

Storm Data and Unusual Weather Phenomena - April 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|--|--------------------|----------------------|------------------------|-------------------------------------|
| ATLANTIC NORTH | | | | |
| TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- 6.0 ENE QUANTICO (KNYG) [38.56, -77.21] | | | | |
| | 04/15/18 11:00 EST | 2 | 0 | Marine Strong Wind (EG 20 kt) |
| | 04/15/18 11:00 EST | 2 | 0 | Source: Broadcast Media |
| Wind gusts were estimated to be around 20 knots based on observations nearby around Quantico and Cobb Point. Two direct fatalities occurred when a boat capsized near the mouth of the Mattawoman Creek. | | | | |
| Direct Fatalities: M45BO, M31BO | | | | |
| A boat capsized resulting in two fatalities on the 15th around noon. Gradient winds were estimated to be around 20 knots. | | | | |
| TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- MONROE CREEK (MON) [38.23, -76.99] | | | | |
| | 04/16/18 01:16 EST | | 0 | Marine Thunderstorm Wind (MG 51 kt) |
| | 04/16/18 01:46 EST | | 0 | Source: Buoy |
| Wind gusts up to 51 knots were reported at Monroe Creek. | | | | |
| TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- POTOMAC LIGHT 33 (LT3) [38.34, -76.99] | | | | |
| | 04/16/18 01:16 EST | | 0 | Marine Thunderstorm Wind (MG 44 kt) |
| | 04/16/18 01:46 EST | | 0 | Source: Buoy |
| Wind gusts up to 44 knots were reported at Potomac Light. | | | | |
| TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- 1.5 E BABAR POINT (BAB) [38.31, -77.00] | | | | |
| | 04/16/18 01:18 EST | | 0 | Marine Thunderstorm Wind (MG 39 kt) |
| | 04/16/18 01:33 EST | | 0 | Source: Buoy |
| Wind gusts up to 39 knots were reported at Pylons DAH. | | | | |
| TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- BABAR POINT (BAB) [38.31, -77.03] | | | | |
| | 04/16/18 01:27 EST | | 0 | Marine Thunderstorm Wind (EG 34 kt) |
| | 04/16/18 01:42 EST | | 0 | Source: Buoy |
| Wind gusts in excess of 30 knots were reported at Baber Point. | | | | |
| TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- CUCKOLD CREEK (CCK) [38.31, -76.93] | | | | |
| | 04/16/18 01:35 EST | | 0 | Marine Thunderstorm Wind (MG 39 kt) |
| | 04/16/18 01:45 EST | | 0 | Source: Buoy |
| Wind gusts up to 39 knots were reported at Cuckold Creek. | | | | |
| TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- COBB POINT (COB) [38.24, -76.83] | | | | |
| | 04/16/18 01:39 EST | | 0 | Marine Thunderstorm Wind (MG 57 kt) |
| | 04/16/18 01:44 EST | | 0 | Source: Buoy |
| Wind gusts of 41 to 57 knots were reported at Cobb Point. | | | | |
| TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- LEWISSETTA (LWS) [38.00, -76.47] | | | | |
| | 04/16/18 01:42 EST | | 0 | Marine Thunderstorm Wind (MG 35 kt) |
| | 04/16/18 01:42 EST | | 0 | Source: Buoy |
| Wind gusts of 35 knots were reported at Lewisetta. | | | | |
| TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- LEWISSETTA MD (LWTV2) [38.00, -76.47] | | | | |
| | 04/16/18 01:42 EST | | 0 | Marine Thunderstorm Wind (MG 35 kt) |
| | 04/16/18 01:42 EST | | 0 | Source: Mesonet |
| Wind gusts of 35 knots were reported at Lewisetta. | | | | |

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|----------|-----------|-------------------|---------------------|------------------------|
|----------|-----------|-------------------|---------------------|------------------------|

A strong cold front passed through, and showers were able to mix down gusty winds from aloft.

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

| | | | | |
|--------------------|--|---|--|-------------------------------------|
| 04/19/18 10:24 EST | | 0 | | Marine Thunderstorm Wind (MG 38 kt) |
| 04/19/18 11:45 EST | | 0 | | Source: Mesonet |

Wind gusts up to 38 knots were reported at Hampstead Hill Academy.

