

Storm Data and Unusual Weather Phenomena - July 2017

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
ATLANTIC NORTH				
TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- NATIONALS PARK (WSHNP) [38.87, -77.01]				
	07/01/17 15:09 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	07/01/17 15:09 EST	0		Source: Mesonet
A wind gust in excess of 30 knots was reported.				
PATAPSCO RIVER INCLUDING BALTIMORE HARBOR COUNTY --- BALTIMORE KEY BRIDGE (FSKM2) [39.22, -76.53]				
	07/01/17 15:24 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	07/01/17 15:24 EST	0		Source: Buoy
A wind gust in excess of 30 knots was reported.				
CHESAPEAKE BAY POOLES IS TO SANDY PT MD COUNTY --- (KMTN)MARTIN STATE AIRPORT [39.33, -76.42]				
	07/01/17 15:35 EST	0		Marine Thunderstorm Wind (MG 38 kt)
	07/01/17 15:35 EST	0		Source: AWOS
A wind gust of 38 knots was reported at Martin State.				
CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- ANNAPOLIS BUOY (44063) [39.96, -76.45]				
	07/01/17 15:40 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	07/01/17 15:40 EST	0		Source: Buoy
Wind gusts in excess of 30 knots were reported.				
CHESAPEAKE BAY POOLES IS TO SANDY PT MD COUNTY --- TOLCHESTER MD (TCBM2) [39.32, -76.25]				
	07/01/17 15:47 EST	0		Marine Thunderstorm Wind (EG 35 kt)
	07/01/17 15:47 EST	0		Source: Buoy
A wind gust of 35 knots was reported at Tolchester.				
CHESAPEAKE BAY POOLES IS TO SANDY PT MD COUNTY --- TOLCHESTER MD (TCBM2) [39.32, -76.25]				
	07/01/17 15:47 EST	0		Marine Thunderstorm Wind (MG 35 kt)
	07/01/17 15:47 EST	0		Source: Buoy
A wind gust of 35 knots was measured at Tolchester Beach.				
CHESAPEAKE BAY POOLES IS TO SANDY PT MD COUNTY --- TOLCHESTER MD (TCBM2) [39.32, -76.25]				
	07/01/17 15:48 EST	0		Marine Thunderstorm Wind (MG 35 kt)
	07/01/17 16:00 EST	0		Source: Buoy
Wind gusts up to 35 knots were reported at Tolchester Beach.				
CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- (KW29)BAY BRIDGE AIRPORT [38.98, -76.33]				
	07/01/17 15:50 EST	0		Marine Thunderstorm Wind (MG 37 kt)
	07/01/17 15:50 EST	0		Source: AWOS
A wind gust of 37 knots was reported.				
CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- HERRING BAY (HRB) [38.73, -76.54]				
	07/01/17 15:53 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	07/01/17 15:53 EST	0		Source: Buoy
Wind gusts in excess of 30 knots were reported.				
CHESAPEAKE BAY N OF POOLES IS MD COUNTY --- GROVE POINT (GVP) [39.40, -76.04]				
	07/01/17 16:19 EST	0		Marine Thunderstorm Wind (EG 40 kt)
	07/01/17 16:19 EST	0		Source: Buoy
A wind gust of 40 knots was reported at Grove Point.				

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
CHESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY --- 2.6 S MID BAY BUOY [38.43, -76.39]				
	07/01/17 17:24 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	07/01/17 17:24 EST	0		Source: Buoy
A wind gusts in excess of 30 knots was reported at Cove Point.				
TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- POTOMAC LIGHT 33 (LT3) [38.34, -76.99]				
	07/01/17 17:33 EST	0		Marine Thunderstorm Wind (MG 44 kt)
	07/01/17 18:03 EST	0		Source: Buoy
Wind gusts up to 44 knots were reported at Potomac Light.				
TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- 1.5 E BABAR POINT (BAB) [38.31, -77.00]				
	07/01/17 17:55 EST	0		Marine Thunderstorm Wind (MG 40 kt)
	07/01/17 18:05 EST	0		Source: Buoy
A wind gust of 40 knots was reported at Pylons.				
TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- BABAR POINT (BAB) [38.31, -77.03]				
	07/01/17 17:55 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	07/01/17 17:55 EST	0		Source: Buoy
A wind gusts in excess of 30 knots was reported at Baber Point.				
TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- CUCKOLD CREEK (CCK) [38.31, -76.93]				
	07/01/17 18:07 EST	0		Marine Thunderstorm Wind (MG 51 kt)
	07/01/17 18:12 EST	0		Source: Buoy
Wind gusts of 38 to 51 knots were reported at Cuckold Creek.				
TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- MONROE CREEK (MON) [38.23, -76.95]				
	07/01/17 18:13 EST	0		Marine Thunderstorm Wind (MG 35 kt)
	07/01/17 18:13 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]				
	07/01/17 18:19 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	07/01/17 18:19 EST	0		Source: Buoy
A wind gust in excess of 30 knots was reported at Cobb Point.				
TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- 2.5 NNW COBB POINT (COB) [38.28, -76.84]				
	07/01/17 18:26 EST	0		Marine Thunderstorm Wind (EG 50 kt)
	07/01/17 18:26 EST	0		Source: Trained Spotter
Wind gusts around 50 knots were estimated based on thunderstorm wind damage nearby.				
TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY --- BISHOPS HEAD (BISM2) [38.22, -76.04]				
	07/01/17 18:30 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	07/01/17 18:30 EST	0		Source: Buoy
A wind gusts in excess of 30 knots was reported at Bishops Head.				
TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- 5.0 NNE COLES POINT (COL) [38.21, -76.58]				
	07/01/17 18:36 EST	0		Marine Hail (0.75 in)
	07/01/17 18:36 EST	0		Source: Trained Spotter
Penny sized hail was estimated nearby.				
TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- PINEY POINT (PPTM2) [38.13, -76.53]				

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/01/17 19:00 EST		0	Marine Thunderstorm Wind (MG 42 kt)
	07/01/17 19:12 EST		0	Source: Buoy

A wind gust of 42 knots was reported at Piney Point.

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

	07/01/17 19:09 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	07/01/17 19:09 EST		0	Source: Buoy

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

TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- LEWISSETTA (LWS) [38.00, -76.47]

	07/01/17 19:36 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	07/01/17 19:36 EST		0	Source: Buoy

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

TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- LEWISSETTA MD (LWTV2) [38.00, -76.47]

	07/01/17 19:36 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	07/01/17 19:36 EST		0	Source: Buoy

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

TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- LEWISSETTA (LWS) [38.00, -76.47]

	07/01/17 20:00 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	07/01/17 20:06 EST		0	Source: Buoy

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

TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- LEWISSETTA MD (LWTV2) [38.00, -76.47]

	07/01/17 20:00 EST		0	Marine Thunderstorm Wind (MG 34 kt)
	07/01/17 20:06 EST		0	Source: Buoy

Wind gusts up to 34 knots were reported at Lewisetta.

A cold front moved into the area triggering showers and thunderstorms. Hot and humid air ahead of the boundary caused an unstable air mass, which led to gusty winds with some thunderstorms.

TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- COBB POINT (COB) [38.24, -76.83]

	07/06/17 21:14 EST		0	Marine Thunderstorm Wind (MG 34 kt)
	07/06/17 21:14 EST		0	Source: Buoy

A wind gust of 34 knots was recorded.

TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- COBB POINT (COB) [38.24, -76.83]

	07/06/17 21:14 EST		0	Marine Thunderstorm Wind (MG 34 kt)
	07/06/17 21:14 EST		0	Source: Buoy

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

TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- PINEY POINT (PPTM2) [38.13, -76.53]

	07/06/17 21:42 EST		0	Marine Thunderstorm Wind (MG 34 kt)
	07/06/17 21:42 EST		0	Source: Buoy

A wind gust of 34 knots was recorded.

TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- PINEY POINT (PPTM2) [38.13, -76.53]

	07/06/17 21:42 EST		0	Marine Thunderstorm Wind (MG 35 kt)
	07/06/17 21:42 EST		0	Source: Buoy

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

A backdoor boundary triggered storms over the region. There was enough instability on the warm side of the boundary to trigger some

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gusty thunderstorms.				
TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- POTOMAC POINT LOOKOUT BUOY (44042) [38.03, -76.34]				
	07/07/17 02:30 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	07/07/17 02:30 EST		0	Source: Buoy
Wind gusts in excess of 30 knots were reported at Point Lookout.				
TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- 2.6 S WOODLAWN ES (ALVND) [38.69, -77.12]				
	07/07/17 19:20 EST		0	Marine Thunderstorm Wind (MG 40 kt)
	07/07/17 19:20 EST		0	Source: AWOS
A wind gust of 40 knots was recorded at Fort Belvoir.				
CHESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY --- GOOSSES REEF BUOY (44062) [38.56, -76.41]				
	07/07/17 20:30 EST		0	Marine Thunderstorm Wind (MG 35 kt)
	07/07/17 20:40 EST		0	Source: Buoy
Wind gusts up to 35 knots were reported at Gooses Reef.				
CHESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY --- 9.1 NNE GOOSSES REEF BUOY (44062) [38.68, -76.33]				
	07/07/17 20:31 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	07/07/17 20:31 EST		0	Source: Buoy
A wind gust in excess of 30 knots was reported at Blackwalnut Harbor.				
A cold front passed through the area. There was enough instability for some storms associated with the front to produce gusty winds.				
TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY --- CRISFIELD CG (CRS) [37.97, -75.88]				
	07/08/17 17:40 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	07/08/17 17:40 EST		0	Source: Buoy
A wind gust in excess of 30 knots was reported at Crisfield.				
TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY --- CRISFIELD FIRE DEPARTMENT (CRSFL) [37.98, -75.86]				
	07/08/17 17:55 EST		0	Marine Thunderstorm Wind (MG 34 kt)
	07/08/17 17:55 EST		0	Source: Mesonet
A wind gust of 34 knots was reported at Chrisfield.				
TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY --- RACCOON POINT (RAC) [38.14, -75.79]				
	07/08/17 17:59 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	07/08/17 17:59 EST		0	Source: Buoy
A wind in excess of 30 knots was measured at Raccoon Point.				
CHESAPEAKE BAY POOLES IS TO SANDY PT MD COUNTY --- HART MILLER ISLAND (HRT) [39.25, -76.37]				
	07/08/17 19:13 EST		0	Marine Thunderstorm Wind (MG 36 kt)
	07/08/17 19:13 EST		0	Source: Buoy
A wind gust of 36 knots was reported at Hart Miller Island.				
An unstable atmosphere led to a few gusty thunderstorms.				
CHESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY --- 2.6 S MID BAY BUOY [38.43, -76.39]				
	07/13/17 22:42 EST		0	Marine Thunderstorm Wind (MG 34 kt)
	07/13/17 23:18 EST		0	Source: Buoy
A wind gust of 34 knots was reported at Cove Point.				
TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY --- BISHOPS HEAD (BISM2) [38.22, -76.04]				

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/13/17 23:06 EST		0	Marine Thunderstorm Wind (MG 47 kt)
	07/14/17 00:00 EST		0	Source: Buoy

Wind gusts up to 47 knots were reported at Bishops Head.

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

	07/13/17 23:29 EST		0	Marine Thunderstorm Wind (MG 36 kt)
	07/13/17 23:34 EST		0	Source: Buoy

Wind gusts up to 36 knots was reported at Raccoon Point.

CHESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY --- 2.6 S MID BAY BUOY [38.43, -76.39]

	07/14/17 00:12 EST		0	Marine Thunderstorm Wind (MG 36 kt)
	07/14/17 00:12 EST		0	Source: Buoy

A wind gust of 36 knots was reported at Cove Point.

An unstable atmosphere led to a few gusty thunderstorms.

CHESAPEAKE BAY POOLES IS TO SANDY PT MD COUNTY --- HART MILLER ISLAND (HRT) [39.25, -76.37]

	07/14/17 15:08 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	07/14/17 15:08 EST		0	Source: Buoy

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

CHESAPEAKE BAY POOLES IS TO SANDY PT MD COUNTY --- TOLCHESTER MD (TCBM2) [39.32, -76.25]

	07/14/17 15:24 EST		0	Marine Thunderstorm Wind (MG 46 kt)
	07/14/17 15:24 EST		0	Source: Buoy

A wind gust in excess of 46 knots was reported at Tolchester Beach.

TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- ALEXANDRIA COUNTRY DAY (ALXNC) [38.83, -77.07]

	07/14/17 15:35 EST		0	Marine Thunderstorm Wind (MG 37 kt)
	07/14/17 15:49 EST		0	Source: Mesonet

Wind gusts of 35 to 37 knots were reported.

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

	07/14/17 15:36 EST		0	Marine Thunderstorm Wind (MG 42 kt)
	07/14/17 15:54 EST		0	Source: ASOS

Wind gusts of 37 to 42 knots were reported at Reagan National.

TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- GEORGE MASON ES (ALXD2) [38.83, -77.07]

	07/14/17 15:39 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	07/14/17 15:39 EST		0	Source: Mesonet

A wind gusts in excess of 30 knots was reported.

TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- 1.1 ESE LONG BRANCH ES (ARLNL) [38.86, -77.07]

	07/14/17 15:40 EST		0	Marine Thunderstorm Wind (MG 46 kt)
	07/14/17 15:45 EST		0	Source: Mesonet

Wind gusts of 37 to 46 knots were measured.

TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- WASHINGTON DC (WASD2) [38.87, -77.02]

	07/14/17 15:42 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	07/14/17 15:48 EST		0	Source: Mesonet

Wind gusts in excess of 30 knots were reported.

TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- NATIONALS PARK (WSHNP) [38.87, -77.01]

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/14/17 15:44 EST		0	Marine Thunderstorm Wind (MG 40 kt)
	07/14/17 15:59 EST		0	Source: Mesonet

Wind gusts of 37 to 40 knots were reported at Nationals Park.

TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- 0.7 SE (DCA)REAGAN NATIONAL AIRPORT [38.85, -77.02]				
	07/14/17 15:46 EST		0	Marine Thunderstorm Wind (EG 50 kt)
	07/14/17 15:46 EST		0	Source: Trained Spotter

A wind gust of 50 knots was estimated due to thunderstorm wind damage nearby.

TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- UPPER POTOMAC BUOY (44061) [38.79, -77.04]				
	07/14/17 15:48 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	07/14/17 15:48 EST		0	Source: Buoy

A wind gust in excess of 30 knots was reported at the Upper Potomac Buoy.

TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- GRACE EPISCOPAL SCHOOL (ALXGE) [38.84, -77.06]				
	07/14/17 15:54 EST		0	Marine Thunderstorm Wind (MG 36 kt)
	07/14/17 15:54 EST		0	Source: Mesonet

A wind gusts of 36 knots was reported.

TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- 1.5 E BABAR POINT (BAB) [38.31, -77.00]				
	07/14/17 16:20 EST		0	Marine Thunderstorm Wind (MG 39 kt)
	07/14/17 16:20 EST		0	Source: Buoy

A wind gusts of 39 knots was reported at Pylons.

CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- GREENBERRY POINT (GBY) [38.97, -76.46]				
	07/14/17 16:29 EST		0	Marine Thunderstorm Wind (MG 38 kt)
	07/14/17 16:29 EST		0	Source: Buoy

A wind gust of 38 knots was reported at Greenberry Point.

TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- WASHINGTON DISTRICT COLONIAL BEACH (CLNLB) [38.23, -76.98]				
	07/14/17 16:29 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	07/14/17 16:29 EST		0	Source: Mesonet

Wind gusts in excess of 30 knots were reported.

CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- ANNAPOLIS BUOY (44063) [39.96, -76.45]				
	07/14/17 16:30 EST		0	Marine Thunderstorm Wind (MG 37 kt)
	07/14/17 16:30 EST		0	Source: Buoy

A wind gust of 37 knots was reported at the Annapolis Buoy.

CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- TOLLY POINT (TOL) [38.94, -76.44]				
	07/14/17 16:31 EST		0	Marine Thunderstorm Wind (MG 37 kt)
	07/14/17 16:36 EST		0	Source: Buoy

Wind gusts of 36 to 37 knots were reported at Tolly Point.

TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- CUCKOLD CREEK (CCK) [38.31, -76.93]				
	07/14/17 16:37 EST		0	Marine Thunderstorm Wind (MG 39 kt)
	07/14/17 16:42 EST		0	Source: Buoy

Wind gusts of 36 to 39 knots were reported at Cuckold Creek.

TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- MONROE CREEK (MON) [38.23, -76.95]				
	07/14/17 16:38 EST		0	Marine Thunderstorm Wind (MG 40 kt)
	07/14/17 16:43 EST		0	Source: Buoy

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Wind gusts of 36 to 40 knots were reported at Monroe Creek.				
CHESAPEAKE BAY POOLES IS TO SANDY PT MD COUNTY --- PATAPSCO BUOY (44043) [39.15, -76.39]				
	07/14/17 16:40 EST	0		Marine Thunderstorm Wind (MG 37 kt)
	07/14/17 16:40 EST	0		Source: Buoy
A wind gust of 37 knots was reported.				
CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- ANNAPOLIS BUOY (44063) [39.96, -76.45]				
	07/14/17 16:40 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	07/14/17 16:40 EST	0		Source: Buoy
Wind gusts in excess of 30 knots were reported at the Annapolis Buoy.				
TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- MONROE CREEK (MON) [38.23, -76.95]				
	07/14/17 16:48 EST	0		Marine Thunderstorm Wind (MG 36 kt)
	07/14/17 17:13 EST	0		Source: Buoy
Wind gusts up to 36 knots were reported at Monroe Creek.				
TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- POTOMAC LIGHT 33 (LT3) [38.34, -76.99]				
	07/14/17 16:48 EST	0		Marine Thunderstorm Wind (MG 36 kt)
	07/14/17 16:58 EST	0		Source: Buoy
Wind gusts up to 35 knots were reported at Potomac Light.				
TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- COBB POINT (COB) [38.24, -76.83]				
	07/14/17 16:49 EST	0		Marine Thunderstorm Wind (MG 35 kt)
	07/14/17 17:34 EST	0		Source: Buoy
Wind gusts up to 35 knots were reported at Cobb Point.				
TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- 1.5 E BABAR POINT (BAB) [38.31, -77.00]				
	07/14/17 16:55 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	07/14/17 17:05 EST	0		Source: Buoy
Wind gusts in excess of 30 knots were reported at Pylons.				
CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- THOMAS POINT (TPLM2) [38.90, -76.44]				
	07/14/17 17:00 EST	0		Marine Thunderstorm Wind (MG 41 kt)
	07/14/17 17:00 EST	0		Source: Buoy
A wind gust of 41 knots was measured at Thomas Point.				
CHOPTANK RIVER TO CAMBRIDGE MD AND THE LITTLE CHOPTANK RIVER COUNTY --- BLACKWALNUT HARBOR (BWH) [38.68, -76.33]				
	07/14/17 17:01 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	07/14/17 17:01 EST	0		Source: Buoy
Wind gusts in excess of 30 knots were reported.				
TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- BABAR POINT (BAB) [38.31, -77.03]				
	07/14/17 17:05 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	07/14/17 17:05 EST	0		Source: Buoy
Wind gusts in excess of 30 knots were reported at Baber Point.				
TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- CUCKOLD CREEK (CCK) [38.31, -76.93]				
	07/14/17 17:12 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	07/14/17 17:12 EST	0		Source: Buoy
Wind gusts in excess of 30 knots were reported at Cuckold Creek.				

