

Storm Data and Unusual Weather Phenomena - July 2018

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
ATLANTIC NORTH				
CHESAPEAKE BAY N OF POOLES IS MD COUNTY --- GROVE POINT (GVP) [39.40, -76.04]				
	07/03/18 19:31 EST	0		Marine Thunderstorm Wind (MG 38 kt)
	07/03/18 19:51 EST	0		Source: Buoy
Wind gusts up to 38 knots were reported at Grove Point.				
An isolated thunderstorm produced gusty winds due to an unstable atmosphere.				
PATAPSCO RIVER INCLUDING BALTIMORE HARBOR COUNTY --- BALTIMORE KEY BRIDGE (FSKM2) [39.22, -76.53]				
	07/16/18 14:06 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	07/16/18 14:06 EST	0		Source: Buoy
A wind gust in excess of 30 knots was reported at Key Bridge.				
An isolated thunderstorm produced gusty winds due to an unstable atmosphere.				
TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- QUANTICO (KNYG) [38.51, -77.30]				
	07/17/18 14:04 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	07/17/18 14:04 EST	0		Source: AWOS
A wind gust in excess of 30 knots was reported at Quantico.				
TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- 3.3 ESE LEESYLVANIA STATE PARK (LSLVN) [38.64, -77.20]				
	07/17/18 14:18 EST	0		Marine Thunderstorm Wind (MG 35 kt)
	07/17/18 14:18 EST	0		Source: Buoy
A wind gust of 35 knots was reported at Occoquon Creek.				
TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- (DCA)REAGAN NATIONAL AIRPORT [38.86, -77.03]				
	07/17/18 14:31 EST	0		Marine Thunderstorm Wind (MG 36 kt)
	07/17/18 14:33 EST	0		Source: 911 Call Center
Wind gusts of 35 to 36 knots were reported at Reagan National.				
TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- LYLES-CROUCH ACADEMY (AXDRA) [38.80, -77.05]				
	07/17/18 14:39 EST	0		Marine Thunderstorm Wind (MG 35 kt)
	07/17/18 14:39 EST	0		Source: Mesonet
A wind gust of 35 knots was reported at Lyles Crouch Academy.				
TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- NATIONALS PARK (WSHNP) [38.87, -77.01]				
	07/17/18 14:39 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	07/17/18 14:39 EST	0		Source: Mesonet
A wind gust in excess of 30 knots was reported at Nationals Park.				
TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- 1.5 E BABAR POINT (BAB) [38.31, -77.00]				
	07/17/18 14:43 EST	0		Marine Thunderstorm Wind (MG 35 kt)
	07/17/18 14:43 EST	0		Source: Buoy
A wind gust of 35 knots was reported at Pylons DAH.				
TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- 0.8 NNW BABAR POINT (BAB) [38.32, -77.04]				
	07/17/18 14:46 EST	0		Marine Thunderstorm Wind (MG 34 kt)
	07/17/18 14:46 EST	0		Source: Buoy
A wind gust of 34 knots was reported near Dahlgren.				

Storm Data and Unusual Weather Phenomena - July 2018

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- POTOMAC LIGHT 33 (LT3) [38.34, -76.99]				
	07/17/18 14:46 EST	0		Marine Thunderstorm Wind (MG 34 kt)
	07/17/18 14:46 EST	0		Source: Buoy
A wind gust of 34 knots was reported at Potomac Light.				
CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- THOMAS POINT (TPLM2) [38.90, -76.44]				
	07/17/18 15:00 EST	0		Marine Thunderstorm Wind (MG 37 kt)
	07/17/18 15:00 EST	0		Source: Buoy
A wind gust of 37 knots was reported at Thomas Point Lighthouse.				
TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- COBB POINT (COB) [38.24, -76.83]				
	07/17/18 15:09 EST	0		Marine Thunderstorm Wind (MG 41 kt)
	07/17/18 15:19 EST	0		Source: Buoy
Wind gusts of 38 to 41 knots were reported at Cobb Point.				
PATUXENT RIVER TO BROOMES ISLAND MD COUNTY --- SOLOMONS ISLAND (SLIM2) [38.32, -76.45]				
	07/17/18 15:24 EST	0		Marine Thunderstorm Wind (MG 36 kt)
	07/17/18 15:36 EST	0		Source: Buoy
Wind gusts up to 36 knots were reported at Solomons Island.				
CHESAPEAKE BAY DRUM PT TO SMITH PT VA COUNTY --- PATUXENT RIVER ASOS (KNAK) [38.29, -76.41]				
	07/17/18 15:31 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	07/17/18 15:31 EST	0		Source: AWOS
A wind gust in excess of 30 knots was reported at Patuxent River (KNHK).				
CHOPTANK RIVER TO CAMBRIDGE MD AND THE LITTLE CHOPTANK RIVER COUNTY --- 9.1 NNE GOOSSES REEF BUOY (44062) [38.68, -76.33]				
	07/17/18 15:34 EST	0		Marine Thunderstorm Wind (MG 36 kt)
	07/17/18 15:34 EST	0		Source: Buoy
A wind gust of 36 knots was reported at Black Walnut Harbor.				
CHESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY --- GOOSSES REEF BUOY (44062) [38.56, -76.41]				
	07/17/18 15:40 EST	0		Marine Thunderstorm Wind (MG 35 kt)
	07/17/18 15:50 EST	0		Source: Buoy
Wind gusts up to 35 knots were reported at Gooses Reef.				
CHESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY --- 2.6 S MID BAY BUOY [38.43, -76.39]				
	07/17/18 15:48 EST	0		Marine Thunderstorm Wind (MG 37 kt)
	07/17/18 15:54 EST	0		Source: Buoy
Wind gusts up to 37 knots were reported at Cove Point.				
A cold front passed through on the 17th, and southwest winds ahead of the boundary led to an unstable atmosphere. The instability combined with the lift from the cold front to gusty winds from thunderstorms.				
CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- THOMAS POINT (TPLM2) [38.90, -76.44]				
	07/22/18 15:00 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	07/22/18 15:00 EST	0		Source: Buoy
Wind gusts in excess of 30 knots were reported at Thomas Point Lighthouse.				
CHESAPEAKE BAY N OF POOLES IS MD COUNTY --- GROVE POINT (GVP) [39.40, -76.04]				
	07/22/18 15:21 EST	0		Marine Thunderstorm Wind (MG 35 kt)
	07/22/18 15:26 EST	0		Source: Buoy
Wind gusts up to 35 knots were reported at Grove Point.				

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- POINT LOOKOUT (PTL) [38.04, -76.32]				
	07/22/18 16:24 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	07/22/18 16:29 EST		0	Source: Buoy
Wind gusts in excess of 30 knots were reported at Point Lookout.				
TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- PINEY POINT (PPTM2) [38.13, -76.53]				
	07/22/18 16:30 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	07/22/18 16:30 EST		0	Source: Buoy
Wind gusts in excess of 30 knots were reported at Piney Point.				
TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- POTOMAC POINT LOOKOUT BUOY (44042) [38.03, -76.34]				
	07/22/18 16:30 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	07/22/18 16:30 EST		0	Source: Buoy
Wind gusts in excess of 30 knots were reported at Potomac Point.				
CHESAPEAKE BAY DRUM PT TO SMITH PT VA COUNTY --- LOWER HOOPERS ISLAND (HPR) [38.26, -76.18]				
	07/22/18 16:48 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	07/22/18 16:48 EST		0	Source: Buoy
Wind gusts in excess of 30 knots were reported at Lower Hooper Island.				
TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY --- BISHOPS HEAD (BISM2) [38.22, -76.04]				
	07/22/18 16:48 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	07/22/18 16:48 EST		0	Source: Buoy
Wind gusts in excess of 30 knots were reported at Bishops Head.				
TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- 3.3 ESE LEESYLVANIA STATE PARK (LSLVN) [38.64, -77.20]				
	07/22/18 19:58 EST		0	Marine Thunderstorm Wind (MG 37 kt)
	07/22/18 19:58 EST		0	Source: Buoy
A wind gust of 37 knots was reported at Occoquon Creek.				
A cutoff low from the jet stream developed just to our west on the 22nd. Some thunderstorms produced gusty winds due to an unstable atmosphere and stronger winds that were able to mix down from aloft.				
TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- QUANTICO (KNYG) [38.51, -77.30]				
	07/23/18 05:32 EST		0	Marine Thunderstorm Wind (MG 35 kt)
	07/23/18 05:32 EST		0	Source: AWOS
A wind gust of 35 knots was reported at Quantico.				
CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- 0.9 SE GREENBERRY POINT (GBY) [38.96, -76.45]				
	07/23/18 12:10 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	07/23/18 12:10 EST		0	Source: Buoy
A wind gust in excess of 30 knots was reported at Annapolis Buoy.				
CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- THOMAS POINT (TPLM2) [38.90, -76.44]				
	07/23/18 13:00 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	07/23/18 13:00 EST		0	Source: Buoy
A wind gust in excess of 30 knots was reported at Thomas Point Lighthouse.				
CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- GREENBERRY POINT (GBY) [38.97, -76.46]				
	07/23/18 13:19 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	07/23/18 13:19 EST		0	Source: Buoy
A wind gust in excess of 30 knots was reported at Greenberry Point.				

Storm Data and Unusual Weather Phenomena - July 2018

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- TOLLY POINT (TOL) [38.94, -76.44]				
	07/23/18 13:21 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	07/23/18 13:21 EST		0	Source: Buoy
A wind gust in excess of 30 knots was reported at Tolly Point.				
PATAPSCO RIVER INCLUDING BALTIMORE HARBOR COUNTY --- BALTIMORE KEY BRIDGE (FSKM2) [39.22, -76.53]				
	07/23/18 13:24 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	07/23/18 13:24 EST		0	Source: Buoy
A wind gust in excess of 30 knots was reported at Key Bridge.				
PATAPSCO RIVER INCLUDING BALTIMORE HARBOR COUNTY --- MORRELL PARK SCHOOL (BLTIM) [39.26, -76.65]				
	07/23/18 13:25 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	07/23/18 13:25 EST		0	Source: Mesonet
A wind gust in excess of 30 knots was reported at Morrell Park School.				
PATAPSCO RIVER INCLUDING BALTIMORE HARBOR COUNTY --- ORIOLE PARK AT CAMDEN YARDS (BLTPC) [39.28, -76.62]				
	07/23/18 13:25 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	07/23/18 13:25 EST		0	Source: Mesonet
A wind gust in excess of 30 knots was reported at Oriole Park.				
A cutoff low from the jet stream remained just to our west on the 23rd. Some thunderstorms produced gusty winds due to an unstable atmosphere and stronger winds that were able to mix down from aloft.				
CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- ANNAPOLIS (KNAK) [38.98, -76.48]				
	07/24/18 09:04 EST		0	Marine Thunderstorm Wind (MG 36 kt)
	07/24/18 09:04 EST		0	Source: ASOS
A wind gust of 36 knots was reported at Annapolis.				
PATAPSCO RIVER INCLUDING BALTIMORE HARBOR COUNTY --- BALTIMORE KEY BRIDGE (FSKM2) [39.22, -76.53]				
	07/24/18 09:36 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	07/24/18 09:36 EST		0	Source: Buoy
Wind gusts in excess of 30 knots were reported at Key Bridge.				
CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- TOLLY POINT (TOL) [38.94, -76.44]				
	07/24/18 09:46 EST		0	Marine Thunderstorm Wind (MG 35 kt)
	07/24/18 09:51 EST		0	Source: Buoy
Wind gusts up to 35 knots were reported at Tolly Point.				
CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- 0.9 SE GREENBERRY POINT (GBY) [38.96, -76.45]				
	07/24/18 09:50 EST		0	Marine Thunderstorm Wind (MG 35 kt)
	07/24/18 09:50 EST		0	Source: Buoy
A wind gust of 35 knots was reported at Greenberry Point.				
CHESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY --- 2.6 S MID BAY BUOY [38.43, -76.39]				
	07/24/18 09:54 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	07/24/18 09:54 EST		0	Source: Buoy
Wind gusts in excess of 30 knots were reported at Cove Point.				
CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- THOMAS POINT (TPLM2) [38.90, -76.44]				
	07/24/18 10:00 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	07/24/18 10:00 EST		0	Source: Buoy
A wind gust of 34 knots was reported at Thomas Point Lighthouse.				

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY --- BISHOPS HEAD (BISM2) [38.22, -76.04]				
	07/24/18 10:18 EST	0		Marine Thunderstorm Wind (MG 35 kt)
	07/24/18 10:18 EST	0		Source: Buoy
A wind gust of 35 knots was reported at Bishops Head.				
A cutoff low from the jet stream remained just to our west on the 24th. Some thunderstorms produced gusty winds due to an unstable atmosphere and stronger winds that were able to mix down from aloft.				
TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- MONROE CREEK (MON) [38.23, -76.95]				
	07/27/18 12:46 EST	0		Marine Thunderstorm Wind (MG 36 kt)
	07/27/18 13:21 EST	0		Source: Buoy
Wind gusts up to 36 knots were reported at Monroe Creek.				
TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- COBB POINT (COB) [38.24, -76.83]				
	07/27/18 13:19 EST	0		Marine Thunderstorm Wind (MG 45 kt)
	07/27/18 13:29 EST	0		Source: Buoy
Wind gusts up to 45 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]				
	07/27/18 13:58 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	07/27/18 13:58 EST	0		Source: Buoy
Wind gusts in excess of 30 knots were reported at Pylons DAH.				
TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- CUCKOLD CREEK (CCK) [38.31, -76.93]				
	07/27/18 14:00 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	07/27/18 14:00 EST	0		Source: Buoy
Wind gusts in excess of 30 knots were reported at Cuckold Creek.				
TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- POTOMAC LIGHT 33 (LT3) [38.34, -76.99]				
	07/27/18 14:01 EST	0		Marine Thunderstorm Wind (MG 50 kt)
	07/27/18 14:26 EST	0		Source: Buoy
Wind gusts in excess of 50 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]				
	07/27/18 14:03 EST	0		Marine Thunderstorm Wind (MG 47 kt)
	07/27/18 14:08 EST	0		Source: Buoy
A wind gust of 47 knots was reported at Pylons DAH.				
TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- CUCKOLD CREEK (CCK) [38.31, -76.93]				
	07/27/18 14:05 EST	0		Marine Thunderstorm Wind (MG 38 kt)
	07/27/18 14:10 EST	0		Source: Buoy
Wind gusts of 34 to 38 knots were reported Cuckold Creek.				
TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- 0.8 NNW BABAR POINT (BAB) [38.32, -77.04]				
	07/27/18 14:07 EST	0		Marine Thunderstorm Wind (MG 48 kt)
	07/27/18 14:07 EST	0		Source: Buoy
A wind gust of 48 knots were reported at Baber Point.				
TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- 20.9 N ST INIGOES (KNUI) [38.43, -76.39]				
	07/27/18 14:36 EST	0		Marine Thunderstorm Wind (MG 38 kt)
	07/27/18 14:36 EST	0		Source: Buoy
A wind gust of 38 knots was reported at Cove Point.				

Storm Data and Unusual Weather Phenomena - July 2018

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
CHESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY --- 29.5 N ST INIGOES (KNUI) [38.56, -76.41]				
	07/27/18 14:50 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	07/27/18 14:50 EST	0		Source: Buoy
A wind gust in excess of 30 knots was reported at Gooses Reef.				
CHOPTANK RIVER TO CAMBRIDGE MD AND THE LITTLE CHOPTANK RIVER COUNTY --- 9.1 NNE GOOSES REEF BUOY (44062) [38.68, -76.33]				
	07/27/18 14:59 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	07/27/18 14:59 EST	0		Source: Buoy
A wind gust in excess of 30 knots was reported at Black Walnut Harbor.				
TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- POTOMAC POINT LOOKOUT BUOY (44042) [38.03, -76.34]				
	07/27/18 15:00 EST	0		Marine Thunderstorm Wind (MG 39 kt)
	07/27/18 15:10 EST	0		Source: Buoy
Wind gusts of 37 to 39 knots were reported at Potomac Point Lookout.				
TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- POINT LOOKOUT (PTL) [38.04, -76.32]				
	07/27/18 15:04 EST	0		Marine Thunderstorm Wind (MG 39 kt)
	07/27/18 15:09 EST	0		Source: Buoy
Wind gusts of 36 to 39 knots were reported at Point Lookout.				
TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- POTOMAC POINT LOOKOUT BUOY (44042) [38.03, -76.34]				
	07/27/18 15:20 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	07/27/18 15:20 EST	0		Source: Buoy
Wind gusts in excess of 30 knots were reported at Potomac Point Lookout.				
CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- TOLLY POINT (TOL) [38.94, -76.44]				
	07/27/18 15:26 EST	0		Marine Thunderstorm Wind (MG 47 kt)
	07/27/18 15:41 EST	0		Source: Buoy
Wind gusts of 34 to 47 knots were reported at Tolly Point.				
CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- GREENBERRY POINT (GBY) [38.97, -76.46]				
	07/27/18 15:29 EST	0		Marine Thunderstorm Wind (MG 38 kt)
	07/27/18 15:39 EST	0		Source: Buoy
Wind gusts up to 38 knots were reported at Greenberry Point.				
CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- 0.9 SE GREENBERRY POINT (GBY) [38.96, -76.45]				
	07/27/18 15:30 EST	0		Marine Thunderstorm Wind (MG 35 kt)
	07/27/18 15:40 EST	0		Source: Buoy
Wind gusts up to 35 knots were reported at the Annapolis Buoy.				
CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- KENT ISLAND (KNT) [38.92, -76.36]				
	07/27/18 15:32 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	07/27/18 15:37 EST	0		Source: AWOS
Wind gusts in excess of 30 knots were reported at Kent Island.				
TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- POTOMAC POINT LOOKOUT BUOY (44042) [38.03, -76.34]				
	07/27/18 15:40 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	07/27/18 15:40 EST	0		Source: Buoy
Wind gusts in excess of 30 knots were reported at Potomac Point Lookout.				
CHESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY --- GOOSES REEF BUOY (44062) [38.56, -76.41]				

Storm Data and Unusual Weather Phenomena - July 2018

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/27/18 16:00 EST		0	Marine Thunderstorm Wind (MG 41 kt)
	07/27/18 16:10 EST		0	Source: Buoy

Wind gusts of 37 to 41 knots were reported at Gooses Reef.

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

	07/27/18 16:00 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	07/27/18 16:00 EST		0	Source: Buoy

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

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

	07/27/18 16:27 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	07/27/18 16:27 EST		0	Source: Buoy

Wind gusts in excess of 30 knots were reported at Hart Miller.

PATAPSCO RIVER INCLUDING BALTIMORE HARBOR COUNTY --- 0.3 NNW ORIOLE PARK AT CAMDEN YARDS (BLTPC) [39.28, -76.62]

	07/27/18 16:30 EST		0	Marine Hail (1.25 in)
	07/27/18 16:30 EST		0	Source: Public

Half dollar sized hail was reported near Baltimore.

CHESAPEAKE BAY N OF POOLES IS MD COUNTY --- GROVE POINT (GVP) [39.40, -76.04]

	07/27/18 17:16 EST		0	Marine Thunderstorm Wind (MG 35 kt)
	07/27/18 17:26 EST		0	Source: Buoy

Wind gusts up to 35 knots were reported at Grove Point.

A cold front passed through the area on the 27th. Ahead of the boundary, a southerly flow led to plenty of moisture an unstable atmosphere. A potent upper-level low caused stronger winds aloft as well. Some thunderstorms associated with the cold front produced gusty winds due to the instability and stronger winds aloft.

DISTRICT OF COLUMBIA

(DC-Z001) DISTRICT OF COLUMBIA

	07/02/18 11:00 EST		0	Heat
	07/02/18 19:00 EST		0	

An upper-level high along with surface high over the western Atlantic led to hot and humid conditions.

DISTRICT OF COLUMBIA COUNTY

	07/03/18 13:00 EST		0	Excessive Heat
	07/03/18 19:00 EST		0	Source: ASOS

Heat indices were around 110 degrees.

An upper-level high along with surface high over the western Atlantic led to hot and humid conditions.

DISTRICT OF COLUMBIA COUNTY --- 1.3 SW WALTER REED [38.97, -77.05], 1.2 SW WALTER REED [38.97, -77.05], 0.8 SW WALTER REED [38.97, -77.04], 0.6 WSW WALTER REED [38.98, -77.04], 0.7 WSW WALTER REED [38.98, -77.04], 1.0 SW WALTER REED [38.97, -77.05]

	07/21/18 19:19 EST		0	Flood (due to Heavy Rain)
	07/22/18 06:43 EST		0	Source: River/Stream Gage

The stream gage on Rock Creek in Washington DC exceeded the flood stage of 7 feet during the indicated time period. The peak level of 8.40 feet was observed at 3:45am EST on July 22nd. Valley Trail and other portions of Rock Creek Park flooded.

DISTRICT OF COLUMBIA COUNTY --- 0.5 WSW GEORGETOWN [38.92, -77.06], 0.4 WSW GEORGETOWN [38.92, -77.06], 0.4 WSW GEORGETOWN [38.92, -77.06], 0.4 WSW GEORGETOWN [38.92, -77.06]

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	07/21/18 21:15 EST		0	Flood (due to Heavy Rain)
	07/21/18 22:15 EST		0	Source: Broadcast Media

Rock Creek Parkway flooded and closed at Massachusetts Avenue.

DISTRICT OF COLUMBIA COUNTY --- 1.0 NNW LINCOLN MEMORIAL [38.89, -77.06], 1.0 NNW LINCOLN MEMORIAL [38.89, -77.06], 1.1 NNW LINCOLN MEMORIAL [38.90, -77.06], 1.1 NNW LINCOLN MEMORIAL [38.90, -77.06]

	07/22/18 14:12 EST		0	Flood (due to Heavy Rain)
	07/22/18 15:10 EST		0	Source: Broadcast Media

Flooding on Rock Creek Parkway between I-66 and the Kennedy Center forced the closure of the northbound lanes.

A coastal low pressure moved up the Atlantic seaboard. Copious moisture spread northward across the District of Columbia. Rainfall totals of 3 to 5 inches were observed, causing flooding, especially along Rock Creek.

DISTRICT OF COLUMBIA COUNTY --- 0.7 NE TENLEYTOWN [38.96, -77.06], 0.8 ENE TENLEYTOWN [38.96, -77.06], 0.8 ENE TENLEYTOWN [38.95, -77.06], 0.8 ENE TENLEYTOWN [38.95, -77.06]

	07/25/18 18:09 EST		0	Flash Flood (due to Heavy Rain)
	07/25/18 19:15 EST		0	Source: Broadcast Media

High rushing water reported over Broad Branch Road in Northwest DC with Broad Branch out of its banks.

DISTRICT OF COLUMBIA COUNTY --- 0.6 WSW WALTER REED [38.98, -77.04], 0.6 WSW WALTER REED [38.98, -77.04], 0.7 SW WALTER REED [38.97, -77.04], 0.8 SW WALTER REED [38.97, -77.04], 1.3 SW WALTER REED [38.97, -77.05], 1.3 SW WALTER REED [38.97, -77.05]

	07/25/18 18:24 EST		0	Flash Flood (due to Heavy Rain)
	07/25/18 19:47 EST		0	Source: River/Stream Gage

The USGS stream gage on Rock Creek at Sherrill Drive rapidly exceeded the 7 foot flood stage due to torrential rain, flooding the Valley Trail and other portions of Rock Creek Park. The peak level of 7.99 feet was observed at 6:45pm EST.

DISTRICT OF COLUMBIA COUNTY --- 2.3 SSE DALECARLIA RESERVOIR [38.92, -77.10], 2.3 SSE DALECARLIA RESERVOIR [38.92, -77.10], 2.4 SSE DALECARLIA RESERVOIR [38.92, -77.10], 2.3 SSE DALECARLIA RESERVOIR [38.92, -77.10]

	07/25/18 18:31 EST		0	Flash Flood (due to Heavy Rain)
	07/25/18 20:00 EST		0	Source: Law Enforcement

Canal Road NW flooded and closed between Arizona Avenue and MacArthur Boulevard.

DISTRICT OF COLUMBIA COUNTY --- 0.8 ENE TENLEYTOWN [38.95, -77.06], 0.8 ENE TENLEYTOWN [38.95, -77.06], 0.8 ENE TENLEYTOWN [38.95, -77.06], 0.8 ENE TENLEYTOWN [38.95, -77.06]

	07/25/18 18:49 EST		0	Flash Flood (due to Heavy Rain)
	07/25/18 20:00 EST		0	Source: Broadcast Media

A mail truck overturned in swift water on Broad Branch Road in Northwest DC near the Davenport Street/Grant Road intersection. The occupant was rescued.