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

| | | | | |
|--------------------|--|---|--|-------------------------------------|
| 04/19/18 10:40 EST | | 0 | | Marine Thunderstorm Wind (MG 34 kt) |
| 04/19/18 10:45 EST | | 0 | | Source: Mesonet |

A wind gust of 34 knots was reported. Hoffman-Boston Elementary School.

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

| | | | | |
|--------------------|--|---|--|-------------------------------------|
| 04/19/18 10:42 EST | | 0 | | Marine Thunderstorm Wind (MG 40 kt) |
| 04/19/18 10:42 EST | | 0 | | Source: Mesonet |

A wind gust of 40 knots was reported at Washington DC.

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

| | | | | |
|--------------------|--|---|--|-------------------------------------|
| 04/19/18 10:45 EST | | 0 | | Marine Thunderstorm Wind (MG 39 kt) |
| 04/19/18 11:10 EST | | 0 | | Source: Mesonet |

Wind gusts up to 36 to 39 knots were reported at Oriole Park.

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

| | | | | |
|--------------------|--|---|--|-------------------------------------|
| 04/19/18 10:45 EST | | 0 | | Marine Thunderstorm Wind (MG 35 kt) |
| 04/19/18 10:45 EST | | 0 | | Source: Mesonet |

A wind gust of 35 knots was reported at Nationals Park.

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

| | | | | |
|--------------------|--|---|--|-------------------------------------|
| 04/19/18 10:47 EST | | 0 | | Marine Thunderstorm Wind (MG 34 kt) |
| 04/19/18 10:51 EST | | 0 | | Source: ASOS |

Wind gusts up to 34 knots were reported at Reagan National.

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

| | | | | |
|--------------------|--|---|--|-------------------------------------|
| 04/19/18 10:54 EST | | 0 | | Marine Thunderstorm Wind (MG 43 kt) |
| 04/19/18 11:30 EST | | 0 | | Source: Buoy |

Wind gusts up to 43 knots were reported at Key Bridge.

TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- 3.3 ESE LEESYLVANIA STATE PARK (LSLVN) [38.64, -77.20]

| | | | | |
|--------------------|--|---|--|-------------------------------------|
| 04/19/18 10:55 EST | | 0 | | Marine Thunderstorm Wind (EG 34 kt) |
| 04/19/18 10:55 EST | | 0 | | Source: Buoy |

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

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

| | | | | |
|--------------------|--|---|--|-------------------------------------|
| 04/19/18 11:12 EST | | 0 | | Marine Thunderstorm Wind (MG 39 kt) |
| 04/19/18 11:37 EST | | 0 | | Source: Buoy |

Wind gusts up to 39 knots were reported at Hartmiller Island.

CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- GREENBERRY POINT (GBY) [38.97, -76.46]

| | | | | |
|--------------------|--|---|--|-------------------------------------|
| 04/19/18 11:24 EST | | 0 | | Marine Thunderstorm Wind (MG 35 kt) |
| 04/19/18 11:24 EST | | 0 | | Source: Buoy |

Wind gusts of 35 knots were reported at Greenberry Point.