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
CHESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY --- 2.6 S MID BAY BUOY [38.43, -76.39]				
	07/14/17 17:36 EST		0	Marine Thunderstorm Wind (MG 42 kt)
	07/14/17 17:48 EST		0	Source: Buoy
Wind gusts up to 42 knots were measured Cove Point.				
CHOPTANK RIVER TO CAMBRIDGE MD AND THE LITTLE CHOPTANK RIVER COUNTY --- 6.6 WSW HORN POINT LAB (HPLWS) [38.55, -76.24]				
	07/14/17 17:40 EST		0	Marine Thunderstorm Wind (EG 50 kt)
	07/14/17 17:40 EST		0	Source: Unknown
A wind gust of 50 knots was estimated based on thunderstorm wind damage nearby.				
TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- PINEY POINT (PPTM2) [38.13, -76.53]				
	07/14/17 17:42 EST		0	Marine Thunderstorm Wind (MG 44 kt)
	07/14/17 18:00 EST		0	Source: Buoy
Wind gusts of 34 to 44 knots were reported at Piney Point.				
CHESAPEAKE BAY DRUM PT TO SMITH PT VA COUNTY --- PATUXENT RIVER ASOS (KNAK) [38.29, -76.41]				
	07/14/17 17:43 EST		0	Marine Thunderstorm Wind (MG 42 kt)
	07/14/17 17:47 EST		0	Source: Buoy
Wind gusts of 37 to 42 knots were reported at Patuxent River (KNHK).				
TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- LEWISSETTA (LWS) [38.00, -76.47]				
	07/14/17 17:54 EST		0	Marine Thunderstorm Wind (MG 42 kt)
	07/14/17 18:24 EST		0	Source: Buoy
Wind gusts up to 42 knots were reported at Lewissetta.				
TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- LEWISSETTA MD (LWTV2) [38.00, -76.47]				
	07/14/17 17:54 EST		0	Marine Thunderstorm Wind (MG 42 kt)
	07/14/17 18:24 EST		0	Source: Mesonet
Wind gusts up to 42 knots were reported at Lewissetta.				
TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- ST INIGOES (KNUI) [38.13, -76.42]				
	07/14/17 17:55 EST		0	Marine Thunderstorm Wind (MG 38 kt)
	07/14/17 17:55 EST		0	Source: AWOS
A wind gusts of 38 knots was reported at St. Inigoes.				
TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- POINT LOOKOUT (PTL) [38.04, -76.32]				
	07/14/17 18:00 EST		0	Marine Thunderstorm Wind (MG 49 kt)
	07/14/17 18:25 EST		0	Source: Buoy
Wind gusts up to 49 knots were reported at Point Lookout.				
TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY --- 0.2 SSE LOWER HOOPERS ISLAND (HPR) [38.26, -76.18]				
	07/14/17 18:16 EST		0	Marine Thunderstorm Wind (MG 38 kt)
	07/14/17 18:26 EST		0	Source: Buoy
Wind gusts up to 38 knots were reported at Hooper Island.				
CHESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY --- GOOSSES REEF BUOY (44062) [38.56, -76.41]				
	07/14/17 18:20 EST		0	Marine Thunderstorm Wind (MG 37 kt)
	07/14/17 18:20 EST		0	Source: Buoy
A wind gust of 37 knots was reported at Gooses Reef.				

Storm Data and Unusual Weather Phenomena - July 2017

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY --- RACCOON POINT (RAC) [38.14, -75.79]				
	07/14/17 18:29 EST	0		Marine Thunderstorm Wind (MG 34 kt)
	07/14/17 18:29 EST	0		Source: Buoy
A wind gust of 34 knots was reported at Raccoon Point.				
TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY --- BISHOPS HEAD (BISM2) [38.22, -76.04]				
	07/14/17 18:30 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	07/14/17 18:30 EST	0		Source: Buoy
A wind gusts in excess of 30 knots was reported at Bishops Head.				
TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY --- RACCOON POINT (RAC) [38.14, -75.79]				
	07/14/17 18:39 EST	0		Marine Thunderstorm Wind (MG 42 kt)
	07/14/17 18:54 EST	0		Source: Buoy
Wind gusts up to 42 knots were reported at Raccoon Point.				
TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY --- CRISFIELD CG (CRS) [37.97, -75.88]				
	07/14/17 18:41 EST	0		Marine Thunderstorm Wind (MG 41 kt)
	07/14/17 18:46 EST	0		Source: Buoy
Wind gusts up to 41 knots were reported at Crisfield.				
A cold front passed through the area. At the same time, an upper-level trough passed through increasing the winds aloft. There was enough shear to combine with an unstable atmosphere for gusty thunderstorms to develop.				
CHESTER RIVER TO QUEENSTOWN MD COUNTY --- 4.8 NE US-50 (MD040) [39.02, -76.19]				
	07/15/17 10:49 EST	0		Waterspout
	07/15/17 10:49 EST	0		Source: Coast Guard
A water spout was located near the Chester River to the north of Route 50.				
An isolated water spout occurred due to an unstable atmosphere and weak boundary nearby.				
CHESAPEAKE BAY N OF POOLES IS MD COUNTY --- SUSQUEHANNA RIVER BUOY (44057) [39.54, -76.07]				
	07/17/17 15:20 EST	0		Marine Thunderstorm Wind (MG 35 kt)
	07/17/17 15:30 EST	0		Source: Buoy
Wind gusts up to 35 knots were reported at the Susquehanna Buoy.				
An unstable atmosphere led to gusty winds in an isolated thunderstorms.				
TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- POTOMAC POINT LOOKOUT BUOY (44042) [38.03, -76.34]				
	07/20/17 15:40 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	07/20/17 15:40 EST	0		Source: Buoy
Wind gusts in excess of 30 knots were reported at Point Lookout.				
An unstable atmosphere led to an isolated thunderstorm with gusty winds.				
TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- NATIONALS PARK (WSHNP) [38.87, -77.01]				
	07/22/17 13:34 EST	0		Marine Thunderstorm Wind (MG 36 kt)
	07/22/17 13:39 EST	0		Source: Mesonet
Wind gusts up to 36 knots were measured at Nationals Park.				
TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- (DCA)REAGAN NATIONAL AIRPORT [38.86, -77.03]				
	07/22/17 13:35 EST	0		Marine Thunderstorm Wind (MG 42 kt)
	07/22/17 13:38 EST	0		Source: ASOS
Wind gusts of 36 to 42 knots were reported at Reagan National.				

Storm Data and Unusual Weather Phenomena - July 2017

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- WASHINGTON DC (WASD2) [38.87, -77.02]				
	07/22/17 13:36 EST	0		Marine Thunderstorm Wind (MG 37 kt)
	07/22/17 13:42 EST	0		Source: Mesonet
Wind gusts up to 37 knots were reported.				
CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- HERRING BAY (HRB) [38.73, -76.54]				
	07/22/17 14:03 EST	0		Marine Thunderstorm Wind (MG 44 kt)
	07/22/17 14:18 EST	0		Source: Buoy
Wind gusts up to 44 knots were reported at Herring Bay.				
CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- GREENBERRY POINT (GBY) [38.97, -76.46]				
	07/22/17 14:09 EST	0		Marine Thunderstorm Wind (MG 44 kt)
	07/22/17 14:14 EST	0		Source: Buoy
Wind gusts up to 44 knots were reported at Greenberry Point.				
CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- TOLLY POINT (TOL) [38.94, -76.44]				
	07/22/17 14:11 EST	0		Marine Thunderstorm Wind (MG 40 kt)
	07/22/17 14:16 EST	0		Source: Buoy
A wind gust of 40 knots was reported at Tolly Point.				
CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- KENT ISLAND (KNT) [38.92, -76.36]				
	07/22/17 14:15 EST	0		Marine Thunderstorm Wind (MG 43 kt)
	07/22/17 14:20 EST	0		Source: Buoy
Wind gusts of 37 to 43 knots were reported at Kent Island.				
CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- ANNAPOLIS BUOY (44063) [39.96, -76.45]				
	07/22/17 14:20 EST	0		Marine Thunderstorm Wind (MG 37 kt)
	07/22/17 14:20 EST	0		Source: Buoy
A wind gust of 37 knots was reported at the Annapolis Buoy.				
CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- (KW29)BAY BRIDGE AIRPORT [38.98, -76.33]				
	07/22/17 14:25 EST	0		Marine Thunderstorm Wind (MG 35 kt)
	07/22/17 14:25 EST	0		Source: AWOS
A wind gust of 35 knots was reported at the Bay Bridge.				
CHOPTANK RIVER TO CAMBRIDGE MD AND THE LITTLE CHOPTANK RIVER COUNTY --- BLACKWALNUT HARBOR (BWH) [38.68, -76.33]				
	07/22/17 14:26 EST	0		Marine Thunderstorm Wind (MG 40 kt)
	07/22/17 14:36 EST	0		Source: Buoy
Wind gusts up to 40 knots were reported at Black Walnut Harbor.				
CHESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY --- GOOSSES REEF BUOY (44062) [38.56, -76.41]				
	07/22/17 14:30 EST	0		Marine Thunderstorm Wind (MG 43 kt)
	07/22/17 14:40 EST	0		Source: Buoy
Wind gusts of 37 to 43 knots were reported at Gooses Reef.				
CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- THOMAS POINT (TPLM2) [38.90, -76.44]				
	07/22/17 15:00 EST	0		Marine Thunderstorm Wind (MG 49 kt)
	07/22/17 15:00 EST	0		Source: Buoy
A wind gust of 49 knots was reported at Thomas Point Lighthouse.				
TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY --- LOWER HOOPERS ISLAND (HPR) [38.26, -76.18]				

Storm Data and Unusual Weather Phenomena - July 2017

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/22/17 15:19 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	07/22/17 15:19 EST		0	Source: Buoy

Wind gusts in excess of 30 knots were reported at Hooper Island.

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

07/22/17 17:40 EST	0	Marine Thunderstorm Wind (MG 37 kt)
07/22/17 17:40 EST	0	Source: Mesonet

A wind gust of 37 knots was reported.

CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- HERRING BAY (HRB) [38.73, -76.54]

07/22/17 17:48 EST	0	Marine Thunderstorm Wind (MG 35 kt)
07/22/17 17:48 EST	0	Source: Buoy

A wind gust of 35 knots was reported at Herring Bay.

CHESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY --- GOOSSES REEF BUOY (44062) [38.56, -76.41]

07/22/17 17:50 EST	0	Marine Thunderstorm Wind (MG 35 kt)
07/22/17 18:00 EST	0	Source: Buoy

Wind gusts up to 35 knots were reported at Gooses Reef.

TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- COBB POINT (COB) [38.24, -76.83]

07/22/17 17:54 EST	0	Marine Thunderstorm Wind (MG 34 kt)
07/22/17 18:09 EST	0	Source: Buoy

Wind gusts up to 34 knots were reported at Cobb Point.

CHOPTANK RIVER TO CAMBRIDGE MD AND THE LITTLE CHOPTANK RIVER COUNTY --- BLACKWALNUT HARBOR (BWH) [38.68, -76.33]

07/22/17 17:56 EST	0	Marine Thunderstorm Wind (EG 34 kt)
07/22/17 17:56 EST	0	Source: Buoy

A wind gusts in excess of 30 knots was reported at Black Walnut Harbor.

CHESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY --- 2.6 S MID BAY BUOY [38.43, -76.39]

07/22/17 18:00 EST	0	Marine Thunderstorm Wind (MG 46 kt)
07/22/17 18:18 EST	0	Source: Buoy

Wind gusts of 34 to 46 knots were reported at Cove Point.

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

07/22/17 18:00 EST	0	Marine Thunderstorm Wind (EG 34 kt)
07/22/17 18:00 EST	0	Source: Buoy

A wind gusts in excess of 30 knots was reported at Thomas Point Lighthouse.

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

07/22/17 18:06 EST	0	Marine Thunderstorm Wind (EG 34 kt)
07/22/17 18:06 EST	0	Source: AWOS

A wind gusts in excess of 30 knots was reported at Patuxent River (KNHK).

TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY --- CRISFIELD CG (CRS) [37.97, -75.88]

07/22/17 19:28 EST	0	Marine Thunderstorm Wind (EG 34 kt)
07/22/17 19:28 EST	0	Source: Buoy

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

CHESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY --- GOOSSES REEF BUOY (44062) [38.56, -76.41]

07/22/17 21:40 EST	0	Marine Thunderstorm Wind (EG 34 kt)
07/22/17 21:40 EST	0	Source: Buoy

Storm Data and Unusual Weather Phenomena - July 2017

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
A wind gust in excess of 30 knots was reported at Gooses Reef.				
CHESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY --- 2.6 S MID BAY BUOY [38.43, -76.39]				
	07/22/17 21:42 EST	0		Marine Thunderstorm Wind (MG 34 kt)
	07/22/17 21:42 EST	0		Source: Buoy
A wind gust of 34 knots was reported at Cove Point.				
TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- COBB POINT (COB) [38.24, -76.83]				
	07/22/17 22:19 EST	0		Marine Thunderstorm Wind (MG 42 kt)
	07/22/17 22:24 EST	0		Source: Buoy
Wind gusts of 40 to 42 knots were reported at Cobb Point.				
TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- PINEY POINT (PPTM2) [38.13, -76.53]				
	07/22/17 22:42 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	07/22/17 22:42 EST	0		Source: Buoy
A wind gust in excess of 30 knots was reported at Piney Point.				
CHESAPEAKE BAY DRUM PT TO SMITH PT VA COUNTY --- PATUXENT RIVER ASOS (KNAK) [38.29, -76.41]				
	07/22/17 22:52 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	07/22/17 22:52 EST	0		Source: AWOS
A wind gust in excess of 30 knots was reported at Patuxent River (KNHK).				
TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- LEWISSETTA MD (LWTV2) [38.00, -76.47]				
	07/22/17 22:54 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	07/22/17 22:54 EST	0		Source: Buoy
A wind gust in excess of 30 knots was reported Lewisetta.				
TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- POTOMAC POINT LOOKOUT BUOY (44042) [38.03, -76.34]				
	07/22/17 23:10 EST	0		Marine Thunderstorm Wind (MG 39 kt)
	07/22/17 23:40 EST	0		Source: Buoy
Wind gusts up to 39 knots were reported.				
TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- POINT LOOKOUT (PTL) [38.04, -76.32]				
	07/22/17 23:30 EST	0		Marine Thunderstorm Wind (MG 40 kt)
	07/22/17 23:40 EST	0		Source: Buoy
Wind gusts up to 40 knots were reported at Point Lookout.				
TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY --- CRISFIELD CG (CRS) [37.97, -75.88]				
	07/22/17 23:53 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	07/23/17 00:03 EST	0		Source: Buoy
A wind gust in excess of 30 knots was reported at Crisfield.				
TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY --- CRISFIELD FIRE DEPARTMENT (CRSFL) [37.98, -75.86]				
	07/23/17 00:00 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	07/23/17 00:00 EST	0		Source: Mesonet
A wind gust in excess of 30 knots was reported at Crisfield.				
CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- HERRING BAY (HRB) [38.73, -76.54]				
	07/23/17 13:33 EST	0		Marine Thunderstorm Wind (MG 35 kt)
	07/23/17 13:33 EST	0		Source: Buoy
A wind gust of 35 knots was reported at Herring Bay.				

Storm Data and Unusual Weather Phenomena - July 2017

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- THOMAS POINT (TPLM2) [38.90, -76.44]				
	07/23/17 14:00 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	07/23/17 14:00 EST	0		Source: Buoy
A wind gust in excess of 30 knots was reported at Thomas Point Lighthouse.				
CHOPTANK RIVER TO CAMBRIDGE MD AND THE LITTLE CHOPTANK RIVER COUNTY --- BLACKWALNUT HARBOR (BWH) [38.68, -76.33]				
	07/23/17 14:01 EST	0		Marine Thunderstorm Wind (MG 41 kt)
	07/23/17 14:06 EST	0		Source: Buoy
Wind gusts up to 41 knots were reported at Black Walnut Harbor.				
TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- 1.1 ESE LONG BRANCH ES (ARLNL) [38.86, -77.07]				
	07/23/17 17:24 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	07/23/17 17:24 EST	0		Source: Mesonet
Wind gusts in excess of 30 knots were reported.				
A weak boundary moved into the area, but hot and humid conditions led to moderate to high amounts of instability. An upper-level trough increased winds aloft which caused storms associated with the boundary to produce gusty winds.				
CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- ANNAPOLIS (KNAK) [38.98, -76.48]				
	07/24/17 00:05 EST	0		Marine Thunderstorm Wind (MG 36 kt)
	07/24/17 00:12 EST	0		Source: ASOS
Wind gusts of 35 to 36 knots were reported at Annapolis.				
CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- ST MARYS ES (ANNAS) [38.98, -76.49]				
	07/24/17 00:10 EST	0		Marine Thunderstorm Wind (MG 42 kt)
	07/24/17 00:10 EST	0		Source: Mesonet
A wind gust of 42 knots was measured.				
CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- SANDY POINT (SPT) [39.01, -76.40]				
	07/24/17 00:18 EST	0		Marine Thunderstorm Wind (MG 37 kt)
	07/24/17 00:28 EST	0		Source: Buoy
Wind gusts up to 37 knots were reported at Sandy Point.				
TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY --- LOWER HOOPERS ISLAND (HPR) [38.26, -76.18]				
	07/24/17 00:54 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	07/24/17 00:54 EST	0		Source: Buoy
A wind gust in excess of 30 knots was reported at Hooper Island.				
CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- THOMAS POINT (TPLM2) [38.90, -76.44]				
	07/24/17 01:00 EST	0		Marine Thunderstorm Wind (MG 35 kt)
	07/24/17 01:00 EST	0		Source: Buoy
A wind gust of 35 knots was measured at Thomas Point Lighthouse.				
CHESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY --- 2.6 S MID BAY BUOY [38.43, -76.39]				
	07/24/17 01:06 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	07/24/17 01:06 EST	0		Source: Buoy
A wind gust in excess of 30 knots was reported at Cove Point.				
CHESAPEAKE BAY N OF POOLES IS MD COUNTY --- SUSQUEHANNA RIVER BUOY (44057) [39.54, -76.07]				
	07/24/17 19:30 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	07/24/17 19:30 EST	0		Source: Buoy
A wind gust in excess of 30 knots was reported at the Susquehanna Buoy.				

Storm Data and Unusual Weather Phenomena - July 2017

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
CHESAPEAKE BAY POLES IS TO SANDY PT MD COUNTY --- PATAPSCO BUOY (44043) [39.15, -76.39]				
	07/24/17 20:50 EST	0		Marine Thunderstorm Wind (MG 35 kt)
	07/24/17 20:50 EST	0		Source: Buoy

A wind gust of 35knots was reported at the Patapsco Buoy.

A boundary remained over the waters, triggering showers and thunderstorms. Moderate to high amounts of instability along with stronger winds aloft led to some storms producing gusty winds.

DISTRICT OF COLUMBIA

(DC-Z001) DISTRICT OF COLUMBIA

07/13/17 14:00 EST	0	Heat
07/13/17 17:00 EST	0	

High pressure both at the surface and aloft caused hot conditions. A southerly flow caused high humidity, which led to high heat indices.

(DC-Z001) DISTRICT OF COLUMBIA

07/14/17 11:00 EST	0	Heat
07/14/17 17:00 EST	0	

High pressure both at the surface and aloft caused hot conditions. A southerly flow caused high humidity, which led to high heat indices.

DISTRICT OF COLUMBIA COUNTY --- 0.7 NNE TENLEYTOWN [38.96, -77.06]

07/14/17 15:16 EST	0	Thunderstorm Wind (EG 50 kt)
07/14/17 15:16 EST	0	Source: Broadcast Media

A tree was down along Jocelyn Street Northwest and another tree fell onto a house in the 5300 Block of 32nd Street Northwest.

DISTRICT OF COLUMBIA COUNTY --- 1.3 ENE BOLLING AFB [38.85, -77.00]

07/14/17 15:46 EST	0	Thunderstorm Wind (EG 52 kt)
07/14/17 15:46 EST	0	Source: Emergency Manager

Numerous trees were down along MLK JR. Boulevard SE and West Street SE.

DISTRICT OF COLUMBIA COUNTY --- 0.7 SE ANACOSTIA [38.86, -76.96]

07/14/17 15:50 EST	0	Thunderstorm Wind (EG 52 kt)
07/14/17 15:50 EST	0	Source: Emergency Manager

Numerous trees were down including Naylor Road SE, Alabama Avenue SE, and Branch Avenue SE.

A cold front passed through the area. At the same time, an upper-level trough passed through increasing the winds aloft. There was enough shear to combine with an unstable atmosphere for severe thunderstorms to develop.

(DC-Z001) DISTRICT OF COLUMBIA

07/20/17 11:00 EST	0	Heat
07/20/17 17:00 EST	0	

High pressure both at the surface and aloft caused hot conditions. A southerly flow caused high humidity, which led to high heat indices.