Locally heavy rain fell in Washington DC on the afternoon of July 25th. This caused flash flooding at rush hour in the metro area.

MARYLAND, Central

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

	07/01/18 11:00 EST		0	Heat
	07/01/18 16:00 EST		0	

An upper-level high along with surface high over the western Atlantic led to hot and humid conditions.

(MD-Z003) WASHINGTON, (MD-Z004) FREDERICK, (MD-Z006) NORTHERN BALTIMORE, (MD-Z011) SOUTHERN BALTIMORE, (MD-Z013) PRINCE GEORGES, (MD-Z014) ANNE ARUNDEL, (MD-Z016) CHARLES, (MD-Z017) ST. MARY'S, (MD-Z018) CALVERT, (MD-Z502) CENTRAL AND EASTERN ALLEGANY, (MD-Z503) NORTHWEST MONTGOMERY, (MD-Z504) CENTRAL AND SOUTHEAST MONTGOMERY, (MD-Z505) NORTHWEST HOWARD, (MD-Z506) CENTRAL AND SOUTHEAST HOWARD, (MD-Z507) NORTHWEST HARFORD, (MD-Z508) SOUTHEAST HARFORD

Storm Data and Unusual Weather Phenomena - July 2018

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/02/18 11:00 EST		0	Heat
	07/02/18 19:00 EST		0	
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(MD-Z003) WASHINGTON, (MD-Z004) FREDERICK, (MD-Z005) CARROLL, (MD-Z006) NORTHERN BALTIMORE, (MD-Z016) CHARLES, (MD-Z017) ST. MARY'S, (MD-Z502) CENTRAL AND EASTERN ALLEGANY, (MD-Z503) NORTHWEST MONTGOMERY, (MD-Z505) NORTHWEST HOWARD, (MD-Z507) NORTHWEST HARFORD, (MD-Z508) SOUTHEAST HARFORD				
	07/03/18 11:00 EST		0	Heat
	07/03/18 19:00 EST		0	
<hr/>				
(MD-Z011) SOUTHERN BALTIMORE, (MD-Z013) PRINCE GEORGES, (MD-Z014) ANNE ARUNDEL, (MD-Z018) CALVERT, (MD-Z504) CENTRAL AND SOUTHEAST MONTGOMERY, (MD-Z506) CENTRAL AND SOUTHEAST HOWARD				
	07/03/18 13:00 EST	9	0	Excessive Heat
	07/03/18 19:00 EST		0	

Direct Fatalities: F????, M????

An upper-level high along with surface high over the western Atlantic led to hot and humid conditions.

HARFORD COUNTY --- 3.1 W PYLESVILLE [39.70, -76.43]

	07/03/18 19:14 EST		0	Thunderstorm Wind (EG 52 kt)
	07/03/18 19:14 EST		0	Source: 911 Call Center

Poles were down near the 1200 block of Harkins road. Trees were down near the 200 block of Wheeler School Road. A downed tree and wire were near the intersection of McFadden and Harkins Road.

HARFORD COUNTY --- 1.1 WSW PYLESVILLE [39.69, -76.39]

	07/03/18 19:16 EST		0	Thunderstorm Wind (EG 50 kt)
	07/03/18 19:16 EST		0	Source: 911 Call Center

A downed tree was across the road near the 4300 block of Graceton Road.

HARFORD COUNTY --- 1.3 WSW PYLESVILLE [39.69, -76.39]

	07/03/18 19:17 EST		0	Thunderstorm Wind (EG 50 kt)
	07/03/18 19:17 EST		0	Source: 911 Call Center

Tree and wires were down along Graceton Road just north of St. Marys Road.

HARFORD COUNTY --- 1.9 NNE JARRETTVILLE [39.62, -76.46]

	07/03/18 19:28 EST		0	Thunderstorm Wind (EG 50 kt)
	07/03/18 19:28 EST		0	Source: 911 Call Center

A downed tree was near the 1600 block of N. Bend Road.

HARFORD COUNTY --- 0.6 SW ROCKS [39.62, -76.43]

	07/03/18 19:40 EST		0	Thunderstorm Wind (EG 50 kt)
	07/03/18 19:40 EST		0	Source: 911 Call Center

A downed tree was blocking the road near the 3700 block of Rush Road.

HARFORD COUNTY --- 0.5 S POOLE [39.62, -76.25]

	07/03/18 19:45 EST		0	Thunderstorm Wind (EG 50 kt)
	07/03/18 19:45 EST		0	Source: 911 Call Center

A downed tree was near the 1600 block of Trappe Church Road.

HARFORD COUNTY --- 0.4 WSW GLENNVILLE [39.60, -76.23]

	07/03/18 19:50 EST		0	Thunderstorm Wind (EG 50 kt)
	07/03/18 19:50 EST		0	Source: 911 Call Center

Storm Data and Unusual Weather Phenomena - July 2018

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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A downed tree was blocking the road near the 1500 block of Glenville road.

A hot and humid air mass led to an unstable atmosphere. A few storms became severe.

HARFORD COUNTY --- 0.8 SSW PYLESVILLE [39.69, -76.37], 0.8 SSW PYLESVILLE [39.69, -76.37], 0.8 SSW PYLESVILLE [39.69, -76.37], 0.8 SSW PYLESVILLE [39.69, -76.37]

07/03/18 19:21 EST	0	Flood (due to Heavy Rain)
07/03/18 21:00 EST	0	Source: 911 Call Center

Flooding reported in the 900 block of Old Pylesville Road in Pylesville forced the closure of the road.

HARFORD COUNTY --- 2.0 NW STREET [39.69, -76.41], 1.9 NW STREET [39.69, -76.41], 1.8 WNW STREET [39.68, -76.41], 1.9 WNW STREET [39.68, -76.41]

07/03/18 21:44 EST	0	Flood (due to Heavy Rain)
07/03/18 23:30 EST	0	Source: 911 Call Center

High water over the roadway in the 4900 block of Rocks Road (Maryland Route 24) forced the closure of the road.

Isolated heavy rain developed in Harford County Maryland during the evening of July 3rd. Up to two inches was observed, which caused isolated flooding.

(MD-Z003) WASHINGTON

07/04/18 11:00 EST	0	Heat
07/04/18 14:00 EST	0	

An upper-level high along with surface high over the western Atlantic led to hot and humid conditions.

(MD-Z011) SOUTHERN BALTIMORE, (MD-Z013) PRINCE GEORGES, (MD-Z014) ANNE ARUNDEL

07/16/18 11:00 EST	5	0	Heat
07/16/18 17:00 EST		0	

Direct Fatalities: M????, U????

Upper-level high pressure nearby and surface high pressure to our south and east caused hot and humid conditions.

(MD-Z013) PRINCE GEORGES, (MD-Z014) ANNE ARUNDEL, (MD-Z508) SOUTHEAST HARFORD

07/17/18 11:00 EST	4	0	Heat
07/17/18 17:00 EST		0	

Direct Fatalities: F????, M????

A southerly flow caused hot and humid conditions.

HARFORD COUNTY --- 0.6 N ABINGDON [39.48, -76.27]

07/17/18 13:47 EST	0	Thunderstorm Wind (EG 50 kt)
07/17/18 13:47 EST	0	Source: 911 Call Center

A tree was down on wires.

HARFORD COUNTY --- 1.9 NNW CHURCHVILLE [39.60, -76.26]

07/17/18 14:11 EST	0	Thunderstorm Wind (EG 50 kt)
07/17/18 14:11 EST	0	Source: 911 Call Center

A tree was down on wires along State Route 136.

PRINCE GEORGE'S COUNTY --- 1.0 SSW TEMPLE HILLS [38.81, -76.96]

Storm Data and Unusual Weather Phenomena - July 2018

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/17/18 14:42 EST		0	Thunderstorm Wind (EG 50 kt)
	07/17/18 14:42 EST		0	Source: Trained Spotter
A tree six inches in diameter was down blocking a lane of traffic on Brinkley Road.				
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CALVERT COUNTY --- 0.6 NNW CHESAPEAKE BEACH [38.69, -76.54]	07/17/18 15:17 EST		0	Thunderstorm Wind (EG 50 kt)
	07/17/18 15:17 EST		0	Source: 911 Call Center
A tree was down in Chesapeake Beach.				
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CALVERT COUNTY --- 0.1 SSW PORT REPUBLIC [38.50, -76.53]	07/17/18 15:38 EST		0	Thunderstorm Wind (EG 50 kt)
	07/17/18 15:38 EST		0	Source: 911 Call Center
There were several reports of trees down in the Port Republic Area.				
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WASHINGTON COUNTY --- 0.6 SE FOUNTAIN HEAD [39.67, -77.72]	07/17/18 19:00 EST		0	Thunderstorm Wind (EG 50 kt)
	07/17/18 19:00 EST		0	Source: 911 Call Center
A downed tree on wires was located near the 1000 Block of Columbia Road.				
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WASHINGTON COUNTY --- 1.6 ESE FIERY SIDING [39.59, -77.70]	07/17/18 19:08 EST		0	Thunderstorm Wind (EG 50 kt)
	07/17/18 19:08 EST		0	Source: 911 Call Center
A downed tree was on wires near the 10000 Block of Garis Shop Road.				
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FREDERICK COUNTY --- 1.7 SW WOLFVILLE [39.56, -77.57]	07/17/18 19:15 EST		0	Thunderstorm Wind (EG 50 kt)
	07/17/18 19:15 EST		0	Source: Department of Highways
A tree was down near the intersection off Pleasant Walk Road and Easterday Road.				
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FREDERICK COUNTY --- 2.4 W ELLERTON [39.53, -77.59]	07/17/18 19:18 EST		0	Thunderstorm Wind (EG 50 kt)
	07/17/18 19:18 EST		0	Source: Department of Highways
A tree was down on Mt. Tabor Road and there were downed trees near the crossroad of Pleasant Walk Road and Route 40.				
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FREDERICK COUNTY --- 0.6 WSW HARMONY [39.50, -77.54]	07/17/18 19:23 EST		0	Thunderstorm Wind (EG 50 kt)
	07/17/18 19:23 EST		0	Source: County Official
Two trees were down at a residence and there were downed trees near the crossroad of Brethren Church Road and Route 40.				
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FREDERICK COUNTY --- 2.0 SSE HARMONY [39.47, -77.52]	07/17/18 19:27 EST		0	Thunderstorm Wind (EG 50 kt)
	07/17/18 19:27 EST		0	Source: Department of Highways
A tree was down near the intersection of Hollow Road and Hawbottom Road.				
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FREDERICK COUNTY --- 2.2 SSW BRADDOCK HGTS [39.40, -77.51]	07/17/18 19:35 EST		0	Thunderstorm Wind (EG 50 kt)
	07/17/18 19:35 EST		0	Source: 911 Call Center
There were downed trees near the 4000 Block of Cherry Lane.				
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FREDERICK COUNTY --- 0.8 NW FEAGAVILLE [39.39, -77.49]	07/17/18 19:37 EST		0	Thunderstorm Wind (EG 50 kt)
	07/17/18 19:37 EST		0	Source: 911 Call Center

Storm Data and Unusual Weather Phenomena - July 2018

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
There were downed trees near the crossroad of Mount Phillip Road and Mount Zion Road.				
FREDERICK COUNTY --- URBANA [39.33, -77.35]				
	07/17/18 19:51 EST	0		Thunderstorm Wind (EG 50 kt)
	07/17/18 19:51 EST	0		Source: Department of Highways
Multiple trees and branches were down in roadways in the Urbana Area.				
FREDERICK COUNTY --- 0.1 NW MONROVIA [39.37, -77.27]				
	07/17/18 19:54 EST	0		Thunderstorm Wind (EG 50 kt)
	07/17/18 19:54 EST	0		Source: 911 Call Center
A downed tree fell into a house in Monrovia.				
A cold front passed through on the 17th, and southwest winds ahead of the boundary led to an unstable atmosphere. The instability combined with the lift from the cold front to produce severe thunderstorms.				
ANNE ARUNDEL COUNTY --- 0.9 SW GARLAND [39.16, -76.66], 0.7 SE (BWI)BALTMOR-WSHNGTN [39.16, -76.66], 0.5 SW GARLAND [39.16, -76.66], 0.6 SW GARLAND [39.16, -76.66]				
	07/17/18 14:00 EST	0		Flood (due to Heavy Rain)
	07/17/18 16:00 EST	0		Source: Department of Highways
High water of unknown depth forced the closure of Maryland 176 between Wirth Road and WB&A Road.				
ANNE ARUNDEL COUNTY --- 0.3 E NORTH LINTHICUM [39.22, -76.64], 0.3 ENE NORTH LINTHICUM [39.22, -76.64], 0.4 ENE NORTH LINTHICUM [39.22, -76.64], 0.3 E NORTH LINTHICUM [39.22, -76.64]				
	07/17/18 14:10 EST	0		Flash Flood (due to Heavy Rain)
	07/17/18 16:00 EST	0		Source: Department of Highways
Nursery Road flooded and closed near Maryland 648 due to rapidly rising water.				
ANNE ARUNDEL COUNTY --- 0.8 S NORTH LINTHICUM [39.21, -76.65], 0.8 S NORTH LINTHICUM [39.21, -76.65], 0.8 S NORTH LINTHICUM [39.21, -76.65], 0.8 S NORTH LINTHICUM [39.21, -76.65]				
	07/17/18 14:13 EST	0		Flood (due to Heavy Rain)
	07/17/18 16:00 EST	0		Source: Department of Highways
The ramp from the Baltimore Beltway to Camp Meade Road at Exit 6A was flooded and closed.				
ANNE ARUNDEL COUNTY --- 0.1 W GLEN BURNIE [39.17, -76.63], 0.1 WNW GLEN BURNIE [39.17, -76.63], 0.1 WNW GLEN BURNIE [39.17, -76.63], 0.1 W GLEN BURNIE [39.17, -76.63]				
	07/17/18 14:21 EST	0		Flash Flood (due to Heavy Rain)
	07/17/18 16:15 EST	0		Source: Department of Highways
Dorsey Road (Maryland 176) reported flooded in both directions and closed near Sawmill Creek at Route 648 due to rapidly rising water.				
BALTIMORE COUNTY --- 1.1 N POPLAR [39.37, -76.45], 1.1 N POPLAR [39.37, -76.45], 1.0 N POPLAR [39.36, -76.45], 1.0 N POPLAR [39.36, -76.45]				
	07/17/18 14:50 EST	0		Flood (due to Heavy Rain)
	07/17/18 17:00 EST	0		Source: Department of Highways
Philadelphia Road flooded and closed south of Campbell Boulevard.				
HARFORD COUNTY --- 0.7 ENE EMMORTON [39.50, -76.31], 0.7 ENE EMMORTON [39.50, -76.31], 0.8 ENE EMMORTON [39.50, -76.31], 0.7 ENE EMMORTON [39.50, -76.31]				
	07/17/18 15:10 EST	0		Flood (due to Heavy Rain)
	07/17/18 17:00 EST	0		Source: 911 Call Center
One foot of water over the roadway on Wheel Road near Cedar Lane.				
Heavy rain developed in the DC/Baltimore corridor during the afternoon of July 17th ahead of an approaching cold front. Rainfall of 1 to 3 inches caused flooding and isolated flash flooding, mainly in the Baltimore metro area.				
ANNE ARUNDEL COUNTY --- 1.3 N RUTLAND [38.99, -76.63], 1.3 NNE RUTLAND [38.99, -76.63], 1.3 NNE RUTLAND [38.99, -76.62], 1.3 NNE RUTLAND [38.99, -76.62]				

Storm Data and Unusual Weather Phenomena - July 2018

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/21/18 16:19 EST		0	Flood (due to Heavy Rain)
	07/21/18 18:00 EST		0	Source: Broadcast Media

Maryland Route 450 (Defense Highway) flooded and closed near Saint Stephens Church Road.

MONTGOMERY COUNTY --- 0.5 NNW CARDEROCK SPGS [39.01, -77.18], 0.5 NNW CARDEROCK SPGS [39.01, -77.17], 0.5 NNW CARDEROCK SPGS [39.01, -77.17], 0.5 NNW CARDEROCK SPGS [39.01, -77.17]

	07/21/18 18:51 EST		0	Flood (due to Heavy Rain)
	07/21/18 21:00 EST		0	Source: Broadcast Media

Maryland Route 191 (Bradley Boulevard) flooded, with water flowing across the road, and was closed north of River Road.

MONTGOMERY COUNTY --- 0.8 N SENECA [39.09, -77.33], 0.8 N SENECA [39.09, -77.33], 0.8 N SENECA [39.09, -77.33], 0.8 N SENECA [39.09, -77.33]

	07/21/18 20:29 EST		0	Flood (due to Heavy Rain)
	07/22/18 12:29 EST		0	Source: River/Stream Gage

The stream gage on Seneca Creek near Dawsonville exceeded the 7.5 foot flood stage during the indicated period. The peak level of 10.84 feet occurred at 1:15am EST on July 22nd. Berryville Road floods near Darnestown and creekside trails are also flooded at these levels. This crest was the highest observed since 2014.

FREDERICK COUNTY --- 0.9 NNW LIME KILN [39.36, -77.43], 0.8 NNW LIME KILN [39.36, -77.44], 0.8 NNW LIME KILN [39.36, -77.44], 0.8 NNW LIME KILN [39.36, -77.43]

	07/21/18 20:30 EST		0	Flood (due to Heavy Rain)
	07/21/18 22:30 EST		0	Source: 911 Call Center

Lime Kiln Way flooded and closed near English Muffin Way.

MONTGOMERY COUNTY --- 0.7 NNE CARDEROCK SPGS [39.01, -77.17], 0.7 NNE CARDEROCK SPGS [39.01, -77.17], 0.7 NNE CARDEROCK SPGS [39.01, -77.17], 0.7 NNE CARDEROCK SPGS [39.01, -77.17]

	07/21/18 20:35 EST		0	Flash Flood (due to Heavy Rain)
	07/21/18 22:00 EST		0	Source: Law Enforcement

Water rescue during torrential rainfall on Bradley Boulevard near Kentsdale Drive.

CHARLES COUNTY --- 1.7 N HILL TOP [38.50, -77.11], 3.1 E BRYANS ROAD [38.63, -77.01], 1.7 ESE MATTAWOMAN [38.64, -76.85], 0.7 SW DENTSVILLE [38.47, -76.91]

	07/21/18 21:00 EST		0	Flash Flood (due to Heavy Rain)
	07/21/18 23:00 EST		0	Source: 911 Call Center

Dozens of roads were flooded across the county due to torrential rainfall.

FREDERICK COUNTY --- 0.6 SE WALKERSVILLE [39.47, -77.34], 0.7 SE WALKERSVILLE [39.47, -77.34], 0.7 SE WALKERSVILLE [39.47, -77.34], 0.6 SE WALKERSVILLE [39.47, -77.34]

	07/21/18 21:33 EST		0	Flood (due to Heavy Rain)
	07/21/18 22:30 EST		0	Source: Fire Department/Rescue

Water rescue reported on Crum Road at Israel Creek.

MONTGOMERY COUNTY --- 1.2 N BURDETTS [39.22, -77.32], 1.3 N BURDETTS [39.22, -77.32], 1.3 N BURDETTS [39.22, -77.32], 1.2 N BURDETTS [39.22, -77.32]

	07/21/18 21:36 EST		0	Flash Flood (due to Heavy Rain)
	07/21/18 23:00 EST		0	Source: River/Stream Gage

The USGS stream gage on Tenmile Creek near Boyds rapidly exceeded the 7 foot flood stage during the indicated period. The peak level of 7.77 feet occurred at 10:30pm EST. Old Baltimore Road was flooded along with nearby agricultural land.

MONTGOMERY COUNTY --- 0.7 NNW CLOPPER [39.16, -77.23], 0.7 NNW CLOPPER [39.16, -77.23], 0.7 NNW CLOPPER [39.16, -77.23], 0.7 NNW CLOPPER [39.16, -77.23]

	07/21/18 21:38 EST		0	Flash Flood (due to Heavy Rain)
	07/21/18 22:30 EST		0	Source: Fire Department/Rescue

Vehicle stranded in high water after torrential rains on Game Preserve Road near I-270.

Storm Data and Unusual Weather Phenomena - July 2018

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
MONTGOMERY COUNTY --- 0.5 SE CLOPPER [39.14, -77.22], 0.5 SE CLOPPER [39.14, -77.22], 0.6 SE CLOPPER [39.14, -77.22], 0.6 SE CLOPPER [39.14, -77.22]				
	07/21/18 21:46 EST		0	Flood (due to Heavy Rain)
	07/21/18 23:00 EST		0	Source: Emergency Manager
Clopper Road flooded and closed near Firstfield Road. Around 18 inches of standing water reported in the area.				
FREDERICK COUNTY --- 0.6 ENE THURMONT [39.62, -77.41], 0.6 ENE THURMONT [39.62, -77.41], 0.6 ENE THURMONT [39.62, -77.41], 0.6 ENE THURMONT [39.62, -77.41]				
	07/21/18 21:47 EST		0	Flood (due to Heavy Rain)
	07/21/18 23:00 EST		0	Source: Fire Department/Rescue
High water was reported on Main Street in the 100 block, causing a road closure.				
MONTGOMERY COUNTY --- 1.7 WSW HUNTING HILL [39.09, -77.25], 1.6 WSW HUNTING HILL [39.09, -77.25], 1.6 WSW HUNTING HILL [39.09, -77.25], 1.6 WSW HUNTING HILL [39.09, -77.25]				
	07/21/18 22:00 EST		0	Flash Flood (due to Heavy Rain)
	07/21/18 23:00 EST		0	Source: Fire Department/Rescue
A swift water rescue occurred on Quince Orchard Road near Muddy Branch.				
ST. MARY'S COUNTY --- 0.4 NNE GREAT MILLS [38.24, -76.50], 0.5 N GREAT MILLS [38.24, -76.50], 0.5 NNE GREAT MILLS [38.24, -76.50], 0.4 NNE GREAT MILLS [38.24, -76.50]				
	07/21/18 22:00 EST		0	Flood (due to Heavy Rain)
	07/22/18 00:18 EST		0	Source: River/Stream Gage
The USGS stream gage on St. Mary's River at Great Mills exceeded the 6 foot flood stage during the indicated period. The peak level of 6.19 feet occurred at 11:00pm EST on July 21st. Yards were flooded in the area, with water approaching Flat Iron Road.				
MONTGOMERY COUNTY --- 0.8 S PARKWOOD [39.01, -77.08], 0.7 S PARKWOOD [39.01, -77.08], 0.8 SSE PARKWOOD [39.01, -77.08], 0.8 SSE PARKWOOD [39.01, -77.08]				
	07/21/18 22:06 EST		0	Flash Flood (due to Heavy Rain)
	07/21/18 23:00 EST		0	Source: Fire Department/Rescue
A swift water rescue occurred on Beach Drive near Kensington Parkway along Rock Creek.				
ANNE ARUNDEL COUNTY --- 1.2 SSE ARUNDEL GARDENS [39.18, -76.61], 1.2 SSE ARUNDEL GARDENS [39.18, -76.61], 1.2 SSE ARUNDEL GARDENS [39.18, -76.62], 0.2 WSW GLEN BURNIE [39.17, -76.63], 0.2 WSW GLEN BURNIE [39.17, -76.63], 0.1 ESE GLEN BURNIE [39.17, -76.63]				
	07/21/18 22:14 EST		0	Flood (due to Heavy Rain)
	07/22/18 04:23 EST		0	Source: Department of Highways
The USGS stream gage on Sawmill Creek at Glen Burnie exceeded the 5 foot flood stage during the indicated period. The peak level of 6.80 feet occurred at 11:45pm EST. Central Avenue was flooded. For a portion of the time, near the peak, Crain Highway was reported flooded and closed at Sawmill Creek, and water covered the Northwest Baltimore and Annapolis Trail.				
FREDERICK COUNTY --- 1.2 SE URBANA [39.32, -77.33], 1.3 SE URBANA [39.32, -77.33], 1.3 SE URBANA [39.32, -77.33], 1.2 SE URBANA [39.32, -77.33]				
	07/21/18 22:14 EST		0	Flood (due to Heavy Rain)
	07/21/18 23:45 EST		0	Source: Fire Department/Rescue
Urbana Pike flooded and closed near Big Woods Road at Bennett Creek.				
MONTGOMERY COUNTY --- 1.2 ESE CLARKSBURG [39.22, -77.26], 1.3 ESE CLARKSBURG [39.22, -77.26], 1.3 ESE CLARKSBURG [39.22, -77.26], 1.2 ESE CLARKSBURG [39.22, -77.26]				
	07/21/18 22:23 EST		0	Flash Flood (due to Heavy Rain)
	07/21/18 23:15 EST		0	Source: Fire Department/Rescue
A swift water rescue was performed on Frederick Road (Maryland State Route 355) at Little Seneca Creek.				
BALTIMORE COUNTY --- 0.8 SSE HALETHORPE [39.24, -76.69], 0.8 SSE HALETHORPE [39.24, -76.69], 0.8 NNE RELAY [39.24, -76.69], 0.7 NE RELAY [39.24, -76.69], 0.7 NNE RELAY [39.24, -76.69]				

Storm Data and Unusual Weather Phenomena - July 2018

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/21/18 22:30 EST		0	Flash Flood (due to Heavy Rain)
	07/21/18 23:40 EST		0	Source: River/Stream Gage

The USGS stream gage on East Branch Herbert Run near Arbutus rapidly rose well above flood stage during the indicated period. Flooding of yards and outbuildings was reported in the area. The peak level of 10.55 feet occurred at 10:45pm EST.