Storm Data and Unusual Weather Phenomena - April 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|---|--------------------|----------------------|------------------------|-------------------------------------|
| TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- ALEXANDRIA COUNTRY DAY (ALXNC) [38.83, -77.07] | | | | |
| | 04/19/18 11:25 EST | 0 | | Marine Thunderstorm Wind (EG 34 kt) |
| | 04/19/18 11:25 EST | 0 | | Source: Mesonet |
| Wind gusts in excess of 30 knots were reported at Alexandria City. | | | | |
| CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- ANNAPOLIS (KNAK) [38.98, -76.48] | | | | |
| | 04/19/18 11:29 EST | 0 | | Marine Thunderstorm Wind (MG 34 kt) |
| | 04/19/18 11:29 EST | 0 | | Source: ASOS |
| A wind gust of 34 knots was reported at Annapolis. | | | | |
| CHESAPEAKE BAY POOLES IS TO SANDY PT MD COUNTY --- TOLCHESTER MD (TCBM2) [39.32, -76.25] | | | | |
| | 04/19/18 11:36 EST | 0 | | Marine Thunderstorm Wind (MG 38 kt) |
| | 04/19/18 11:42 EST | 0 | | Source: Buoy |
| Wind gusts up to 38 knots were reported at Tolchester. | | | | |
| TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- 0.8 NNW BABAR POINT (BAB) [38.32, -77.04] | | | | |
| | 04/19/18 11:42 EST | 0 | | Marine Thunderstorm Wind (EG 34 kt) |
| | 04/19/18 11:42 EST | 0 | | Source: Buoy |
| A wind gust in excess of 30 knots was reported at Dahlgren. | | | | |
| TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- 1.5 E BABAR POINT (BAB) [38.31, -77.00] | | | | |
| | 04/19/18 11:43 EST | 0 | | Marine Thunderstorm Wind (EG 34 kt) |
| | 04/19/18 11:43 EST | 0 | | Source: Buoy |
| A wind gust in excess of 30 knots was reported at Pylons DAH. | | | | |
| CHESAPEAKE BAY N OF POOLES IS MD COUNTY --- NORTH BAY NORTH EAST MD (NRTBY) [39.50, -75.99] | | | | |
| | 04/19/18 11:44 EST | 0 | | Marine Thunderstorm Wind (EG 34 kt) |
| | 04/19/18 11:44 EST | 0 | | Source: Buoy |
| A wind gust in excess of 30 knots was reported at North Bay. | | | | |
| TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- COBB POINT (COB) [38.24, -76.83] | | | | |
| | 04/19/18 11:59 EST | 0 | | Marine Thunderstorm Wind (MG 35 kt) |
| | 04/19/18 11:59 EST | 0 | | Source: Buoy |
| A wind gust of 35 knots was reported at Cobb Point. | | | | |
| PATUXENT RIVER TO BROOMES ISLAND MD COUNTY --- SOLOMONS ISLAND (SLIM2) [38.32, -76.45] | | | | |
| | 04/19/18 12:00 EST | 0 | | Marine Thunderstorm Wind (MG 41 kt) |
| | 04/19/18 12:06 EST | 0 | | Source: Buoy |
| Wind gusts of 38 to 41 knots were reported at Solomon's Island. | | | | |
| TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- COBB POINT (COB) [38.24, -76.83] | | | | |
| | 04/19/18 12:04 EST | 0 | | Marine Thunderstorm Wind (MG 46 kt) |
| | 04/19/18 12:19 EST | 0 | | Source: Buoy |
| Wind gusts up to 43 knots were reported at Cobb Point. | | | | |
| CHESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY --- 2.6 S MID BAY BUOY [38.43, -76.39] | | | | |
| | 04/19/18 12:06 EST | 0 | | Marine Thunderstorm Wind (MG 43 kt) |
| | 04/19/18 12:24 EST | 0 | | Source: Buoy |
| Wind gusts up to 43 knots were reported at Cove Point. | | | | |
| CHESAPEAKE BAY DRUM PT TO SMITH PT VA COUNTY --- PATUXENT RIVER ASOS (KNAK) [38.29, -76.41] | | | | |

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| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|----------|--------------------|-------------------|---------------------|-------------------------------------|
| | 04/19/18 12:10 EST | | 0 | Marine Thunderstorm Wind (MG 44 kt) |
| | 04/19/18 12:10 EST | | 0 | Source: AWOS |

A wind gust of 44 knots was reported at Patuxent River. (KNHK).

| TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- PINEY POINT (PPTM2) [38.13, -76.53] | | | | |
|--|--------------------|-------------------|---------------------|-------------------------------------|
| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
| | 04/19/18 12:12 EST | | 0 | Marine Thunderstorm Wind (MG 40 kt) |
| | 04/19/18 12:24 EST | | 0 | Source: Buoy |

Wind gusts of 34 to 40 knots were reported at Piney Point.

| TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- LEWISSETTA (LWS) [38.00, -76.47] | | | | |
|---|--------------------|-------------------|---------------------|-------------------------------------|
| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
| | 04/19/18 12:24 EST | | 0 | Marine Thunderstorm Wind (MG 36 kt) |
| | 04/19/18 12:42 EST | | 0 | Source: Buoy |

Wind gusts up to 36 knots were reported at Lewisetta.

| TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- LEWISSETTA MD (LWTV2) [38.00, -76.47] | | | | |
|--|--------------------|-------------------|---------------------|-------------------------------------|
| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
| | 04/19/18 12:24 EST | | 0 | Marine Thunderstorm Wind (MG 36 kt) |
| | 04/19/18 12:42 EST | | 0 | Source: Mesonet |

Wind gusts up to 36 knots were reported at Lewisetta.

| TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- POTOMAC POINT LOOKOUT BUOY (44042) [38.03, -76.34] | | | | |
|---|--------------------|-------------------|---------------------|-------------------------------------|
| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
| | 04/19/18 12:40 EST | | 0 | Marine Thunderstorm Wind (MG 35 kt) |
| | 04/19/18 12:50 EST | | 0 | Source: Buoy |

Wind gusts up to 35 knots were reported Potomac Point Lookout.

| TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY --- BISHOPS HEAD (BISM2) [38.22, -76.04] | | | | |
|--|--------------------|-------------------|---------------------|-------------------------------------|
| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
| | 04/19/18 12:42 EST | | 0 | Marine Thunderstorm Wind (EG 34 kt) |
| | 04/19/18 12:42 EST | | 0 | Source: Buoy |

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

| TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- POINT LOOKOUT (PTL) [38.04, -76.32] | | | | |
|--|--------------------|-------------------|---------------------|-------------------------------------|
| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
| | 04/19/18 12:44 EST | | 0 | Marine Thunderstorm Wind (MG 41 kt) |
| | 04/19/18 12:49 EST | | 0 | Source: Buoy |

Wind gusts of 34 to 41 knots were reported at Point Lookout.

| TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY --- RACCOON POINT (RAC) [38.14, -75.79] | | | | |
|---|--------------------|-------------------|---------------------|-------------------------------------|
| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
| | 04/19/18 12:54 EST | | 0 | Marine Thunderstorm Wind (MG 39 kt) |
| | 04/19/18 13:09 EST | | 0 | Source: Buoy |

Wind gusts up to 39 knots were reported at Raccoon Point.

| TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY --- CRISFIELD FIRE DEPARTMENT (CRSFL) [37.98, -75.86] | | | | |
|---|--------------------|-------------------|---------------------|-------------------------------------|
| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
| | 04/19/18 13:10 EST | | 0 | Marine Thunderstorm Wind (EG 34 kt) |
| | 04/19/18 13:10 EST | | 0 | Source: Mesonet |

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

A strong cold front passed through, and showers were able to mix down gusty winds from aloft.

| CHESAPEAKE BAY N OF POOLES IS MD COUNTY --- NORTH BAY NORTH EAST MD (NRTBY) [39.50, -75.99] | | | | |
|---|--------------------|-------------------|---------------------|-------------------------------------|
| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
| | 04/28/18 17:35 EST | | 0 | Marine Thunderstorm Wind (MG 37 kt) |
| | 04/28/18 17:35 EST | | 0 | Source: Buoy |

A wind gust of 37 knots was reported at North Bay.

Storm Data and Unusual Weather Phenomena - April 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|--|--------------------|-------------------|---------------------|-------------------------------------|
| CHESAPEAKE BAY N OF POOLES IS MD COUNTY --- GROVE POINT (GVP) [39.40, -76.04] | | | | |
| | 04/28/18 17:36 EST | | 0 | Marine Thunderstorm Wind (EG 34 kt) |
| | 04/28/18 17:41 EST | | 0 | Source: Buoy |

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

| | | | | |
|--|--------------------|--|---|-------------------------------------|
| CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- THOMAS POINT (TPLM2) [38.90, -76.44] | | | | |
| | 04/28/18 19:00 EST | | 0 | Marine Thunderstorm Wind (EG 34 kt) |
| | 04/28/18 19:00 EST | | 0 | Source: Buoy |

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

| | | | | |
|---|--------------------|--|---|-------------------------------------|
| CHOPTANK RIVER TO CAMBRIDGE MD AND THE LITTLE CHOPTANK RIVER COUNTY --- BLACKWALNUT HARBOR (BWH) [38.68, -76.33] | | | | |
| | 04/28/18 19:11 EST | | 0 | Marine Thunderstorm Wind (EG 34 kt) |
| | 04/28/18 19:11 EST | | 0 | Source: Buoy |

Wind gusts in excess of 30 knots were reported at Black Walnut Harbor.