DISTRICT OF COLUMBIA COUNTY --- 1.5 SSW WALTER REED [38.96, -77.04], 1.4 SSW WALTER REED [38.96, -77.04], 1.5 SSW WALTER REED [38.96, -77.05], 1.5 SSW WALTER REED [38.96, -77.04]

07/28/17 11:45 EST	0	Flash Flood (due to Heavy Rain)
07/28/17 14:45 EST	0	Source: Broadcast Media

Beach Drive was closed in the vicinity of Military Road due to flash flooding of Rock Creek. Joyce Road was also flooded in the same area.

DISTRICT OF COLUMBIA COUNTY --- 1.2 SW WALTER REED [38.97, -77.05], 1.4 SW WALTER REED [38.97, -77.05], 1.5 SW WALTER REED [38.96, -77.05], 1.5 ENE TENLEYTOWN [38.96, -77.04], 1.4 SSW WALTER REED [38.96, -77.04], 1.0 SW WALTER REED [38.97, -77.04]

Storm Data and Unusual Weather Phenomena - July 2017

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/28/17 13:21 EST		0	Flash Flood (due to Heavy Rain)
	07/28/17 17:45 EST		0	Source: River/Stream Gage

The stream gauge on Rock Creek at Rock Creek/Sherrill Drive exceeded the flood stage of 7 feet. It peaked at 8.36 feet at 23:30 EST. Water reached several portions of the Valley Trail between Picnic Areas 7 and 10 in Rock Creek Park.

DISTRICT OF COLUMBIA COUNTY --- 0.9 SW WALTER REED [38.97, -77.04], 1.1 SW WALTER REED [38.97, -77.05], 1.3 SW WALTER REED [38.97, -77.05], 1.4 ENE TENLEYTOWN [38.96, -77.05], 1.5 ENE TENLEYTOWN [38.96, -77.04], 1.6 SSW WALTER REED [38.96, -77.04]				
	07/28/17 17:45 EST		0	Flood (due to Heavy Rain)
	07/29/17 07:40 EST		0	Source: River/Stream Gage

The stream gauge on Rock Creek at Rock Creek/Sherrill Drive exceeded the flood stage of 7 feet. It peaked at 8.36 feet at 23:30 EST. Water reached several portions of the Valley Trail between Picnic Areas 7 and 10 in Rock Creek Park.

DISTRICT OF COLUMBIA COUNTY --- 1.0 ESE ANACOSTIA [38.86, -76.95], 1.1 S BENNING [38.86, -76.95], 1.1 S BENNING [38.86, -76.95], 1.0 ESE ANACOSTIA [38.86, -76.95]				
	07/29/17 02:00 EST		0	Flood (due to Heavy Rain)
	07/29/17 02:15 EST		0	Source: Fire Department/Rescue

Water damage from heavy rain caused a wall to collapse at an apartment building in the 3800 block of V Street Southeast.

A strong upper level low interacted with a frontal boundary near the Mid-Atlantic region and low pressure formed along the boundary. High moisture content and thunderstorms led to widespread flooding across the Mid-Atlantic region.

MARYLAND, Central

MONTGOMERY COUNTY --- 1.3 ENE ROCK CREEK FOREST [38.99, -77.03]				
	07/01/17 14:32 EST		0	Thunderstorm Wind (EG 50 kt)
	07/01/17 14:32 EST		0	Source: Department of Highways

A tree was down blocking the entrance to Bike Share Lot MD 410 near Blair Mill Road.

PRINCE GEORGE'S COUNTY --- 0.7 NNE COLLEGE PARK [38.99, -76.94]				
	07/01/17 14:58 EST		0	Thunderstorm Wind (EG 50 kt)
	07/01/17 14:58 EST		0	Source: Trained Spotter

A tree limb six inches in diameter fell onto a house.

ANNE ARUNDEL COUNTY --- 0.9 N EARLEIGH HGTS [39.11, -76.55]				
	07/01/17 15:14 EST		0	Thunderstorm Wind (EG 50 kt)
	07/01/17 15:14 EST		0	Source: 911 Call Center

Several trees were down in the Pasadena area.

ANNE ARUNDEL COUNTY --- 0.8 N ROBINSON [39.08, -76.57]				
	07/01/17 15:16 EST		0	Thunderstorm Wind (EG 50 kt)
	07/01/17 15:16 EST		0	Source: 911 Call Center

Several trees were down in the Severna Park Area.

HARFORD COUNTY --- 0.7 N RUTLEDGE [39.58, -76.50]				
	07/01/17 15:19 EST		0	Thunderstorm Wind (EG 50 kt)
	07/01/17 15:19 EST		0	Source: 911 Call Center

A tree was down in the 3600 block of Fallston Road.

HARFORD COUNTY --- 2.6 E NORRISVILLE [39.70, -76.48]				
	07/01/17 15:20 EST		0	Thunderstorm Wind (EG 50 kt)
	07/01/17 15:20 EST		0	Source: 911 Call Center

A tree was down in the 5100 Block of West Heaps Road.

Storm Data and Unusual Weather Phenomena - July 2017

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
HARFORD COUNTY --- 0.3 SW SCARFF [39.53, -76.43]				
	07/01/17 15:22 EST		0	Thunderstorm Wind (EG 50 kt)
	07/01/17 15:22 EST		0	Source: Department of Highways
A tree was blocking MD152 Fallston Road at Oakmont Road.				
PRINCE GEORGE'S COUNTY --- 1.5 NNE WESTWOOD [38.67, -76.72]				
	07/01/17 15:50 EST		0	Thunderstorm Wind (EG 50 kt)
	07/01/17 15:50 EST		0	Source: Department of Highways
A tree was down blocking Croom Road near Whites Landing Road.				
CALVERT COUNTY --- 1.0 SSW LUSBY [38.41, -76.45]				
	07/01/17 17:21 EST		0	Thunderstorm Wind (EG 50 kt)
	07/01/17 17:21 EST		0	Source: 911 Call Center
A tree fell on a house in the 500 Block of Sollars Wharf Road.				
CALVERT COUNTY --- 1.3 SSE LUSBY [38.40, -76.44]				
	07/01/17 17:23 EST		0	Thunderstorm Wind (EG 50 kt)
	07/01/17 17:23 EST		0	Source: 911 Call Center
A tree fell onto wires in the 9800 Block of H G Trueman Road.				
ST. MARY'S COUNTY --- 0.8 NE REDGATE [38.28, -76.59]				
	07/01/17 18:26 EST		0	Thunderstorm Wind (EG 50 kt)
	07/01/17 18:26 EST		0	Source: 911 Call Center
A Tree was down on Fairgrounds Road near Cartwright Road.				
ST. MARY'S COUNTY --- 1.1 NW LEONARDTOWN [38.31, -76.64]				
	07/01/17 18:26 EST		0	Hail (1.00 in)
	07/01/17 18:26 EST		0	Source: Trained Spotter
Quarter sized hail was reported.				
ST. MARY'S COUNTY --- 1.0 NW CHINGVILLE [38.24, -76.56]				
	07/01/17 18:50 EST		0	Hail (1.00 in)
	07/01/17 18:50 EST		0	Source: Trained Spotter
Quarter sized hail was reported.				
A cold front moved into the area triggering showers and thunderstorms. Hot and humid air ahead of the boundary caused an unstable air mass, which led to some thunderstorms becoming severe.				
ALLEGANY COUNTY --- 0.7 WNW CUMBERLAND [39.65, -78.78]				
	07/04/17 14:01 EST		0	Thunderstorm Wind (EG 50 kt)
	07/04/17 14:01 EST		0	Source: 911 Call Center
A tree was down on a house along Wilmont Avenue near Fayette Street.				
HARFORD COUNTY --- 0.6 SSW BYNUM [39.56, -76.37]				
	07/04/17 15:30 EST		0	Thunderstorm Wind (EG 50 kt)
	07/04/17 15:30 EST		0	Source: 911 Call Center
A tree was down along 1700 Landmark Drive.				
HARFORD COUNTY --- 0.8 W GIBSON [39.58, -76.35]				
	07/04/17 15:34 EST		0	Thunderstorm Wind (EG 50 kt)
	07/04/17 15:34 EST		0	Source: 911 Call Center
A tree was down at the Harford County Emergency Operations Office.				

Storm Data and Unusual Weather Phenomena - July 2017

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
HARFORD COUNTY --- 1.0 SSW BYNUM [39.56, -76.38]				
	07/04/17 15:35 EST		0	Thunderstorm Wind (EG 50 kt)
	07/04/17 15:35 EST		0	Source: Trained Spotter
A tree fell onto a house along Meadow Road and a tree was also down along Ross Road.				
HARFORD COUNTY --- 2.1 SSW POOLE [39.60, -76.26]				
	07/04/17 15:50 EST		0	Thunderstorm Wind (EG 50 kt)
	07/04/17 15:50 EST		0	Source: 911 Call Center
A tree was down along MD 136 near Harmony Church Road.				
FREDERICK COUNTY --- 1.6 WSW ELLERTON [39.52, -77.58]				
	07/04/17 16:30 EST		0	Thunderstorm Wind (EG 50 kt)
	07/04/17 16:30 EST		0	Source: 911 Call Center
A tree was down on US 40 at Easterday Road.				
A weak boundary triggered some showers and thunderstorms. A few storms became severe due to an unstable atmosphere.				
CHARLES COUNTY --- 0.7 WNW NEWTOWN [38.50, -76.96], 0.6 WNW NEWTOWN [38.50, -76.96], 0.6 WNW NEWTOWN [38.50, -76.96], 0.6 W NEWTOWN [38.50, -76.96]				
	07/06/17 08:00 EST		0	Flash Flood (due to Heavy Rain)
	07/06/17 12:30 EST		0	Source: 911 Call Center
There was high water flowing across the roadway near the intersection of Glen Albin Road and Spring Hill-Newtown Road.				
ST. MARY'S COUNTY --- 1.3 S OAKVILLE [38.36, -76.65], 1.8 SE LOVEVILLE [38.35, -76.66], 1.6 SE LOVEVILLE [38.35, -76.66], 1.2 S OAKVILLE [38.36, -76.65]				
	07/06/17 10:02 EST		0	Flash Flood (due to Heavy Rain)
	07/06/17 13:09 EST		0	Source: Emergency Manager
Friendship School Road washed out at the Culvert between Maypole Road and Jones Road. The road was closed.				
CALVERT COUNTY --- 1.2 ESE APPEAL [38.36, -76.43], 1.2 S BERTHA [38.36, -76.43], 1.3 S BERTHA [38.36, -76.43], 1.3 ESE APPEAL [38.36, -76.43]				
	07/06/17 10:05 EST		0	Flash Flood (due to Heavy Rain)
	07/06/17 13:09 EST		0	Source: Trained Spotter
Water inundated and flooded a garage in the 11800 Block of Spruce Street.				
ST. MARY'S COUNTY --- 1.3 NE HOLLYWOOD [38.36, -76.56], 1.1 NE HOLLYWOOD [38.36, -76.57], 1.1 NE HOLLYWOOD [38.36, -76.56], 1.3 NE HOLLYWOOD [38.36, -76.56]				
	07/06/17 10:05 EST		0	Flash Flood (due to Heavy Rain)
	07/06/17 13:09 EST		0	Source: Public
A stream was out of its banks causing water to flow over Vista Road near Hollywood.				
ST. MARY'S COUNTY --- 1.9 SW HILLVILLE [38.35, -76.64], 1.9 SSW HILLVILLE [38.35, -76.64], 1.8 SSW HILLVILLE [38.35, -76.64], 1.8 SW HILLVILLE [38.35, -76.64]				
	07/06/17 11:40 EST		0	Flash Flood (due to Heavy Rain)
	07/06/17 13:09 EST		0	Source: Emergency Manager
There was more than six inches of water flowing over Jones Road between McIntosh Road and Friendship School Road.				
ST. MARY'S COUNTY --- 0.8 NE BEAUVUE [38.26, -76.62], 0.8 NE BEAUVUE [38.26, -76.62], 0.9 NE BEAUVUE [38.26, -76.62], 0.9 NE BEAUVUE [38.26, -76.62]				
	07/06/17 12:00 EST		0	Flash Flood (due to Heavy Rain)
	07/06/17 13:09 EST		0	Source: Public
There was six inches of water flowing across Medleys Neck Road.				

Storm Data and Unusual Weather Phenomena - July 2017

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
ST. MARY'S COUNTY --- 1.0 N MORGANZA [38.39, -76.70], 1.0 N MORGANZA [38.39, -76.70], 1.2 N MORGANZA [38.40, -76.70], 1.2 N MORGANZA [38.40, -76.70]				
	07/06/17 12:30 EST		0	Flash Flood (due to Heavy Rain)
	07/06/17 13:09 EST		0	Source: Public
There were more than six inches of water flowing over Morganza Turner Road near Morganza.				
ST. MARY'S COUNTY --- 1.8 SW HILLVILLE [38.35, -76.64], 1.9 SW HILLVILLE [38.35, -76.64], 1.9 SSW HILLVILLE [38.35, -76.64], 1.8 SW HILLVILLE [38.35, -76.64]				
	07/06/17 13:30 EST		0	Flood (due to Heavy Rain)
	07/06/17 18:00 EST		0	Source: Public
More than six inches of water flowing over Jones Road near Mechanicsville due to earlier heavy rainfall pushing streams out of their banks.				
ST. MARY'S COUNTY --- 0.7 N GREAT MILLS [38.24, -76.50], 0.5 N GREAT MILLS [38.24, -76.50], 0.4 NNE GREAT MILLS [38.24, -76.50], 0.3 E GREAT MILLS [38.23, -76.50], 0.4 ENE GREAT MILLS [38.23, -76.49], 0.5 NE GREAT MILLS [38.24, -76.49]				
	07/06/17 14:03 EST		0	Flood (due to Heavy Rain)
	07/06/17 17:56 EST		0	Source: River/Stream Gage
The stream gauge on St Marys River at Great Mills reached their flood stage of 6 feet. It peaked at 6.77 feet at 16:00 EST. Flat Iron Road began to flood with water in some yards in Great Mills.				
A stationary boundary persisted across the Mid-Atlantic region. High moisture content led to high rainfall rates and due to multiple rounds of heavy rain flooding occurred across the region.				
(MD-Z013) PRINCE GEORGES, (MD-Z016) CHARLES, (MD-Z017) ST. MARY'S, (MD-Z018) CALVERT, (MD-Z504) CENTRAL AND SOUTHEAST MONTGOMERY				
	07/13/17 12:00 EST		0	Heat
	07/13/17 17:00 EST		0	
High pressure both at the surface and aloft caused hot conditions. A southerly flow caused high humidity, which led to high heat indices.				
(MD-Z013) PRINCE GEORGES, (MD-Z016) CHARLES, (MD-Z017) ST. MARY'S, (MD-Z504) CENTRAL AND SOUTHEAST MONTGOMERY, (MD-Z506) CENTRAL AND SOUTHEAST HOWARD				
	07/14/17 11:00 EST		0	Heat
	07/14/17 17:00 EST		0	
High pressure both at the surface and aloft caused hot conditions. A southerly flow caused high humidity, which led to high heat indices.				
PRINCE GEORGE'S COUNTY --- 0.9 SSW WESTCHESTER ESTATES [38.77, -76.93]				
	07/14/17 15:50 EST		0	Thunderstorm Wind (EG 50 kt)
	07/14/17 15:50 EST		0	Source: 911 Call Center
A tree was down along the 8600 Block of Temple Hill Road.				
PRINCE GEORGE'S COUNTY --- 0.8 SW DODGE PARK [38.91, -76.89]				
	07/14/17 15:55 EST		0	Thunderstorm Wind (MG 50 kt)
	07/14/17 15:55 EST		0	Source: Mesonet
A wind gust of 58 mph was reported.				
PRINCE GEORGE'S COUNTY --- 0.6 E WESTCHESTER ESTATES [38.78, -76.91]				
	07/14/17 16:06 EST		0	Thunderstorm Wind (EG 50 kt)
	07/14/17 16:06 EST		0	Source: 911 Call Center
A tree was down along 7909 Pinewood Drive.				
A cold front passed through the area. At the same time, an upper-level trough passed through increasing the winds aloft. There was enough shear to combine with an unstable atmosphere for severe thunderstorms to develop.				
MONTGOMERY COUNTY --- 0.8 SE LAYTONSVILLE [39.21, -77.14]				

Storm Data and Unusual Weather Phenomena - July 2017

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/17/17 14:30 EST		0	Hail (1.00 in)
	07/17/17 14:30 EST		0	Source: Trained Spotter

Quarter sized hail was reported.

MONTGOMERY COUNTY --- 1.4 W LAYTONSVILLE [39.22, -77.18]				
	07/17/17 14:34 EST		0	Thunderstorm Wind (EG 50 kt)
	07/17/17 14:34 EST		0	Source: Emergency Manager

Two large tree branches blocked the Intersection of Augusta Farm Lane and Woodfield Road.

MONTGOMERY COUNTY --- 1.6 WNW LAYTONSVILLE [39.23, -77.18]				
	07/17/17 14:34 EST		0	Thunderstorm Wind (EG 50 kt)
	07/17/17 14:34 EST		0	Source: 911 Call Center

A tree was down along Woodfield Road at Rocky Road.

MONTGOMERY COUNTY --- 1.2 NNE GOSHEN [39.22, -77.17]				
	07/17/17 14:37 EST		0	Thunderstorm Wind (EG 50 kt)
	07/17/17 14:37 EST		0	Source: Airplane Pilot

A tree was down along Woodfield Road at Churchill Downs Road.

BALTIMORE COUNTY --- 1.9 WNW GLEN MORRIS [39.49, -76.86]				
	07/17/17 14:58 EST		0	Thunderstorm Wind (EG 50 kt)
	07/17/17 14:58 EST		0	Source: 911 Call Center

A tree was down near Route 140 and Glen Falls Road.

A pressure trough triggered some showers and thunderstorms. Some storms became severe due to hot and humid conditions leading to an unstable atmosphere.

BALTIMORE COUNTY --- 0.6 NNW BELLTOWN [39.44, -76.80], 0.5 NNW BELLTOWN [39.44, -76.80], 0.6 N BELLTOWN [39.44, -76.80], 0.7 N BELLTOWN [39.44, -76.80]				
	07/17/17 14:59 EST		0	Flash Flood (due to Heavy Rain)
	07/17/17 17:45 EST		0	Source: Emergency Manager

There was about a foot of water moving quickly at the intersection of Reisterstown and High Falcon Road.

BALTIMORE COUNTY --- 0.0 SW OWINGS MILLS [39.42, -76.78], 0.2 WNW OWINGS MILLS [39.42, -76.78], 0.2 N OWINGS MILLS [39.42, -76.78], 0.2 N OWINGS MILLS [39.42, -76.78], 0.1 N OWINGS MILLS [39.42, -76.78], 0.1 N OWINGS MILLS [39.42, -76.78]				
	07/17/17 15:00 EST		10K	Flash Flood (due to Heavy Rain)
	07/17/17 17:45 EST		0	Source: Broadcast Media

There was over three feet of flowing water at 10435 Reisterstown Road. Water inundated an auto shop which included numerous cars.

MONTGOMERY COUNTY --- 0.7 SSW GOSHEN [39.19, -77.18], 0.7 SSW GOSHEN [39.19, -77.19], 0.9 SSW GOSHEN [39.19, -77.19], 0.9 SSW GOSHEN [39.19, -77.19]				
	07/17/17 15:15 EST		0	Flash Flood (due to Heavy Rain)
	07/17/17 18:15 EST		0	Source: 911 Call Center

Goshen Road and East Village Road were closed due to flooding.

MONTGOMERY COUNTY --- 0.7 ENE GOSHEN [39.20, -77.17], 0.8 ENE GOSHEN [39.20, -77.17], 1.1 ENE GOSHEN [39.21, -77.16], 0.9 ENE GOSHEN [39.21, -77.17]				
	07/17/17 15:17 EST		0.50K	Flash Flood (due to Heavy Rain)
	07/17/17 18:15 EST		0	Source: Emergency Manager

There was high moving water near 21200 Block of Woodfield Road and the road was closed in both directions. The water is believed to have partially uprooted a Pepco Pole.