MONTGOMERY COUNTY --- 0.9 NW ROCK CREEK FOREST [38.99, -77.06], 0.9 NW ROCK CREEK FOREST [38.99, -77.06], 0.8 NW ROCK CREEK FOREST [38.99, -77.06], 0.8 NW ROCK CREEK FOREST [38.99, -77.06]

07/21/18 23:01 EST	0	Flood (due to Heavy Rain)
07/21/18 23:59 EST	0	Source: Fire Department/Rescue

Vehicle trapped in high water on Beach Drive near East-West Highway.

ANNE ARUNDEL COUNTY --- 0.7 W BALTIMORE HIGHLANDS [39.23, -76.66], 0.8 W BALTIMORE HIGHLANDS [39.23, -76.67], 0.6 ENE ST DENIS [39.22, -76.69], 0.6 SSW ST DENIS [39.21, -76.70], 0.7 S ST DENIS [39.21, -76.70], 1.2 E ST DENIS [39.22, -76.68], 1.0 WSW BALTIMORE HIGHLANDS [39.22, -76.67]

07/21/18 23:02 EST	0	Flood (due to Heavy Rain)
07/22/18 11:27 EST	0	Source: River/Stream Gage

The stream gage on the Patapsco River near Elkridge exceeded the 16 foot flood stage during the indicated period. The peak level of 17.43 feet was observed at 1:50am EST. Hammonds Ferry Road and Furnace Avenue were flooded.

BALTIMORE CITY (C) COUNTY --- 1.4 S WALBROOK [39.30, -76.67], 1.4 S WALBROOK [39.30, -76.67], 1.2 N FREDERICK RD [39.30, -76.67], 1.2 N FREDERICK RD [39.30, -76.67]

07/21/18 23:09 EST	0	Flash Flood (due to Heavy Rain)
07/22/18 01:30 EST	0	Source: River/Stream Gage

The USGS stream gage on Gwynns Falls in Baltimore rapidly exceeded the 13 foot flood stage during the indicated period. The peak level of 18.29 feet was observed at 12:15am EST on July 22nd. Gwynns Falls Park was flooded during this period.

BALTIMORE COUNTY --- 0.2 SW HALETHORPE [39.25, -76.70], 0.9 ENE HALETHORPE [39.25, -76.69], 0.8 NE WOODLAWN [39.33, -76.72], 1.7 W WOODLAWN [39.32, -76.76]

07/21/18 23:20 EST	0	Flash Flood (due to Heavy Rain)
07/22/18 00:45 EST	0	Source: 911 Call Center

Several different swift water rescues ongoing in the corridor between Arbutus and Woodlawn.

FREDERICK COUNTY --- 0.5 WSW RIDGEVILLE [39.37, -77.18], 0.6 SW RIDGEVILLE [39.37, -77.18], 0.6 WSW RIDGEVILLE [39.37, -77.18], 0.6 WSW RIDGEVILLE [39.37, -77.18]

07/21/18 23:53 EST	0	Flash Flood (due to Heavy Rain)
07/22/18 00:45 EST	0	Source: Fire Department/Rescue

Water rescue for vehicle stranded in rapidly rising water on Mill Bottom Road at Bush Creek.

CARROLL COUNTY --- 1.3 NNW KEYMAR [39.62, -77.24], 1.3 NNW KEYMAR [39.62, -77.24], 1.1 NNW KEYMAR [39.62, -77.24], 1.1 NNW KEYMAR [39.61, -77.24]

07/22/18 00:16 EST	0	Flood (due to Heavy Rain)
07/22/18 06:12 EST	0	Source: River/Stream Gage

Big Pipe Creek near Bruceville exceeded the 8 foot flood stage during the indicated period. The peak level of 10.43 feet was observed at 3:00am EST. Keysville-Bruceville Road was flooded.

ANNE ARUNDEL COUNTY --- 0.3 NNE RAYNOR HGTS [39.22, -76.67], 0.3 NNE RAYNOR HGTS [39.22, -76.67], 0.3 NNE RAYNOR HGTS [39.22, -76.67], 0.3 NNE RAYNOR HGTS [39.22, -76.67]

07/22/18 02:30 EST	0	Flood (due to Heavy Rain)
07/22/18 04:30 EST	0	Source: Emergency Manager

Nursery Road flooded and closed. Hammonds Ferry Road also flooded and closed nearby. A water rescue was reported in this same area.

FREDERICK COUNTY --- 5.9 E EMMITSBURG [39.70, -77.22], 6.1 E EMMITSBURG [39.70, -77.22], 6.2 E EMMITSBURG [39.70, -77.21], 6.2 E EMMITSBURG [39.70, -77.21], 6.1 E EMMITSBURG [39.70, -77.22]

07/22/18 03:32 EST	0	Flood (due to Heavy Rain)
07/22/18 13:48 EST	0	Source: River/Stream Gage

Storm Data and Unusual Weather Phenomena - July 2018

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<p>The USGS stream gage on the Monocacy River near Bridgeport exceeded the 13 foot flood stage during the indicated period. The peak level of 15.28 feet occurred at 9:30am EST. At these levels, Baptist Road near Bridgeport floods.</p>				
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MONTGOMERY COUNTY --- 0.6 NNW UNITY [39.24, -77.06], 0.7 NNW UNITY [39.24, -77.06], 0.7 NNW UNITY [39.24, -77.06], 0.6 NNW UNITY [39.24, -77.06], 0.6 NW UNITY [39.24, -77.06]				
	07/22/18 03:55 EST		0	Flood (due to Heavy Rain)
	07/22/18 06:59 EST		0	Source: River/Stream Gage
<p>The USGS stream gage on the Patuxent River near Unity exceeded the 8 foot flood stage during the indicated period. The peak level of 8.61 feet occurred at 6:00am EST. The parking lot for the Patuxent River State Park near Route 97 flooded.</p>				
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CARROLL COUNTY --- 0.2 NE UNION BRIDGE [39.57, -77.18], 0.3 NE UNION BRIDGE [39.57, -77.18], 0.3 NE UNION BRIDGE [39.57, -77.18], 0.3 NE UNION BRIDGE [39.57, -77.18]				
	07/22/18 04:57 EST		0	Flood (due to Heavy Rain)
	07/22/18 07:00 EST		0	Source: Department of Highways
<p>Maryland State Route 75 flooded and closed at Little Pipe Creek in Union Bridge.</p>				
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FREDERICK COUNTY --- 0.4 SE GROVE [39.40, -77.38], 0.5 S PEARL [39.39, -77.37], 0.8 NNW REELS MILL [39.38, -77.38], 0.4 W REELS MILL [39.37, -77.39], 1.2 E LIME KILN [39.35, -77.41], 1.0 ESE BUCKEYSTOWN [39.33, -77.41], 0.4 E BUCKEYSTOWN [39.33, -77.42], 1.2 NE LIME KILN [39.36, -77.41]				
	07/22/18 05:38 EST		0	Flood (due to Heavy Rain)
	07/23/18 06:58 EST		0	Source: River/Stream Gage
<p>The stream gage on the Monocacy River at I-70 near Frederick exceeded the 15 foot flood stage during the period indicated. The peak level of 17.62 feet was observed at 11:15pm EST on July 22nd. Pinecliff and Rivermist parks were flooded, along with portions of Monocacy Battlefield and Buckeystown Community Park.</p>				
<p>A coastal low pressure moved up the Atlantic seaboard. Copious moisture spread northward across much of North Central and Northeast Maryland. Rainfall totals of 3 to 6 inches were widespread, with isolated higher amounts, causing fairly widespread flooding.</p>				
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(MD-Z017) ST. MARY'S				
	07/21/18 19:25 EST		0	Coastal Flood
	07/21/18 21:35 EST		0	
<p>Strong onshore flow led to increased water level anomalies and coastal flooding.</p>				
<hr/>				
PRINCE GEORGE'S COUNTY --- 0.4 SSE UPPER MARLBORO [38.81, -76.75], 0.4 SSE UPPER MARLBORO [38.81, -76.75], 0.4 S UPPER MARLBORO [38.81, -76.75], 0.4 S UPPER MARLBORO [38.81, -76.75], 0.4 SSE UPPER MARLBORO [38.81, -76.75], 0.2 ESE UPPER MARLBORO [38.82, -76.75], 0.3 ESE UPPER MARLBORO [38.82, -76.75]				
	07/22/18 01:09 EST		0	Flood (due to Heavy Rain)
	07/23/18 10:00 EST		0	Source: River/Stream Gage
<p>The USGS stream gage on Western Branch at Upper Marlboro exceeded the 11 foot flood stage during the indicated period. Water Street was flooded throughout, and Race Track Road was flooded for a time. The peak level of 13.05 feet occurred at 8:30am EST on July 22nd.</p>				
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FREDERICK COUNTY --- 2.0 SE UTICA [39.51, -77.38], 2.0 SE UTICA [39.51, -77.38], 2.0 SE UTICA [39.51, -77.38], 2.0 SE UTICA [39.51, -77.38]				
	07/22/18 14:10 EST		0	Flood (due to Heavy Rain)
	07/22/18 16:00 EST		0	Source: Fire Department/Rescue
<p>Water rescue reported on Devilbiss Bridge Road at the Monocacy River.</p>				
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CALVERT COUNTY --- 0.9 W SUNDERLAND [38.67, -76.62], 0.8 W SUNDERLAND [38.67, -76.62], 0.8 W SUNDERLAND [38.67, -76.62], 0.9 W SUNDERLAND [38.67, -76.62]				
	07/22/18 14:12 EST		0	Flood (due to Heavy Rain)
	07/22/18 15:15 EST		0	Source: Law Enforcement
<p>Northbound Maryland Route 4 flooded and closed near Chew Creek.</p>				
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CALVERT COUNTY --- 1.4 S CHANEYVILLE [38.66, -76.65], 1.4 S CHANEYVILLE [38.66, -76.65], 1.4 S CHANEYVILLE [38.66, -76.65], 1.4 S CHANEYVILLE [38.66, -76.65]				

Storm Data and Unusual Weather Phenomena - July 2018

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/22/18 14:34 EST		0	Flood (due to Heavy Rain)
	07/22/18 15:00 EST		0	Source: Law Enforcement

A landslide was reported, which was blocking Briscoe Turn Road near Lower Marlboro Road.

CALVERT COUNTY --- 0.3 S RANDLE CLIFF BEACH [38.67, -76.53], 0.4 S RANDLE CLIFF BEACH [38.66, -76.53], 0.3 S RANDLE CLIFF BEACH [38.67, -76.53]

	07/22/18 14:41 EST		0	Flood (due to Heavy Rain)
	07/22/18 16:00 EST		0	Source: Law Enforcement

Maryland Route 261 was flooded and closed near Randle Cliff Beach.

CALVERT COUNTY --- 1.3 W BOWENS [38.50, -76.64], 1.3 WNW BOWENS [38.50, -76.64], 1.2 WNW BOWENS [38.50, -76.64], 1.2 W BOWENS [38.50, -76.64]

	07/22/18 14:55 EST		0	Flood (due to Heavy Rain)
	07/22/18 17:00 EST		0	Source: Law Enforcement

Sixes Road was flooded and closed south of Hallowing Point Road.

ST. MARY'S COUNTY --- 0.6 NNW HUNTERVILLE [38.48, -76.73], 0.6 NNW HUNTERVILLE [38.48, -76.73], 0.5 NNW HUNTERVILLE [38.48, -76.73], 0.5 NNW HUNTERVILLE [38.48, -76.73]

	07/22/18 15:09 EST		0	Flood (due to Heavy Rain)
	07/22/18 16:00 EST		0	Source: 911 Call Center

All Faith Church Road flooded and closed.

ST. MARY'S COUNTY --- 1.3 SSW HUNTERVILLE [38.45, -76.74], 1.2 SW HUNTERVILLE [38.46, -76.74], 1.2 SSW HUNTERVILLE [38.46, -76.74], 1.3 SSW HUNTERVILLE [38.45, -76.74]

	07/22/18 15:09 EST		0	Flood (due to Heavy Rain)
	07/22/18 16:00 EST		0	Source: 911 Call Center

Lockes Hill Road flooded and closed.

CALVERT COUNTY --- 1.6 NNW HUNTINGTOWN [38.64, -76.63], 1.7 NNW HUNTINGTOWN [38.64, -76.64], 1.6 NNW HUNTINGTOWN [38.64, -76.63], 1.6 NNW HUNTINGTOWN [38.64, -76.63]

	07/22/18 15:10 EST		0	Flood (due to Heavy Rain)
	07/22/18 16:30 EST		0	Source: Law Enforcement

Stoneleigh Court and Huntingtown Road impassable due to flooding.

CALVERT COUNTY --- 1.5 NNW HUNTINGTOWN [38.64, -76.63], 1.5 NNW HUNTINGTOWN [38.64, -76.63], 1.5 NNW HUNTINGTOWN [38.64, -76.63], 1.5 NNW HUNTINGTOWN [38.64, -76.63]

	07/22/18 15:21 EST		0	Flood (due to Heavy Rain)
	07/22/18 16:30 EST		0	Source: Law Enforcement

Stephen Reid Road flooded and closed near Cocktown Creek.

CALVERT COUNTY --- 1.2 SE DUNKIRK [38.71, -76.65], 1.3 SE DUNKIRK [38.71, -76.65], 1.3 SE DUNKIRK [38.71, -76.65], 1.2 SE DUNKIRK [38.71, -76.65]

	07/22/18 17:42 EST		0	Flood (due to Heavy Rain)
	07/22/18 19:00 EST		0	Source: Law Enforcement

Southbound Maryland Route 4 flooded and closed at Hall Creek.

CHARLES COUNTY --- 1.3 ESE MATTAWOMAN [38.65, -76.86], 1.3 E MATTAWOMAN [38.65, -76.86], 1.3 ESE MATTAWOMAN [38.65, -76.86], 1.3 ESE MATTAWOMAN [38.65, -76.86]

	07/22/18 18:22 EST		0	Flood (due to Heavy Rain)
	07/22/18 20:00 EST		0	Source: Law Enforcement

Pinefield Road flooded and closed near Alfred Drive.

ANNE ARUNDEL COUNTY --- 1.7 SSW RIVA [38.93, -76.59], 1.6 SSW RIVA [38.93, -76.59], 1.6 SSW RIVA [38.93, -76.59], 1.7 SSW RIVA [38.93, -76.59]

Storm Data and Unusual Weather Phenomena - July 2018

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/22/18 19:18 EST		0	Flood (due to Heavy Rain)
	07/22/18 20:30 EST		0	Source: Broadcast Media

Central Avenue flooded and closed at Beards Creek.

BALTIMORE CITY (C) COUNTY --- 0.2 NNE LOUDON PARK [39.28, -76.68], 0.3 SSE WOODBERRY [39.35, -76.67], 1.3 S GOVANS [39.35, -76.60], 0.6 NW CANTON [39.29, -76.59]

	07/22/18 19:30 EST		0	Flood (due to Heavy Rain)
	07/22/18 20:30 EST		0	Source: 911 Call Center

More than two dozen roads flooded and closed throughout Baltimore City.

ANNE ARUNDEL COUNTY --- 1.8 WSW RAYNOR HGTS [39.21, -76.70], 1.8 WSW RAYNOR HGTS [39.21, -76.70], 1.5 WSW RAYNOR HGTS [39.21, -76.70], 1.0 WSW RAYNOR HGTS [39.22, -76.69], 0.3 NE RAYNOR HGTS [39.22, -76.67], 1.0 NNE RAYNOR HGTS [39.23, -76.66], 1.3 W RAYNOR HGTS [39.22, -76.69]

	07/23/18 03:22 EST		0	Flood (due to Heavy Rain)
	07/23/18 14:14 EST		0	Source: River/Stream Gage

The stream gage on the Patapsco River near Elkridge exceeded the 16 foot flood stage during the indicated period. The peak level of 17.36 feet occurred at 6:05am EST. Hammonds Ferry Road and Furnace Avenue were flooded.

Following the passage of a coastal low, bands of moisture pulled northward across the same areas that experienced heavy rain the day before. Rainfall amounts of 1 to 3 inches were common, with isolated higher amounts mainly in Anne Arundel and Calvert Counties. This produced renewed flooding, especially in those areas.

CALVERT COUNTY --- 0.8 SSE CHANEY [38.74, -76.63]

	07/22/18 13:10 EST		0	Thunderstorm Wind (EG 50 kt)
	07/22/18 13:10 EST		0	Source: 911 Call Center

A tree fell on power lines along MD-260 west of Chesapeake Beach Road.

PRINCE GEORGE'S COUNTY --- 0.6 E HALL [38.90, -76.72]

	07/22/18 13:20 EST		0	Thunderstorm Wind (EG 50 kt)
	07/22/18 13:20 EST		0	Source: Department of Highways

A tree fell on power lines blocking the westbound ramp from MD-214 to US-301 Crain Highway.

CALVERT COUNTY --- 1.7 E STOAKLEY [38.57, -76.57]

	07/22/18 13:40 EST		0	Thunderstorm Wind (EG 50 kt)
	07/22/18 13:40 EST		0	Source: Law Enforcement

A tree was down on wires blocking Clay Hammond Road near Lottie Fowler Road.

A cutoff low from the jet stream developed just to our west on the 22nd. A couple thunderstorms became severe due to an unstable atmosphere and stronger winds that were able to mix down from aloft.

BALTIMORE CITY (C) COUNTY --- 2.5 WNW MT HOPE [39.40, -76.76]

	07/23/18 02:01 EST		0	Thunderstorm Wind (EG 50 kt)
	07/23/18 02:01 EST		0	Source: Public

Multiple downed trees were near Greenspring Valley Road and Championship Court.

A cutoff low from the jet stream remained just to our west on the 23rd. An isolated thunderstorm became severe due to an unstable atmosphere and stronger winds that were able to mix down from aloft.

WASHINGTON COUNTY --- 0.7 N LEITERSBURG [39.71, -77.62], 0.6 N LEITERSBURG [39.71, -77.62], 0.5 N LEITERSBURG [39.71, -77.62], 0.4 N LEITERSBURG [39.71, -77.62]

	07/23/18 14:36 EST		0	Flood (due to Heavy Rain)
	07/23/18 16:30 EST		0	Source: 911 Call Center

Battletown Road and Leiters Mill Road flooded and closed due to flooding from Antietam Creek.

Storm Data and Unusual Weather Phenomena - July 2018

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
ANNE ARUNDEL COUNTY --- 1.8 WSW RAYNOR HGTS [39.21, -76.70], 1.8 WSW RAYNOR HGTS [39.21, -76.70], 1.5 WSW RAYNOR HGTS [39.21, -76.70], 0.3 NE RAYNOR HGTS [39.22, -76.67], 1.0 NNE RAYNOR HGTS [39.23, -76.66], 0.9 NNE RAYNOR HGTS [39.23, -76.67], 1.7 W RAYNOR HGTS [39.22, -76.70]				
	07/23/18 20:55 EST		0	Flood (due to Heavy Rain)
	07/25/18 10:31 EST		0	Source: River/Stream Gage
The stream gage on the Patapsco River near Elkridge exceeded the 16 foot flood stage during the indicated period. The peak level of 18.45 feet occurred at 11:05am EST. Hammonds Ferry Road and Furnace Avenue were flooded.				
BALTIMORE COUNTY --- 1.1 NW CHADWICK MANOR [39.31, -76.75], 1.0 WNW CHADWICK MANOR [39.31, -76.75], 0.9 NW CHADWICK MANOR [39.31, -76.74], 1.0 NW CHADWICK MANOR [39.31, -76.74]				
	07/23/18 21:15 EST		0	Flood (due to Heavy Rain)
	07/23/18 22:00 EST		0	Source: Department of Highways
Ramp from I-70 to I-695 flooded and closed.				
CARROLL COUNTY --- 1.7 NE ALESIA [39.70, -76.81], 1.6 NE ALESIA [39.70, -76.81], 1.7 NE ALESIA [39.70, -76.80], 1.8 NE ALESIA [39.70, -76.80]				
	07/23/18 22:06 EST		0	Flash Flood (due to Heavy Rain)
	07/24/18 00:30 EST		0	Source: River/Stream Gage
The USGS stream gage on Gunpowder Falls near Hoffmanville exceeded the 6 foot flood stage during the indicated period. The peak level of 6.94 feet occurred at 11:45pm EST. River Valley Ranch reported some flooding in their area, with campers having to be moved inside due to floodwaters.				
BALTIMORE COUNTY --- 0.8 N OREGON [39.51, -76.68], 0.8 NNE OREGON [39.51, -76.68], 0.8 NNE OREGON [39.51, -76.68], 0.7 NNE OREGON [39.51, -76.68]				
	07/24/18 00:27 EST		0	Flood (due to Heavy Rain)
	07/24/18 04:49 EST		0	Source: 911 Call Center
Western Run Road flooded and closed at Western Run. The USGS stream gage on Western Run at this location exceeded the 8 foot flood stage during the indicated period. The peak level of 11.35 feet occurred at 2:00am EST.				
BALTIMORE COUNTY --- 1.1 WNW WHITEHOUSE [39.61, -76.80], 1.1 WNW WHITEHOUSE [39.61, -76.80], 1.1 WNW WHITEHOUSE [39.61, -76.80], 1.1 WNW WHITEHOUSE [39.61, -76.80]				
	07/24/18 00:27 EST		0	Flash Flood (due to Heavy Rain)
	07/24/18 00:30 EST		0	Source: Department of Highways
A bridge over Peggys Run collapsed on Mount Carmel Road.				
CARROLL COUNTY --- 0.7 SSE GUNPOWDER [39.71, -76.83], 0.7 SSE GUNPOWDER [39.71, -76.83], 1.0 SSE GUNPOWDER [39.71, -76.83], 1.0 SSE GUNPOWDER [39.71, -76.83]				
	07/24/18 01:33 EST		0	Flood (due to Heavy Rain)
	07/24/18 03:00 EST		0	Source: Newspaper
Kern Road flooded and closed near Gunpowder Falls with a partial washout of the road reported.				
BALTIMORE COUNTY --- 0.4 WNW LOCHEARN [39.35, -76.74], 0.4 WNW LOCHEARN [39.35, -76.74], 0.3 WSW LOCHEARN [39.35, -76.74], 0.3 SW LOCHEARN [39.35, -76.73], 0.4 SW LOCHEARN [39.35, -76.73], 0.4 WSW LOCHEARN [39.35, -76.74], 0.4 W LOCHEARN [39.35, -76.74]				
	07/24/18 01:51 EST		0	Flood (due to Heavy Rain)
	07/24/18 04:08 EST		0	Source: River/Stream Gage
The USGS stream gage on Gwynns Falls near Villa Nova exceeded the 11 foot flood stage during the indicated period. Queen Anne Road flooded. The peak level was 11.78 feet, which occurred at 2:45am EST.				
CARROLL COUNTY --- 1.6 NE ALESIA [39.69, -76.81], 1.6 NE ALESIA [39.69, -76.81], 1.6 NE ALESIA [39.69, -76.81], 1.6 NE ALESIA [39.69, -76.81]				
	07/24/18 02:52 EST		0	Flood (due to Heavy Rain)
	07/24/18 04:00 EST		0	Source: Newspaper
Roller Road washed out near Lineboro.				
CARROLL COUNTY --- 0.4 WSW MILLERS [39.67, -76.86], 0.4 WSW MILLERS [39.67, -76.86], 0.4 WSW MILLERS [39.67, -76.86], 0.4 WSW MILLERS [39.67, -76.86]				
	07/24/18 03:10 EST		0	Flood (due to Heavy Rain)
	07/24/18 04:10 EST		0	Source: Newspaper

