions of the Allegheny and Potomac Highlands.

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**(WV-Z050) HAMPSHIRE, (WV-Z053) JEFFERSON, (WV-Z501) WESTERN GRANT, (WV-Z502) EASTERN GRANT, (WV-Z503) WESTERN MINERAL, (WV-Z504) EASTERN MINERAL, (WV-Z505) WESTERN PENDLETON, (WV-Z506) EASTERN PENDLETON**

05/09/17 01:00 EST		0		Frost/Freeze
05/09/17 13:00 EST		0		

Canadian high pressure built overhead from the west. Radiational cooling led to chilly conditions. Temperatures dropped below freezing for portions of eastern West Virginia.

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**JEFFERSON COUNTY --- 0.8 ENE MT PLEASANT [39.25, -77.94]**

## Storm Data and Unusual Weather Phenomena - May 2017

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	05/18/17 17:05 EST		0	Hail (1.00 in)
	05/18/17 17:05 EST		0	Source: Trained Spotter

Quarter sized hail was reported.

**High pressure off the Atlantic coast allowed for a southerly flow to usher in warm and humid conditions. The warm and humid conditions led to an unstable atmosphere. A pressure trough acted as a lifting mechanism for showers and thunderstorms to develop. Some thunderstorms became severe due to the instability and stronger winds aloft.**

**JEFFERSON COUNTY --- 0.7 SE BLOOMERY [39.24, -77.81], 0.4 N BLOOMERY [39.26, -77.82], 0.5 NNE BLOOMERY [39.26, -77.82], 0.8 NNW MOUNTAIN MISSION [39.26, -77.81], 1.2 NNE MOUNTAIN MISSION [39.27, -77.79]**

05/26/17 18:22 EST	0	Flood (due to Heavy Rain)
05/27/17 07:22 EST	0	Source: River/Stream Gage

The stream gauge on Shenandoah River at Millville exceeded their flood stage of 10 feet and peaked at 10.6 feet at 22:30 EST. Parts of Bloomery Road and John Rissler Road were likely flooded near Bloomery, WV. Once these roads flood, access to homes is impaired but the homes themselves are not in any danger of flooding. Moulton Park and the Millville boat launch are also flooded.

**Low pressure and an associated cold front moved across the Mid-Atlantic region during the day on May 25th. Temperatures and moisture increased across the region during the afternoon and showers and thunderstorms formed. This activity led to heavy rainfall that led to flooding.**

**(WV-Z050) HAMPSHIRE, (WV-Z051) MORGAN, (WV-Z052) BERKELEY, (WV-Z053) JEFFERSON, (WV-Z504) EASTERN MINERAL**

05/27/17 23:27 EST	0	Dense Fog
05/28/17 05:53 EST	0	

**High pressure caused mainly clear skies and light winds. This allowed for areas of dense fog to develop.**