An upper level trough approached while warm and moist conditions across the Mid-Atlantic region. Sufficient instability led to showers and thunderstorms that moved slowly and led to high rainfall rates mainly across north-central Maryland.

Storm Data and Unusual Weather Phenomena - July 2017

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
(MD-Z003) WASHINGTON, (MD-Z011) SOUTHERN BALTIMORE, (MD-Z013) PRINCE GEORGES, (MD-Z016) CHARLES, (MD-Z017) ST. MARY'S, (MD-Z018) CALVERT, (MD-Z502) CENTRAL AND EASTERN ALLEGANY				
	07/20/17 11:00 EST		0	Heat
	07/20/17 17:00 EST		0	
High pressure both at the surface and aloft caused hot conditions. A southerly flow caused high humidity, which led to high heat indices.				
(MD-Z016) CHARLES				
	07/21/17 11:00 EST		0	Heat
	07/21/17 17:00 EST		0	
High pressure both at the surface and aloft caused hot conditions. A southerly flow caused high humidity, which led to high heat indices.				
WASHINGTON COUNTY --- 0.8 ESE SANDY HOOK [39.33, -77.71]				
	07/22/17 12:23 EST		0	Thunderstorm Wind (EG 50 kt)
	07/22/17 12:23 EST	1	0	Source: 911 Call Center
A tree fell onto a car along Route 340 at Potomac River Crossing. An injury occurred due to the fallen tree.				
FREDERICK COUNTY --- 0.4 SE BRUNSWICK [39.32, -77.62]				
	07/22/17 12:30 EST		0	Thunderstorm Wind (EG 50 kt)
	07/22/17 12:30 EST		0	Source: 911 Call Center
A tree fell down on East Street.				
FREDERICK COUNTY --- 0.9 SE BRUNSWICK [39.31, -77.62]				
	07/22/17 12:30 EST		0	Thunderstorm Wind (EG 50 kt)
	07/22/17 12:30 EST		0	Source: 911 Call Center
A tree was down along the 600 Block of East Potomac Street.				
FREDERICK COUNTY --- 0.4 E ROSEMONT [39.33, -77.62]				
	07/22/17 12:31 EST		0	Thunderstorm Wind (EG 50 kt)
	07/22/17 12:31 EST		0	Source: 911 Call Center
A tree was down on power lines near the intersection of Petersville Road and Rosemont Drive.				
FREDERICK COUNTY --- 0.9 ESE BRUNSWICK [39.31, -77.61]				
	07/22/17 12:31 EST		0	Thunderstorm Wind (EG 50 kt)
	07/22/17 12:31 EST		0	Source: 911 Call Center
A tree was down along the 100 Block of Gum Spring Road.				
FREDERICK COUNTY --- 1.8 WNW CATOCTIN [39.33, -77.58]				
	07/22/17 12:35 EST		0	Thunderstorm Wind (EG 50 kt)
	07/22/17 12:35 EST		0	Source: 911 Call Center
A tree was down near the intersection of Point of Rocks Road and West Boss Arnold Road.				
FREDERICK COUNTY --- 1.0 SSE CATOCTIN [39.31, -77.54]				
	07/22/17 12:36 EST		0	Thunderstorm Wind (EG 50 kt)
	07/22/17 12:36 EST		0	Source: 911 Call Center
A tree was down blocking one lane in the 3600 Block of Point of Rocks Road.				
FREDERICK COUNTY --- 0.6 SE CATOCTIN [39.31, -77.54]				
	07/22/17 12:38 EST		0	Thunderstorm Wind (EG 50 kt)
	07/22/17 12:38 EST		0	Source: 911 Call Center
A tree was down in the roadway along the 2900 Block of Fry Road.				

Storm Data and Unusual Weather Phenomena - July 2017

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
MONTGOMERY COUNTY --- 0.4 E BEALLSVILLE [39.18, -77.41]				
	07/22/17 12:47 EST		0	Thunderstorm Wind (EG 50 kt)
	07/22/17 12:47 EST		0	Source: Broadcast Media
A tree was down near the intersection of Darnestown Road and Beallsville Road.				
FREDERICK COUNTY --- 1.7 E PARK MILLS [39.30, -77.39]				
	07/22/17 12:50 EST		0	Thunderstorm Wind (EG 50 kt)
	07/22/17 12:50 EST		0	Source: 911 Call Center
A tree was down near the intersection of Peters Road and Roderick Road.				
MONTGOMERY COUNTY --- 1.3 WNW QUINCE ORCHARD [39.13, -77.27]				
	07/22/17 12:58 EST		0	Thunderstorm Wind (EG 50 kt)
	07/22/17 12:58 EST		0	Source: Broadcast Media
A downed tree was blocking both directions of travel on Riffleford Road between MD-28 and MD-118.				
MONTGOMERY COUNTY --- 2.8 SSW GERMANTOWN [39.14, -77.29]				
	07/22/17 12:59 EST		0	Thunderstorm Wind (EG 50 kt)
	07/22/17 12:59 EST		0	Source: Emergency Manager
A tree was down blocking the southbound Germantown Road just south of Black Road.				
MONTGOMERY COUNTY --- 0.9 SW TRAVILAH [39.06, -77.28]				
	07/22/17 13:03 EST		0	Thunderstorm Wind (EG 50 kt)
	07/22/17 13:03 EST		0	Source: Broadcast Media
A tree was down blocking the right side of River Road east of Travilah Road.				
MONTGOMERY COUNTY --- 1.0 WNW GAITHERSBURG [39.14, -77.22]				
	07/22/17 13:03 EST		0	Thunderstorm Wind (MG 51 kt)
	07/22/17 13:03 EST		0	Source: Mesonet
A wind gust of 59 mph was reported.				
MONTGOMERY COUNTY --- 0.4 SW WHEATON [39.04, -77.05]				
	07/22/17 13:14 EST		0	Thunderstorm Wind (EG 50 kt)
	07/22/17 13:14 EST		0	Source: Public
A tree was down on a car along Elnora Street between Galt Avenue and Grandview Avenue.				
MONTGOMERY COUNTY --- 1.5 NW TAKOMA PARK [38.99, -77.02]				
	07/22/17 13:19 EST		0	Thunderstorm Wind (EG 50 kt)
	07/22/17 13:19 EST		0	Source: Emergency Manager
A tree was down along the 600 Block of Philadelphia Avenue.				
MONTGOMERY COUNTY --- 0.9 N TAKOMA PARK [38.98, -77.00]				
	07/22/17 13:28 EST		0	Thunderstorm Wind (EG 50 kt)
	07/22/17 13:28 EST		0	Source: Trained Spotter
A four inch limb was snapped off.				
PRINCE GEORGE'S COUNTY --- 1.2 ESE MONTPELIER [39.06, -76.85]				
	07/22/17 13:30 EST		0	Thunderstorm Wind (EG 50 kt)
	07/22/17 13:30 EST		0	Source: Trained Spotter
A tree was down blocking Golden Pass Lane.				
ANNE ARUNDEL COUNTY --- 0.5 WNW RUTLAND [38.97, -76.64]				

Storm Data and Unusual Weather Phenomena - July 2017

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/22/17 13:48 EST		0	Thunderstorm Wind (EG 50 kt)
	07/22/17 13:48 EST		0	Source: 911 Call Center
A tree was down near the intersection of Rossback Road and Rutland Road.				
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ANNE ARUNDEL COUNTY --- 0.3 S HARWOOD [38.87, -76.62]				
	07/22/17 13:50 EST		0	Thunderstorm Wind (EG 50 kt)
	07/22/17 13:50 EST		0	Source: 911 Call Center
A tree was down near the intersection of Solomons Island Road and Harwood Road.				
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ANNE ARUNDEL COUNTY --- 0.9 NW BIRDSVILLE [38.91, -76.58]				
	07/22/17 13:53 EST		0	Thunderstorm Wind (EG 50 kt)
	07/22/17 13:53 EST		0	Source: 911 Call Center
A tree was down near the intersection of Brick Church Road and Solomons Island Road.				
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ANNE ARUNDEL COUNTY --- 0.7 N ANNAPOLIS LEE FLD AR [38.96, -76.57]				
	07/22/17 13:54 EST		0	Thunderstorm Wind (EG 50 kt)
	07/22/17 13:54 EST		0	Source: 911 Call Center
A tree was down along the 2900 Block of Friends Road.				
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ANNE ARUNDEL COUNTY --- 0.3 WSW SOUTH HAVEN BEACH [38.97, -76.59]				
	07/22/17 13:55 EST		0	Thunderstorm Wind (MG 54 kt)
	07/22/17 13:55 EST		0	Source: NWS Employee
Several large tree limbs were down along with one large tree in the Southaven neighborhood of Annapolis. A wind gust of 62 mph was also measured.				
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ANNE ARUNDEL COUNTY --- 0.4 NE BRISTOL [38.78, -76.66]				
	07/22/17 13:58 EST		0	Thunderstorm Wind (EG 50 kt)
	07/22/17 13:58 EST		0	Source: 911 Call Center
Two trees were down near the intersection of Southern Maryland Boulevard and Talbot Road.				
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ANNE ARUNDEL COUNTY --- 1.0 S BAYSIDE BEACH [39.12, -76.45]				
	07/22/17 13:58 EST		0	Thunderstorm Wind (EG 50 kt)
	07/22/17 13:58 EST		0	Source: 911 Call Center
A tree was down near the intersection of Chesapeake Place and Dock Road.				
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ANNE ARUNDEL COUNTY --- 0.6 ESE FAIR HAVEN [38.75, -76.56]				
	07/22/17 14:00 EST		0	Thunderstorm Wind (EG 50 kt)
	07/22/17 14:00 EST		0	Source: 911 Call Center
A tree was down near the intersection of Fairhaven Road and Revell Road.				
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ANNE ARUNDEL COUNTY --- 0.8 WSW ANNAPOLIS [38.97, -76.51]				
	07/22/17 14:00 EST		0	Thunderstorm Wind (MG 50 kt)
	07/22/17 14:00 EST		0	Source: Mesonet
A wind gust of 58 mph was reported.				
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CHARLES COUNTY --- 1.5 ESE BEANTOWN [38.62, -76.85]				
	07/22/17 17:17 EST		0	Thunderstorm Wind (EG 50 kt)
	07/22/17 17:17 EST		0	Source: 911 Call Center
A tree was down near the intersection of Poplar Hill Road and Gardiner Road.				
<p>A weak boundary moved into the area, but hot and humid conditions led to moderate to high amounts of instability. An upper-level trough increased winds aloft which caused storms associated with the boundary to become severe.</p>				

Storm Data and Unusual Weather Phenomena - July 2017

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
HARFORD COUNTY --- 3.1 E CARDIFF [39.71, -76.27]				
	07/23/17 13:47 EST		0	Thunderstorm Wind (EG 52 kt)
	07/23/17 13:47 EST		0	Source: Public
Twenty trees were damaged or uprooted on property.				
HARFORD COUNTY --- 0.8 NNE GLENVILLE [39.61, -76.21]				
	07/23/17 14:44 EST		0	Thunderstorm Wind (EG 50 kt)
	07/23/17 14:44 EST		0	Source: 911 Call Center
A tree was down blocking the roadway at Harmony Church Road.				
A couple storms produced damaging wind gusts due to an unstable atmosphere.				
HARFORD COUNTY --- 0.1 NNW ABERDEEN [39.52, -76.17], 0.2 NW ABERDEEN [39.52, -76.17], 0.3 NNW ABERDEEN [39.52, -76.17], 0.2 N ABERDEEN [39.52, -76.17]				
	07/23/17 17:02 EST		0	Flash Flood (due to Heavy Rain)
	07/23/17 19:15 EST		0	Source: 911 Call Center
A vehicle was reported trapped in high water near the intersection of Aberdeen Throughway and Paradise Road . Aberdeen Throughway was subsequently closed in this area.				
HARFORD COUNTY --- 0.8 N ABERDEEN [39.53, -76.17], 0.8 NNE ABERDEEN [39.53, -76.17], 0.6 NNE ABERDEEN [39.53, -76.17], 0.7 N ABERDEEN [39.53, -76.17]				
	07/23/17 17:22 EST		0	Flash Flood (due to Heavy Rain)
	07/23/17 19:15 EST		0	Source: 911 Call Center
A vehicle was stranded in high water near the intersection of Windemere Drive and Pleasantwind Drive in Aberdeen.				
HARFORD COUNTY --- 0.6 ESE ABERDEEN [39.52, -76.16], 0.7 WNW SWAN CREEK [39.52, -76.14], 0.5 W SWAN CREEK [39.52, -76.14], 0.9 ESE ABERDEEN [39.51, -76.16]				
	07/23/17 17:43 EST		0	Flash Flood (due to Heavy Rain)
	07/23/17 19:15 EST		0	Source: 911 Call Center
A vehicle was reported stranded in high water at 504 North Philadelphia Boulevard in Aberdeen with a swift water rescue ongoing . The road was subsequently closed due to the flooding.				
HARFORD COUNTY --- 0.6 NNW HAVRE DE GRACE [39.56, -76.10], 0.6 NNE HAVRE DE GRACE [39.56, -76.10], 0.7 SE HAVRE DE GRACE [39.54, -76.09], 0.7 SSW HAVRE DE GRACE [39.54, -76.10]				
	07/23/17 18:45 EST		0	Flash Flood (due to Heavy Rain)
	07/23/17 21:00 EST		0	Source: 911 Call Center
Several roads were closed on the west side of downtown Havre de Grace due to torrential rainfall. These included Revolution Street between Lewis Lane and South Juniata Street; Girard Street; Juniata Street at Otsego Street; and Juniata Street at Superior Street.				
HARFORD COUNTY --- 0.7 NW HAVRE DE GRACE [39.56, -76.11], 0.8 NW HAVRE DE GRACE [39.56, -76.11], 0.8 NNW HAVRE DE GRACE [39.56, -76.11], 0.7 NNW HAVRE DE GRACE [39.56, -76.11]				
	07/23/17 18:45 EST		0	Flash Flood (due to Heavy Rain)
	07/23/17 21:00 EST		0	Source: 911 Call Center
The 800 block of Tydings Road in Havre de Grace was closed due to flooding from torrential rainfall.				
HARFORD COUNTY --- 0.2 SE ABERDEEN [39.52, -76.17], 1.0 NNW HAVRE DE GRACE [39.56, -76.10], 0.5 E HAVRE DE GRACE [39.55, -76.09], 0.7 SSE HAVRE DE GRACE [39.54, -76.09], 1.1 WSW SWAN CREEK [39.51, -76.15]				
	07/23/17 19:58 EST		0	Flood (due to Heavy Rain)
	07/24/17 00:05 EST		0	Source: State Official
Roads remained flooded and closed in the Aberdeen and Havre de Grace areas due to earlier heavy rains.				
PRINCE GEORGE'S COUNTY --- 0.5 W BERWYN [38.98, -76.94], 0.5 W BERWYN [38.98, -76.94], 0.4 WNW BERWYN [38.98, -76.94], 0.4 W BERWYN [38.98, -76.94]				

Storm Data and Unusual Weather Phenomena - July 2017

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/24/17 00:00 EST		0	Flood (due to Heavy Rain)
	07/24/17 01:30 EST		0	Source: 911 Call Center
Flooding was reported on Route 1 in College Park near Knox Road.				
Heavy rain developed along a boundary affecting mainly Harford County, Maryland during the afternoon and evening of July 23rd. Some of the flooding continued into the morning of the 24th.				
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PRINCE GEORGE'S COUNTY --- 0.8 W GLEN DALE [38.98, -76.83]				
	07/23/17 23:26 EST		0	Thunderstorm Wind (EG 50 kt)
	07/23/17 23:26 EST		0	Source: 911 Call Center
A tree was down along the intersection of Lanham Severn Road and Louise Street.				
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ANNE ARUNDEL COUNTY --- 0.2 S WARDOUR [39.00, -76.50]				
	07/23/17 23:58 EST		0	Thunderstorm Wind (EG 50 kt)
	07/23/17 23:58 EST		0	Source: Emergency Manager
A tree was down near the intersection of Giddings Avenue and Tolson Street.				
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ANNE ARUNDEL COUNTY --- 0.3 W WEST ANNAPOLIS [38.98, -76.51]				
	07/24/17 00:01 EST		0	Thunderstorm Wind (EG 50 kt)
	07/24/17 00:01 EST		0	Source: Emergency Manager
A tree was down near the intersection of Cedar Park Road and Taylor Avenue.				
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ANNE ARUNDEL COUNTY --- 0.4 SSE WEST ANNAPOLIS [38.98, -76.50]				
	07/24/17 00:02 EST		0	Thunderstorm Wind (EG 50 kt)
	07/24/17 00:02 EST		0	Source: Emergency Manager
A tree was down on Southgate Avenue.				
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ANNE ARUNDEL COUNTY --- 0.7 SSE ANNAPOLIS [38.96, -76.50]				
	07/24/17 00:02 EST		0	Thunderstorm Wind (EG 50 kt)
	07/24/17 00:02 EST		0	Source: 911 Call Center
A tree was down near the intersection of Hilltop Lane and Tyler Avenue.				
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ANNE ARUNDEL COUNTY --- 0.7 SSE ANNAPOLIS [38.96, -76.50]				
	07/24/17 00:02 EST		0	Thunderstorm Wind (EG 50 kt)
	07/24/17 00:02 EST		0	Source: Emergency Manager
A tree was down on Hilltop Lane outside Salvation Army.				
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ANNE ARUNDEL COUNTY --- 0.9 SE ANNAPOLIS [38.96, -76.49]				
	07/24/17 00:03 EST		0	Thunderstorm Wind (EG 50 kt)
	07/24/17 00:03 EST		0	Source: Emergency Manager
A tree was down near the intersection of Ridge Avenue and Tyler Avenue.				
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ANNE ARUNDEL COUNTY --- 0.5 SW NAVAL ACADEMY [38.98, -76.49]				
	07/24/17 00:04 EST		0	Thunderstorm Wind (EG 50 kt)
	07/24/17 00:04 EST		0	Source: Emergency Manager
A tree was down near the intersection of Gloucester Street and Newman Street.				
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ANNE ARUNDEL COUNTY --- 1.1 SE ANNAPOLIS [38.96, -76.49]				
	07/24/17 00:04 EST		0	Thunderstorm Wind (EG 50 kt)
	07/24/17 00:04 EST		0	Source: Emergency Manager
A tree was down at the intersection of Warren Drive and Janice Drive.				