Storm Data and Unusual Weather Phenomena - July 2018

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
A portion of Millers Station Road, where it crosses Grave Run, was completely undermined and washed out due to flooding.				
BALTIMORE COUNTY --- 0.8 NW GLENCOE [39.56, -76.64], 0.7 NW GLENCOE [39.56, -76.64], 0.3 W GLENCOE [39.55, -76.64], 0.9 SSW GLENCOE [39.54, -76.64], 0.8 NE SPARKS [39.54, -76.64], 0.8 SW GLENCOE [39.54, -76.64]				
	07/24/18 03:39 EST		30K	Flood (due to Heavy Rain)
	07/26/18 21:02 EST		0	Source: River/Stream Gage
The USGS stream gage on Gunpowder Falls near Glencoe exceeded the 7 foot flood stage throughout the indicated period. There were three distinct peaks during the long period above flood stage, the highest of which was 14.41 feet, which occurred at 7:30am EST on July 25th. Throughout the flood, portions of Upper Glencoe Road and Lower Glencoe Road were flooded. For most of the time, Sparks Road was also flooded. Water was in buildings off of Sparks Road for over 24 hours from the morning of the 24th until the afternoon of the 25th, ultimately reaching several feet inside those structures. The water receded during the evening of the 25th but rose again overnight, affecting those buildings a second time.				
BALTIMORE COUNTY --- 0.5 ENE WOODLAWN [39.32, -76.72], 0.5 ENE WOODLAWN [39.32, -76.72], 0.5 ENE WOODLAWN [39.32, -76.72], 0.5 ENE WOODLAWN [39.32, -76.72]				
	07/24/18 06:15 EST		0	Flood (due to Heavy Rain)
	07/24/18 07:15 EST		0	Source: 911 Call Center
Flooding near the intersection of Gwynn Lake Drive and Gwynn Oak Avenue caused closure of both roads.				
BALTIMORE COUNTY --- 1.1 WSW BROOKLANDVILLE [39.41, -76.69], 1.0 WSW BROOKLANDVILLE [39.41, -76.69], 1.0 WSW BROOKLANDVILLE [39.41, -76.69], 1.1 WSW BROOKLANDVILLE [39.41, -76.69]				
	07/24/18 06:15 EST		0	Flood (due to Heavy Rain)
	07/24/18 07:15 EST		0	Source: 911 Call Center
Greenspring Avenue flooded and closed near Jones Falls.				
BALTIMORE COUNTY --- 0.7 WSW GLENCOE [39.54, -76.64], 0.7 SW GLENCOE [39.54, -76.64], 0.4 WSW GLENCOE [39.55, -76.64], 0.4 WSW GLENCOE [39.55, -76.64]				
	07/24/18 06:42 EST		0	Flood (due to Heavy Rain)
	07/24/18 07:15 EST		0	Source: Fire Department/Rescue
A school bus was reported stuck in slowly rising flood waters from the Gunpowder Falls near Glencoe. Two adults and one child were successfully rescued, uninjured.				
CARROLL COUNTY --- 1.8 SE GUNPOWDER [39.70, -76.81], 1.8 SE GUNPOWDER [39.70, -76.81], 1.8 SE GUNPOWDER [39.70, -76.81], 1.8 SE GUNPOWDER [39.70, -76.81]				
	07/24/18 08:35 EST		0	Flood (due to Heavy Rain)
	07/24/18 09:24 EST		0	Source: Newspaper
Shaffer Mill Road flooded and closed near the intersection with Grave Run Road.				
ST. MARY'S COUNTY --- 0.9 NE BEAUVUE [38.26, -76.62], 0.9 NE BEAUVUE [38.26, -76.62], 0.9 NE BEAUVUE [38.26, -76.62], 0.9 NE BEAUVUE [38.26, -76.62]				
	07/24/18 08:47 EST		0	Flood (due to Heavy Rain)
	07/24/18 10:30 EST		0	Source: Department of Highways
Medleys Neck Road flooded and closed at Moll Dyers Run near Abell Creek Lane.				
BALTIMORE COUNTY --- 0.6 SSW ST DENIS [39.21, -76.70], 0.5 S ST DENIS [39.21, -76.70], 0.6 S ST DENIS [39.21, -76.70], 0.6 S ST DENIS [39.21, -76.70]				
	07/24/18 08:48 EST		0	Flood (due to Heavy Rain)
	07/24/18 10:00 EST		0	Source: 911 Call Center
Furnace Avenue closed between Race Road and the county line due to flooding.				
ST. MARY'S COUNTY --- 1.6 W LEONARDTOWN [38.30, -76.66], 1.6 W LEONARDTOWN [38.30, -76.66], 1.6 W LEONARDTOWN [38.30, -76.66], 1.6 W LEONARDTOWN [38.30, -76.66]				
	07/24/18 09:35 EST		0	Flood (due to Heavy Rain)
	07/24/18 11:00 EST		0	Source: Department of Highways
Maryland Route 243 flooded and closed south of Route 5.				

Storm Data and Unusual Weather Phenomena - July 2018

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
ANNE ARUNDEL COUNTY --- 0.4 ENE NORTH LINTHICUM [39.22, -76.64], 0.6 NE NORTH LINTHICUM [39.23, -76.64], 0.6 NE NORTH LINTHICUM [39.23, -76.64], 0.5 ENE NORTH LINTHICUM [39.22, -76.64]				
	07/24/18 09:43 EST		0	Flood (due to Heavy Rain)
	07/24/18 11:00 EST		0	Source: Department of Highways
Baltimore Annapolis Boulevard flooded and closed near the Patapsco River.				
BALTIMORE COUNTY --- 1.5 W STONELEIGH [39.37, -76.65], 1.5 W STONELEIGH [39.37, -76.65], 1.5 W STONELEIGH [39.37, -76.65], 1.5 W STONELEIGH [39.37, -76.65]				
	07/24/18 11:30 EST		0	Flood (due to Heavy Rain)
	07/24/18 12:30 EST		0	Source: 911 Call Center
Smith Avenue flooded at Jones Falls.				
BALTIMORE COUNTY --- 0.6 NNE COCKEYSVILLE [39.49, -76.64], 0.6 NNE COCKEYSVILLE [39.49, -76.64], 0.6 NNE COCKEYSVILLE [39.49, -76.64], 0.6 NNE COCKEYSVILLE [39.49, -76.64]				
	07/24/18 11:38 EST		0	Flood (due to Heavy Rain)
	07/24/18 12:56 EST		0	Source: River/Stream Gage
The USGS gage on Beaverdam Run near Cockeysville exceeded the 9 foot flood stage during the indicated period. The peak level of 9.26 feet occurred at 12:05pm EST. Beaver Run Lane was flooded.				
MONTGOMERY COUNTY --- 0.5 NNW CARDEROCK SPGS [39.01, -77.18], 0.5 NNW CARDEROCK SPGS [39.01, -77.17], 0.5 NNW CARDEROCK SPGS [39.01, -77.17], 0.5 NNW CARDEROCK SPGS [39.01, -77.17]				
	07/24/18 13:04 EST		0	Flood (due to Heavy Rain)
	07/24/18 14:30 EST		0	Source: Emergency Manager
Bradley Boulevard flooded and closed near Mercy Hollow Lane.				
ST. MARY'S COUNTY --- 1.5 WNW LEONARDTOWN [38.30, -76.66], 1.5 W LEONARDTOWN [38.30, -76.66], 1.4 W LEONARDTOWN [38.30, -76.66], 1.4 WNW LEONARDTOWN [38.30, -76.66]				
	07/24/18 13:19 EST		0	Flood (due to Heavy Rain)
	07/24/18 14:30 EST		0	Source: Law Enforcement
Road closure due to high water near Point Lookout Road and Maypole Road.				
ST. MARY'S COUNTY --- 1.8 SE LOVEVILLE [38.35, -76.66], 1.7 SE LOVEVILLE [38.35, -76.65], 1.8 SE LOVEVILLE [38.35, -76.65], 1.8 SE LOVEVILLE [38.35, -76.65]				
	07/24/18 13:19 EST		0	Flood (due to Heavy Rain)
	07/24/18 14:30 EST		0	Source: Law Enforcement
Road closed due to high water on Friendship School Road near Bishop Road.				
ST. MARY'S COUNTY --- 1.5 W LEONARDTOWN [38.30, -76.66], 1.5 W LEONARDTOWN [38.30, -76.66], 1.4 W LEONARDTOWN [38.30, -76.66], 1.5 W LEONARDTOWN [38.30, -76.66]				
	07/24/18 13:50 EST		0	Flood (due to Heavy Rain)
	07/24/18 14:45 EST		0	Source: Emergency Manager
Two women were reported to be stuck in a local business with rising waters surrounding the building. One self-evacuated, and the other was safely rescued.				
ALLEGANY COUNTY --- 0.5 E CUMBERLAND [39.65, -78.76], 0.3 W CUMBERLAND [39.65, -78.78], 0.5 NNW CUMBERLAND [39.66, -78.77], 0.8 ENE CUMBERLAND [39.66, -78.76], 0.8 E CUMBERLAND [39.65, -78.76]				
	07/24/18 19:15 EST		0	Flood (due to Heavy Rain)
	07/24/18 20:15 EST		0	Source: 911 Call Center
Over half a dozen roads reported flooded and closed in Cumberland.				
BALTIMORE COUNTY --- 0.6 NNE COCKEYSVILLE [39.49, -76.64], 0.4 NNE COCKEYSVILLE [39.49, -76.65], 0.4 NNE COCKEYSVILLE [39.49, -76.65], 0.5 NE COCKEYSVILLE [39.49, -76.64], 0.6 NNE COCKEYSVILLE [39.49, -76.64], 0.6 NNE COCKEYSVILLE [39.49, -76.64]				

Storm Data and Unusual Weather Phenomena - July 2018

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/24/18 23:35 EST		0	Flood (due to Heavy Rain)
	07/25/18 05:05 EST		0	Source: River/Stream Gage

The USGS gage on Beaverdam Run near Cockeysville exceeded the 9 foot flood stage during the indicated period. The peak level of 11.17 feet occurred at 2:00am EST. Beaver Run Lane was flooded. York Road was also flooded with water approaching nearby businesses. Local media reported one vehicle drove around a road closed sign and got stuck in the floodwaters on York Road. The occupant was rescued.

BALTIMORE COUNTY --- 0.8 N OREGON [39.51, -76.68], 0.8 NNE OREGON [39.51, -76.68], 0.8 NNE OREGON [39.51, -76.68], 0.7 NNE OREGON [39.51, -76.68]

	07/25/18 00:00 EST		0	Flood (due to Heavy Rain)
	07/25/18 03:54 EST		0	Source: River/Stream Gage

The USGS stream gage on Western Run at this location exceeded the 8 foot flood stage during the indicated period. The peak level of 9.06 feet occurred at 2:00am EST. Western Run Road was flooded.

BALTIMORE COUNTY --- 1.4 S OREGON [39.48, -76.68], 1.4 S OREGON [39.48, -76.68], 1.4 S OREGON [39.48, -76.68], 1.5 S OREGON [39.48, -76.68]

	07/25/18 00:11 EST		0	Flood (due to Heavy Rain)
	07/25/18 00:38 EST		0	Source: River/Stream Gage

The USGS stream gage on Baisman Run near Broadmoor exceeded the 4 foot flood stage during the brief indicated period. An access road near the gage flooded, with water approaching a porch.

BALTIMORE COUNTY --- 0.3 NE BENTLEY SPGS [39.67, -76.68], 0.3 ENE BENTLEY SPGS [39.67, -76.67], 0.5 ENE BENTLEY SPGS [39.67, -76.67], 0.8 ENE BENTLEY SPGS [39.68, -76.67], 0.8 ENE BENTLEY SPGS [39.68, -76.67], 0.4 NE BENTLEY SPGS [39.67, -76.67]

	07/25/18 01:12 EST		0	Flood (due to Heavy Rain)
	07/25/18 02:14 EST		0	Source: River/Stream Gage

The USGS stream gage on Beetree Run near Bentley Springs, MD exceeded the 5.5 foot flood stage during the indicated period. The peak level of 6.70 feet occurred at 1:30am EST. Bentley Road floods at these levels.

BALTIMORE COUNTY --- 0.5 NNW WHITE HALL [39.63, -76.63], 0.5 NNW WHITE HALL [39.63, -76.63], 0.3 NNW WHITE HALL [39.62, -76.63], 0.1 N WHITE HALL [39.62, -76.63], 0.2 SSE WHITE HALL [39.62, -76.63], 0.3 S WHITE HALL [39.62, -76.63], 0.2 SSW WHITE HALL [39.62, -76.63]

	07/25/18 01:57 EST		0	Flood (due to Heavy Rain)
	07/25/18 05:45 EST		0	Source: River/Stream Gage

The USGS stream gage on Little Falls near Blue Mount exceeded the 8.5 foot flood stage during the indicated period. The peak level of 10.16 feet occurred at 4:00am EST. Water approached a driveway off Wiseburg Road and exceeded the banks in that area. Water also covered Big Falls Road in the area.

MONTGOMERY COUNTY --- 1.1 ESE BEALLSVILLE [39.17, -77.40], 1.1 ESE BEALLSVILLE [39.17, -77.40], 1.2 ESE BEALLSVILLE [39.17, -77.40], 1.1 SE BEALLSVILLE [39.17, -77.40]

	07/25/18 16:36 EST		0	Flood (due to Heavy Rain)
	07/25/18 18:00 EST		0	Source: Broadcast Media

Maryland Route 28 flooded and impassable in several spots near Beallsville.

CARROLL COUNTY --- 0.3 NNE WESTMINSTER ARPT [39.60, -77.00], 0.3 NNE WESTMINSTER ARPT [39.60, -77.00], 0.3 NNE WESTMINSTER ARPT [39.60, -77.00], 0.3 NNE WESTMINSTER ARPT [39.60, -77.00]

	07/25/18 17:16 EST		0	Flood (due to Heavy Rain)
	07/25/18 19:00 EST		0	Source: Department of Highways

Maryland Route 97 flooded and closed near the Carroll County Airport.

CARROLL COUNTY --- 1.0 SSW WARFIELD SBURG [39.52, -77.04], 1.0 SSW WARFIELD SBURG [39.52, -77.04], 1.0 SSW WARFIELD SBURG [39.52, -77.04], 1.0 SSW WARFIELD SBURG [39.52, -77.04]

	07/25/18 17:24 EST		0	Flood (due to Heavy Rain)
	07/25/18 19:00 EST		0	Source: Department of Highways

Nicodemus Road flooded and closed near Maryland Route 27 at Morgan Run.

CARROLL COUNTY --- 1.1 WSW MEXICO [39.59, -76.97], 1.0 WSW MEXICO [39.59, -76.97], 1.1 NE CRANBERRY STATION [39.59, -76.97], 0.9 NE CRANBERRY STATION [39.59, -76.97], 0.9 NE CRANBERRY STATION [39.59, -76.97], 1.1 NE CRANBERRY STATION [39.59, -76.97]

	07/25/18 17:36 EST		0	Flash Flood (due to Heavy Rain)
	07/25/18 20:00 EST		0	Source: River/Stream Gage

Storm Data and Unusual Weather Phenomena - July 2018

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<p>The USGS stream gage on Cranberry Branch near Westminster rapidly exceeded the 5 foot flood stage. The peak level of 8.73 feet was the highest ever recorded at this location, and this was the first time this stream had reached flood stage since 1995. Widespread flooding was reported along the stream.</p>				
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CARROLL COUNTY --- 1.1 SSW WARFIELDSBURG [39.52, -77.04], 1.1 SSW WARFIELDSBURG [39.52, -77.04], 1.1 SSW WARFIELDSBURG [39.52, -77.04]	07/25/18 17:50 EST		0	Flash Flood (due to Heavy Rain)
	07/25/18 20:00 EST		0	Source: Emergency Manager
<p>Swift water rescue required on Maryland Route 27 near Morgan Run and Nicodemus Road.</p>				
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MONTGOMERY COUNTY --- 3.1 S POOLESVILLE [39.10, -77.42], 3.2 S POOLESVILLE [39.10, -77.42], 3.2 S POOLESVILLE [39.10, -77.42], 3.1 S POOLESVILLE [39.10, -77.42]	07/25/18 17:50 EST		0	Flood (due to Heavy Rain)
	07/25/18 19:00 EST		0	Source: Broadcast Media
<p>Six to 12 inches of water was flowing across Willard Road near Poolesville.</p>				
<hr/>				
PRINCE GEORGE'S COUNTY --- 0.4 NE DODGE PARK [38.93, -76.88], 0.4 SW ARDMORE [38.93, -76.87], 0.4 SSW ARDMORE [38.93, -76.87], 0.4 SSW ARDMORE [38.93, -76.87], 0.4 NNW PALMER PARK [38.92, -76.87], 0.4 NW PALMER PARK [38.92, -76.87]	07/25/18 17:59 EST		0	Flood (due to Heavy Rain)
	07/25/18 20:00 EST		0	Source: Department of Highways
<p>The ramp from eastbound Maryland Route 202 to Route 704 was flooded and closed.</p>				
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CARROLL COUNTY --- 1.3 ENE MELROSE [39.69, -76.88], 0.7 ENE MELROSE [39.68, -76.89], 0.7 E MELROSE [39.68, -76.89], 1.1 N MANCHESTER [39.69, -76.88], 1.6 ENE MELROSE [39.69, -76.88], 1.5 NE MELROSE [39.69, -76.88]	07/25/18 18:03 EST		0	Flood (due to Heavy Rain)
	07/25/18 20:00 EST		0	Source: Department of Highways
<p>Portions of Lineboro Road flooded and impassable between Hallie Avenue and Paul Circle.</p>				
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MONTGOMERY COUNTY --- 1.0 S KEMP MILL [39.02, -77.02], 1.0 S KEMP MILL [39.02, -77.02], 1.0 S KEMP MILL [39.02, -77.02], 1.0 S KEMP MILL [39.02, -77.02]	07/25/18 18:20 EST		0	Flood (due to Heavy Rain)
	07/25/18 19:20 EST		0	Source: Department of Highways
<p>Three lanes closed on the Inner Loop of the Capital Beltway near Colesville Road due to flooding.</p>				
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MONTGOMERY COUNTY --- 1.2 NNW TAKOMA PARK [38.99, -77.00], 1.2 NNW TAKOMA PARK [38.99, -77.00], 1.1 NNW TAKOMA PARK [38.99, -77.00], 1.1 NNW TAKOMA PARK [38.99, -77.00]	07/25/18 18:22 EST		0	Flash Flood (due to Heavy Rain)
	07/25/18 19:35 EST		0	Source: River/Stream Gage
<p>The USGS stream gage on Sligo Creek near Takoma Park rapidly exceeded the 5.5 foot flood stage during the indicated period. The peak level of 6.75 feet occurred at 6:55pm EST, and Sligo Creek Parkway was flooded.</p>				
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MONTGOMERY COUNTY --- 1.4 S KEMP MILL [39.01, -77.02], 1.4 S KEMP MILL [39.01, -77.02], 1.4 S KEMP MILL [39.01, -77.02], 1.4 S KEMP MILL [39.01, -77.02]	07/25/18 18:34 EST		0	Flash Flood (due to Heavy Rain)
	07/25/18 19:04 EST		0	Source: Law Enforcement
<p>Swift water rescue on Sligo Creek Parkway near Brunett Avenue due to Sligo Creek being out of its banks.</p>				
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MONTGOMERY COUNTY --- 0.4 SSE GEORGETOWN JCT [38.99, -77.05], 0.4 SE GEORGETOWN JCT [39.00, -77.05], 0.4 SE GEORGETOWN JCT [39.00, -77.05], 0.4 SE GEORGETOWN JCT [38.99, -77.05]	07/25/18 18:39 EST		0	Flash Flood (due to Heavy Rain)
	07/25/18 20:00 EST		0	Source: Law Enforcement
<p>Swift water rescue reported at Sundale Drive and East-West Highway.</p>				
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CARROLL COUNTY --- 1.7 NE ALESIA [39.70, -76.81], 1.7 NE ALESIA [39.70, -76.81], 1.7 NE ALESIA [39.70, -76.81], 1.8 NE ALESIA [39.70, -76.80], 1.8 NE ALESIA [39.70, -76.80]				

Storm Data and Unusual Weather Phenomena - July 2018

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/25/18 19:01 EST		0	Flood (due to Heavy Rain)
	07/25/18 22:50 EST		0	Source: River/Stream Gage

The USGS stream gage on Gunpowder Falls near Hoffmanville exceeded the 6 foot flood stage during the indicated period. River Valley Ranch reported flooding in their area during this time, with campers moved to higher ground.

MONTGOMERY COUNTY --- 1.6 S KEMP MILL [39.01, -77.02], 1.5 S KEMP MILL [39.01, -77.02], 1.6 S KEMP MILL [39.01, -77.02], 1.6 S KEMP MILL [39.01, -77.02]

	07/25/18 19:09 EST		0	Flash Flood (due to Heavy Rain)
	07/25/18 20:00 EST		0	Source: Department of Highways

Sligo Creek rapidly rose, flowing over US 29 (Colesville Road) in the area.

CARROLL COUNTY --- 0.6 ENE CRANBERRY STATION [39.58, -76.97], 0.5 ENE CRANBERRY STATION [39.58, -76.97], 0.5 ENE CRANBERRY STATION [39.58, -76.97], 0.6 ENE CRANBERRY STATION [39.58, -76.97]

	07/25/18 19:12 EST		0	Flash Flood (due to Heavy Rain)
	07/25/18 20:00 EST		0	Source: Law Enforcement

Water rescue in the 700 block of Old Manchester Road due to overflow from Cranberry Branch.

ANNE ARUNDEL COUNTY --- 0.9 SE CROFTON [38.99, -76.64], 1.1 ESE CROFTON [38.99, -76.63], 1.3 NNE RUTLAND [38.99, -76.62], 1.2 NNE RUTLAND [38.99, -76.62]

	07/25/18 19:30 EST		0	Flood (due to Heavy Rain)
	07/25/18 21:30 EST		0	Source: Department of Highways

Maryland Route 450 flooded and closed between Saint Stephens Church Road and Huntwood Drive.

CARROLL COUNTY --- 2.1 NNE MELROSE [39.71, -76.89], 2.0 NNE MELROSE [39.71, -76.89], 2.0 NNE MELROSE [39.71, -76.89], 2.1 NNE MELROSE [39.71, -76.89]

	07/25/18 19:44 EST		0	Flash Flood (due to Heavy Rain)
	07/25/18 20:00 EST		0	Source: Trained Spotter

Streams out of their banks near Hay Drive and Wentz Road. Rapidly rising water forced water over driveways with leftover debris blocking access.

HARFORD COUNTY --- 0.9 SE SCARBORO [39.62, -76.27], 0.9 ESE SCARBORO [39.62, -76.27], 1.0 SW POOLE [39.62, -76.26], 0.9 SE SCARBORO [39.62, -76.27]

	07/25/18 19:45 EST		0	Flood (due to Heavy Rain)
	07/25/18 20:45 EST		0	Source: 911 Call Center

Eight inches of water flowing over the roadway near the intersection of Priestford Road and Trappe Road.

BALTIMORE CITY (C) COUNTY --- 0.8 NW CAMDEN [39.29, -76.64], 1.1 SW HAMPDEN [39.34, -76.65], 1.6 W GARDENVILLE [39.35, -76.60], 0.7 S HILLEN [39.29, -76.60]

	07/25/18 20:00 EST		0	Flood (due to Heavy Rain)
	07/25/18 21:00 EST		0	Source: 911 Call Center

More than ten roads flooded and closed throughout the city.

BALTIMORE COUNTY --- 0.3 NE BENTLEY SPGS [39.67, -76.68], 0.3 ENE BENTLEY SPGS [39.67, -76.68], 0.5 ENE BENTLEY SPGS [39.67, -76.67], 0.8 ENE BENTLEY SPGS [39.68, -76.67], 0.8 NE BENTLEY SPGS [39.68, -76.67]

	07/25/18 20:34 EST		0	Flash Flood (due to Heavy Rain)
	07/25/18 20:54 EST		0	Source: River/Stream Gage

The USGS stream gage on Beetree Run at Bentley Springs briefly, but rapidly, exceeded the 5.5 foot flood stage during the indicated period. The peak level of 6.11 feet was observed at 8:37pm EST.