A cold front passes through on the 28th. Some showers associated with the boundary were able to mix down gusty winds from aloft.

DISTRICT OF COLUMBIA

| | | | | |
|--|--------------------|--|---|---------------------------------|
| DISTRICT OF COLUMBIA COUNTY --- 1.3 WNW WALTER REED [38.99, -77.05], 1.3 WNW WALTER REED [38.99, -77.05], 0.8 WNW WALTER REED [38.98, -77.04], 0.5 WNW WALTER REED [38.98, -77.04], 0.6 W WALTER REED [38.98, -77.04], 0.7 SW WALTER REED [38.97, -77.04], 1.0 SW WALTER REED [38.97, -77.05] | | | | |
| | 04/16/18 03:41 EST | | 0 | Flash Flood (due to Heavy Rain) |
| | 04/16/18 05:38 EST | | 0 | Source: River/Stream Gage |

Water levels on Rock Creek rapidly rose above the 7 foot flood stage, causing flooding within Rock Creek Park in the District.

| | | | | |
|---|--------------------|--|---|---------------------------|
| DISTRICT OF COLUMBIA COUNTY --- 1.3 WNW WALTER REED [38.99, -77.05], 1.3 WNW WALTER REED [38.99, -77.05], 0.5 WNW WALTER REED [38.98, -77.04], 0.7 SW WALTER REED [38.97, -77.04], 1.4 SSW WALTER REED [38.96, -77.04], 1.5 ENE TENLEYTOWN [38.96, -77.05] | | | | |
| | 04/16/18 05:38 EST | | 0 | Flood (due to Heavy Rain) |
| | 04/16/18 12:32 EST | | 0 | Source: River/Stream Gage |

The USGS stream gauge at Rock Creek remained above 7 feet for several hours, although it was no longer rapidly rising. The peak level of 7.92 feet occurred at 1045 AM EDT.

| | | | | |
|---|--------------------|--|---|---------------------------|
| DISTRICT OF COLUMBIA COUNTY --- 1.9 SSE DALECARLIA RESERVOIR [38.92, -77.11], 1.8 SSE DALECARLIA RESERVOIR [38.93, -77.11], 1.9 SSE DALECARLIA RESERVOIR [38.93, -77.11], 1.9 SSE DALECARLIA RESERVOIR [38.92, -77.11] | | | | |
| | 04/16/18 05:39 EST | | 0 | Flood (due to Heavy Rain) |
| | 04/16/18 06:30 EST | | 0 | Source: Broadcast Media |

Minor street flooding was reported at the intersection of Canal Road and Arizona Avenue in Northwest DC.

| | | | | |
|---|--------------------|--|---|---------------------------|
| DISTRICT OF COLUMBIA COUNTY --- 0.6 WNW US CAPITOL [38.88, -77.03], 0.5 WNW US CAPITOL [38.88, -77.03], 0.5 WNW US CAPITOL [38.88, -77.03], 0.6 WNW US CAPITOL [38.88, -77.03] | | | | |
| | 04/16/18 05:49 EST | | 0 | Flood (due to Heavy Rain) |
| | 04/16/18 07:00 EST | | 0 | Source: Broadcast Media |

Heavy rain created standing water, making a portion of Maine Avenue near I-395 impassible.

Low pressure and its associated cold front passed through during the early morning hours of April 16th. Heavy rain of 1.5 to 2 inches fell in the District, causing flash flooding followed by flooding of Rock Creek which continued into early afternoon.

MARYLAND, Central

(MD-Z501) EXTREME WESTERN ALLEGANY

Storm Data and Unusual Weather Phenomena - April 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|----------|--------------------|-------------------|---------------------|------------------------|
| | 04/02/18 00:00 EST | | 0 | Winter Storm |
| | 04/02/18 07:00 EST | | 0 | |

Low pressure passed by to the south behind a cold front. There was enough cold air that moved in behind the front for rain to end as a period of accumulating snow especially for locations along and west of the Allegheny Front.

| CHARLES COUNTY --- 2.2 SE COBB IS [38.24, -76.83] | | | | |
|--|--------------------|--|---|------------------------------|
| | 04/16/18 01:44 EST | | 0 | Thunderstorm Wind (MG 57 kt) |
| | 04/16/18 01:44 EST | | 0 | Source: Buoy |

A wind gust of 66 mph was reported at Cobb Point.