Storm Data and Unusual Weather Phenomena - July 2017

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
ANNE ARUNDEL COUNTY --- 1.5 SE ANNAPOLIS [38.95, -76.48]				
	07/24/17 00:04 EST		0	Thunderstorm Wind (EG 50 kt)
	07/24/17 00:04 EST		0	Source: Emergency Manager
A tree was down along Blackwell Road.				
HARFORD COUNTY --- 1.2 NNE COOPSTOWN [39.59, -76.41]				
	07/24/17 18:42 EST		0	Thunderstorm Wind (EG 50 kt)
	07/24/17 18:42 EST		0	Source: Emergency Manager
A tree was down on power lines along the 2600 Block of Bailey Road.				
HARFORD COUNTY --- 0.1 SSW LAUREL BROOK [39.52, -76.43]				
	07/24/17 18:48 EST		0	Thunderstorm Wind (EG 50 kt)
	07/24/17 18:48 EST		0	Source: Emergency Manager
A tree was down between Fallston Road and Sweet Air Road.				
HARFORD COUNTY --- 0.4 W BYNUM [39.57, -76.38]				
	07/24/17 18:48 EST		0	Thunderstorm Wind (EG 50 kt)
	07/24/17 18:48 EST		0	Source: Emergency Manager
Trees and wires were down along the 1900 Block of Rock Spring Road.				
HARFORD COUNTY --- 1.0 S BYNUM [39.56, -76.37]				
	07/24/17 18:48 EST		0	Thunderstorm Wind (EG 50 kt)
	07/24/17 18:48 EST		0	Source: Emergency Manager
A tree was down near the interchange of Bel Air Bypass and Rock Spring Road.				
HARFORD COUNTY --- 0.8 S BYNUM [39.56, -76.37]				
	07/24/17 18:50 EST		0	Thunderstorm Wind (EG 50 kt)
	07/24/17 18:50 EST		0	Source: Emergency Manager
A tree was down on wires on Persimmon Place.				
HARFORD COUNTY --- 0.6 NNW FOUNTAIN GREEN [39.56, -76.30]				
	07/24/17 18:51 EST		0	Thunderstorm Wind (EG 50 kt)
	07/24/17 18:51 EST		0	Source: Emergency Manager
A tree and wires were down in the 600 Block of Prospect Mill Road.				
HARFORD COUNTY --- 0.8 ENE DARLINGTON [39.63, -76.19]				
	07/24/17 18:55 EST		0	Thunderstorm Wind (EG 50 kt)
	07/24/17 18:55 EST		0	Source: Emergency Manager
A tree was down in the roadway in the 1500 Block of Stafford Road.				
HARFORD COUNTY --- 0.9 ENE GLENWOOD [39.53, -76.32]				
	07/24/17 18:56 EST		0	Thunderstorm Wind (EG 50 kt)
	07/24/17 18:56 EST		0	Source: Emergency Manager
A tree was down in the roadway near the intersection Saint Andrews Way and East Macphail Road.				
HARFORD COUNTY --- 0.4 SSE GLENWOOD [39.51, -76.33]				
	07/24/17 18:58 EST		0	Thunderstorm Wind (EG 50 kt)
	07/24/17 18:58 EST		0	Source: Emergency Manager
A tree was down on power lines.				
HOWARD COUNTY --- 0.9 NE BRINKLEIGH MANOR [39.29, -76.82]				

Storm Data and Unusual Weather Phenomena - July 2017

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/24/17 19:40 EST		0	Thunderstorm Wind (EG 50 kt)
	07/24/17 19:40 EST		0	Source: 911 Call Center
A tree eight inches in diameter fell down in the 3000 Block of North Ridge Road.				
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HOWARD COUNTY --- 0.7 SE OAKLAND MILLS [39.21, -76.84]				
	07/24/17 20:06 EST		0	Thunderstorm Wind (EG 50 kt)
	07/24/17 20:06 EST		0	Source: State Official
A tree one foot in diameter was down near the intersection of Thunder Hill Road and White Acre Road.				
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HARFORD COUNTY --- 0.9 SE ABINGDON [39.46, -76.26]				
	07/24/17 20:38 EST		0	Lightning
	07/24/17 20:38 EST	1	0	Source: Emergency Manager
An individual riding a bike was struck by lightning near the intersection of Pulaski Highway and Long Bar Harbor Road.				
A boundary remained over Maryland near and east of Interstate 95. The boundary triggered showers and thunderstorms. Moderate to high amounts of instability along with stronger winds aloft led to some storms becoming severe.				
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MONTGOMERY COUNTY --- 0.3 N GARRETT PARK [39.05, -77.08], 0.3 N KEN GAR [39.05, -77.07], 0.2 SSW KEN GAR [39.05, -77.07], 0.2 S GARRETT PARK [39.05, -77.08]				
	07/28/17 10:07 EST		0	Flash Flood (due to Heavy Rain)
	07/28/17 11:30 EST		0	Source: Emergency Manager
Multiple vehicles trapped in high water, requiring water rescues near the intersection of Connecticut Avenue and Veirs Mill Road near Wheaton.				
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MONTGOMERY COUNTY --- 0.5 NE GARRETT PARK ESTATES [39.06, -77.09], 0.6 NW GARRETT PARK [39.06, -77.09], 0.5 WNW GARRETT PARK [39.05, -77.09], 0.5 ENE GARRETT PARK ESTATES [39.05, -77.09]				
	07/28/17 10:11 EST		0	Flash Flood (due to Heavy Rain)
	07/28/17 11:45 EST		0	Source: Emergency Manager
Swift water rescue in the vicinity of Rock Creek. Vehicle trapped in high water on Randolph Road near Dewey Road.				
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MONTGOMERY COUNTY --- 0.2 W KEN GAR [39.05, -77.07], 0.2 WNW KEN GAR [39.05, -77.07], 0.0 SSW KEN GAR [39.05, -77.07], 0.1 SW KEN GAR [39.05, -77.07]				
	07/28/17 10:41 EST		0	Flash Flood (due to Heavy Rain)
	07/28/17 13:30 EST		0	Source: Department of Highways
Viers Mill Road flooded and closed between Centerhill Street and Valleywood Drive in Wheaton due to torrential rainfall with water flowing across the road from a nearby creek.				
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MONTGOMERY COUNTY --- 0.7 S PARKWOOD [39.01, -77.08], 0.6 S BYFORDE [39.01, -77.07], 0.7 SSE BYFORDE [39.01, -77.07], 0.8 S BYFORDE [39.01, -77.07], 0.9 SSW BYFORDE [39.01, -77.07], 0.8 S PARKWOOD [39.01, -77.08]				
	07/28/17 11:09 EST		0	Flash Flood (due to Heavy Rain)
	07/28/17 13:30 EST		0	Source: Broadcast Media
Beach Drive was flooded and closed due to Rock Creek going out of its banks at Kensington Parkway.				
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MONTGOMERY COUNTY --- 1.4 NNW TAKOMA PARK [38.99, -77.01], 1.5 NNW TAKOMA PARK [38.99, -77.01], 1.5 NNW TAKOMA PARK [38.99, -77.01], 1.4 NNW TAKOMA PARK [38.99, -77.01]				
	07/28/17 12:01 EST		0	Flash Flood (due to Heavy Rain)
	07/28/17 12:28 EST		0	Source: River/Stream Gage
The stream gauge on Sligo Creek at Takoma Park exceeded the flood stage of 5.5 feet. It peaked at 5.83 feet at 12:15 EST. Sligo Creek Parkway began to flood near the gauge location, just north of Maple Avenue.				
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MONTGOMERY COUNTY --- 0.6 SE CLOPPER [39.14, -77.22], 0.8 SE CLOPPER [39.14, -77.22], 0.9 SE CLOPPER [39.14, -77.22], 0.7 SSE CLOPPER [39.14, -77.22]				
	07/28/17 12:11 EST		0	Flash Flood (due to Heavy Rain)
	07/28/17 13:30 EST		0	Source: Broadcast Media
Quince Orchard Road was flooded by torrential rain running off into Long Draught Branch and therefore had to be closed.				

Storm Data and Unusual Weather Phenomena - July 2017

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
PRINCE GEORGE'S COUNTY --- 0.8 W ADELPHI [39.00, -76.98], 0.7 WNW ADELPHI [39.00, -76.98], 0.7 W ADELPHI [39.00, -76.98], 0.7 W ADELPHI [39.00, -76.98]				
	07/28/17 12:24 EST		0	Flash Flood (due to Heavy Rain)
	07/28/17 13:45 EST		0	Source: Emergency Manager
Piney Branch Road was flooded and closed due to flash flooding of a portion of the Northwest Branch near New Hampshire Avenue.				
MONTGOMERY COUNTY --- 1.9 SE REDLAND [39.13, -77.12], 1.9 SE REDLAND [39.13, -77.12], 1.4 SE REDLAND [39.14, -77.13], 1.4 SE REDLAND [39.14, -77.13]				
	07/28/17 13:13 EST		0	Flood (due to Heavy Rain)
	07/28/17 15:30 EST		0	Source: Emergency Manager
Muncaster Mill Road was flooded and closed due to stream overflow near Bowie Mill Road.				
MONTGOMERY COUNTY --- 0.2 NNE CEDAR GROVE [39.25, -77.23], 0.2 NNW CEDAR GROVE [39.25, -77.23], 0.3 N CEDAR GROVE [39.25, -77.23], 0.3 NNE CEDAR GROVE [39.25, -77.23]				
	07/28/17 13:16 EST		0	Flood (due to Heavy Rain)
	07/28/17 15:00 EST		0	Source: Emergency Manager
Kings Valley Road closed at Ridge Road due to high water.				
MONTGOMERY COUNTY --- 0.3 NE BROOKEVILLE [39.18, -77.07], 0.6 NE BROOKEVILLE [39.19, -77.06], 0.5 ENE BROOKEVILLE [39.18, -77.06], 0.5 E BROOKEVILLE [39.18, -77.06], 0.2 ENE BROOKEVILLE [39.18, -77.07]				
	07/28/17 13:16 EST		0	Flood (due to Heavy Rain)
	07/28/17 17:00 EST		0	Source: Emergency Manager
Brookeville Road flooded and closed at Georgia Avenue due to flooding of Reddy Branch.				
MONTGOMERY COUNTY --- 0.9 SW GEORGETOWN JCT [38.99, -77.06], 0.8 SW GEORGETOWN JCT [38.99, -77.06], 0.9 WSW GEORGETOWN JCT [38.99, -77.06], 1.0 NW ROCK CREEK FOREST [38.99, -77.06], 0.7 WNW ROCK CREEK FOREST [38.98, -77.06], 0.5 NNW ROCK CREEK FOREST [38.99, -77.05], 0.5 NNW ROCK CREEK FOREST [38.99, -77.05]				
	07/28/17 17:03 EST		0	Flood (due to Heavy Rain)
	07/28/17 19:00 EST		0	Source: Emergency Manager
Car stranded in one to two feet of flowing water on Beach Drive.				
PRINCE GEORGE'S COUNTY --- 1.4 N BRANCHVILLE [39.02, -76.93], 1.2 N BRANCHVILLE [39.02, -76.93], 1.4 NNW BRANCHVILLE [39.02, -76.94], 1.5 N BRANCHVILLE [39.02, -76.93]				
	07/28/17 22:03 EST		0	Flood (due to Heavy Rain)
	07/29/17 00:00 EST		0	Source: Department of Highways
Two left lanes on Capital Beltway Outer Loop blocked by standing water just west of Route 1.				
MONTGOMERY COUNTY --- 1.4 NNW TAKOMA PARK [38.99, -77.01], 1.3 NNW TAKOMA PARK [38.99, -77.01], 1.5 NNW TAKOMA PARK [38.99, -77.01], 1.5 NNW TAKOMA PARK [38.99, -77.01]				
	07/28/17 23:06 EST		0	Flash Flood (due to Heavy Rain)
	07/29/17 00:00 EST		0	Source: River/Stream Gage
The stream gauge on Sligo Creek at Takoma Park exceeded the flood stage of 5.5 feet. It peaked at 6.12 feet at 23:45 EST. Sligo Creek Parkway began to flood near the gauge location, just north of Maple Avenue.				
MONTGOMERY COUNTY --- 1.0 WNW BROOKEVILLE [39.19, -77.09], 0.4 NNW MT ZION [39.19, -77.10], 0.3 NNW MT ZION [39.18, -77.10], 0.7 W BROOKEVILLE [39.18, -77.08], 0.5 E BROOKEVILLE [39.18, -77.06], 0.5 ENE BROOKEVILLE [39.18, -77.06]				
	07/28/17 23:20 EST		0	Flash Flood (due to Heavy Rain)
	07/29/17 01:45 EST		0	Source: Emergency Manager
Brookeville Road was flooded and closed between Zion Road and Georgia Avenue due to flooding of Reddy Branch due to torrential rainfall.				
BALTIMORE COUNTY --- 0.8 NNE RELAY [39.24, -76.69], 0.7 SSE HALETHORPE [39.24, -76.69], 0.8 SE HALETHORPE [39.24, -76.69], 0.8 NNE RELAY [39.24, -76.69]				

Storm Data and Unusual Weather Phenomena - July 2017

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/28/17 23:37 EST		0	Flash Flood (due to Heavy Rain)
	07/29/17 00:03 EST		0	Source: River/Stream Gage

The stream gauge on East Branch Herbert Run at Arbutus exceeded the flood stage of 7 feet. It peaked at 7.68 feet at 23:50 EST. Water covered yards near Tom Day Boulevard.

MONTGOMERY COUNTY --- 0.7 NNW CLOPPER [39.16, -77.24], 0.8 NNW CLOPPER [39.16, -77.24], 0.9 N CLOPPER [39.16, -77.23], 0.8 N CLOPPER [39.16, -77.23], 0.7 N CLOPPER [39.16, -77.23]

	07/28/17 23:40 EST		0	Flash Flood (due to Heavy Rain)
	07/29/17 01:40 EST		0	Source: Emergency Manager

Game Preserve Road was flooded and closed due to torrential rain.

BALTIMORE COUNTY --- 2.3 ENE BALTIMORE HIGHLANDS [39.24, -76.61], 1.9 ENE BALTIMORE HIGHLANDS [39.24, -76.62], 1.8 ENE BALTIMORE HIGHLANDS [39.24, -76.62], 2.2 ENE BALTIMORE HIGHLANDS [39.24, -76.61]

	07/28/17 23:44 EST		0	Flash Flood (due to Heavy Rain)
	07/29/17 01:30 EST		0	Source: Trained Spotter

Multiple vehicles reported trapped in high water along West Patapsco Street near Brooklyn Park in the area of Potee Street.

ANNE ARUNDEL COUNTY --- 0.4 SE NORTH LINTHICUM [39.22, -76.64], 0.4 SE NORTH LINTHICUM [39.22, -76.64], 0.5 SE NORTH LINTHICUM [39.22, -76.64], 0.6 SE NORTH LINTHICUM [39.21, -76.64]

	07/28/17 23:54 EST		0	Flash Flood (due to Heavy Rain)
	07/29/17 01:30 EST		0	Source: Broadcast Media

Swift water rescue reported at the intersection of Routes 170 and 648 near Pumphrey.

PRINCE GEORGE'S COUNTY --- 0.7 W ADELPHI [39.00, -76.98], 0.8 W ADELPHI [39.00, -76.98], 0.7 WNW ADELPHI [39.00, -76.98], 0.7 W ADELPHI [39.00, -76.98]

	07/29/17 00:30 EST		0	Flood (due to Heavy Rain)
	07/29/17 03:00 EST		0	Source: Broadcast Media

Piney Branch Road flooded and closed near New Hampshire Avenue.

MONTGOMERY COUNTY --- 0.8 WNW BRINKLOW [39.18, -77.03], 1.2 WNW BRINKLOW [39.18, -77.04], 1.3 ENE BROOKEVILLE [39.18, -77.05], 1.3 SW BRIGHTON [39.19, -77.05], 1.2 SSW BRIGHTON [39.18, -77.04]

	07/29/17 00:34 EST		0	Flash Flood (due to Heavy Rain)
	07/29/17 02:00 EST		0	Source: River/Stream Gage

The stream gauge on Hawlings River at Sandy Spring exceeded the flood stage of 6.5 feet. It peaked at 7.35 feet at 02:00 EST. Brighton Dam Road flooded at the Hawlings River.

HOWARD COUNTY --- 0.8 NNE HANOVER [39.19, -76.72], 0.8 NE HANOVER [39.19, -76.72], 1.1 ESE ELKRIDGE [39.21, -76.70], 1.0 ESE ELKRIDGE [39.21, -76.70]

	07/29/17 00:38 EST		0	Flash Flood (due to Heavy Rain)
	07/29/17 01:45 EST		0	Source: Fire Department/Rescue

Water flowing across Race Road between Hanover Road and Furnace Avenue due to torrential rains.

HOWARD COUNTY --- 0.5 E SAVAGE [39.13, -76.82], 1.0 SE SAVAGE [39.12, -76.82], 1.7 ESE SAVAGE [39.12, -76.80], 3.9 SE SAVAGE [39.09, -76.78], 4.3 SE SAVAGE [39.09, -76.77], 4.1 S JESSUP [39.09, -76.77], 3.1 S JESSUP [39.10, -76.78], 1.6 ESE SAVAGE [39.12, -76.80]

	07/29/17 00:59 EST		0	Flood (due to Heavy Rain)
	07/29/17 06:24 EST		0	Source: River/Stream Gage

The stream gauge on Little Patuxent River at Savage exceeded the flood stage of 10 feet. It peaked at 13.56 feet at 03:15 EST. Riverside trails began to flood. Water also approached fields off Bald Eagle Drive and approached Brock Bridge Road.

ANNE ARUNDEL COUNTY --- 2.0 WSW RAYNOR HGTS [39.21, -76.70], 1.8 WSW RAYNOR HGTS [39.21, -76.70], 1.6 WSW RAYNOR HGTS [39.21, -76.70], 1.9 WNW FERNDAL [39.21, -76.70]

	07/29/17 01:00 EST		0	Flash Flood (due to Heavy Rain)
	07/29/17 01:45 EST		0	Source: Fire Department/Rescue

Furnace Avenue closed at Ridge Road due to flash flooding of Deep Run.

Storm Data and Unusual Weather Phenomena - July 2017

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
BALTIMORE COUNTY --- 0.5 WNW BALTIMORE MARTIN ST [39.33, -76.43], 0.4 NW BALTIMORE MARTIN ST [39.33, -76.42], 0.2 WSW BALTIMORE MARTIN ST [39.33, -76.42], 0.4 WSW BALTIMORE MARTIN ST [39.33, -76.43]				
	07/29/17 01:00 EST		0	Flash Flood (due to Heavy Rain)
	07/29/17 01:45 EST		0	Source: 911 Call Center
Wilson Point Road flooded and closed near Eastern Boulevard due to torrential rainfall.				
BALTIMORE COUNTY --- 1.0 WSW CHASE [39.34, -76.40], 1.0 SW CHASE [39.34, -76.39], 0.4 SW CHASE [39.35, -76.39], 0.4 W CHASE [39.35, -76.39]				
	07/29/17 01:00 EST		0	Flash Flood (due to Heavy Rain)
	07/29/17 01:45 EST		0	Source: 911 Call Center
Eastern Avenue flooded and closed due to torrential rain near Bowleys Quarters.				
HOWARD COUNTY --- 0.9 SSW OAKLAND MILLS [39.21, -76.86], 1.0 SSW OAKLAND MILLS [39.21, -76.86], 0.9 SSW OAKLAND MILLS [39.21, -76.86], 0.8 SSW OAKLAND MILLS [39.21, -76.86]				
	07/29/17 01:00 EST		0	Flash Flood (due to Heavy Rain)
	07/29/17 02:00 EST		0	Source: River/Stream Gage
The stream gauge on Little Patuxent River at Guilford exceeded the flood stage of 11 feet. It peaked at 12.05 feet at 02:00 EST. Water began to overflow and cover South Entrance Road near the Columbia Mall.				
BALTIMORE CITY (C) COUNTY --- 0.5 SSE CLIFFORD [39.24, -76.63], 0.5 SSE CLIFFORD [39.24, -76.63], 0.6 SE CLIFFORD [39.24, -76.62], 0.6 SSE CLIFFORD [39.24, -76.62]				
	07/29/17 01:28 EST		0	Flash Flood (due to Heavy Rain)
	07/29/17 01:45 EST		0	Source: 911 Call Center
The 3400 Block of Spelman Road flooded and closed due to torrential rainfall.				
PRINCE GEORGE'S COUNTY --- 0.3 E UPPER MARLBORO [38.82, -76.75], 0.2 E UPPER MARLBORO [38.82, -76.75], 0.3 SSE UPPER MARLBORO [38.82, -76.75], 0.5 SE UPPER MARLBORO [38.81, -76.74]				
	07/29/17 01:40 EST		0	Flood (due to Heavy Rain)
	07/29/17 01:55 EST		0	Source: River/Stream Gage
The stream gauge on Western Branch at Upper Marlboro exceeded the flood stage of 11 feet. It peaked at 13.39 feet at 10:45 EST. Much of Race Track Road flooded between Marlboro Pike and the community center.				
ANNE ARUNDEL COUNTY --- 1.8 WSW RAYNOR HGTS [39.21, -76.70], 1.6 WSW RAYNOR HGTS [39.21, -76.70], 1.6 WSW RAYNOR HGTS [39.21, -76.70], 1.9 WSW RAYNOR HGTS [39.21, -76.70], 2.0 WNW FERNDALE [39.21, -76.70]				
	07/29/17 01:45 EST		0	Flood (due to Heavy Rain)
	07/29/17 05:00 EST		0	Source: Fire Department/Rescue
Furnace Avenue remained closed at Ridge Road due to flooding of Deep Run.				
MONTGOMERY COUNTY --- 1.4 ESE WHEATON HILLS [39.06, -77.03], 1.4 WSW HOLLYWOOD PARK [39.06, -77.02], 1.4 WSW HOLLYWOOD PARK [39.06, -77.02], 1.5 ENE WHEATON [39.06, -77.03], 1.4 ESE WHEATON HILLS [39.06, -77.03]				
	07/29/17 02:07 EST		0	Flood (due to Heavy Rain)
	07/29/17 05:23 EST		0	Source: River/Stream Gage
The stream gauge on Northwest Branch Anacostia River at Colesville exceeded the flood stage of 9 feet. It peaked at 9.89 feet at 4:15 EST. Backyards of homes on Kemps Mill Road just south of Randolph Road are flooded.				
HOWARD COUNTY --- 0.7 ESE ELKRIDGE [39.22, -76.71], 0.7 ESE ELKRIDGE [39.22, -76.71], 0.7 ESE ELKRIDGE [39.22, -76.71], 0.7 ESE ELKRIDGE [39.22, -76.71]				
	07/29/17 05:57 EST		0	Flood (due to Heavy Rain)
	07/29/17 07:30 EST		0	Source: Broadcast Media
Water rescue on Furnace Avenue near Main Street.				
ANNE ARUNDEL COUNTY --- 0.7 SW CROFTON [38.99, -76.66], 1.2 ESE CROFTON [38.99, -76.63], 1.3 ESE CROFTON [38.99, -76.63], 0.8 S CROFTON [38.99, -76.65], 0.8 SW CROFTON [38.99, -76.66]				

Storm Data and Unusual Weather Phenomena - July 2017

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/29/17 06:44 EST		0	Flood (due to Heavy Rain)
	07/29/17 08:00 EST		0	Source: Department of Highways

Defense Highway flooded and closed near Huntwood Drive.