MONTGOMERY COUNTY --- 0.9 E FOX CHAPEL [39.20, -77.21], 1.0 E FOX CHAPEL [39.20, -77.21], 1.0 E FOX CHAPEL [39.20, -77.21], 0.9 E FOX CHAPEL [39.20, -77.21]

	07/25/18 20:42 EST		0	Flood (due to Heavy Rain)
	07/25/18 22:00 EST		0	Source: Law Enforcement

Blunt Road flooded and closed between Germantown Road and Brink Road.

Storm Data and Unusual Weather Phenomena - July 2018

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
CARROLL COUNTY --- 0.8 NNE MEDFORD [39.56, -77.04], 0.9 NNE MEDFORD [39.56, -77.04], 0.9 NNE MEDFORD [39.56, -77.04], 0.9 NNE MEDFORD [39.56, -77.04]				
	07/25/18 20:47 EST		0	Flood (due to Heavy Rain)
	07/25/18 21:17 EST		0	Source: Law Enforcement
Water rescue at Little Pipe Creek near the intersection of Old New Windsor Turnpike and Adams Mill Road.				
FREDERICK COUNTY --- 0.8 W SAMS CREEK [39.50, -77.11], 0.8 W SAMS CREEK [39.50, -77.12], 0.8 W SAMS CREEK [39.50, -77.12], 0.8 W SAMS CREEK [39.50, -77.11]				
	07/25/18 20:47 EST		0	Flood (due to Heavy Rain)
	07/25/18 21:17 EST		0	Source: Law Enforcement
A water rescue was reported in the 3400 block of Sams Creek Road.				
CARROLL COUNTY --- 0.8 SSW FINKSBURG [39.49, -76.90], 0.8 S FINKSBURG [39.49, -76.90], 0.6 S FINKSBURG [39.49, -76.90], 0.5 S FINKSBURG [39.49, -76.90], 0.4 SSW FINKSBURG [39.49, -76.90]				
	07/25/18 20:56 EST		0	Flood (due to Heavy Rain)
	07/25/18 22:19 EST		0	Source: River/Stream Gage
The USGS stream gage on Beaver Run near Finksburg exceeded the 5 foot flood stage during the indicated period. The peak level of 6.03 feet occurred at 9:30pm EST. Hughes Road was flooded in the area.				
ANNE ARUNDEL COUNTY --- 1.8 WSW RAYNOR HGTS [39.21, -76.70], 1.8 WSW RAYNOR HGTS [39.21, -76.70], 1.5 WSW RAYNOR HGTS [39.21, -76.70], 0.3 NE RAYNOR HGTS [39.22, -76.67], 1.0 NNE RAYNOR HGTS [39.23, -76.66], 0.9 NNE RAYNOR HGTS [39.23, -76.67], 1.7 W RAYNOR HGTS [39.22, -76.70]				
	07/25/18 23:11 EST		0	Flood (due to Heavy Rain)
	07/26/18 16:59 EST		0	Source: River/Stream Gage
The stream gage on the Patapsco River near Elkridge exceeded the 16 foot flood stage during the indicated period. The peak level of 19.69 feet occurred at 12:50pm EST. Hammonds Ferry Road and Furnace Avenue were flooded.				
BALTIMORE COUNTY --- 1.5 ENE PERRY HALL [39.43, -76.44], 1.5 ENE PERRY HALL [39.43, -76.44], 1.4 ENE PERRY HALL [39.43, -76.44], 1.4 ENE PERRY HALL [39.43, -76.45]				
	07/26/18 04:44 EST		0	Flood (due to Heavy Rain)
	07/26/18 05:45 EST		0	Source: Department of Highways
Overflow from Big Gunpowder Falls forced the closure of one southbound lane of US 1.				
CARROLL COUNTY --- 1.3 NNW KEYMAR [39.62, -77.24], 1.3 NNW KEYMAR [39.62, -77.24], 1.2 NNW KEYMAR [39.62, -77.24], 1.1 NNW KEYMAR [39.61, -77.24]				
	07/26/18 05:31 EST		0	Flood (due to Heavy Rain)
	07/26/18 08:02 EST		0	Source: River/Stream Gage
The USGS gage on Big Pipe Creek near Bruceville exceeded the 8 foot flood stage during the indicated period. The peak level of 8.58 feet occurred at 6:45am EST. Keysville-Bruceville Road was flooded.				
FREDERICK COUNTY --- 2.2 E LADIESBURG [39.58, -77.23], 2.2 E LADIESBURG [39.58, -77.23], 2.5 E LADIESBURG [39.58, -77.22], 2.5 E LADIESBURG [39.58, -77.22]				
	07/26/18 10:03 EST		0	Flood (due to Heavy Rain)
	07/26/18 11:00 EST		0	Source: County Official
Little Pipe Creek was out of its banks, flooding both Claybaugh Road and Simpsons Mill Road near the Johnsonville Bridge.				
ANNE ARUNDEL COUNTY --- 1.8 WSW RAYNOR HGTS [39.21, -76.70], 1.8 WSW RAYNOR HGTS [39.21, -76.70], 1.5 WSW RAYNOR HGTS [39.21, -76.70], 0.3 NE RAYNOR HGTS [39.22, -76.67], 1.0 NNE RAYNOR HGTS [39.23, -76.66], 0.9 NNE RAYNOR HGTS [39.23, -76.67], 1.7 W RAYNOR HGTS [39.22, -76.70]				
	07/26/18 19:46 EST		0	Flood (due to Heavy Rain)
	07/26/18 21:41 EST		0	Source: River/Stream Gage
The stream gage on the Patapsco River near Elkridge exceeded the 16 foot flood stage during the indicated period. The peak level of 16.37 feet occurred at 9:25pm EST. Hammonds Ferry Road and Furnace Avenue were flooded.				

Storm Data and Unusual Weather Phenomena - July 2018

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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Following the passage of a coastal low, bands of moisture continued to pull northward across the same areas that had already experienced heavy rain. Heavy rainfall fell in some areas, especially in Baltimore and Carroll Counties, with widespread flooding and flash flooding throughout the period.

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

07/26/18 03:18 EST	0	Dense Fog
07/26/18 07:00 EST	0	

Low-level moisture was trapped underneath the nocturnal inversion. Breaks in the clouds caused radiational cooling, which led to areas of dense fog.

CALVERT COUNTY --- 0.8 WSW COVE PT [38.38, -76.41]

07/27/18 14:20 EST	0	Thunderstorm Wind (EG 50 kt)
07/27/18 14:20 EST	0	Source: Fire Department/Rescue

Multiple trees were down on the Pioneer Trail. Numerous trees were uprooted near Cove Point as well.

CHARLES COUNTY --- 0.9 E MORGANTOWN [38.35, -76.95]

07/27/18 14:23 EST	0	Thunderstorm Wind (EG 50 kt)
07/27/18 14:23 EST	0	Source: 911 Call Center

A large tree was down at the intersection of Morgantown Road and Waverly Point Road.

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

07/27/18 14:24 EST	0	Thunderstorm Wind (EG 50 kt)
07/27/18 14:24 EST	0	Source: 911 Call Center

A large tree was down across Tip Hill Court.

MONTGOMERY COUNTY --- 0.4 E TRAVILAH [39.07, -77.26]

07/27/18 14:40 EST	0	Thunderstorm Wind (EG 50 kt)
07/27/18 14:40 EST	0	Source: Law Enforcement

A tree was down on power lines in the 13100 Block of Travilah Road.

HOWARD COUNTY --- 1.8 SW KNOLLWOOD [39.25, -77.05]

07/27/18 15:20 EST	0	Thunderstorm Wind (EG 50 kt)
07/27/18 15:20 EST	0	Source: Department of Highways

A tree was down on MD 97 south of Roxbury Mill Road.

FREDERICK COUNTY --- 0.5 ESE PETERSVILLE [39.35, -77.61]

07/27/18 15:46 EST	0	Thunderstorm Wind (EG 50 kt)
07/27/18 15:46 EST	0	Source: 911 Call Center

A tree was down in the roadway near the intersection of Petersville Road and Jefferson Pike.

BALTIMORE COUNTY --- 0.8 WSW HOLBROOK [39.40, -76.86]

07/27/18 15:52 EST	0	Thunderstorm Wind (EG 50 kt)
07/27/18 15:52 EST	0	Source: 911 Call Center

A tree was down at Liberty Road and Wards Chapel Road.

FREDERICK COUNTY --- 1.0 ENE POINTS OF ROCKS [39.29, -77.53]

07/27/18 15:57 EST	0	Thunderstorm Wind (EG 50 kt)
07/27/18 15:57 EST	0	Source: Law Enforcement

A tree was down in the roadway on MD-464 just west of US-15.

FREDERICK COUNTY --- 1.0 NNE DOUBS [39.31, -77.51]

Storm Data and Unusual Weather Phenomena - July 2018

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/27/18 16:02 EST		0	Thunderstorm Wind (EG 50 kt)
	07/27/18 16:02 EST		0	Source: Law Enforcement
A large tree was down blocking US-15 near Basford Road.				
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FREDERICK COUNTY --- 1.0 SW FREDERICK ARPT [39.41, -77.40]				
	07/27/18 16:06 EST		0	Thunderstorm Wind (EG 50 kt)
	07/27/18 16:06 EST		0	Source: Law Enforcement
Wires were down near the intersection of East Patrick Street and Hamilton Avenue.				
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FREDERICK COUNTY --- 0.6 SW REELS MILL [39.36, -77.39]				
	07/27/18 16:10 EST		0	Thunderstorm Wind (EG 50 kt)
	07/27/18 16:10 EST		0	Source: Broadcast Media
A tree was down blocking MD-355 near Ball Road.				
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FREDERICK COUNTY --- 2.1 SSW URBANA [39.30, -77.37]				
	07/27/18 16:10 EST		0	Thunderstorm Wind (EG 50 kt)
	07/27/18 16:10 EST		0	Source: Law Enforcement
Wires were down near the intersection of Peters Road and Thurston Road.				
<hr/>				
ANNE ARUNDEL COUNTY --- 0.4 NNE FERNDALE [39.21, -76.67]				
	07/27/18 16:23 EST		0	Thunderstorm Wind (EG 50 kt)
	07/27/18 16:23 EST		0	Source: 911 Call Center
Multiple trees were down in the Linthicum.				
<hr/>				
FREDERICK COUNTY --- 1.2 NW NEW MARKET [39.39, -77.29]				
	07/27/18 16:23 EST		0	Thunderstorm Wind (EG 50 kt)
	07/27/18 16:23 EST		0	Source: Law Enforcement
A tree fell on power lines along Boyers Mill Road between Fin Drive and New Market Court.				
<hr/>				
BALTIMORE COUNTY --- 0.9 NE LUTHERVILLE [39.43, -76.61]				
	07/27/18 16:29 EST		0	Thunderstorm Wind (EG 50 kt)
	07/27/18 16:29 EST		0	Source: 911 Call Center
A tree was down along the 200 Block of Welford Road.				
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BALTIMORE CITY (C) COUNTY --- 0.5 ENE CAMDEN [39.28, -76.62]				
	07/27/18 16:30 EST		0	Hail (1.25 in)
	07/27/18 16:30 EST		0	Source: Public
Half dollar sized hail was reported at Oriole Park.				
<hr/>				
MONTGOMERY COUNTY --- 1.6 W CEDAR GROVE [39.25, -77.26]				
	07/27/18 16:30 EST		0	Thunderstorm Wind (EG 50 kt)
	07/27/18 16:30 EST		0	Source: Law Enforcement
A tree was down on wires along the 23900 Block of Stringtown Road.				
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FREDERICK COUNTY --- 1.4 WSW UNIONVILLE [39.47, -77.21]				
	07/27/18 16:34 EST		0	Thunderstorm Wind (EG 50 kt)
	07/27/18 16:34 EST		0	Source: Law Enforcement
Wires were down along the 8700 Block of Mapleville Road.				
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BALTIMORE COUNTY --- 0.8 SSW FORK [39.46, -76.46]				
	07/27/18 16:47 EST		0	Thunderstorm Wind (EG 50 kt)
	07/27/18 16:47 EST		0	Source: 911 Call Center

Storm Data and Unusual Weather Phenomena - July 2018

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
A tree was down at Glen Arm Road and Hartford Road.				
HARFORD COUNTY --- 0.7 NNW FALLSTON ARPT [39.51, -76.43]				
	07/27/18 16:50 EST	0		Thunderstorm Wind (EG 50 kt)
	07/27/18 16:50 EST	0		Source: 911 Call Center
A tree was down on the 2700 Block of Laurel Brook Road.				
HARFORD COUNTY --- 0.5 SW SINGER [39.47, -76.34]				
	07/27/18 16:57 EST	0		Thunderstorm Wind (EG 50 kt)
	07/27/18 16:57 EST	0		Source: Emergency Manager
A tree was down near the intersection of Singer Road and Winters Run Road.				
HARFORD COUNTY --- 1.7 WSW BYNUM [39.56, -76.40]				
	07/27/18 16:58 EST	0		Thunderstorm Wind (EG 50 kt)
	07/27/18 16:58 EST	0		Source: Emergency Manager
A tree was down near the intersection of Grafton Shop Road and Osborne Parkway.				
HARFORD COUNTY --- 0.7 SW BEL AIR [39.52, -76.36]				
	07/27/18 17:00 EST	0		Thunderstorm Wind (EG 52 kt)
	07/27/18 17:00 EST	0		Source: Emergency Manager
A tree limb was down blocking the roadway near the intersection of North Tollgate Road and Boulton Street. Large trees were also across the roadway near the intersection of Barnes Street and Powell Avenue. A tree was down across both lanes of Stafford Road near Susuquehanna Stage Park. Two trees were down on James Run Road near the intersection with Tower Road. A tree was down on Wesleyan Drive near the intersection of State Route 136.				
HARFORD COUNTY --- 0.8 ENE EMMORTON [39.50, -76.31]				
	07/27/18 17:00 EST	0		Thunderstorm Wind (EG 50 kt)
	07/27/18 17:00 EST	0		Source: Emergency Manager
A tree was down near the intersection of East Wheel Road and Cedar Lane.				
HARFORD COUNTY --- 0.8 WSW ABINGDON [39.46, -76.28]				
	07/27/18 17:00 EST	0		Thunderstorm Wind (EG 50 kt)
	07/27/18 17:00 EST	0		Source: Emergency Manager
A tree was down near the intersection of Federal Lane and Abingdon Road.				
HARFORD COUNTY --- 0.4 SSE EMMORTON [39.49, -76.32]				
	07/27/18 17:01 EST	0		Thunderstorm Wind (EG 50 kt)
	07/27/18 17:01 EST	0		Source: Emergency Manager
A tree was down near the intersection of Laurel Bush Road and Temple Drive.				
HARFORD COUNTY --- 0.7 NNE SEWELL [39.48, -76.25]				
	07/27/18 17:01 EST	0		Thunderstorm Wind (EG 50 kt)
	07/27/18 17:01 EST	0		Source: Emergency Manager
A tree was down near the intersection of Belcamp Road and Sanford Court.				
HARFORD COUNTY --- 1.3 S BELCAMP [39.45, -76.23]				
	07/27/18 17:01 EST	0		Thunderstorm Wind (EG 50 kt)
	07/27/18 17:01 EST	0		Source: Emergency Manager
A tree and wires were down near the intersection of Forest Green Road and Park Beach Drive.				
HARFORD COUNTY --- 0.1 SE STEPNEY [39.48, -76.20]				

Storm Data and Unusual Weather Phenomena - July 2018

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/27/18 17:04 EST		0	Thunderstorm Wind (EG 50 kt)
	07/27/18 17:04 EST		0	Source: Emergency Manager
A tree was down near the intersection of MD-159 Perryman Road and Cranberry Road.				
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HARFORD COUNTY --- 0.6 NNW ABINGDON [39.48, -76.27]				
	07/27/18 17:04 EST		0	Thunderstorm Wind (EG 50 kt)
	07/27/18 17:04 EST		0	Source: Emergency Manager
A tree was down in the 1000 Block of Hookers Mill Road.				
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HARFORD COUNTY --- 0.8 SSW GLENWOOD [39.51, -76.33]				
	07/27/18 17:04 EST		0	Thunderstorm Wind (EG 50 kt)
	07/27/18 17:04 EST		0	Source: Emergency Manager
A tree was down near the intersection of Westwood Drive and Bonnie Avenue.				
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HARFORD COUNTY --- 1.9 SW CALVARY [39.51, -76.28]				
	07/27/18 17:07 EST		0	Thunderstorm Wind (EG 50 kt)
	07/27/18 17:07 EST		0	Source: Emergency Manager
A tree was down blocking the roadway in the 1700 Block of South Fountain Green Road.				
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HARFORD COUNTY --- 1.1 N CALVARY [39.55, -76.25]				
	07/27/18 17:08 EST		0	Thunderstorm Wind (EG 50 kt)
	07/27/18 17:08 EST		0	Source: Emergency Manager
Wires were down near the intersection of MD-136 Calvary Road and Graftons Lane as well as the 400 block of Calvary Road.				
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BALTIMORE COUNTY --- 1.0 SSW OVERLEA [39.36, -76.53]				
	07/27/18 20:37 EST		0	Thunderstorm Wind (EG 50 kt)
	07/27/18 20:37 EST		0	Source: Broadcast Media
Numerous trees were down on Rosemont Avenue.				
A cold front passed through the area on the 27th. Ahead of the boundary, a southerly flow led to plenty of moisture an unstable atmosphere. A potent upper-level low caused stronger winds aloft as well. Some thunderstorms associated with the cold front became severe due to the instability and stronger winds aloft.				
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BALTIMORE COUNTY --- 1.2 SSW HEBBVILLE [39.33, -76.79], 1.2 SSW HEBBVILLE [39.33, -76.79], 1.3 SSW HEBBVILLE [39.33, -76.79], 1.2 SW HEBBVILLE [39.34, -76.79]				
	07/27/18 16:45 EST		0	Flood (due to Heavy Rain)
	07/27/18 18:45 EST		0	Source: 911 Call Center
Ridge Road closed in the 2400 block due to flooding.				
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BALTIMORE COUNTY --- 0.6 N PARKVILLE [39.39, -76.55], 0.6 N PARKVILLE [39.39, -76.55], 0.6 N PARKVILLE [39.39, -76.55], 0.6 N PARKVILLE [39.39, -76.55]				
	07/27/18 16:50 EST		0	Flood (due to Heavy Rain)
	07/27/18 18:45 EST		0	Source: 911 Call Center
Putty Hill Avenue flooded and closed near Towson.				
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BALTIMORE COUNTY --- 1.0 WNW OAKLEIGH [39.40, -76.57], 1.0 WNW OAKLEIGH [39.40, -76.57], 0.9 WNW OAKLEIGH [39.40, -76.57], 0.9 WNW OAKLEIGH [39.40, -76.57]				
	07/27/18 16:58 EST		0	Flash Flood (due to Heavy Rain)
	07/27/18 19:00 EST		0	Source: 911 Call Center
Flash flooding due to torrential rain was reported near the intersection of Cromwell Bridge Road and Cowpens Avenue, with road closures.				
<hr/>				
BALTIMORE COUNTY --- 0.8 SSE HALETHORPE [39.24, -76.69], 0.8 SSE HALETHORPE [39.24, -76.69], 0.8 NNE RELAY [39.24, -76.69], 0.8 NNE RELAY [39.24, -76.69]				

Storm Data and Unusual Weather Phenomena - July 2018

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/27/18 17:03 EST		0	Flash Flood (due to Heavy Rain)
	07/27/18 17:17 EST		0	Source: River/Stream Gage

The USGS stream gage on East Branch Herbert Run near Arbutus rapidly and briefly exceeded the 7 foot flood stage during the indicated period, sending water into nearby yards. The peak level of 7.28 feet occurred at 5:10pm EST.

HARFORD COUNTY --- 1.5 E SINGER [39.48, -76.30], 1.5 E SINGER [39.48, -76.30], 1.5 E SINGER [39.48, -76.30], 1.5 E SINGER [39.48, -76.30]				
	07/27/18 17:09 EST		0	Flash Flood (due to Heavy Rain)
	07/27/18 18:30 EST		0	Source: Emergency Manager

Two to three feet of water over the road following torrential rains near the intersection of Kensington Parkway and Harrogate Way.

HARFORD COUNTY --- 1.3 N BEL AIR [39.55, -76.35], 1.2 N BEL AIR [39.55, -76.35], 1.2 N BEL AIR [39.55, -76.35], 1.3 N BEL AIR [39.55, -76.35]				
	07/27/18 17:27 EST		0	Flash Flood (due to Heavy Rain)
	07/27/18 19:00 EST		0	Source: Emergency Manager

Flash flooding due to torrential rain occurred at the intersection of Conowingo Road and Moores Mill Road near Bynum Run.

FREDERICK COUNTY --- 1.6 SW IJAMSVILLE [39.35, -77.35], 1.6 SW IJAMSVILLE [39.35, -77.35], 1.6 SW IJAMSVILLE [39.35, -77.35], 1.6 SW IJAMSVILLE [39.35, -77.35]				
	07/27/18 17:28 EST		0	Flood (due to Heavy Rain)
	07/27/18 19:30 EST		0	Source: Law Enforcement

Ball Road flooded and closed between Tabler Road and Ijamsville Road.

BALTIMORE CITY (C) COUNTY --- 3.6 E CATONSVILLE MANOR [39.29, -76.65], 3.6 E CATONSVILLE MANOR [39.29, -76.65], 3.6 E CATONSVILLE MANOR [39.29, -76.65], 3.6 E CATONSVILLE MANOR [39.29, -76.65]				
	07/27/18 17:32 EST		0	Flash Flood (due to Heavy Rain)
	07/27/18 19:30 EST		0	Source: Broadcast Media

US 40 flooded and closed due to torrential rain near the West Baltimore MARC station.

BALTIMORE COUNTY --- 0.8 N CATONSVILLE MANOR [39.31, -76.72], 0.8 N CATONSVILLE MANOR [39.31, -76.72], 0.8 NNE CATONSVILLE MANOR [39.31, -76.72], 0.8 NNE CATONSVILLE MANOR [39.31, -76.72]				
	07/27/18 17:45 EST		0	Flash Flood (due to Heavy Rain)
	07/27/18 19:45 EST		0	Source: 911 Call Center

Security Boulevard flooded and closed after torrential rains near Kernan Drive.

BALTIMORE COUNTY --- 0.7 SW GLEN ARM [39.44, -76.51], 0.7 SW GLEN ARM [39.44, -76.51], 0.7 SW GLEN ARM [39.44, -76.51], 0.7 SW GLEN ARM [39.44, -76.51]				
	07/27/18 17:53 EST		0	Flash Flood (due to Heavy Rain)
	07/27/18 20:00 EST		0	Source: Broadcast Media

Notchcliff Road flooded and closed after torrential rains swelled Cowen Run near Glen Arm Road.

BALTIMORE CITY (C) COUNTY --- 0.5 NNW MT ROYAL [39.33, -76.63], 0.5 NNW MT ROYAL [39.33, -76.63], 0.4 NNW MT ROYAL [39.33, -76.63], 0.3 NNW MT ROYAL [39.32, -76.63]				
	07/27/18 18:00 EST		0	Flash Flood (due to Heavy Rain)
	07/27/18 20:00 EST		0	Source: Broadcast Media

Torrential rain forced cars to be stuck in high water on Falls Road, with nearby ramps to Interstate 83 also flooded, blocking traffic.

HARFORD COUNTY --- 0.6 SW SINGER [39.47, -76.34], 0.5 SW SINGER [39.47, -76.34], 0.6 SSW SINGER [39.47, -76.34], 0.6 SW SINGER [39.47, -76.34]				
	07/27/18 19:32 EST		0	Flash Flood (due to Heavy Rain)
	07/27/18 20:20 EST		0	Source: River/Stream Gage

The USGS stream gage on Otter Point rapidly but briefly exceeded the 8 foot flood stage during the indicated period, causing flooding on Winters Run Road. The peak of 8.39 feet occurred at 8:00pm EST.

Heavy rain fell on saturated ground during the afternoon and evening of July 27th in the Baltimore metro area. One to three inches of rain was observed, along with numerous instances of flooding.

Storm Data and Unusual Weather Phenomena - July 2018

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
ST. MARY'S COUNTY --- 0.5 ESE ST INIGOES [38.15, -76.39], 0.6 ESE ST INIGOES [38.15, -76.39], 0.6 ESE ST INIGOES [38.15, -76.39], 0.6 ESE ST INIGOES [38.15, -76.39]				
	07/30/18 07:55 EST		0	Flood (due to Heavy Rain)
	07/30/18 09:30 EST		0	Source: 911 Call Center
Point Lookout Road flooded and closed at Beachville Road.				

ST. MARY'S COUNTY --- 0.9 N ST INIGOES [38.16, -76.40], 0.9 N ST INIGOES [38.16, -76.40], 0.9 N ST INIGOES [38.16, -76.40], 0.8 N ST INIGOES [38.16, -76.40]				
	07/30/18 08:01 EST		0	Flood (due to Heavy Rain)
	07/30/18 10:00 EST		0	Source: 911 Call Center
Point Lookout Road flooded and closed near Church Creek north of the Villa Road intersection.				

ST. MARY'S COUNTY --- 0.7 N ST INIGOES [38.16, -76.40], 0.7 N ST INIGOES [38.16, -76.40], 0.8 N ST INIGOES [38.16, -76.40], 0.7 N ST INIGOES [38.16, -76.40]				
	07/30/18 08:25 EST		0	Flood (due to Heavy Rain)
	07/30/18 10:00 EST		0	Source: County Official
Villa Road flooded and closed near Point Lookout Road, with high water reported over the entire roadway.				

ST. MARY'S COUNTY --- 0.4 ESE BEACHVILLE [38.15, -76.41], 0.4 ESE BEACHVILLE [38.15, -76.41], 0.5 WSW ST INIGOES [38.15, -76.41], 0.5 WSW ST INIGOES [38.15, -76.41]				
	07/30/18 08:45 EST		0	Flood (due to Heavy Rain)
	07/30/18 10:45 EST		0	Source: County Official
Beachville Road was reported flooded and closed between Grayson Road and Jutland Road.				

Isolated heavy rain during the morning hours of July 30th totalled over four inches in southern Saint Mary's County, causing several localized instances of flooding.

ALLEGANY COUNTY --- 3.8 ESE RIDGELEY [39.60, -78.59], 3.8 ESE RIDGELEY [39.61, -78.59], 3.8 ESE RIDGELEY [39.61, -78.59], 3.9 ESE RIDGELEY [39.60, -78.59]				
	07/31/18 19:44 EST		0	Flood (due to Heavy Rain)
	07/31/18 21:00 EST		0	Source: 911 Call Center
Bear Hill Road flooded and closed due to heavy rain.				

ALLEGANY COUNTY --- 3.9 S FLINTSTONE [39.64, -78.56], 3.9 S FLINTSTONE [39.64, -78.56], 4.4 S FLINTSTONE [39.64, -78.56], 4.4 S FLINTSTONE [39.64, -78.56]				
	07/31/18 19:45 EST		0	Flood (due to Heavy Rain)
	07/31/18 21:00 EST		0	Source: 911 Call Center
Portions of Town Creek Road were flooded and closed.				

Isolated heavy rain occurred in Allegany County, Maryland during the evening of July 31st. Over three inches was reported, with a couple isolated instances of flooding.

VIRGINIA, North

(VA-Z027) SHENANDOAH, (VA-Z028) FREDERICK, (VA-Z030) WARREN, (VA-Z031) CLARKE, (VA-Z040) RAPPAHANNOCK, (VA-Z051) CULPEPER, (VA-Z052) PRINCE WILLIAM, (VA-Z053) FAIRFAX, (VA-Z054) ARLINGTON, (VA-Z055) STAFFORD, (VA-Z056) SPOTSYLVANIA, (VA-Z057) KING GEORGE, (VA-Z501) NORTHERN FAUQUIER, (VA-Z502) SOUTHERN FAUQUIER, (VA-Z505) WESTERN LOUDOUN, (VA-Z506) EASTERN LOUDOUN				
	07/02/18 11:00 EST		0	Heat
	07/02/18 19:00 EST		0	
An upper-level high along with surface high over the western Atlantic led to hot and humid conditions.				

FREDERICK COUNTY --- 2.8 NW SILER [39.38, -78.29]

Storm Data and Unusual Weather Phenomena - July 2018

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/02/18 17:00 EST		0	Thunderstorm Wind (EG 50 kt)
	07/02/18 17:00 EST		0	Source: 911 Call Center
Trees were down near the intersection of Chapel Hill road and Wesley Chapel Road.				
A hot and humid air mass led to an unstable atmosphere. A few storms became severe.				
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(VA-Z025) AUGUSTA, (VA-Z026) ROCKINGHAM, (VA-Z027) SHENANDOAH, (VA-Z028) FREDERICK, (VA-Z029) PAGE, (VA-Z030) WARREN, (VA-Z031) CLARKE, (VA-Z036) NELSON, (VA-Z037) ALBEMARLE, (VA-Z038) GREENE, (VA-Z039) MADISON, (VA-Z040) RAPPAHANNOCK, (VA-Z050) ORANGE, (VA-Z051) CULPEPER, (VA-Z052) PRINCE WILLIAM, (VA-Z055) STAFFORD, (VA-Z056) SPOTSYLVANIA, (VA-Z057) KING GEORGE, (VA-Z501) NORTHERN FAUQUIER, (VA-Z502) SOUTHERN FAUQUIER, (VA-Z505) WESTERN LOUDOUN, (VA-Z506) EASTERN LOUDOUN				
	07/03/18 11:00 EST		0	Heat
	07/03/18 19:00 EST		0	
<hr/>				
(VA-Z053) FAIRFAX, (VA-Z054) ARLINGTON				
	07/03/18 13:00 EST		0	Excessive Heat
	07/03/18 19:00 EST		0	
<hr/>				
An upper-level high along with surface high over the western Atlantic led to hot and humid conditions.				
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PAGE COUNTY --- 0.4 SSE VERBENA [38.46, -78.62]				
	07/04/18 12:38 EST		0	Thunderstorm Wind (EG 50 kt)
	07/04/18 12:38 EST		0	Source: Broadcast Media
Several pine trees were down on Route 340 near Naked Creek Road.				
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ROCKINGHAM COUNTY --- 0.4 SW SPRING CREEK [38.40, -79.04]				
	07/04/18 13:44 EST		0	Thunderstorm Wind (EG 50 kt)
	07/04/18 13:44 EST		0	Source: 911 Call Center
Trees were down on power lines near the intersection of Spring Creek Road and Sangersville Road.				
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FREDERICK COUNTY --- 4.0 NW SILER [39.39, -78.30]				
	07/04/18 14:05 EST		0	Thunderstorm Wind (EG 50 kt)
	07/04/18 14:05 EST		0	Source: 911 Call Center
A small tree was down in the 9500 block of Old Frederick Pike.				
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AUGUSTA COUNTY --- 0.6 SE CAMP MAY FLATHER [38.36, -79.16]				
	07/04/18 14:20 EST		0	Thunderstorm Wind (EG 50 kt)
	07/04/18 14:20 EST		0	Source: 911 Call Center
Trees were down near the intersection of Tillman Road and Stokesville Road.				
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FREDERICK COUNTY --- 0.6 SSW ALBIN [39.21, -78.19]				
	07/04/18 15:17 EST		0	Thunderstorm Wind (EG 50 kt)
	07/04/18 15:17 EST		0	Source: 911 Call Center
Numerous trees were down along North Frederick Pike.				
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SHENANDOAH COUNTY --- 1.3 W COLUMBIA FURNACE [38.87, -78.64]				
	07/04/18 15:30 EST		0	Thunderstorm Wind (EG 50 kt)
	07/04/18 15:30 EST		0	Source: 911 Call Center
Senedo Road was blocked by downed trees.				
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SHENANDOAH COUNTY --- 1.1 NNE READUS [38.87, -78.59]				
	07/04/18 15:52 EST		0	Thunderstorm Wind (EG 52 kt)
	07/04/18 15:52 EST		0	Source: 911 Call Center
Part of a roof was blown off a house on Rittenour Road.				

Storm Data and Unusual Weather Phenomena - July 2018

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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A hot and humid air mass led to an unstable atmosphere. A few storms became severe.

FREDERICK COUNTY --- 1.4 NW WINCHESTER ARPT [39.16, -78.17], 1.4 NW WINCHESTER ARPT [39.16, -78.17], 1.1 NW WINCHESTER ARPT [39.16, -78.16], 1.1 NW WINCHESTER ARPT [39.16, -78.16]

07/04/18 16:10 EST	0	Flood (due to Heavy Rain)
07/04/18 18:00 EST	0	Source: Public

Abrams Creek was reported to be out of its banks near Winchester, with several inches of water flowing across the driveways of businesses.

SHENANDOAH COUNTY --- 0.6 NW COLUMBIA FURNACE [38.88, -78.63], 0.6 NNW COLUMBIA FURNACE [38.88, -78.63], 0.5 NNW COLUMBIA FURNACE [38.88, -78.63], 0.5 NW COLUMBIA FURNACE [38.88, -78.63]

07/04/18 16:45 EST	0	Flood (due to Heavy Rain)
07/04/18 18:45 EST	0	Source: Trained Spotter

Flooding was reported in Columbia Furnace near the intersection of Wolf Gap Road and Back Road. The road was impassable.

SHENANDOAH COUNTY --- 0.4 E EDINBURG [38.82, -78.56], 0.4 E EDINBURG [38.82, -78.56], 0.4 E EDINBURG [38.82, -78.56], 0.4 E EDINBURG [38.82, -78.56]

07/04/18 18:48 EST	0	Flood (due to Heavy Rain)
07/04/18 21:00 EST	0	Source: Department of Highways

Palmyra Road closed at Stony Creek in Edinburg.

SHENANDOAH COUNTY --- 0.4 SW CALVARY [38.87, -78.56], 0.6 SW CALVARY [38.86, -78.56], 0.6 SSW CALVARY [38.86, -78.56], 0.5 S CALVARY [38.86, -78.55], 0.4 S CALVARY [38.86, -78.55]

07/04/18 18:48 EST	0	Flood (due to Heavy Rain)
07/04/18 21:00 EST	0	Source: Department of Highways

Route 605 flooded and closed near Narrow Passage Creek.

SHENANDOAH COUNTY --- 0.6 N MAURERTOWN [38.94, -78.45], 0.6 N MAURERTOWN [38.94, -78.45], 0.6 N MAURERTOWN [38.94, -78.45], 0.6 N MAURERTOWN [38.94, -78.45]

07/04/18 18:48 EST	0	Flood (due to Heavy Rain)
07/04/18 21:00 EST	0	Source: Department of Highways

Toll House Road flooded and closed near Toms Brook.

SHENANDOAH COUNTY --- 1.2 ESE READUS [38.84, -78.58], 1.2 ESE READUS [38.84, -78.58], 1.1 ENE LANTZ MILLS [38.84, -78.58], 1.1 ENE LANTZ MILLS [38.84, -78.58]

07/04/18 18:48 EST	0	Flood (due to Heavy Rain)
07/04/18 21:00 EST	0	Source: Department of Highways

Barbershop Road flooded and closed near Edinburg.

Scattered showers and thunderstorms developed on the afternoon of July 4th across western Virginia. One to three inches of rain caused isolated flooding in Shenandoah and Frederick Counties.

NELSON COUNTY --- 1.3 NE COLLEEN [37.71, -78.93]

07/11/18 14:35 EST	0	Thunderstorm Wind (EG 50 kt)
07/11/18 14:35 EST	0	Source: 911 Call Center

A tree was down on Tye Brook Highway and Route 56.

An isolated thunderstorm produced damaging wind gusts.

WAYNESBORO (C) COUNTY --- 0.5 W WAYNESBORO [38.07, -78.89], 0.5 W WAYNESBORO [38.07, -78.89], 0.5 W WAYNESBORO [38.07, -78.89], 0.5 WSW WAYNESBORO [38.07, -78.89]

07/11/18 17:50 EST	0	Flood (due to Heavy Rain)
07/11/18 19:30 EST	0	Source: 911 Call Center

Flooding on Main Street in Waynesboro near Wayne Avenue forced a road closure.

Storm Data and Unusual Weather Phenomena - July 2018

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
WAYNESBORO (C) COUNTY --- 0.7 SW WAYNESBORO [38.06, -78.89], 0.7 SW WAYNESBORO [38.06, -78.89], 0.7 SW WAYNESBORO [38.06, -78.89], 0.7 SW WAYNESBORO [38.06, -78.89]				
	07/11/18 18:10 EST		0	Flood (due to Heavy Rain)
	07/11/18 20:00 EST		0	Source: 911 Call Center
Road closure due to high water at Market Avenue and 12th Street in Waynesboro.				
WAYNESBORO (C) COUNTY --- 1.6 ESE WAYNESBORO ARPT [38.07, -78.90], 1.6 ESE WAYNESBORO ARPT [38.07, -78.90], 1.6 ESE WAYNESBORO ARPT [38.07, -78.90], 1.6 ESE WAYNESBORO ARPT [38.07, -78.90]				
	07/11/18 18:13 EST		0	Flood (due to Heavy Rain)
	07/11/18 20:00 EST		0	Source: 911 Call Center
Flooding on W 12th Street near Linden Avenue forced a road closure.				
An isolated thunderstorm produced over an inch of rain in the City of Waynesboro during the evening of July 11th, causing localized flooding.				
WARREN COUNTY --- 3.3 SE MILLDALE [38.97, -78.06]				
	07/15/18 16:20 EST		0	Thunderstorm Wind (EG 50 kt)
	07/15/18 16:20 EST		0	Source: 911 Call Center
A large tree was down near the intersection of Wells Drive and Ehlers Drive.				
An isolated thunderstorm produced damaging wind gusts.				
ORANGE COUNTY --- 0.7 S UNIONVILLE [38.26, -77.97]				
	07/16/18 16:26 EST		0	Thunderstorm Wind (EG 50 kt)
	07/16/18 16:26 EST		0	Source: 911 Call Center
A tree was reported down in the Unionville area.				
ORANGE COUNTY --- 0.9 NW MINE RUN [38.26, -77.84]				
	07/16/18 16:39 EST		0	Thunderstorm Wind (EG 50 kt)
	07/16/18 16:39 EST		0	Source: 911 Call Center
Two reports of trees were down in the Mine Run/Locust Grove section of the county.				
An unstable atmosphere led to a couple severe thunderstorms.				
FAIRFAX COUNTY --- 1.0 WNW WELLINGTON [38.75, -77.07]				
	07/17/18 14:30 EST		0	Thunderstorm Wind (EG 50 kt)
	07/17/18 14:30 EST		0	Source: 911 Call Center
A tree was down blocking the road near Whiteoaks Drive and Mason Hill Drive.				
A cold front passed through on the 17th, and southwest winds ahead of the boundary led to an unstable atmosphere. The instability combined with the lift from the cold front to produced a severe thunderstorm.				
ALEXANDRIA (C) COUNTY --- 0.2 SSE POTOMAC YARD [38.83, -77.08], 0.2 SSE POTOMAC YARD [38.83, -77.08], 0.3 SSE POTOMAC YARD [38.83, -77.08], 0.3 SSE POTOMAC YARD [38.83, -77.08]				
	07/17/18 15:03 EST		0	Flood (due to Heavy Rain)
	07/17/18 17:00 EST		0	Source: Social Media
Valley Drive was flooded, with water flowing across and down the street near Timber Branch and the Braddock Road intersection.				
ARLINGTON COUNTY --- 1.7 S SOUTH WASHINGTON [38.85, -77.05], 1.7 S SOUTH WASHINGTON [38.85, -77.05], 1.9 S SOUTH WASHINGTON [38.84, -77.05], 1.9 S SOUTH WASHINGTON [38.84, -77.05]				
	07/17/18 15:05 EST		0.10M	Flood (due to Heavy Rain)
	07/17/18 17:00 EST		0	Source: Social Media

Storm Data and Unusual Weather Phenomena - July 2018

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<p>Approximately 25 vehicles were damaged after heavy rains overwhelmed storm drains, forcing a buildup of water in a low area along George Washington Memorial Parkway near Reagan National Airport. 40 people were rescued from their vehicles during the evening rush hour. The road was impassable for a period until drainage could catch up.</p>				
<p>Heavy rain developed in the DC/Baltimore corridor during the afternoon of July 17th ahead of an approaching cold front. Rainfall of 1 to 3 inches caused flooding during rush hour, mainly due to standing water.</p>				
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STAFFORD COUNTY --- 1.5 SW FERRY FARMS [38.30, -77.45], 1.5 SW FERRY FARMS [38.30, -77.45], 1.5 SW FERRY FARMS [38.30, -77.45], 1.5 SW FERRY FARMS [38.30, -77.45]				
	07/21/18 15:29 EST		0	Flood (due to Heavy Rain)
	07/21/18 17:30 EST		0	Source: Department of Highways
Kings Highway flooded and closed near Fredericksburg.				
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STAFFORD COUNTY --- 0.9 NW FERRY FARMS [38.33, -77.44], 0.8 WNW FERRY FARMS [38.33, -77.44], 0.8 NW FERRY FARMS [38.33, -77.44], 0.9 NW FERRY FARMS [38.33, -77.44]				
	07/21/18 15:38 EST		0	Flood (due to Heavy Rain)
	07/21/18 17:30 EST		0	Source: Department of Highways
Deacon Road flooded and closed near Harrell Road.				
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PRINCE WILLIAM COUNTY --- 0.4 NW WOODBRIDGE [38.65, -77.25], 0.4 NW WOODBRIDGE [38.65, -77.25], 0.4 NW WOODBRIDGE [38.65, -77.25], 0.4 NW WOODBRIDGE [38.65, -77.25]				
	07/21/18 15:45 EST		0	Flood (due to Heavy Rain)
	07/21/18 17:30 EST		0	Source: 911 Call Center
Easy Street closed over Marumsco Creek due to water flowing over the road.				
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SPOTSYLVANIA COUNTY --- 0.9 WSW HOWISON [38.28, -77.47], 0.8 WSW HOWISON [38.28, -77.46], 0.8 WSW HOWISON [38.28, -77.46], 0.8 WSW HOWISON [38.28, -77.46]				
	07/21/18 16:04 EST		0	Flood (due to Heavy Rain)
	07/21/18 18:00 EST		0	Source: Department of Highways
Shannon Drive flooded and closed south of Fredericksburg.				
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PRINCE WILLIAM COUNTY --- 1.2 S BRISTOW [38.70, -77.53], 1.2 S BRISTOW [38.70, -77.53], 1.2 S BRISTOW [38.70, -77.53], 1.1 S BRISTOW [38.70, -77.53]				
	07/21/18 16:35 EST		0	Flood (due to Heavy Rain)
	07/21/18 18:30 EST		0	Source: Department of Highways
Valley View Drive flooded and closed south of Bristow.				
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FAIRFAX COUNTY --- 0.7 NNW SWINKS MILL [38.96, -77.21], 0.7 NNW SWINKS MILL [38.96, -77.21], 0.7 NNW SWINKS MILL [38.96, -77.21], 0.7 NNW SWINKS MILL [38.96, -77.21]				
	07/21/18 16:48 EST		0	Flood (due to Heavy Rain)
	07/21/18 18:30 EST		0	Source: Broadcast Media
Virginia Route 193 (Georgetown Pike) was impassable due to high water on Scott Run near Swinks Mill Road.				
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ALEXANDRIA (C) COUNTY --- 1.9 WSW ALEXANDRIA [38.81, -77.11], 1.8 WSW ALEXANDRIA [38.81, -77.11], 1.7 SW ALEXANDRIA [38.81, -77.10], 1.3 S ALEXANDRIA [38.80, -77.08], 2.1 SSE ALEXANDRIA [38.79, -77.06], 2.1 SSE ALEXANDRIA [38.79, -77.06], 1.8 SW ALEXANDRIA [38.80, -77.10]				
	07/21/18 17:05 EST		0	Flood (due to Heavy Rain)
	07/21/18 22:47 EST		0	Source: River/Stream Gage
Multiple stream gages on Cameron Run exceeded their flood stages during the time indicated. The gage at the Metro Yellow Line bridge near Huntington exceeded flood stage during the entire time indicated, while gages upstream exceeded flood stage for a shorter period of time. The main impact was to trails along the stream.				
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PRINCE WILLIAM COUNTY --- 3.1 W ADEN [38.65, -77.59], 3.1 W ADEN [38.65, -77.59], 3.1 W ADEN [38.65, -77.59], 3.0 W ADEN [38.65, -77.59], 3.0 W ADEN [38.65, -77.59], 3.1 W ADEN [38.65, -77.59]				
	07/21/18 17:10 EST		0	Flood (due to Heavy Rain)
	07/21/18 19:00 EST		0	Source: Department of Highways

Storm Data and Unusual Weather Phenomena - July 2018

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Carriage Ford Road flooded and closed near Hazelwood Drive.				
PRINCE WILLIAM COUNTY --- 0.8 N BRISTOW [38.73, -77.53], 0.4 NNW BRISTOW [38.73, -77.53], 0.4 N BRISTOW [38.73, -77.53], 0.4 N BRISTOW [38.73, -77.53], 1.0 N BRISTOW [38.73, -77.53], 1.1 N BRISTOW [38.73, -77.53]				
	07/21/18 17:24 EST	0		Flood (due to Heavy Rain)
	07/22/18 08:02 EST	0		Source: River/Stream Gage
The stream gage on Broad Run near Bristow exceeded the flood stage of 9.5 feet during the indicated period. The peak level of 14.20 feet occurred at 9:06pm EST on July 21st. Piper Lane was significantly flooded near Manassas Airport, along with streamside trails.				
FAIRFAX COUNTY --- 1.5 SW MERRIFIELD [38.85, -77.25], 1.4 SW MERRIFIELD [38.85, -77.25], 1.1 W TREMONT [38.85, -77.24], 0.9 WSW TREMONT [38.85, -77.24], 1.0 WSW TREMONT [38.85, -77.24]				
	07/21/18 17:25 EST	0		Flood (due to Heavy Rain)
	07/22/18 01:43 EST	0		Source: River/Stream Gage
The stream gage on Accotink Creek near Annandale exceeded the flood stage of 9.5 feet during the indicated period. The peak level of 12.49 feet occurred at 9:45pm EST on July 21st. Prosperity Avenue and Woodburn Road were flooded, along with parkland.				
SPOTSYLVANIA COUNTY --- 0.2 SW MARYE [38.08, -77.58], 0.2 SW MARYE [38.08, -77.58], 0.2 SW MARYE [38.08, -77.58], 0.2 SW MARYE [38.08, -77.58]				
	07/21/18 17:25 EST	0		Flood (due to Heavy Rain)
	07/21/18 19:30 EST	0		Source: Department of Highways
Twilight Lane flooded and closed near Marye Road.				
PRINCE WILLIAM COUNTY --- 1.2 NE NOKESVILLE [38.71, -77.56], 1.2 NE NOKESVILLE [38.71, -77.56], 1.2 NE NOKESVILLE [38.71, -77.56], 1.2 NE NOKESVILLE [38.71, -77.56]				
	07/21/18 17:28 EST	0		Flood (due to Heavy Rain)
	07/21/18 18:30 EST	0		Source: Department of Highways
Northbound Route 28 flooded and impassable near Aden Road.				
FAUQUIER COUNTY --- 1.5 ENE BRISTERSBURG [38.59, -77.60], 1.5 ENE BRISTERSBURG [38.59, -77.59], 1.5 WSW SOWEGO [38.59, -77.59], 1.5 ENE BRISTERSBURG [38.59, -77.59]				
	07/21/18 17:32 EST	0		Flood (due to Heavy Rain)
	07/21/18 19:30 EST	0		Source: Department of Highways
Courthouse Road flooded and closed at Town Run between Brent Town Road and Elk Run Road.				
FAIRFAX COUNTY --- 1.0 WSW TREMONT [38.85, -77.24], 1.0 WSW TREMONT [38.85, -77.24], 1.0 WSW TREMONT [38.85, -77.24], 0.9 WSW TREMONT [38.85, -77.24]				
	07/21/18 17:46 EST	0		Flood (due to Heavy Rain)
	07/21/18 19:30 EST	0		Source: Broadcast Media
Woodburn Road closed at Accotink Creek due to flowing water over the road.				
FAIRFAX COUNTY --- 0.5 WNW POHICK [38.70, -77.21], 0.5 WNW POHICK [38.70, -77.21], 0.5 WNW POHICK [38.70, -77.21], 0.5 WNW POHICK [38.70, -77.21]				
	07/21/18 17:59 EST	0		Flood (due to Heavy Rain)
	07/21/18 20:00 EST	0		Source: Department of Highways
Armistead Road flooded and closed near US 1.				
FAUQUIER COUNTY --- 1.8 WNW SOWEGO [38.61, -77.60], 1.8 WNW SOWEGO [38.61, -77.60], 1.8 WNW SOWEGO [38.61, -77.60], 1.8 WNW SOWEGO [38.61, -77.60]				
	07/21/18 18:04 EST	0		Flood (due to Heavy Rain)
	07/21/18 20:00 EST	0		Source: Department of Highways
Sowego Road flooded and closed at Town Run near Elk Run Road.				
PRINCE WILLIAM COUNTY --- 1.4 NNW ADEN [38.67, -77.54], 1.5 NNW ADEN [38.67, -77.54], 1.4 NNW ADEN [38.67, -77.54], 1.3 NNW ADEN [38.67, -77.54]				