PRINCE GEORGE'S COUNTY --- 1.1 SE WELLS CORNER [38.81, -76.71], 1.4 ESE WELLS CORNER [38.81, -76.71], 1.4 ESE WELLS CORNER [38.81, -76.71], 1.1 ESE WELLS CORNER [38.81, -76.71]

07/29/17 07:44 EST	0	Flood (due to Heavy Rain)
07/29/17 10:00 EST	0	Source: Broadcast Media

Route 4 flooded and closed near Upper Marlboro.

A strong upper level low interacted with a frontal boundary near the Mid-Atlantic region and low pressure formed along the boundary. High moisture content and thunderstorms led to widespread flooding across the Mid-Atlantic region.

VIRGINIA, North

LOUDOUN COUNTY --- 1.8 SSE WATSON [38.98, -77.56]

07/01/17 13:45 EST	0	Thunderstorm Wind (EG 50 kt)
07/01/17 13:45 EST	0	Source: 911 Call Center

A tree was down on Fleetwood Road.

FAIRFAX COUNTY --- 0.7 NNW HERNDON [38.98, -77.38]

07/01/17 13:57 EST	0	Thunderstorm Wind (EG 50 kt)
07/01/17 13:57 EST	0	Source: Law Enforcement

A tree was down near Monroe Street and 3rd Street.

FAIRFAX COUNTY --- 0.7 N SUNSET HILLS [38.96, -77.35]

07/01/17 14:02 EST	0	Thunderstorm Wind (EG 50 kt)
07/01/17 14:02 EST	0	Source: 911 Call Center

Part of a tree was down blocking a lane on North Shore Drive near Temporary Road.

FAIRFAX COUNTY --- 1.8 NNE FRANKLIN PARK [38.94, -77.14]

07/01/17 14:23 EST	0	Thunderstorm Wind (EG 50 kt)
07/01/17 14:23 EST	0	Source: Broadcast Media

A downed tree was blocking the right south bound lane on the GW Parkway near Route 123.

FAIRFAX COUNTY --- 0.5 WNW CLIFTON [38.78, -77.39]

07/01/17 14:26 EST	0	Thunderstorm Wind (EG 50 kt)
07/01/17 14:26 EST	0	Source: 911 Call Center

A tree eighteen inches in diameter was down near the intersection of Wesley Tyler Road and Clifton Creek Drive.

A cold front moved into the area triggering showers and thunderstorms. Hot and humid air ahead of the boundary caused an unstable air mass, which led to some thunderstorms becoming severe.

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

07/05/17 09:58 EST	0	Flash Flood (due to Heavy Rain)
07/05/17 12:29 EST	0	Source: 911 Call Center

The bridge on Route 637 over South River was underwater.

GREENE COUNTY --- 0.8 E GEER [38.30, -78.49], 0.8 E GEER [38.30, -78.49], 0.4 ESE GEER [38.30, -78.49], 0.4 E GEER [38.30, -78.49], 0.6 E GEER [38.30, -78.49]

07/05/17 10:40 EST	0	Flash Flood (due to Heavy Rain)
07/05/17 12:29 EST	0	Source: 911 Call Center

Storm Data and Unusual Weather Phenomena - July 2017

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Mutton Hollow Road was closed due to high water near Dyke Road.				
GREENE COUNTY --- 1.6 SSE RUCKERSVILLE [38.21, -78.36], 2.3 S RUCKERSVILLE [38.20, -78.37], 2.3 S RUCKERSVILLE [38.20, -78.37], 2.1 S RUCKERSVILLE [38.20, -78.36], 1.6 SSE RUCKERSVILLE [38.21, -78.36]				
	07/05/17 11:37 EST		0	Flash Flood (due to Heavy Rain)
	07/05/17 12:30 EST		0	Source: 911 Call Center
Preddy Creek was out of its banks leading to water flowing across Preddy Creek Road near Walnut Way . Carpenters Mill Road was also closed due to high water near Matthew Mill Road.				
ALBEMARLE COUNTY --- 1.6 N ADVANCE MILLS [38.20, -78.45], 1.5 N ADVANCE MILLS [38.20, -78.45], 1.4 N ADVANCE MILLS [38.20, -78.45], 1.5 N ADVANCE MILLS [38.20, -78.45]				
	07/05/17 12:00 EST		0	Flash Flood (due to Heavy Rain)
	07/05/17 13:00 EST		0	Source: Department of Highways
Durrett Ridge Road flooded and closed due to Swift Run being out of its banks.				
GREENE COUNTY --- 1.8 W QUINQUE [38.25, -78.43], 1.7 W QUINQUE [38.25, -78.43], 1.8 W QUINQUE [38.25, -78.43], 1.8 W QUINQUE [38.25, -78.43]				
	07/05/17 12:00 EST		0	Flash Flood (due to Heavy Rain)
	07/05/17 12:30 EST		0	Source: 911 Call Center
Goldenrod Road was closed due to high water near East Daffodil Road.				
GREENE COUNTY --- 3.0 E STANDARDSVILLE [38.29, -78.37], 3.3 E STANDARDSVILLE [38.29, -78.37], 3.1 NNE QUINQUE [38.29, -78.37], 3.0 ESE STANDARDSVILLE [38.29, -78.38]				
	07/05/17 12:50 EST		0	Flood (due to Heavy Rain)
	07/05/17 15:00 EST		0	Source: Department of Highways
Dundee Road closed due to flooding of South River over the roadway.				
GREENE COUNTY --- 3.4 SW QUINQUE [38.22, -78.45], 3.2 SW QUINQUE [38.22, -78.45], 3.1 SW QUINQUE [38.22, -78.44], 3.3 SW QUINQUE [38.22, -78.45]				
	07/05/17 12:50 EST		0	Flood (due to Heavy Rain)
	07/05/17 15:00 EST		0	Source: Department of Highways
Welsh Run Road was flooded and closed due to overbank flooding of Welsh Run.				
A cold front stalled out across the Mid-Atlantic region and showers developed across the region. High moisture content and slow storm motion led to high rainfall rates and flooding especially across the Central Foothills of Virginia.				
FAUQUIER COUNTY --- 1.1 SW BETHEL [38.76, -77.83], 1.1 SW BETHEL [38.76, -77.83], 1.2 SW BETHEL [38.76, -77.83], 1.2 SW BETHEL [38.76, -77.83]				
	07/06/17 05:00 EST		0	Flood (due to Heavy Rain)
	07/06/17 08:00 EST		0	Source: 911 Call Center
Flooding reported near the intersection of Keith Road and Cannonball Gate Road.				
PRINCE WILLIAM COUNTY --- 1.4 SW TRIANGLE [38.53, -77.35], 1.4 SW TRIANGLE [38.54, -77.35], 1.2 SW TRIANGLE [38.54, -77.35], 1.3 SW TRIANGLE [38.54, -77.34]				
	07/06/17 05:00 EST		0	Flood (due to Heavy Rain)
	07/06/17 09:00 EST		0	Source: 911 Call Center
Route 1 flooded and closed near Locust Shade Park adjacent to Quantico.				
STAFFORD COUNTY --- 0.9 WSW MT JOY STORE [38.47, -77.40], 0.8 WSW MT JOY STORE [38.47, -77.39], 0.8 WSW MT JOY STORE [38.48, -77.39], 0.8 WSW MT JOY STORE [38.48, -77.39]				
	07/06/17 05:00 EST		0	Flood (due to Heavy Rain)
	07/06/17 08:00 EST		0	Source: 911 Call Center
Route 1 flooded and closed near Aquia Creek and Telegraph Road.				
STAFFORD COUNTY --- 1.1 SSW MOUNTAIN VIEW [38.46, -77.48], 1.1 SSW MOUNTAIN VIEW [38.46, -77.48], 1.0 SSW MOUNTAIN VIEW [38.46, -77.48], 1.1 SSW MOUNTAIN VIEW [38.46, -77.48]				

Storm Data and Unusual Weather Phenomena - July 2017

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/06/17 05:00 EST		0	Flood (due to Heavy Rain)
	07/06/17 08:00 EST		0	Source: 911 Call Center
Shelton Shop Road closed at the Accokeek Creek bridge near Courthouse Road due to flooding.				
STAFFORD COUNTY --- 1.6 NW ROSEVILLE [38.48, -77.54], 1.5 SW RUBY [38.49, -77.54], 1.3 NW ROSEVILLE [38.48, -77.54], 1.4 NW ROSEVILLE [38.48, -77.54]				
	07/06/17 05:00 EST		0	Flood (due to Heavy Rain)
	07/06/17 08:00 EST		0	Source: 911 Call Center
Dunbar Drive closed near Rock Hill Church Road due to stream flooding.				
STAFFORD COUNTY --- 1.7 W BROOKE [38.38, -77.45], 1.5 W BROOKE [38.38, -77.45], 1.7 WSW BROOKE [38.38, -77.45], 1.8 W BROOKE [38.38, -77.45]				
	07/06/17 05:00 EST		0	Flood (due to Heavy Rain)
	07/06/17 08:00 EST		0	Source: 911 Call Center
The 3500 block of Route 1 closed near Potomac Creek due to flooding.				
STAFFORD COUNTY --- 2.4 W RUBY [38.50, -77.56], 2.3 W RUBY [38.50, -77.56], 2.2 W RUBY [38.50, -77.56], 2.3 W RUBY [38.50, -77.56]				
	07/06/17 05:00 EST		0	Flood (due to Heavy Rain)
	07/06/17 08:00 EST		0	Source: 911 Call Center
Flooding reported at the intersection of Barrington Woods Boulevard and Tacketts Mill Road near Heflin.				
STAFFORD COUNTY --- 3.3 WSW RUBY [38.49, -77.58], 3.2 WSW RUBY [38.49, -77.58], 3.2 WSW RUBY [38.49, -77.58], 3.3 WSW RUBY [38.49, -77.58]				
	07/06/17 05:00 EST		0	Flood (due to Heavy Rain)
	07/06/17 08:00 EST		0	Source: 911 Call Center
Flooding reported at the intersection of Poplar Drive and Heflin Road.				
FAUQUIER COUNTY --- 0.9 NNE WARRENTON [38.73, -77.78], 1.5 NNE WARRENTON [38.74, -77.77], 1.5 NE WARRENTON [38.74, -77.76], 0.9 NNE WARRENTON [38.73, -77.77]				
	07/06/17 05:30 EST		0	Flood (due to Heavy Rain)
	07/06/17 06:45 EST		0	Source: 911 Call Center
Lee Highway flooded and closed between Comfort Inn Drive and Dumfries Road in Warrenton due to flooding.				
FAUQUIER COUNTY --- 2.0 SW NEW BALTIMORE [38.75, -77.75], 1.9 SW NEW BALTIMORE [38.75, -77.75], 1.9 SW NEW BALTIMORE [38.75, -77.75], 2.0 SW NEW BALTIMORE [38.75, -77.75]				
	07/06/17 05:30 EST		0	Flood (due to Heavy Rain)
	07/06/17 08:00 EST		0	Source: 911 Call Center
Baldwin Street was closed just east of Lee Highway due to flooding of Mill Run.				
STAFFORD COUNTY --- 2.0 SSW MOUNTAIN VIEW [38.45, -77.49], 2.0 SSW MOUNTAIN VIEW [38.45, -77.49], 2.0 SSW MOUNTAIN VIEW [38.44, -77.49], 2.0 SSW MOUNTAIN VIEW [38.45, -77.49]				
	07/06/17 06:15 EST		0	Flood (due to Heavy Rain)
	07/06/17 09:00 EST		0	Source: 911 Call Center
Flooding reported at the intersection of Stefaniga Road and Mountain View Road.				
PRINCE WILLIAM COUNTY --- 0.9 NW GAINESVILLE [38.81, -77.61], 1.0 NW GAINESVILLE [38.81, -77.61], 1.0 NW GAINESVILLE [38.81, -77.61], 0.9 NW GAINESVILLE [38.81, -77.61]				
	07/06/17 06:25 EST		0	Flood (due to Heavy Rain)
	07/06/17 09:00 EST		0	Source: 911 Call Center
Flooding reported at the intersection of Catharpin Road and Heathcote Boulevard.				
PRINCE WILLIAM COUNTY --- 1.5 SE GAINESVILLE [38.78, -77.58], 1.4 SE GAINESVILLE [38.79, -77.58], 1.4 WNW WELLINGTON [38.78, -77.58], 1.5 W WELLINGTON [38.78, -77.58]				
	07/06/17 09:45 EST		0	Flood (due to Heavy Rain)
	07/06/17 10:45 EST		0	Source: Department of Highways

Storm Data and Unusual Weather Phenomena - July 2017

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Wellington Road flooded and closed at a stream crossing near Rollins Ford Road.				
PRINCE WILLIAM COUNTY --- 1.9 SSW CATHARPIN [38.82, -77.58], 1.6 SSW CATHARPIN [38.83, -77.58], 1.6 S CATHARPIN [38.83, -77.57], 1.9 S CATHARPIN [38.82, -77.57]				
	07/06/17 09:48 EST	0		Flood (due to Heavy Rain)
	07/06/17 11:30 EST	0		Source: Department of Highways
Both Pageland Road and Artemus Road were flooded and closed where Little Bull Run crosses due to the stream being out of its banks.				
FAIRFAX COUNTY --- 0.9 W TREMONT [38.85, -77.24], 0.9 WSW TREMONT [38.85, -77.24], 1.0 WSW TREMONT [38.85, -77.24], 1.1 WSW TREMONT [38.85, -77.24]				
	07/06/17 10:00 EST	0		Flood (due to Heavy Rain)
	07/06/17 14:00 EST	0		Source: Other Federal Agency
Woodburn Road was flooded and closed at Accotink Creek.				
FAIRFAX COUNTY --- 0.8 SSE BURKE [38.79, -77.27], 0.8 SSE BURKE [38.79, -77.27], 0.9 SSE BURKE [38.79, -77.26], 0.9 SSE BURKE [38.79, -77.27]				
	07/06/17 11:34 EST	0		Flood (due to Heavy Rain)
	07/06/17 15:00 EST	0		Source: County Official
Burke Road flooded and closed near Mill Cove Court.				
PRINCE WILLIAM COUNTY --- 0.4 NNW MANASSAS ARPT [38.73, -77.52], 0.1 N BRISTOW [38.72, -77.53], 1.4 NNW BRISTOW [38.74, -77.54], 2.0 NNW BRISTOW [38.75, -77.55], 2.1 SSW WELLINGTON [38.75, -77.56], 1.9 S WELLINGTON [38.75, -77.55], 2.0 NNW BRISTOW [38.75, -77.54]				
	07/06/17 12:18 EST	0		Flood (due to Heavy Rain)
	07/06/17 22:00 EST	0		Source: River/Stream Gage
The stream gauge on Broad Run at Bristow exceeded flood stage. It peaked at 12.06 feet at 18:00 EST. Piper Lane was flooded near Manassas Airport. Trails near the stream were also flooded.				
A stationary boundary persisted across the Mid-Atlantic region. High moisture content led to high rainfall rates and due to multiple rounds of heavy rain flooding occurred across the region.				
MADISON COUNTY --- 1.7 WNW PRATTS [38.36, -78.30]				
	07/06/17 16:50 EST	0		Thunderstorm Wind (EG 50 kt)
	07/06/17 16:50 EST	0		Source: 911 Call Center
A tree two feet in diameter was down blocking Thrift Road.				
ORANGE COUNTY --- 0.6 N VERDTERSVILLE [38.28, -77.88]				
	07/06/17 17:42 EST	0		Thunderstorm Wind (EG 52 kt)
	07/06/17 17:42 EST	0		Source: Trained Spotter
Five to ten trees were down along Route 20 at Sunflower Lane.				
ORANGE COUNTY --- 0.7 SE VERDTERSVILLE [38.26, -77.87]				
	07/06/17 17:44 EST	0		Thunderstorm Wind (EG 50 kt)
	07/06/17 17:44 EST	0		Source: 911 Call Center
A tree was down at St. Just Road and Mine Run Road.				
ORANGE COUNTY --- 1.3 NNE VERDTERSVILLE [38.29, -77.87]				
	07/06/17 17:44 EST	0		Thunderstorm Wind (EG 50 kt)
	07/06/17 17:44 EST	0		Source: State Official
A tree was down on Route 20 between Grasty Gold Mine Road and Burr Run Road.				
SPOTSYLVANIA COUNTY --- 0.4 SE POST OAK [38.17, -77.66]				
	07/06/17 18:15 EST	0		Thunderstorm Wind (EG 52 kt)
	07/06/17 18:15 EST	0		Source: 911 Call Center
Multiple downed trees were reported in the Post Oak area.				