Storm Data and Unusual Weather Phenomena - July 2018

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/21/18 18:12 EST		0	Flood (due to Heavy Rain)
	07/21/18 20:00 EST		0	Source: Department of Highways
Fleetwood Drive reported flooded and closed.				
KING GEORGE COUNTY --- 1.2 E HOOES [38.35, -77.05], 1.3 E HOOES [38.35, -77.05], 1.3 E HOOES [38.35, -77.05], 1.2 E HOOES [38.35, -77.05]				
	07/21/18 18:15 EST		0	Flood (due to Heavy Rain)
	07/21/18 19:15 EST		0	Source: 911 Call Center
Two to three feet of standing water covered the main entrance to the Dahlgren Naval Base.				
STAFFORD COUNTY --- 3.2 WSW RUBY [38.49, -77.58], 3.2 WSW RUBY [38.49, -77.58], 3.2 WSW RUBY [38.49, -77.58], 3.2 WSW RUBY [38.49, -77.58]				
	07/21/18 18:17 EST		0	Flood (due to Heavy Rain)
	07/21/18 19:30 EST		0	Source: Department of Highways
Heflin Road flooded and closed near Poplar Road.				
STAFFORD COUNTY --- 2.5 S MOUNTAIN VIEW [38.43, -77.47], 2.5 S MOUNTAIN VIEW [38.43, -77.47], 2.6 S MOUNTAIN VIEW [38.43, -77.47], 2.5 S MOUNTAIN VIEW [38.43, -77.47]				
	07/21/18 18:23 EST		0	Flood (due to Heavy Rain)
	07/21/18 20:00 EST		0	Source: Department of Highways
Ramoth Church Road flooded and closed near Courthouse Road.				
PRINCE WILLIAM COUNTY --- 1.1 ESE ADEN [38.64, -77.51], 1.1 ESE ADEN [38.64, -77.51], 1.2 ESE ADEN [38.64, -77.51], 1.2 ESE ADEN [38.64, -77.51]				
	07/21/18 18:25 EST		0	Flood (due to Heavy Rain)
	07/22/18 10:46 EST		0	Source: River/Stream Gage
The stream gage on Cedar Run near Aden exceeded the 10 foot flood stage during the indicated period. The peak level of 11.20 feet occurred at 1:33am EST on July 22nd. Aden Road flooded in the area.				
FAIRFAX COUNTY --- 1.5 WSW LEGATO [38.84, -77.40], 1.5 WSW LEGATO [38.84, -77.39], 1.5 WSW LEGATO [38.84, -77.39], 1.5 WSW LEGATO [38.84, -77.40]				
	07/21/18 18:39 EST		0	Flood (due to Heavy Rain)
	07/21/18 19:30 EST		0	Source: Department of Highways
US Highway 29 flooded and closed near Sandy Point Lane.				
FAIRFAX COUNTY --- 2.7 SW DONOVANS CORNER [38.74, -77.36], 2.7 SW DONOVANS CORNER [38.74, -77.36], 2.7 SW DONOVANS CORNER [38.74, -77.36], 2.7 SW DONOVANS CORNER [38.74, -77.36], 2.7 SW DONOVANS CORNER [38.74, -77.36], 2.7 SW DONOVANS CORNER [38.74, -77.36]				
	07/21/18 18:52 EST		0	Flash Flood (due to Heavy Rain)
	07/21/18 21:00 EST		0	Source: Law Enforcement
A motorist in a truck was stranded in high water on Lakewood Lane in the Clifton area.				
FAIRFAX COUNTY --- 0.2 WSW CLARKS CROSSING [38.92, -77.30], 0.2 WSW CLARKS CROSSING [38.92, -77.30], 0.2 SSW CLARKS CROSSING [38.92, -77.30], 0.2 SSW CLARKS CROSSING [38.92, -77.30]				
	07/21/18 19:00 EST		0	Flash Flood (due to Heavy Rain)
	07/21/18 21:00 EST		0	Source: Law Enforcement
Rapid flooding in the 10300 block of Lawyers Road forced the closure of the road.				
FAIRFAX COUNTY --- 0.6 E DONOVANS CORNER [38.77, -77.31], 0.6 E DONOVANS CORNER [38.77, -77.31], 0.6 E DONOVANS CORNER [38.77, -77.31], 0.6 E DONOVANS CORNER [38.77, -77.31]				
	07/21/18 19:00 EST		0	Flash Flood (due to Heavy Rain)
	07/21/18 21:00 EST		0	Source: Law Enforcement
Burke Lake Road flooded and closed near the outlet to Burke Lake due to torrential rain.				
FAIRFAX COUNTY --- 0.8 NW MC LEAN HAMLET [38.94, -77.24], 0.8 NW MC LEAN HAMLET [38.94, -77.24], 0.8 NW MC LEAN HAMLET [38.94, -77.24], 0.8 NW MC LEAN HAMLET [38.94, -77.24]				

Storm Data and Unusual Weather Phenomena - July 2018

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/21/18 19:00 EST		0	Flood (due to Heavy Rain)
	07/21/18 21:00 EST		0	Source: Law Enforcement
Lewinsville Road (Route 694) was flooded and closed in the 8500 block near Lewinsville Mews.				
FAIRFAX COUNTY --- 0.9 S SIDEBURN [38.79, -77.30], 0.9 S SIDEBURN [38.79, -77.30], 0.9 S SIDEBURN [38.79, -77.30], 1.0 S SIDEBURN [38.79, -77.30]				
	07/21/18 19:00 EST		0	Flash Flood (due to Heavy Rain)
	07/21/18 21:00 EST		0	Source: Law Enforcement
Burke Centre Parkway was flooded due to torrential rainfall and had to be closed near Burke Commons Road.				
FAIRFAX COUNTY --- 1.1 N ILDA [38.85, -77.25], 1.1 N ILDA [38.85, -77.25], 1.2 N ILDA [38.85, -77.25], 1.2 N ILDA [38.85, -77.25]				
	07/21/18 19:00 EST		0	Flash Flood (due to Heavy Rain)
	07/21/18 21:00 EST		0	Source: Law Enforcement
Prosperity Avenue flooded and closed due to torrential rain swelling area creeks north of Woodburn Road.				
FAIRFAX COUNTY --- 1.8 S KENMORE [38.92, -77.26], 1.7 S KENMORE [38.93, -77.26], 1.7 S KENMORE [38.93, -77.26], 1.8 S KENMORE [38.93, -77.26]				
	07/21/18 19:00 EST		0	Flood (due to Heavy Rain)
	07/21/18 21:00 EST		0	Source: Law Enforcement
Old Courthouse Road flooded and closed near Besley Road at Wolfrap Creek.				
FAIRFAX COUNTY --- 1.0 WSW TREMONT [38.85, -77.24], 1.0 WSW TREMONT [38.85, -77.24], 1.0 WSW TREMONT [38.85, -77.24], 0.9 WSW TREMONT [38.85, -77.24]				
	07/21/18 19:07 EST		0	Flash Flood (due to Heavy Rain)
	07/21/18 20:00 EST		0	Source: 911 Call Center
Accotink Creek was rain-swollen and flowing over Woodburn Road after torrential rains. A driver drove into the high rushing water and had to be rescued.				
PRINCE WILLIAM COUNTY --- 0.9 SW WEST GATE OF LOMOND [38.76, -77.51], 0.9 SW WEST GATE OF LOMOND [38.76, -77.51], 0.9 SW WEST GATE OF LOMOND [38.76, -77.51], 0.9 SW WEST GATE OF LOMOND [38.76, -77.51]				
	07/21/18 19:09 EST		0	Flood (due to Heavy Rain)
	07/21/18 21:00 EST		0	Source: Department of Highways
Wellington Road flooded and closed near Manassas.				
LOUDOUN COUNTY --- 0.6 NNE LENAHA [38.96, -77.57], 0.6 NNE LENAHA [38.96, -77.57], 0.6 NNE LENAHA [38.96, -77.57], 0.6 NNE LENAHA [38.96, -77.57]				
	07/21/18 19:20 EST		0	Flood (due to Heavy Rain)
	07/21/18 21:00 EST		0	Source: 911 Call Center
Fleetwood Road flooded and closed near Stone Ridge.				
FAIRFAX COUNTY --- 3.3 NW GREAT FALLS [39.03, -77.32], 3.2 NW GREAT FALLS [39.03, -77.32], 3.2 NW GREAT FALLS [39.03, -77.31], 3.2 NW GREAT FALLS [39.03, -77.32]				
	07/21/18 19:27 EST		0	Flood (due to Heavy Rain)
	07/21/18 21:00 EST		0	Source: Department of Highways
Beach Mill Road flooded and closed near Route 674.				
PRINCE WILLIAM COUNTY --- 0.4 N BRISTOW [38.73, -77.53], 0.5 N BRISTOW [38.73, -77.53], 0.5 N BRISTOW [38.73, -77.53], 0.6 N BRISTOW [38.73, -77.53], 0.6 N BRISTOW [38.73, -77.53], 0.5 NNW BRISTOW [38.73, -77.53]				
	07/21/18 20:10 EST		0	Flood (due to Heavy Rain)
	07/21/18 22:00 EST		0	Source: Emergency Manager
Piper Lane flooded and closed due to overflow of Broad Run near the railroad tracks.				
PRINCE WILLIAM COUNTY --- 0.5 WNW BRENTSVILLE [38.68, -77.51], 0.5 WNW BRENTSVILLE [38.68, -77.51], 0.5 WNW BRENTSVILLE [38.68, -77.51], 0.5 WNW BRENTSVILLE [38.68, -77.51]				
	07/21/18 20:10 EST		0	Flood (due to Heavy Rain)
	07/21/18 22:00 EST		0	Source: Emergency Manager

Storm Data and Unusual Weather Phenomena - July 2018

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Water rescue from floodwaters at the intersection of Old Church Road and Crockett Road.				
LOUDOUN COUNTY --- 1.0 NW ARCOLA [38.96, -77.54], 1.0 NW ARCOLA [38.96, -77.54], 1.0 NW ARCOLA [38.96, -77.54], 1.0 NW ARCOLA [38.96, -77.54]				
	07/21/18 20:45 EST		0	Flash Flood (due to Heavy Rain)
	07/21/18 21:30 EST		0	Source: Emergency Manager
Torrential rain prompted flooding of Broad Run, forcing a water rescue on Evergreen Mills Road near Belmont Ridge Road.				
PRINCE WILLIAM COUNTY --- 1.1 NNW YORKSHIRE [38.79, -77.44], 0.3 W YORKSHIRE [38.78, -77.44], 0.1 NNW YORKSHIRE [38.78, -77.43], 1.0 NNW YORKSHIRE [38.79, -77.44]				
	07/21/18 21:10 EST		0	Flood (due to Heavy Rain)
	07/22/18 20:40 EST		0	Source: River/Stream Gage
The stream gage on Bull Run near Manassas Park exceeded the 12 foot flood stage during the indicated period. The peak level of 20.20 feet was observed at 8:45am EST on July 22nd. Streamside trails were flooded. Closer to peak levels, Lake Drive flooded in multiple spots, with overland flow affecting two basements in that same area.				
PRINCE WILLIAM COUNTY --- 0.5 SW MINNIEVILLE [38.63, -77.36], 0.5 SW MINNIEVILLE [38.63, -77.36], 0.5 SW MINNIEVILLE [38.62, -77.36], 0.5 SW MINNIEVILLE [38.63, -77.36]				
	07/21/18 21:25 EST		0	Flood (due to Heavy Rain)
	07/21/18 23:00 EST		0	Source: Department of Highways
Wintercross Court flooded and closed near Tallowood Drive.				
PRINCE WILLIAM COUNTY --- 2.9 NNE WELLINGTON [38.82, -77.53], 2.9 NNE WELLINGTON [38.82, -77.53], 2.9 NNE WELLINGTON [38.82, -77.53], 3.0 NNE WELLINGTON [38.82, -77.53]				
	07/21/18 21:25 EST		0	Flash Flood (due to Heavy Rain)
	07/21/18 22:25 EST		0	Source: Emergency Manager
Sudley Road (State Route 234) flooded due to Youngs Branch going out of its banks. Two vehicles were trapped in swift rushing water from Youngs Branch, prompting water rescues.				
LOUDOUN COUNTY --- 1.6 ESE LEESBURG [39.11, -77.52], 1.6 ESE LEESBURG [39.11, -77.52], 1.6 ESE LEESBURG [39.11, -77.52], 1.6 ESE LEESBURG [39.11, -77.52]				
	07/21/18 21:30 EST		0	Flood (due to Heavy Rain)
	07/21/18 23:00 EST		0	Source: Department of Highways
Edwards Ferry Road flooded and closed east of Leesburg.				
FAIRFAX COUNTY --- 0.6 S ELKINS [38.97, -77.27], 0.6 S ELKINS [38.97, -77.27], 0.6 S ELKINS [38.97, -77.27], 0.6 S ELKINS [38.97, -77.27]				
	07/21/18 21:52 EST		0	Flood (due to Heavy Rain)
	07/22/18 03:49 EST		0	Source: River/Stream Gage
The stream gage on Difficult Run near Great Falls exceeded the flood stage of 11 feet during the indicated period. The peak level of 12.80 feet occurred at midnight EST on July 22nd.				
LOUDOUN COUNTY --- 1.7 SSE MOUNTVILLE [39.01, -77.69], 1.7 SSE MOUNTVILLE [39.01, -77.69], 1.7 SSE MOUNTVILLE [39.01, -77.69], 1.7 SSE MOUNTVILLE [39.01, -77.69]				
	07/21/18 22:06 EST		0	Flood (due to Heavy Rain)
	07/21/18 23:45 EST		0	Source: Department of Highways
Snickersville Turnpike flooded and closed near Mountville.				
PRINCE WILLIAM COUNTY --- 2.4 N WELLINGTON [38.82, -77.55], 2.5 N WELLINGTON [38.82, -77.55], 2.5 N WELLINGTON [38.82, -77.55], 2.4 N WELLINGTON [38.81, -77.55]				
	07/21/18 22:55 EST		0	Flash Flood (due to Heavy Rain)
	07/21/18 23:55 EST		0	Source: Emergency Manager
Swift water rescue on Featherbed Lane near Manassas.				
PRINCE WILLIAM COUNTY --- 0.5 NW YORKSHIRE [38.79, -77.44], 0.4 NW YORKSHIRE [38.79, -77.43], 0.4 NNW YORKSHIRE [38.79, -77.43], 0.5 NNW YORKSHIRE [38.79, -77.43]				

Storm Data and Unusual Weather Phenomena - July 2018

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/22/18 09:09 EST		0	Flood (due to Heavy Rain)
	07/22/18 11:00 EST		0	Source: Emergency Manager

Backwater due to flooding of Bull Run forced the closure of portions of Lake Drive. Two houses had flooded basements due to overland flow.

A coastal low pressure moved up the Atlantic seaboard. Copious moisture spread northward across the southern and western suburbs of Washington DC in the state of Virginia. Rainfall totals of 3 to 6 inches were widespread, causing fairly widespread flooding.

ALBEMARLE COUNTY --- 0.9 NNE BOYD TAVERN [37.99, -78.34]

07/22/18 18:34 EST	0	Thunderstorm Wind (EG 50 kt)
07/22/18 18:34 EST	0	Source: 911 Call Center

A tree was down near the intersection of US-250 Richmond Road and VA-794 Three Chopt Road.

ALBEMARLE COUNTY --- 1.4 NE EASTHAM [38.08, -78.40]

07/22/18 18:47 EST	0	Thunderstorm Wind (EG 50 kt)
07/22/18 18:47 EST	0	Source: 911 Call Center

A tree was down near the intersection of VA-649 Proffit Road and VA-20 Stony Point Road.

A cutoff low from the jet stream developed just to our west on the 22nd. A couple thunderstorms became severe due to an unstable atmosphere and stronger winds that were able to mix down from aloft.

FAIRFAX COUNTY --- 1.6 S VIENNA [38.88, -77.27]

07/23/18 07:05 EST	0	Thunderstorm Wind (EG 50 kt)
07/23/18 07:05 EST	0	Source: Emergency Manager

A tree was down blocking the right side of the I-66 westbound ramp toward the Vienna Metro.

A cutoff low from the jet stream remained just to our west on the 23rd. An isolated thunderstorm became severe due to an unstable atmosphere and stronger winds that were able to mix down from aloft.

FAIRFAX COUNTY --- 0.1 SSE EDSALL PARK [38.82, -77.17], 0.2 NE EDSALL PARK [38.82, -77.17]

07/24/18 04:54 EST	0	Tornado (EF0, L: 0.21 mi , W: 100 yd)
07/24/18 04:55 EST	0	Source: NWS Storm Survey

The National Weather Service in Baltimore MD/Washington DC confirmed an EF-0 tornado at Thomas Jefferson High School in Lincolnia Virginia.

The tornado touched down briefly just south of the softball field, damaging fences, two sheds, light poles and several trees. A shipping container was lofted over 100 yards as the tornado crossed the softball field moving northeast over an adjacent athletic field. The tornado then lifted over the northeastern part of the school property.

A trough of low pressure remained to our west and a southeast flow continued to pump in copious amounts of moisture. A few thunderstorms developed along a surface boundary to the south, and there was enough low-level rotation for an isolated thunderstorm to produce a tornado.

FAIRFAX COUNTY --- 1.4 SW MERRIFIELD [38.85, -77.25], 1.5 W TREMONT [38.85, -77.25], 1.2 W TREMONT [38.85, -77.24], 1.1 WSW TREMONT [38.85, -77.24], 1.0 WSW TREMONT [38.85, -77.24], 0.9 WSW TREMONT [38.85, -77.24], 1.2 W TREMONT [38.85, -77.24]

07/24/18 05:26 EST	0	Flood (due to Heavy Rain)
07/24/18 11:16 EST	0	Source: River/Stream Gage

The USGS stream gage on Accotink Creek near Annandale exceeded the 9.5 foot flood stage during the indicated period. The peak of 10.99 feet occurred at 10:00am EST. Woodburn Road floods at these levels.

FAIRFAX COUNTY --- 1.0 WSW TREMONT [38.85, -77.24], 1.0 WSW TREMONT [38.85, -77.24], 1.0 WSW TREMONT [38.85, -77.24], 1.0 WSW TREMONT [38.85, -77.24]

07/24/18 05:55 EST	0	Flood (due to Heavy Rain)
07/24/18 08:00 EST	0	Source: Social Media

Woodburn Road flooded and closed near Spicewood Drive.

FAIRFAX COUNTY --- 0.9 SE CLARKS CROSSING [38.91, -77.29], 0.9 SE CLARKS CROSSING [38.91, -77.29], 0.9 SE CLARKS CROSSING [38.91, -77.29], 0.9 SE CLARKS CROSSING [38.91, -77.29]

Storm Data and Unusual Weather Phenomena - July 2018

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/24/18 06:04 EST		0	Flood (due to Heavy Rain)
	07/24/18 08:00 EST		0	Source: Law Enforcement
Lawyers Road flooded and closed near Gunnell Farms Drive.				
FAIRFAX COUNTY --- 1.4 NW FAIRFAX STATION [38.82, -77.34], 1.5 NW FAIRFAX STATION [38.82, -77.34], 1.4 NW FAIRFAX STATION [38.82, -77.34], 1.4 NW FAIRFAX STATION [38.82, -77.34]				
	07/24/18 06:07 EST		0	Flood (due to Heavy Rain)
	07/24/18 07:15 EST		0	Source: Broadcast Media
Popes Head Road flooded with all lanes blocked.				
FAIRFAX COUNTY --- 0.6 NW SWINKS MILL [38.96, -77.21], 0.6 NNW SWINKS MILL [38.96, -77.21], 0.5 NNW SWINKS MILL [38.96, -77.21], 0.6 NW SWINKS MILL [38.96, -77.21]				
	07/24/18 06:25 EST		0	Flood (due to Heavy Rain)
	07/24/18 06:45 EST		0	Source: Broadcast Media
Swinks Mill Road flooded and briefly closed south of Georgetown Pike.				
FAIRFAX COUNTY --- 1.2 N ILDA [38.85, -77.25], 1.1 N ILDA [38.85, -77.25], 1.1 N ILDA [38.85, -77.25], 1.3 N ILDA [38.85, -77.25]				
	07/24/18 07:20 EST		0	Flood (due to Heavy Rain)
	07/24/18 11:30 EST		0	Source: 911 Call Center
Prosperity Avenue flooded and closed at Crook Branch.				
FAIRFAX COUNTY --- 0.8 NNW CLARKS CROSSING [38.93, -77.31], 0.7 NNW CLARKS CROSSING [38.93, -77.31], 0.7 NNW CLARKS CROSSING [38.93, -77.30], 0.8 NNW CLARKS CROSSING [38.93, -77.30]				
	07/24/18 07:22 EST		0	Flood (due to Heavy Rain)
	07/24/18 10:45 EST		0	Source: 911 Call Center
Hunter Mill Road flooded and closed at Difficult Run.				
FAIRFAX COUNTY --- 0.8 SSE PEACOCK [38.96, -77.25], 0.8 SSE PEACOCK [38.96, -77.25], 0.9 SSE PEACOCK [38.96, -77.24], 0.8 SSE PEACOCK [38.96, -77.25], 0.8 SSE PEACOCK [38.96, -77.25]				
	07/24/18 07:28 EST		0	Flood (due to Heavy Rain)
	07/24/18 09:30 EST		0	Source: 911 Call Center
Bellview Road flooded and closed near Rocky Run.				
FAIRFAX COUNTY --- 1.0 NW RESTON [38.98, -77.31], 1.1 NW RESTON [38.98, -77.31], 1.0 NW RESTON [38.98, -77.31], 1.0 NW RESTON [38.98, -77.31]				
	07/24/18 08:01 EST		0	Flood (due to Heavy Rain)
	07/24/18 10:00 EST		0	Source: 911 Call Center
Springvale Road flooded and closed at Piney Run.				
FAIRFAX COUNTY --- 1.8 S KENMORE [38.93, -77.26], 1.7 S KENMORE [38.93, -77.26], 1.7 S KENMORE [38.93, -77.26], 1.8 S KENMORE [38.93, -77.26]				
	07/24/18 08:13 EST		0	Flood (due to Heavy Rain)
	07/24/18 09:45 EST		0	Source: 911 Call Center
Old Courthouse Road flooded and closed at Wolftrap Creek.				
FAIRFAX COUNTY --- 0.8 W KENMORE [38.95, -77.28], 0.8 W KENMORE [38.95, -77.28], 0.8 W KENMORE [38.95, -77.28], 0.8 W KENMORE [38.95, -77.28]				
	07/24/18 08:16 EST		0	Flood (due to Heavy Rain)
	07/24/18 10:00 EST		0	Source: 911 Call Center
The intersection of Beulah Road and Browns Mill Road was flooded and closed at Wolftrap Creek.				
FAIRFAX COUNTY --- 0.6 NNE COLCHESTER [38.68, -77.23], 0.7 NNE COLCHESTER [38.68, -77.22], 0.6 NNE COLCHESTER [38.68, -77.22], 0.6 NNE COLCHESTER [38.68, -77.22]				
	07/24/18 16:38 EST		0	Flood (due to Heavy Rain)
	07/24/18 18:00 EST		0	Source: Department of Highways

Storm Data and Unusual Weather Phenomena - July 2018

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Bridge on Old Colchester Road over Giles Run closed due to flooding.				
FREDERICK COUNTY --- 0.3 ESE HAYFIELD [39.23, -78.29], 0.3 ESE HAYFIELD [39.23, -78.30], 0.4 E HAYFIELD [39.23, -78.29], 0.5 ENE HAYFIELD [39.23, -78.29], 0.5 ENE HAYFIELD [39.23, -78.29]				
	07/25/18 14:15 EST		0	Flood (due to Heavy Rain)
	07/25/18 16:15 EST		0	Source: Department of Highways
South Hayfield Road flooded and closed south of US 50.				
FREDERICK COUNTY --- 1.1 ESE HAYFIELD [39.22, -78.28], 1.1 ESE HAYFIELD [39.23, -78.28], 1.2 ESE HAYFIELD [39.22, -78.28], 1.2 ESE HAYFIELD [39.22, -78.28]				
	07/25/18 14:15 EST		0	Flood (due to Heavy Rain)
	07/25/18 16:15 EST		0	Source: Department of Highways
US Highway 50 was flooded and closed near Hayfield.				
FREDERICK COUNTY --- 1.7 SSE BRUCETOWN [39.23, -78.06], 1.9 SSE BRUCETOWN [39.22, -78.06], 1.9 SSE BRUCETOWN [39.23, -78.05], 1.8 SE BRUCETOWN [39.23, -78.05], 1.7 SSE BRUCETOWN [39.23, -78.06]				
	07/25/18 14:15 EST		0	Flood (due to Heavy Rain)
	07/25/18 16:15 EST		0	Source: Department of Highways
Old Charles Town Road (VA 761) flooded and closed at Opequon Creek.				
FREDERICK COUNTY --- 2.1 ENE HAYFIELD [39.24, -78.26], 2.2 ENE HAYFIELD [39.24, -78.26], 2.2 ENE HAYFIELD [39.24, -78.26], 2.2 ENE HAYFIELD [39.24, -78.26]				
	07/25/18 14:15 EST		0	Flood (due to Heavy Rain)
	07/25/18 16:15 EST		0	Source: Department of Highways
Indian Hollow Road (Route 679) impassible in several locations east of Hayfield Road.				
PAGE COUNTY --- 2.0 ESE KIMBALL [38.67, -78.38], 2.1 E KIMBALL [38.67, -78.38], 2.1 ESE KIMBALL [38.67, -78.38], 2.1 ESE KIMBALL [38.67, -78.38]				
	07/25/18 15:15 EST		0	Flood (due to Heavy Rain)
	07/25/18 17:15 EST		0	Source: Emergency Manager
Red Church Road over Rocky Branch was flooded with the stream flowing over the roadway.				
PAGE COUNTY --- 2.3 SW PANORAMA [38.65, -78.35], 2.2 SW PANORAMA [38.65, -78.35], 2.2 SW PANORAMA [38.65, -78.35], 2.2 SW PANORAMA [38.65, -78.35]				
	07/25/18 17:00 EST		0	Flood (due to Heavy Rain)
	07/25/18 19:00 EST		0	Source: 911 Call Center
Jewell Hollow Road flooded and impassable.				
LOUDOUN COUNTY --- 3.0 SSW ARCOLA GLASCOCK ARPT [38.89, -77.57], 3.0 SSW ARCOLA GLASCOCK ARPT [38.89, -77.57], 3.0 SSW ARCOLA GLASCOCK ARPT [38.89, -77.57], 3.0 SSW ARCOLA GLASCOCK ARPT [38.89, -77.57]				
	07/25/18 17:01 EST		0	Flood (due to Heavy Rain)
	07/25/18 18:00 EST		0	Source: NWS Employee
Six inches of water flowing over Route 705 at Bull Run due to Bull Run flooding.				
FAIRFAX COUNTY --- 0.5 NNW MC LEAN HAMLET [38.94, -77.24], 0.5 NNW MC LEAN HAMLET [38.94, -77.23], 0.5 NNW MC LEAN HAMLET [38.94, -77.23], 0.5 NW MC LEAN HAMLET [38.94, -77.24]				
	07/25/18 17:04 EST		0	Flood (due to Heavy Rain)
	07/25/18 18:00 EST		0	Source: Department of Highways
Gordon Lane flooded near Odricks Lane.				
PRINCE WILLIAM COUNTY --- 1.3 SE WELLINGTON [38.77, -77.53], 1.2 SE WELLINGTON [38.77, -77.53], 1.3 SE WELLINGTON [38.77, -77.53], 1.3 SE WELLINGTON [38.77, -77.53]				
	07/25/18 17:08 EST		0	Flood (due to Heavy Rain)
	07/25/18 19:00 EST		0	Source: Department of Highways

Storm Data and Unusual Weather Phenomena - July 2018

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Flooding reported on Bethlehem Road and Wellington Road, near where the two intersect. Both roads closed.				
LOUDOUN COUNTY --- 1.0 NW ARCOLA [38.96, -77.54], 1.0 NW ARCOLA [38.96, -77.54], 1.0 NW ARCOLA [38.96, -77.54], 1.0 NW ARCOLA [38.96, -77.54]				
	07/25/18 17:24 EST		0	Flood (due to Heavy Rain)
	07/25/18 18:45 EST		0	Source: Department of Highways

Evergreen Mills Road was flooded and closed near Belmont Ridge Road at Broad Run.

ARLINGTON COUNTY --- 0.7 ENE ARLINGTON [38.88, -77.12], 0.8 ENE ARLINGTON [38.88, -77.12], 0.8 ENE ARLINGTON [38.88, -77.12], 0.7 ENE ARLINGTON [38.88, -77.12]				
	07/25/18 17:30 EST		50K	Flash Flood (due to Heavy Rain)
	07/25/18 18:00 EST		0	Source: Broadcast Media

Torrential rain overwhelmed a building drainage system, forcing a pipe to burst, causing a partial roof collapse at a restaurant, and water coming through the wall of another business, flooding about a third of the floor of that business.

LOUDOUN COUNTY --- 0.8 N ARCOLA GLASCOCK ARPT [38.94, -77.55], 0.8 N ARCOLA GLASCOCK ARPT [38.94, -77.55], 0.8 N ARCOLA GLASCOCK ARPT [38.94, -77.55], 0.8 N ARCOLA GLASCOCK ARPT [38.94, -77.55]				
	07/25/18 17:49 EST		0	Flood (due to Heavy Rain)
	07/25/18 20:00 EST		0	Source: Department of Highways

US 50 flooded and closed near Stone Ridge.

LOUDOUN COUNTY --- 2.1 WSW LENA [38.94, -77.61], 2.0 WSW LENA [38.94, -77.60], 2.0 WSW LENA [38.94, -77.60], 2.1 WSW LENA [38.94, -77.61]				
	07/25/18 17:49 EST		0	Flood (due to Heavy Rain)
	07/25/18 20:00 EST		0	Source: Department of Highways

Lenah Road flooded and closed near Braddock Road.

PRINCE WILLIAM COUNTY --- 1.6 NE WOODBRIDGE ARPT [38.70, -77.30], 1.6 NE WOODBRIDGE ARPT [38.69, -77.30], 1.6 NE WOODBRIDGE ARPT [38.70, -77.30], 1.6 NE WOODBRIDGE ARPT [38.70, -77.30]				
	07/25/18 18:00 EST		0	Flood (due to Heavy Rain)
	07/25/18 20:00 EST		0	Source: 911 Call Center

Cotton Mill Drive flooded and closed between Antietam Road and Fox Tail Court.

ARLINGTON COUNTY --- 1.0 E ARLINGTON [38.88, -77.11], 1.1 E ARLINGTON [38.88, -77.11], 1.1 E ARLINGTON [38.88, -77.11], 1.0 E ARLINGTON [38.88, -77.11]				
	07/25/18 18:40 EST		0	Flash Flood (due to Heavy Rain)
	07/25/18 19:10 EST		0	Source: Broadcast Media

Flooding was reported after torrential rains on multiple levels of the Ballston Quarter parking garage.

FAIRFAX COUNTY --- 1.0 NW BUFFS CORNER [38.79, -77.34], 0.9 NW BUFFS CORNER [38.79, -77.34], 1.0 NW BUFFS CORNER [38.79, -77.34], 1.0 NW BUFFS CORNER [38.79, -77.34]				
	07/25/18 18:53 EST		0	Flood (due to Heavy Rain)
	07/25/18 20:30 EST		0	Source: Department of Highways

Havener Road flooded and closed near Youngs Branch Drive.

STAFFORD COUNTY --- 1.2 SE MOUNTAIN VIEW [38.46, -77.46], 1.2 SE MOUNTAIN VIEW [38.46, -77.46], 1.3 SE MOUNTAIN VIEW [38.46, -77.45], 1.3 SE MOUNTAIN VIEW [38.46, -77.45]				
	07/25/18 19:30 EST		0	Flood (due to Heavy Rain)
	07/25/18 21:00 EST		0	Source: 911 Call Center

Winding Creek Road flooded and closed near Walpole Street.

STAFFORD COUNTY --- 2.4 SSE MOUNTAIN VIEW [38.44, -77.45], 2.4 SSE MOUNTAIN VIEW [38.44, -77.45], 2.4 SSE MOUNTAIN VIEW [38.44, -77.45], 2.4 SSE MOUNTAIN VIEW [38.44, -77.45]				
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Storm Data and Unusual Weather Phenomena - July 2018

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/25/18 19:30 EST		0	Flood (due to Heavy Rain)
	07/25/18 21:00 EST		0	Source: 911 Call Center
Courthouse Road flooded near Woodcutters Road.				
FAIRFAX COUNTY --- 1.5 ENE HERNDON [38.98, -77.35], 1.5 ENE HERNDON [38.98, -77.35], 1.5 ENE HERNDON [38.98, -77.35], 1.5 ENE HERNDON [38.98, -77.35]				
	07/25/18 21:02 EST		0	Flood (due to Heavy Rain)
	07/25/18 22:30 EST		0	Source: Department of Highways
Autumn Ridge Circle flooded near Twisted Oak Drive.				
FAIRFAX COUNTY --- 0.5 NNE GUM SPGS [38.74, -77.08], 0.5 NNE GUM SPGS [38.74, -77.08], 0.5 NNE GUM SPGS [38.74, -77.08], 0.5 NNE GUM SPGS [38.74, -77.08]				
	07/25/18 21:20 EST		0	Flood (due to Heavy Rain)
	07/25/18 23:00 EST		0	Source: Department of Highways
High water near the intersection of Apple Hill Road and Chancery Court. Road closed.				
PRINCE WILLIAM COUNTY --- 1.9 NW YORKSHIRE [38.80, -77.45], 1.9 NNW YORKSHIRE [38.80, -77.45], 1.9 NNW YORKSHIRE [38.80, -77.45], 1.9 NW YORKSHIRE [38.80, -77.45]				
	07/26/18 02:14 EST		0	Flood (due to Heavy Rain)
	07/26/18 11:36 EST		0	Source: River/Stream Gage
The Virginia Tech stream gage on Bull Run near Manassas Park exceeded the 12 foot flood stage during the indicated period. The peak level of 14.23 feet was observed at 7:15am EST. Trails along the stream were flooded throughout this time in the vicinity of Route 28.				
Following the passage of a coastal low, bands of moisture continued to pull northward across the same areas that had already experienced heavy rain. Heavy rainfall fell in some areas, with widespread flooding throughout the period.				
(VA-Z025) AUGUSTA, (VA-Z026) ROCKINGHAM, (VA-Z027) SHENANDOAH, (VA-Z028) FREDERICK, (VA-Z029) PAGE, (VA-Z031) CLARKE, (VA-Z036) NELSON, (VA-Z037) ALBEMARLE, (VA-Z038) GREENE, (VA-Z039) MADISON, (VA-Z040) RAPPAHANNOCK, (VA-Z050) ORANGE, (VA-Z051) CULPEPER, (VA-Z052) PRINCE WILLIAM, (VA-Z501) NORTHERN FAUQUIER, (VA-Z502) SOUTHERN FAUQUIER, (VA-Z503) WESTERN HIGHLAND, (VA-Z504) EASTERN HIGHLAND, (VA-Z505) WESTERN LOUDOUN, (VA-Z507) NORTHERN VIRGINIA BLUE RIDGE, (VA-Z508) CENTRAL VIRGINIA BLUE RIDGE				
	07/25/18 23:53 EST		0	Dense Fog
	07/26/18 08:00 EST		0	
Low-level moisture was trapped underneath the nocturnal inversion. Breaks in the clouds caused radiational cooling, which led to areas of dense fog.				
ORANGE COUNTY --- 0.6 NE FLATRUN [38.38, -77.76]				
	07/27/18 12:30 EST		0	Thunderstorm Wind (EG 50 kt)
	07/27/18 12:30 EST		0	Source: Public
Numerous trees were snapped in a subdivision off of Route 3.				
FAIRFAX COUNTY --- 1.6 ENE BULL RUN [38.84, -77.45]				
	07/27/18 13:56 EST		0	Thunderstorm Wind (EG 50 kt)
	07/27/18 13:56 EST		0	Source: 911 Call Center
A tree was down on the 6000 block of Oday Drive. Multiple trees were down in the Sully Station neighborhood off of VA-28 Sully Road near Westfields Boulevard.				
FAUQUIER COUNTY --- 1.7 NNE WARRENTON [38.74, -77.76]				
	07/27/18 16:02 EST		0	Thunderstorm Wind (EG 50 kt)
	07/27/18 16:02 EST		0	Source: 911 Call Center
A tree was down on the 6000 block of Airlie Road.				
FAUQUIER COUNTY --- 1.8 W NEW BALTIMORE [38.77, -77.75]				
	07/27/18 16:02 EST		0	Thunderstorm Wind (EG 50 kt)
	07/27/18 16:02 EST		0	Source: 911 Call Center

Storm Data and Unusual Weather Phenomena - July 2018

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Two trees were down with the motorist trapped between the intersection of Old Bust Head road and Fosters Fork Road. No injuries were reported.				
FAUQUIER COUNTY --- 0.5 WSW NEW BALTIMORE [38.77, -77.73]				
	07/27/18 16:04 EST	0		Thunderstorm Wind (EG 50 kt)
	07/27/18 16:04 EST	0		Source: 911 Call Center
A tree was blocking the 5300 Block of Old Alexandria Turnpike.				
ORANGE COUNTY --- 2.1 WNW NASONS [38.28, -78.07]				
	07/27/18 17:48 EST	0		Thunderstorm Wind (EG 50 kt)
	07/27/18 17:48 EST	0		Source: 911 Call Center
A tree was down near the intersection of VA-615 Rapidan Road and VA-700 Trimmers Road.				
ORANGE COUNTY --- 0.7 S UNIONVILLE [38.26, -77.97]				
	07/27/18 18:00 EST	0		Thunderstorm Wind (EG 60 kt)
	07/27/18 18:00 EST	0		Source: Broadcast Media
Twenty to thirty trees were down and a barn was heavily damaged in Unionville.				
SPOTSYLVANIA COUNTY --- 0.5 W WILDERNESS CORNER [38.32, -77.71]				
	07/27/18 18:21 EST	0		Thunderstorm Wind (EG 50 kt)
	07/27/18 18:21 EST	0		Source: 911 Call Center
A tree was down near Route 3 and Brock Road.				
ALBEMARLE COUNTY --- 0.9 S EARLYSVILLE [38.16, -78.48]				
	07/27/18 23:31 EST	0		Thunderstorm Wind (EG 50 kt)
	07/27/18 23:31 EST	0		Source: 911 Call Center
A tree was blocking Earlysville Road.				
ALBEMARLE COUNTY --- 1.0 ENE (CHO)CHARLOTTESVILLE [38.16, -78.43]				
	07/27/18 23:47 EST	0		Thunderstorm Wind (EG 50 kt)
	07/27/18 23:47 EST	0		Source: 911 Call Center
A tree was down across Dickerson Road.				
ALBEMARLE COUNTY --- 0.4 NW PROFFIT [38.12, -78.43]				
	07/27/18 23:48 EST	0		Thunderstorm Wind (EG 50 kt)
	07/27/18 23:48 EST	0		Source: 911 Call Center
There were several reports of downed trees and branches between Hollymead and Airport Acres.				
A cold front passed through the area on the 27th. Ahead of the boundary, a southerly flow led to plenty of moisture an unstable atmosphere. A potent upper-level low caused stronger winds aloft as well. Some thunderstorms associated with the cold front became severe due to the instability and stronger winds aloft.				
CHARLOTTESVILLE (C) COUNTY --- 60.4 N MADISONVILLE [38.04, -78.51], 60.4 N MADISONVILLE [38.04, -78.51], 60.4 N MADISONVILLE [38.04, -78.51], 60.4 N MADISONVILLE [38.04, -78.51]				
	07/31/18 21:00 EST	0		Flood (due to Heavy Rain)
	07/31/18 21:30 EST	0		Source: 911 Call Center
Two people were rescued from a car floating in floodwaters near the intersection of Old Ivy Road and Ivy Road.				
ALBEMARLE COUNTY --- 1.1 ENE FARMINGTON [38.06, -78.53], 1.1 ENE FARMINGTON [38.06, -78.53], 1.1 ENE FARMINGTON [38.06, -78.53], 1.1 ENE FARMINGTON [38.06, -78.53]				
	07/31/18 21:15 EST	0		Flood (due to Heavy Rain)
	07/31/18 22:15 EST	0		Source: 911 Call Center
Floodwaters were covering the road near the entrance to the Farmington Heights neighborhood. This forced local residents to be told to shelter in place since they could not leave the area.				

Storm Data and Unusual Weather Phenomena - July 2018

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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ALBEMARLE COUNTY --- 1.9 E FARMINGTON [38.04, -78.52], 2.0 E FARMINGTON [38.05, -78.51], 2.0 E FARMINGTON [38.04, -78.51], 2.0 E FARMINGTON [38.04, -78.51]				
	07/31/18 22:00 EST	0		Flood (due to Heavy Rain)
	07/31/18 22:30 EST	0		Source: Broadcast Media
Another vehicle was reported stuck in floodwaters near the intersection of Old Ivy Road and Ivy Road.				

ALBEMARLE COUNTY --- 1.3 NNE EASTHAM [38.09, -78.41], 1.4 NNE EASTHAM [38.09, -78.41], 1.4 NNE EASTHAM [38.09, -78.41], 1.3 NNE EASTHAM [38.09, -78.41]				
	07/31/18 22:12 EST	0		Flood (due to Heavy Rain)
	07/31/18 23:59 EST	0		Source: Department of Highways
Proffit Road flooded and closed near Stony Point Road.				

ALBEMARLE COUNTY --- 0.4 NW CAMPBELL [38.03, -78.31], 0.4 NW CAMPBELL [38.03, -78.30], 0.3 NW CAMPBELL [38.03, -78.30], 0.3 NW CAMPBELL [38.03, -78.30]				
	07/31/18 22:24 EST	0		Flood (due to Heavy Rain)
	07/31/18 23:59 EST	0		Source: Department of Highways
Campbell Road closed due to flooding between Paddock Wood Road and Louisa Road.				

Heavy rain developed during the evening of July 31st, mainly in Albemarle and Orange Counties. Rainfall totals over four inches were observed, with numerous instances of flooding. This rain continued into the morning hours of August 1st with additional flooding reports.

WEST VIRGINIA, East

(WV-Z051) MORGAN, (WV-Z052) BERKELEY, (WV-Z053) JEFFERSON				
	07/01/18 11:00 EST	0		Heat
	07/01/18 16:00 EST	0		
An upper-level high along with surface high over the western Atlantic led to hot and humid conditions.				

(WV-Z050) HAMPSHIRE, (WV-Z051) MORGAN, (WV-Z052) BERKELEY, (WV-Z053) JEFFERSON, (WV-Z055) HARDY, (WV-Z502) EASTERN GRANT, (WV-Z504) EASTERN MINERAL				
	07/02/18 11:00 EST	0		Heat
	07/02/18 19:00 EST	0		
An upper-level high along with surface high over the western Atlantic led to hot and humid conditions.				

HARDY COUNTY --- 0.8 NNW BRAKE [38.89, -79.04]				
	07/02/18 14:55 EST	0		Thunderstorm Wind (EG 50 kt)
	07/02/18 14:55 EST	0		Source: Emergency Manager
Multiple reports of large trees were down along South Fork Road between 14000 and 18000 block.				

HAMPSHIRE COUNTY --- 1.1 SW FORKS OF CACAOH [39.39, -78.61]				
	07/02/18 16:05 EST	0		Thunderstorm Wind (EG 50 kt)
	07/02/18 16:05 EST	0		Source: 911 Call Center
There was a downed tree on Three Churches Hollow Road.				

HAMPSHIRE COUNTY --- 0.9 S SPRING GAP [39.41, -78.53]				
	07/02/18 16:16 EST	0		Thunderstorm Wind (EG 50 kt)
	07/02/18 16:16 EST	0		Source: 911 Call Center
Numerous trees were down along Spring Gap Road.				

MORGAN COUNTY --- 1.1 NW UNGER [39.44, -78.26]				
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Storm Data and Unusual Weather Phenomena - July 2018

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/02/18 17:09 EST		0	Thunderstorm Wind (EG 50 kt)
	07/02/18 17:09 EST		0	Source: 911 Call Center

Trees were down near the intersection of Virginia Line road and Unger Store Road.

A hot and humid air mass led to an unstable atmosphere. A few storms became severe.

(WV-Z050) HAMPSHIRE, (WV-Z051) MORGAN, (WV-Z052) BERKELEY, (WV-Z053) JEFFERSON, (WV-Z055) HARDY, (WV-Z502) EASTERN GRANT, (WV-Z504) EASTERN MINERAL

07/03/18 11:00 EST	0	Heat
07/03/18 19:00 EST	0	

An upper-level high along with surface high over the western Atlantic led to hot and humid conditions.

HAMPSHIRE COUNTY --- 0.7 N SLANESVILLE [39.38, -78.53], 0.8 N SLANESVILLE [39.38, -78.53], 0.8 NNE SLANESVILLE [39.38, -78.53], 0.7 N SLANESVILLE [39.38, -78.53]

07/04/18 08:32 EST	0	Flood (due to Heavy Rain)
07/04/18 10:30 EST	0	Source: 911 Call Center

Six to eight inches of flowing water over Slanesville Pike near Spring Gap Road.

Scattered showers and thunderstorms developed on the afternoon of July 4th across eastern West Virginia. One to two inches of rain caused isolated flooding in Hampshire County.

(WV-Z052) BERKELEY

07/04/18 11:00 EST	0	Heat
07/04/18 14:00 EST	0	

An upper-level high along with surface high over the western Atlantic led to hot and humid conditions.

HAMPSHIRE COUNTY --- 0.4 ENE SLANESVILLE [39.37, -78.52]

07/04/18 15:03 EST	0	Thunderstorm Wind (EG 50 kt)
07/04/18 15:03 EST	0	Source: 911 Call Center

Several reports were received of trees and wires down in the Slanesville area.

A hot and humid air mass led to an unstable atmosphere. A few storms became severe.

GRANT COUNTY --- 0.7 SW WILLIAMSPORT [39.19, -79.04]

07/15/18 14:25 EST	0	Thunderstorm Wind (EG 50 kt)
07/15/18 14:25 EST	0	Source: 911 Call Center

Two trees were down near the intersection of Patterson Creek Road and Belle Babb Lane.

An isolated thunderstorm produced damaging wind gusts.

HAMPSHIRE COUNTY --- 2.2 NNE POINTS [39.46, -78.61]

07/16/18 16:48 EST	0	Thunderstorm Wind (EG 52 kt)
07/16/18 16:48 EST	0	Source: NWS Employee

Many trees were down near Lake Ferndale.

An unstable atmosphere led to an isolated severe thunderstorm.

(WV-Z050) HAMPSHIRE, (WV-Z051) MORGAN, (WV-Z052) BERKELEY, (WV-Z053) JEFFERSON, (WV-Z055) HARDY, (WV-Z501) WESTERN GRANT, (WV-Z502) EASTERN GRANT, (WV-Z503) WESTERN MINERAL, (WV-Z504) EASTERN MINERAL, (WV-Z505) WESTERN PENDLETON, (WV-Z506) EASTERN PENDLETON

07/26/18 00:55 EST	0	Dense Fog
07/26/18 07:00 EST	0	

Low-level moisture was trapped underneath the nocturnal inversion. Breaks in the clouds caused radiational cooling, which led to areas of dense fog.

Storm Data and Unusual Weather Phenomena - July 2018

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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JEFFERSON COUNTY --- 1.0 ESE CHARLES TOWN [39.29, -77.83]				
	07/27/18 15:31 EST		0	Thunderstorm Wind (EG 50 kt)
	07/27/18 15:31 EST		0	Source: 911 Call Center

A tree was down at Keys Ferry Road near Route 340.

A cold front caused a severe thunderstorm in the eastern Panhandle of West Virginia.