Storm Data and Unusual Weather Phenomena - July 2017

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
SPOTSYLVANIA COUNTY --- 1.2 ENE ALSOP [38.20, -77.63]				
	07/06/17 18:15 EST		0	Thunderstorm Wind (EG 50 kt)
	07/06/17 18:15 EST		0	Source: 911 Call Center
A tree was down on Robert E Lee Drive.				
A backdoor boundary triggered storms over the region. There was enough instability on the warm side of the boundary to trigger some severe thunderstorms.				
FAIRFAX COUNTY --- 1.0 ENE HERNDON HGTS [38.98, -77.38]				
	07/07/17 18:37 EST		0	Thunderstorm Wind (EG 50 kt)
	07/07/17 18:37 EST		0	Source: NWS Employee
Two trees were down near Barker Hill Road.				
FAIRFAX COUNTY --- 0.7 NNW VALE [38.89, -77.35]				
	07/07/17 18:43 EST		0	Thunderstorm Wind (EG 50 kt)
	07/07/17 18:43 EST		0	Source: 911 Call Center
A tree was down on power lines near the intersection of Vale Road and Cobb Hill Lane.				
FAIRFAX COUNTY --- 1.6 WSW CLARKS CROSSING [38.91, -77.33]				
	07/07/17 18:43 EST		0	Thunderstorm Wind (EG 50 kt)
	07/07/17 18:43 EST		0	Source: 911 Call Center
A tree was down along Justin Knoll Road near Stuart Mill Road.				
FAIRFAX COUNTY --- 0.3 SSW VIENNA [38.90, -77.27]				
	07/07/17 18:47 EST		0	Thunderstorm Wind (EG 50 kt)
	07/07/17 18:47 EST		0	Source: Trained Spotter
A large tree limb eight inches in diameter was snapped and it fell into a roadway near the intersection of Wade Hampton Drive Southwest and Glen Avenue Southwest.				
ALEXANDRIA (C) COUNTY --- 2.8 W POTOMAC YARD [38.83, -77.13]				
	07/07/17 19:02 EST		0	Thunderstorm Wind (EG 50 kt)
	07/07/17 19:02 EST		0	Source: Public
Some branches and small trees were down along Dora Kelly Trail.				
A cold front passed through the area. There was enough instability for some storms associated with the front to become severe.				
WINCHESTER (C) COUNTY --- 3.1 N WINCHESTER [39.17, -78.17]				
	07/11/17 15:50 EST		0	Thunderstorm Wind (EG 52 kt)
	07/11/17 15:50 EST		0	Source: Law Enforcement
Trees were down along Woodstock Lane, Gray Avenue and Liberty Avenue.				
CLARKE COUNTY --- 3.6 NNW BOYCE [39.15, -78.07]				
	07/11/17 16:10 EST		0	Thunderstorm Wind (EG 50 kt)
	07/11/17 16:10 EST		0	Source: 911 Call Center
A tree was down along Senseny Road near the intersection of Salem Church Road.				
FREDERICK COUNTY --- 1.8 ENE BURNING KNOLLS [39.18, -78.10]				
	07/11/17 16:14 EST		0	Thunderstorm Wind (EG 50 kt)
	07/11/17 16:14 EST		0	Source: 911 Call Center
Multiple trees were down at Valley Mille Road and Mill Race Road.				
CLARKE COUNTY --- 0.6 W BERRYVILLE [39.15, -77.98]				

Storm Data and Unusual Weather Phenomena - July 2017

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/11/17 16:32 EST		0	Thunderstorm Wind (EG 50 kt)
	07/11/17 16:32 EST		0	Source: 911 Call Center
Two trees were down on Parshall Road.				
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CLARKE COUNTY --- 4.1 SE BERRYVILLE [39.11, -77.92]				
	07/11/17 16:37 EST		0	Thunderstorm Wind (EG 50 kt)
	07/11/17 16:37 EST		0	Source: 911 Call Center
A tree was down on River Road and a tree was down on Chilly Hollow Road.				
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LOUDOUN COUNTY --- 3.9 SW BLOOMFIELD [38.99, -77.85]				
	07/11/17 17:00 EST		0	Thunderstorm Wind (EG 50 kt)
	07/11/17 17:00 EST		0	Source: 911 Call Center
A tree was down on US 50 at Willisville Road.				
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LOUDOUN COUNTY --- 0.7 NW WATSON [39.01, -77.59]				
	07/11/17 17:26 EST		0	Thunderstorm Wind (EG 50 kt)
	07/11/17 17:26 EST		0	Source: 911 Call Center
A tree was down at Watson Road and Forest Glen Drive.				
A few storms became severe due to an unstable atmosphere associated with a hot and humid air mass.				
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(VA-Z053) FAIRFAX, (VA-Z054) ARLINGTON, (VA-Z055) STAFFORD, (VA-Z056) SPOTSYLVANIA, (VA-Z057) KING GEORGE				
	07/13/17 14:00 EST		0	Heat
	07/13/17 17:00 EST		0	
High pressure both at the surface and aloft caused hot conditions. A southerly flow caused high humidity, which led to high heat indices.				
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(VA-Z052) PRINCE WILLIAM, (VA-Z053) FAIRFAX, (VA-Z054) ARLINGTON, (VA-Z055) STAFFORD, (VA-Z056) SPOTSYLVANIA				
	07/14/17 11:00 EST		0	Heat
	07/14/17 17:00 EST		0	
High pressure both at the surface and aloft caused hot conditions. A southerly flow caused high humidity, which led to high heat indices.				
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FAUQUIER COUNTY --- 1.7 SSE DELAPLANE [38.90, -77.91]				
	07/14/17 14:37 EST		0	Thunderstorm Wind (EG 50 kt)
	07/14/17 14:37 EST		0	Source: 911 Call Center
A tree was down along the 3400 Block of Grove Lane, the 3000 Block of Rokeby Road and the 2700 Block of Rokeby Road.				
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SHENANDOAH COUNTY --- 0.8 NW BOWMAN [38.81, -78.59]				
	07/14/17 14:37 EST		0	Thunderstorm Wind (EG 50 kt)
	07/14/17 14:37 EST		0	Source: Public
Several trees were down and damage had taken place to roofing shingles.				
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FAUQUIER COUNTY --- 1.4 SE RECTORTOWN [38.90, -77.83]				
	07/14/17 14:45 EST		0	Thunderstorm Wind (EG 50 kt)
	07/14/17 14:45 EST		0	Source: 911 Call Center
A tree was down in the 7600 Block of Frogtown Road.				
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ROCKINGHAM COUNTY --- 0.6 SE GROTTUES [38.27, -78.82]				
	07/14/17 15:02 EST		0	Thunderstorm Wind (EG 50 kt)
	07/14/17 15:02 EST		0	Source: 911 Call Center
A tree fell onto power lines along sevenths street.				

Storm Data and Unusual Weather Phenomena - July 2017

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
ROCKINGHAM COUNTY --- 3.3 ESE GROTTOS [38.26, -78.77]				
	07/14/17 15:05 EST		0	Thunderstorm Wind (EG 50 kt)
	07/14/17 15:05 EST		0	Source: 911 Call Center
A tree was down on power lines near the intersection of Ore Bank Road and Browns Gap Road.				
FAIRFAX COUNTY --- 0.7 E VALE [38.88, -77.34]				
	07/14/17 15:11 EST		0	Thunderstorm Wind (EG 50 kt)
	07/14/17 15:11 EST		0	Source: 911 Call Center
A tree was down at the intersection of Fox Mill Road and Lake Edge Way.				
FAIRFAX COUNTY --- 1.7 W GREAT FALLS [39.00, -77.30]				
	07/14/17 15:14 EST		0	Thunderstorm Wind (EG 50 kt)
	07/14/17 15:14 EST		0	Source: 911 Call Center
A tree was down at Georgetown Pike and Ellsworth Avenue.				
FAIRFAX COUNTY --- 0.5 E VIENNA [38.90, -77.26]				
	07/14/17 15:16 EST		0	Thunderstorm Wind (EG 50 kt)
	07/14/17 15:16 EST		0	Source: 911 Call Center
Multiple trees were down along Browns Mill Road and Towlston road.				
FAIRFAX COUNTY --- 0.5 NNW KENMORE [38.96, -77.27]				
	07/14/17 15:16 EST		0	Thunderstorm Wind (EG 50 kt)
	07/14/17 15:16 EST		0	Source: 911 Call Center
Trees were down on Beulah Road and Trotting Horse Lane.				
FAIRFAX COUNTY --- 1.3 ESE OAKTON [38.87, -77.28]				
	07/14/17 15:16 EST		0	Thunderstorm Wind (EG 50 kt)
	07/14/17 15:16 EST		0	Source: 911 Call Center
A tree was down at Five Oaks Road and Blake Lane.				
FAIRFAX COUNTY --- 1.7 W MERRIFIELD [38.87, -77.26]				
	07/14/17 15:18 EST		0	Thunderstorm Wind (EG 50 kt)
	07/14/17 15:18 EST		0	Source: Emergency Manager
A tree was down at the Pan AM Shopping Center.				
FAIRFAX COUNTY --- 1.0 WNW MERRIFIELD [38.87, -77.25]				
	07/14/17 15:19 EST		0	Thunderstorm Wind (EG 50 kt)
	07/14/17 15:19 EST		0	Source: 911 Call Center
A tree was down at the intersection off Maple Lane and Lee Highway.				
FAIRFAX COUNTY --- 0.3 NE DUNN LORING [38.88, -77.23]				
	07/14/17 15:20 EST		0	Thunderstorm Wind (EG 50 kt)
	07/14/17 15:20 EST		0	Source: Broadcast Media
A tree fell onto a Metro Car.				
FAIRFAX COUNTY --- 0.8 SW ILDA [38.82, -77.26]				
	07/14/17 15:20 EST		0	Thunderstorm Wind (EG 50 kt)
	07/14/17 15:20 EST		0	Source: 911 Call Center
A tree was down at Guinea Road and Braeburn Drive.				
FAIRFAX COUNTY --- 0.7 NNW CHESTERBROOK WOODS [38.94, -77.18]				

Storm Data and Unusual Weather Phenomena - July 2017

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/14/17 15:24 EST		0	Thunderstorm Wind (EG 50 kt)
	07/14/17 15:24 EST		0	Source: 911 Call Center

Trees were down along Bridal Patch Lane, Gallant Green Drive, and Jones Branch Drive.

ARLINGTON COUNTY --- 2.0 W BARCROFT [38.89, -77.17]				
	07/14/17 15:28 EST		0	Thunderstorm Wind (EG 50 kt)
	07/14/17 15:28 EST		0	Source: 911 Call Center

A tree was down along the 6900 Block of Williamsburg Boulevard.

ARLINGTON COUNTY --- 1.2 W ROSSLYN [38.88, -77.10]				
	07/14/17 15:36 EST		0	Thunderstorm Wind (EG 50 kt)
	07/14/17 15:36 EST		0	Source: 911 Call Center

A tree fell onto a car along 8th Street and North Monroe Street.

ALEXANDRIA (C) COUNTY --- 0.8 WSW ALEXANDRIA [38.82, -77.09]				
	07/14/17 15:37 EST		0	Thunderstorm Wind (EG 50 kt)
	07/14/17 15:37 EST		0	Source: 911 Call Center

A tree fell onto a house along Saylor Place.

FAIRFAX COUNTY --- 1.1 S LAUREL GROVE [38.75, -77.15]				
	07/14/17 16:05 EST		0	Thunderstorm Wind (EG 50 kt)
	07/14/17 16:05 EST		0	Source: NWS Employee

A tree was down in the Alexandria area.

FREDERICK COUNTY --- 63.3 SE DBL TOLLGATE [38.28, -77.49]				
	07/14/17 16:33 EST		0	Thunderstorm Wind (MG 51 kt)
	07/14/17 16:33 EST		0	Source: Public

A wind gust of 59 mph was measured. Two trees were also down as well.

A cold front passed through the area. At the same time, an upper-level trough passed through increasing the winds aloft. There was enough shear to combine with an unstable atmosphere for severe thunderstorms to develop.

HARRISONBURG (C) COUNTY --- 0.8 NNW HARRISONBURG [38.46, -78.88], 0.8 NW HARRISONBURG [38.46, -78.88], 0.8 NW HARRISONBURG [38.46, -78.88], 0.8 NW HARRISONBURG [38.46, -78.88]				
	07/18/17 18:20 EST		0	Flash Flood (due to Heavy Rain)
	07/18/17 21:15 EST		0	Source: 911 Call Center

Waterman Drive was closed due to high water.

Warm and moist conditions continue across the Mid-Atlantic region and showers and thunderstorms formed in the afternoon and evening. Weak storm motion led to slow moving thunderstorms that produced isolated flooding.

(VA-Z050) ORANGE, (VA-Z051) CULPEPER, (VA-Z052) PRINCE WILLIAM, (VA-Z055) STAFFORD, (VA-Z057) KING GEORGE, (VA-Z502) SOUTHERN FAUQUIER				
	07/20/17 11:00 EST		0	Heat
	07/20/17 17:00 EST		0	

High pressure both at the surface and aloft caused hot conditions. A southerly flow caused high humidity, which led to high heat indices.

(VA-Z051) CULPEPER, (VA-Z052) PRINCE WILLIAM, (VA-Z055) STAFFORD, (VA-Z056) SPOTSYLVANIA, (VA-Z057) KING GEORGE, (VA-Z502) SOUTHERN FAUQUIER				
	07/21/17 11:00 EST		0	Heat
	07/21/17 17:00 EST		0	

A southerly flow around high pressure caused hot and humid conditions, which led to high heat indices.

Storm Data and Unusual Weather Phenomena - July 2017

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
HARRISONBURG (C) COUNTY --- 0.9 SSW HARRISONBURG [38.44, -78.87]				
	07/21/17 14:11 EST	0		Thunderstorm Wind (EG 50 kt)
	07/21/17 14:11 EST	0		Source: 911 Call Center
Several large tree limbs were down blocking Burgess Road near East Market Street.				
SHENANDOAH COUNTY --- 1.3 S SOUTH JACKSON [38.71, -78.65]				
	07/21/17 14:23 EST	0		Thunderstorm Wind (EG 50 kt)
	07/21/17 14:23 EST	0		Source: 911 Call Center
A tree was down near the intersection of Old Valley Pike and Moreland Gap Road.				
A couple storms produced locally damaging wind gusts due to an unstable atmosphere.				
LOUDOUN COUNTY --- 0.7 SSE BRITAIN [39.24, -77.68]				
	07/22/17 12:28 EST	0		Thunderstorm Wind (EG 50 kt)
	07/22/17 12:28 EST	0		Source: 911 Call Center
A large tree was down blocking Picnic Woods Road near Bolington Road.				
LOUDOUN COUNTY --- 0.9 NE WATERFORD [39.19, -77.59]				
	07/22/17 12:33 EST	0		Thunderstorm Wind (EG 50 kt)
	07/22/17 12:33 EST	0		Source: 911 Call Center
A tree six inches in diameter was down near the intersection of Browns Lane And Sunset Hill Lane.				
LOUDOUN COUNTY --- 1.3 NNW TAYLORSTOWN [39.27, -77.59]				
	07/22/17 12:34 EST	0		Thunderstorm Wind (EG 50 kt)
	07/22/17 12:34 EST	0		Source: 911 Call Center
A tree six inches in diameter was down blocking part of Taylorstown Road near Hickory Shade Lane.				
LOUDOUN COUNTY --- 2.1 SSE STUMPTOWN [39.17, -77.53]				
	07/22/17 12:41 EST	0		Thunderstorm Wind (EG 50 kt)
	07/22/17 12:41 EST	0		Source: 911 Call Center
A tree was down on power lines in the 15900 Block of Limestone School Road.				
LOUDOUN COUNTY --- 3.9 SW BLOOMFIELD [38.99, -77.85]				
	07/22/17 12:42 EST	0		Thunderstorm Wind (EG 50 kt)
	07/22/17 12:42 EST	0		Source: 911 Call Center
A tree was down on Willisville Road near John Mosby Highway.				
FAIRFAX COUNTY --- 0.0 ESE PEACOCK [38.97, -77.25]				
	07/22/17 13:12 EST	0		Thunderstorm Wind (EG 50 kt)
	07/22/17 13:12 EST	0		Source: Broadcast Media
A large tree was down blocking Old Dominion Drive east of Towlston Road near Rocky Run.				
ORANGE COUNTY --- 1.0 NE MADISON RUN [38.21, -78.12]				
	07/22/17 16:23 EST	0		Thunderstorm Wind (EG 50 kt)
	07/22/17 16:23 EST	0		Source: Trained Spotter
Several trees were down and tents were blown over at the Orange County Fair. A tree also fell on a car along the 17000 block of Monrovia Road.				
ORANGE COUNTY --- 0.7 NNE ST JUST [38.26, -77.87]				
	07/22/17 16:50 EST	0		Thunderstorm Wind (EG 50 kt)
	07/22/17 16:50 EST	0		Source: 911 Call Center
Several trees were down on power lines and one was down on a car along Saint Just Road between Catharpin Road and Mine Run Road.				

Storm Data and Unusual Weather Phenomena - July 2017

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
SPOTSYLVANIA COUNTY --- 0.8 WNW SPOTSYLVANIA [38.20, -77.59]				
	07/22/17 17:18 EST		0	Thunderstorm Wind (EG 50 kt)
	07/22/17 17:18 EST		0	Source: Trained Spotter
Numerous trees were down along Brock Road between Old Battlefield Road and Courthouse Road.				
SPOTSYLVANIA COUNTY --- 1.4 SSW LEAVELLS [38.23, -77.53]				
	07/22/17 17:20 EST		0	Thunderstorm Wind (EG 50 kt)
	07/22/17 17:20 EST		0	Source: Trained Spotter
Several trees were down, including one on a house.				
FREDERICKSBURG (C) COUNTY --- 61.2 SE DBL TOLLGATE [38.32, -77.50]				
	07/22/17 17:21 EST		0	Thunderstorm Wind (EG 50 kt)
	07/22/17 17:21 EST		0	Source: 911 Call Center
A tree was down on Greystone Court.				
SPOTSYLVANIA COUNTY --- 0.3 WNW NEW POST [38.23, -77.41]				
	07/22/17 17:29 EST		0	Thunderstorm Wind (EG 50 kt)
	07/22/17 17:29 EST		0	Source: 911 Call Center
Two trees were down in the vicinity off Mills Drive and Tidewater Trail.				
GREENE COUNTY --- 1.9 W QUINQUE [38.25, -78.44]				
	07/22/17 20:42 EST		0	Thunderstorm Wind (EG 50 kt)
	07/22/17 20:42 EST		0	Source: 911 Call Center
A tree was down near the intersection of Amicus Road and Jonquill Road . Trees were also down on est Daffodil Road and Gardenia Road . Several of those trees fell onto houses.				
ORANGE COUNTY --- 1.9 ESE SCUFFLETOWN [38.24, -78.27]				
	07/22/17 21:00 EST		0	Thunderstorm Wind (EG 50 kt)
	07/22/17 21:00 EST		0	Source: 911 Call Center
A tree was down in the 6400 Block of Scuffletown Road.				
ALBEMARLE COUNTY --- 60.3 N MADISONVILLE [38.04, -78.50]				
	07/22/17 21:08 EST		0	Thunderstorm Wind (EG 50 kt)
	07/22/17 21:08 EST		0	Source: 911 Call Center
A tree fell into a structure in the 600 Block of Cabell Avenue.				
ALBEMARLE COUNTY --- 0.7 SE RIO [38.06, -78.46]				
	07/22/17 21:15 EST		0	Thunderstorm Wind (EG 50 kt)
	07/22/17 21:15 EST		0	Source: 911 Call Center
A tree was down near the intersection of Warner Parkway and East Rio Road.				
ALBEMARLE COUNTY --- 60.4 N MADISONVILLE [38.04, -78.50]				
	07/22/17 21:30 EST		0	Thunderstorm Wind (EG 50 kt)
	07/22/17 21:30 EST		0	Source: 911 Call Center
A tree was down on power lines on Madison Avenue.				
ALBEMARLE COUNTY --- 2.2 SSW SIMEON [37.95, -78.46]				
	07/22/17 21:35 EST		0	Thunderstorm Wind (EG 50 kt)
	07/22/17 21:35 EST		0	Source: 911 Call Center
A tree was down along the 3000 Block of Rolling Road.				

Storm Data and Unusual Weather Phenomena - July 2017

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
ALBEMARLE COUNTY --- 2.5 ESE SIMEON [37.97, -78.41]				
	07/22/17 21:42 EST		0	Thunderstorm Wind (EG 50 kt)
	07/22/17 21:42 EST		0	Source: 911 Call Center
A tree was down along the 2500 Block of Buck Island Road.				
A weak boundary moved into the area, but hot and humid conditions led to moderate to high amounts of instability. An upper-level trough increased winds aloft which caused storms associated with the boundary to become severe.				
ALEXANDRIA (C) COUNTY --- 2.1 WSW ALEXANDRIA [38.81, -77.11], 2.0 WSW ALEXANDRIA [38.81, -77.11], 1.8 WSW ALEXANDRIA [38.81, -77.11], 1.0 SSW ALEXANDRIA [38.81, -77.09], 1.0 S ALEXANDRIA [38.81, -77.08], 1.3 SSW ALEXANDRIA [38.80, -77.08]				
	07/28/17 15:01 EST		0	Flash Flood (due to Heavy Rain)
	07/28/17 16:27 EST		0	Source: River/Stream Gage
The stream gauge on Cameron Run at Alexandria/Eisenhower exceeded the flood stage of 8 feet. It peaked at 8.25 feet at 16:23 EST. Water overflowed the banks on both sides of Cameron Run upstream of the railroad culverts.				
FAIRFAX COUNTY --- 1.3 N BELLE HAVEN [38.80, -77.07], 1.0 NNE BELLE HAVEN [38.79, -77.06], 1.1 NNE BELLE HAVEN [38.80, -77.06], 1.3 N BELLE HAVEN [38.80, -77.07]				
	07/28/17 15:15 EST		0	Flash Flood (due to Heavy Rain)
	07/28/17 17:15 EST		0	Source: River/Stream Gage
The stream gauge on Cameron Run at Huntington exceeded the flood stage of 6.5 feet. It peaked at 7.86 feet at 16:45 EST. Six inches of water covered the end of Fenwick Drive. Lesser amounts of water reached up the street to in front of house number 5652.				
FAIRFAX COUNTY --- 0.8 NE WEYANOKE [38.81, -77.16], 0.8 NE WEYANOKE [38.81, -77.16], 0.7 NE WEYANOKE [38.81, -77.16], 0.7 NE WEYANOKE [38.81, -77.16]				
	07/28/17 15:26 EST		0	Flash Flood (due to Heavy Rain)
	07/28/17 17:15 EST		0	Source: Department of Highways
Cherokee Avenue was flooded and closed due to torrential rain which brought Indian Run out of its banks and over the road.				
HARRISONBURG (C) COUNTY --- 1.9 SSE HARRISONBURG [38.42, -78.86], 2.0 SSE HARRISONBURG [38.42, -78.85], 2.1 SSE HARRISONBURG [38.42, -78.85], 2.0 SSE HARRISONBURG [38.42, -78.86]				
	07/28/17 15:48 EST		0	Flood (due to Heavy Rain)
	07/28/17 18:00 EST		0	Source: Broadcast Media
Reservoir Street flooded and closed at Lucy Drive due to high water.				
HARRISONBURG (C) COUNTY --- 1.3 ESE HARRISONBURG [38.44, -78.85], 1.3 ESE HARRISONBURG [38.44, -78.85], 1.6 ESE HARRISONBURG [38.44, -78.85], 1.5 ESE HARRISONBURG [38.44, -78.85]				
	07/28/17 16:09 EST		0	Flood (due to Heavy Rain)
	07/28/17 18:00 EST		0	Source: Broadcast Media
A portion of Country Club Road in Harrisonburg was flooded and closed.				
HARRISONBURG (C) COUNTY --- 1.0 NNE HARRISONBURG [38.46, -78.87], 1.0 NNE HARRISONBURG [38.46, -78.86], 0.9 NNE HARRISONBURG [38.46, -78.86], 0.9 NNE HARRISONBURG [38.46, -78.87]				
	07/28/17 16:25 EST		0	Flood (due to Heavy Rain)
	07/28/17 18:00 EST		0	Source: Broadcast Media
North Liberty Street flooded and closed near Rockingham Petroleum.				
WINCHESTER (C) COUNTY --- 3.3 N WINCHESTER [39.18, -78.16], 3.2 N WINCHESTER [39.18, -78.16], 3.1 N WINCHESTER [39.18, -78.16], 3.2 N WINCHESTER [39.18, -78.17]				
	07/28/17 21:30 EST		0	Flash Flood (due to Heavy Rain)
	07/28/17 23:30 EST		0	Source: 911 Call Center
The 300 block of Pall Mall Street was flooded due to overflow from a creek caused by torrential rainfall, and was reported to be closed as a result of the high water.				
CLARKE COUNTY --- 3.6 NNW BOYCE [39.15, -78.07], 3.6 NNW BOYCE [39.15, -78.07], 3.7 NNW BOYCE [39.15, -78.07], 3.7 NNW BOYCE [39.15, -78.07]				

Storm Data and Unusual Weather Phenomena - July 2017

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/28/17 23:00 EST		0	Flash Flood (due to Heavy Rain)
	07/29/17 01:00 EST		0	Source: 911 Call Center

Torrential rains caused rapid flooding on Senseny Road near Salem Church Road. The road was closed.

CLARKE COUNTY --- 3.8 WNW BERRYVILLE [39.18, -78.03], 4.0 WNW BERRYVILLE [39.18, -78.03], 3.9 WNW BERRYVILLE [39.18, -78.04], 3.8 WNW BERRYVILLE [39.18, -78.03]

07/28/17 23:00 EST	0	Flash Flood (due to Heavy Rain)
07/29/17 01:00 EST	0	Source: 911 Call Center

Torrential rain caused flooding of Russell Road near Stringtown.

LOUDOUN COUNTY --- 2.8 WSW PURCELLVILLE [39.14, -77.77], 2.7 WSW PURCELLVILLE [39.14, -77.77], 2.7 WSW PURCELLVILLE [39.14, -77.77], 2.8 ENE ROUND HILL [39.14, -77.77]

07/28/17 23:12 EST	0	Flash Flood (due to Heavy Rain)
07/29/17 01:30 EST	0	Source: State Official

Torrential rains flooded Main Street in Round Hill, causing it to be closed at Greenwood Drive.

LOUDOUN COUNTY --- 2.2 WNW NORTH FORK [39.08, -77.77], 2.3 WNW NORTH FORK [39.08, -77.77], 1.9 W NORTH FORK [39.08, -77.76], 1.9 WNW NORTH FORK [39.08, -77.76]

07/28/17 23:21 EST	0	Flash Flood (due to Heavy Rain)
07/29/17 01:30 EST	0	Source: 911 Call Center

Snickersville Turnpike washed out near Portrait Vista Lane in Loudoun County due to torrential rainfall.

FAIRFAX COUNTY --- 0.9 WSW TREMONT [38.85, -77.24], 1.0 WSW TREMONT [38.85, -77.24], 1.1 WSW TREMONT [38.85, -77.24], 0.9 W TREMONT [38.85, -77.24]

07/29/17 00:06 EST	0	Flash Flood (due to Heavy Rain)
07/29/17 02:00 EST	0	Source: River/Stream Gage

The stream gauge on Accotink Creek at Annandale exceeded the flood stage of 9.5 feet. It peaked at 10.69 feet at 4:30 EST. Woodburn Road was flooded at Accotink Creek.

FAIRFAX COUNTY --- 1.1 N BELLE HAVEN [38.80, -77.07], 1.0 NNE BELLE HAVEN [38.79, -77.07], 1.1 NNE BELLE HAVEN [38.80, -77.06], 1.3 N BELLE HAVEN [38.80, -77.07]

07/29/17 00:11 EST	0	Flash Flood (due to Heavy Rain)
07/29/17 02:00 EST	0	Source: River/Stream Gage

The stream gauge on Cameron Run at Huntington exceeded the flood stage of 6.5 feet. It peaked at 8.38 feet at 01:15 EST. A foot and a half of water covered the end of Fenwick Drive. Lesser amounts covered the road further south down to the area in front of house number 5706. Several homes on Fenwick are surrounded by water but the houses themselves were not threatened above ground. Water also began to cover both ends of Arlington Terrace. Backwater on Quander Brook may begin to flood a service road near Fort Hunt Road.

ALEXANDRIA (C) COUNTY --- 2.0 WSW ALEXANDRIA [38.81, -77.11], 1.9 WSW ALEXANDRIA [38.81, -77.11], 1.8 WSW ALEXANDRIA [38.81, -77.11], 1.4 SW ALEXANDRIA [38.81, -77.10], 1.1 SSW ALEXANDRIA [38.81, -77.09], 1.3 SSW ALEXANDRIA [38.80, -77.09], 1.9 SW ALEXANDRIA [38.80, -77.11]

07/29/17 00:27 EST	0	Flash Flood (due to Heavy Rain)
07/29/17 01:01 EST	0	Source: River/Stream Gage

The stream gauge on Cameron Run at Alexandria/Eisenhower exceeded the flood stage of 8 feet. It peaked at 8.20 feet at 01:01 EST. Water overflowed the banks on both sides of Cameron Run upstream of the railroad culverts.

LOUDOUN COUNTY --- 1.3 WNW WATERFORD [39.19, -77.62], 1.1 NW WATERFORD [39.19, -77.62], 0.9 WNW WATERFORD [39.18, -77.62], 1.3 W WATERFORD [39.18, -77.62], 1.3 W WATERFORD [39.18, -77.62], 1.5 W WATERFORD [39.18, -77.63]

07/29/17 06:30 EST	0	Flood (due to Heavy Rain)
07/29/17 10:28 EST	0	Source: River/Stream Gage

The stream gauge on South Fork Catoctin Creek at Waterford exceeded the flood stage of 8 feet. It peaked at 8.44 feet at 09:00 EST. Lowland fields near the creek flooded.

PRINCE WILLIAM COUNTY --- 0.7 N BRISTOW [38.73, -77.53], 0.4 N BRISTOW [38.73, -77.53], 0.3 N BRISTOW [38.72, -77.53], 0.6 NNW BRISTOW [38.73, -77.53]

Storm Data and Unusual Weather Phenomena - July 2017

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/29/17 12:36 EST		0	Flood (due to Heavy Rain)
	07/29/17 17:00 EST		0	Source: Emergency Manager

Piper Lane flooded and closed near the railroad trestle due to the flooding of Broad Run.

A strong upper level low interacted with a frontal boundary near the Mid-Atlantic region and low pressure formed along the boundary. High moisture content and thunderstorms led to widespread flooding across the Mid-Atlantic region.

WEST VIRGINIA, East

JEFFERSON COUNTY --- 0.4 ESE CHARLES TOWN [39.30, -77.84], 0.2 E CHARLES TOWN [39.30, -77.85]

07/05/17 21:14 EST	0	Tornado (EF0, L: 0.26 mi , W: 30 yd)
07/05/17 21:15 EST	0	Source: NWS Storm Survey

The National Weather Service in Baltimore MD/Washington DC has confirmed a weak tornado near Charles Town in Jefferson County WV on July 05 2017.

A small tornado touched down at the entrance to the Jefferson Crossing Shopping Center on Flowing Springs Road just north of U.S. 340. The tornado damaged the sign at the entrance.

The tornado crossed Flowing Springs Road and damaged the roofing of three barns and the door to a fourth barn located at Hollywood Casino at Charles Town Races. One barn lost a section of roof completely, leaving seven stalls exposed. Debris from the roof of one barn was thrown into power lines, snapping a telephone pole. Fencing was also damaged by debris from the roof. Projectile impacts were also noted in nearby barn roofs from two- by-four pieces of wood that were lofted by the tornado.

The tornado lifted as it crossed East Fifth Avenue near the vehicle entrance to the barn area.

The tornado was captured on security camera footage at the Hollywood Casino at Charles Town Races. The footage showed sections of barn roof being lifted and spun into the air.

Velocity data from the FAA Terminal Doppler Radar located near Leesburg, VA that serves Washington Dulles International Airport corroborated these impacts with a brief, weak shear signature from 2014 to 2015 UTC.

A boundary passed through the area during the evening hours. Winds aloft changed direction with height and also increased near the boundary. A storm developed along the boundary and the rotation from the changing winds aloft caused an isolated tornado to develop.

HAMPSHIRE COUNTY --- 1.8 WNW PLEASANTDALE [39.31, -78.61]

07/07/17 16:39 EST	0	Thunderstorm Wind (EG 50 kt)
07/07/17 16:39 EST	0	Source: Trained Spotter

A tree was down along Sol Shanholtz Road about a half of a mile from Highway 50.

MINERAL COUNTY --- 1.7 ESE PIEDMONT [39.46, -79.02]

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

A tree was down at the intersection of Victoria Avenue and Ashby Street.

A cold front passed through the area. There was enough instability for some storms associated with the front to become severe.

HAMPSHIRE COUNTY --- 1.3 WNW LEHEW [39.21, -78.49]

Storm Data and Unusual Weather Phenomena - July 2017

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/14/17 13:18 EST		0	Hail (1.00 in)
	07/14/17 13:18 EST		0	Source: Public
Quarter sized hail was reported at Camp Rim Rock.				
A cold front passed through the area. At the same time, an upper-level trough passed through increasing the winds aloft. There was enough shear to combine with an unstable atmosphere for severe thunderstorms to develop.				
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MINERAL COUNTY --- 1.5 WSW KEYSER [39.42, -79.00]				
	07/17/17 17:20 EST		0	Hail (1.00 in)
	07/17/17 17:20 EST		0	Source: COOP Observer
Quarter sized hail was reported.				
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MINERAL COUNTY --- 1.0 NNW KEYSER [39.44, -78.99]				
	07/17/17 17:30 EST		0	Hail (1.00 in)
	07/17/17 17:30 EST		0	Source: Trained Spotter
Quarter sized hail was reported.				
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MINERAL COUNTY --- 1.0 NNW KEYSER [39.44, -78.99]				
	07/17/17 17:30 EST		0	Thunderstorm Wind (EG 50 kt)
	07/17/17 17:30 EST		0	Source: Trained Spotter
A large Walnut tree was down due to thunderstorm winds.				
A pressure trough triggered some showers and thunderstorms. Some storms became severe due to hot and humid conditions leading to an unstable atmosphere.				
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(WV-Z051) MORGAN, (WV-Z052) BERKELEY, (WV-Z053) JEFFERSON				
	07/20/17 11:00 EST		0	Heat
	07/20/17 17:00 EST		0	
High pressure both at the surface and aloft caused hot conditions. A southerly flow caused high humidity, which led to high heat indices.				
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BERKELEY COUNTY --- 0.9 ESE SHANGHAI [39.42, -78.11]				
	07/22/17 11:52 EST		0	Thunderstorm Wind (EG 50 kt)
	07/22/17 11:52 EST		0	Source: 911 Call Center
A tree was down blocking the roadway near the intersection of Jenkins Road and Buck Hill Road.				
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JEFFERSON COUNTY --- 0.6 ENE CHARLES TOWN [39.30, -77.84]				
	07/22/17 12:12 EST		0	Thunderstorm Wind (EG 50 kt)
	07/22/17 12:12 EST		0	Source: 911 Call Center
Three large trees were down on Route 9 near Flowing Springs Road.				
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JEFFERSON COUNTY --- 0.6 SSE BOLIVAR [39.31, -77.74]				
	07/22/17 12:19 EST		0	Thunderstorm Wind (EG 50 kt)
	07/22/17 12:19 EST		0	Source: 911 Call Center
A tree was down along the 4100 Block of Chestnut Hill Road.				
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JEFFERSON COUNTY --- 1.4 SE BAKERTON [39.36, -77.75]				
	07/22/17 12:20 EST		0	Thunderstorm Wind (EG 50 kt)
	07/22/17 12:20 EST		0	Source: 911 Call Center
A tree was down on a house near the intersection of Allens Wonderland Lane and Bakerton Road.				
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GRANT COUNTY --- 0.6 SW GORMANIA [39.27, -79.36]				
	07/22/17 15:25 EST		0	Thunderstorm Wind (EG 50 kt)
	07/22/17 15:25 EST		0	Source: 911 Call Center

Storm Data and Unusual Weather Phenomena - July 2017

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
A tree was down along Route 90.				
PENDLETON COUNTY --- 0.5 W DRY RUN [38.62, -79.53]				
	07/22/17 19:05 EST		0	Thunderstorm Wind (EG 50 kt)
	07/22/17 19:05 EST		0	Source: Trained Spotter
Two trees were uprooted in Circleville.				
A weak boundary moved into the area, but hot and humid conditions led to moderate to high amounts of instability. An upper-level trough increased winds aloft which caused storms associated with the boundary to become severe.				
BERKELEY COUNTY --- 1.9 SSW MARTINSBURG [39.43, -77.99], 1.5 NNW (MRB)SHEPHERD FLD MR [39.42, -77.99], 1.4 NNW (MRB)SHEPHERD FLD MR [39.42, -77.99], 1.8 SSW MARTINSBURG [39.43, -77.99]				
	07/28/17 22:00 EST		0	Flash Flood (due to Heavy Rain)
	07/29/17 00:00 EST		0	Source: 911 Call Center
Water in yards and approaching homes in the 12400 block of Winchester Avenue due to torrential rainfall.				
MINERAL COUNTY --- 0.9 SW BLAINE [39.39, -79.18], 0.8 WSW BLAINE [39.40, -79.18], 0.6 WSW BLAINE [39.40, -79.18], 0.8 SSW BLAINE [39.39, -79.18], 1.0 N OAKMONT [39.38, -79.18], 1.1 NNW OAKMONT [39.38, -79.19], 1.3 WSW BLAINE [39.39, -79.19]				
	07/28/17 22:23 EST		0	Flood (due to Heavy Rain)
	07/29/17 00:35 EST		0	Source: River/Stream Gage
The stream gauge on North Branch Potomac River at Kitzmiller reached their flood stage 9 feet. It peaked at 9.35 feet at 23:00 EST. Low lying areas near the river around Kitzmiller began to flood.				
BERKELEY COUNTY --- 0.6 NNW BUNKER HILL [39.34, -78.05], 0.9 SW INWOOD [39.34, -78.06], 1.1 SW INWOOD [39.34, -78.06], 0.5 NNW BUNKER HILL [39.34, -78.05]				
	07/29/17 02:58 EST		0	Flood (due to Heavy Rain)
	07/29/17 04:49 EST		0	Source: River/Stream Gage
The stream gauge on Mill Creek at Bunker Hill reached their flood stage of 4.3 feet. It peaked at 4.54 feet at 3:45 EST. Henshaw Road was flooded under Interstate 81.				
BERKELEY COUNTY --- 0.4 WSW BLAIRTON [39.45, -77.93], 0.8 WSW BLAIRTON [39.44, -77.93], 1.3 SW BLAIRTON [39.44, -77.94], 2.1 NE (MRB)SHEPHERD FLD MR [39.42, -77.95], 1.8 ESE (MRB)SHEPHERD FLD MR [39.39, -77.95], 2.6 ESE (MRB)SHEPHERD FLD MR [39.39, -77.94], 1.5 WSW VANCELEVESVILLE [39.42, -77.93]				
	07/29/17 07:30 EST		0	Flood (due to Heavy Rain)
	07/29/17 23:02 EST		0	Source: River/Stream Gage
The stream gauge on Opequon Creek at Martinsburg reached their flood stage of 10 feet. It peaked at 13.3 feet at 17:00 EST. The creek was well out of its banks with lowlands nearby flooded. Golf Course Road/County Road 36 is flooded and some residents may need to move items to higher ground. Several other roads are flooded, including Grapevine Road, Douglas Grove Road, and Paynes Ford Road. Backwater flooding is occurring on small tributaries, including Tuscarora Creek.				
GRANT COUNTY --- 1.3 SW GORMANIA [39.27, -79.37], 1.0 WSW GORMANIA [39.27, -79.37], 0.9 WSW GORMANIA [39.27, -79.36], 1.2 SW GORMANIA [39.27, -79.37]				
	07/29/17 07:30 EST		1K	Flood (due to Dam / Levee Break)
	07/29/17 11:00 EST		0	Source: Emergency Manager
Levee breached on Buffalo Creek, pushing it out of its banks, flooding nearby areas.				
GRANT COUNTY --- 0.2 N GORMANIA [39.28, -79.35], 0.6 SW GORMANIA [39.28, -79.36], 0.6 WSW GORMANIA [39.28, -79.36], 0.3 WNW GORMANIA [39.28, -79.35], 0.4 NNW GORMANIA [39.29, -79.35]				
	07/29/17 07:36 EST		0	Flood (due to Heavy Rain)
	07/29/17 14:56 EST		0	Source: River/Stream Gage
The stream gauge on North Branch Potomac River at Steyer reached their flood stage 9 feet. It peaked at 11.12 feet at 10:15 EST. Water began to cover a portion of Althouse Mill Road near Bayard.				
MINERAL COUNTY --- 0.8 WSW BLAINE [39.39, -79.18], 0.6 WSW BLAINE [39.40, -79.18], 0.8 SSW BLAINE [39.39, -79.18], 1.0 NNW OAKMONT [39.38, -79.18], 1.2 NNE HARRISON [39.39, -79.19], 1.2 WSW BLAINE [39.39, -79.19]				

Storm Data and Unusual Weather Phenomena - July 2017

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/29/17 08:42 EST		0	Flood (due to Heavy Rain)
	07/29/17 16:15 EST		0	Source: River/Stream Gage

The stream gauge on North Branch Potomac River at Kitzmiller reached their flood stage 9 feet. It peaked at 10.71 feet at 11:45 EST. Low lying areas near the river around Kitzmiller began to flood.

A strong upper level low interacted with a frontal boundary near the Mid-Atlantic region and low pressure formed along the boundary. High moisture content and thunderstorms led to widespread flooding across the Mid-Atlantic region.