A strong cold front was able to mix down strong winds from aloft. There was enough instability for an isolated thunderstorm to produce damaging wind gusts in extreme southern Maryland.

| MONTGOMERY COUNTY --- 0.8 SE TWIN BROOK [39.06, -77.09], 0.9 ESE TWIN BROOK [39.06, -77.09], 0.8 WSW GLENMONT [39.07, -77.08], 0.8 E TWIN BROOK [39.07, -77.09], 0.7 ESE TWIN BROOK [39.07, -77.09] | | | | |
|--|--------------------|--|---|---------------------------------|
| | 04/16/18 02:11 EST | | 0 | Flash Flood (due to Heavy Rain) |
| | 04/16/18 02:34 EST | | 0 | Source: River/Stream Gage |

The USGS stream gage on Turkey Branch in Rockville rapidly exceeded flood stage, peaking at 10.37 feet around 315 AM EDT. Trails and parkland were flooded with water approaching Turkey Branch Parkway in the area.

| MONTGOMERY COUNTY --- 0.4 E BROOKEVILLE [39.18, -77.06], 0.4 NE BROOKEVILLE [39.18, -77.06], 0.6 NE BROOKEVILLE [39.18, -77.06], 0.5 E BROOKEVILLE [39.18, -77.06] | | | | |
|---|--------------------|--|---|---------------------------------|
| | 04/16/18 02:37 EST | | 0 | Flash Flood (due to Heavy Rain) |
| | 04/16/18 05:39 EST | | 0 | Source: Broadcast Media |

Maryland State Route 97 was flooded and closed between Brookeville Road and Bordly Drive, in the vicinity of Reddy Branch, due to rapidly rising water.

| MONTGOMERY COUNTY --- 0.8 S PARKWOOD [39.01, -77.08], 0.8 S PARKWOOD [39.01, -77.08], 0.7 S PARKWOOD [39.01, -77.08], 0.7 SSE PARKWOOD [39.01, -77.08], 0.8 SSE PARKWOOD [39.01, -77.08] | | | | |
|---|--------------------|--|---|---------------------------------|
| | 04/16/18 04:29 EST | | 0 | Flash Flood (due to Heavy Rain) |
| | 04/16/18 05:39 EST | | 0 | Source: Emergency Manager |

A water rescue occurred on Beach Drive near East Stanhope Road when a car became disabled in a foot of moving water caused by overflow of Rock Creek.

| MONTGOMERY COUNTY --- 0.8 SW BRIGHTON [39.19, -77.04], 0.8 SW BRIGHTON [39.19, -77.04], 0.7 SW BRIGHTON [39.19, -77.04], 0.7 SW BRIGHTON [39.19, -77.04] | | | | |
|---|--------------------|--|---|---------------------------------|
| | 04/16/18 04:39 EST | | 0 | Flash Flood (due to Heavy Rain) |
| | 04/16/18 05:39 EST | | 0 | Source: Emergency Manager |

One to 2 feet of moving water was flowing over Brighton Dam Road at the Hawlings River crossing. A car drove into these floodwaters, prompting a swift water rescue.

| HARFORD COUNTY --- 0.7 SW VAN BIBBER [39.44, -76.31], 0.6 SW VAN BIBBER [39.44, -76.31], 0.6 SW VAN BIBBER [39.44, -76.31], 0.7 SW VAN BIBBER [39.44, -76.31] | | | | |
|--|--------------------|--|---|---------------------------|
| | 04/16/18 06:00 EST | | 0 | Flood (due to Heavy Rain) |
| | 04/16/18 08:00 EST | | 0 | Source: 911 Call Center |

Edgewood Road flooded and closed at the CSX railroad overpass.

| HARFORD COUNTY --- 1.1 NNE ABERDEEN [39.54, -76.17], 1.0 NNE ABERDEEN [39.53, -76.16], 1.1 NNE ABERDEEN [39.53, -76.16], 1.1 NNE ABERDEEN [39.53, -76.16], 1.2 NNE ABERDEEN [39.54, -76.16] | | | | |
|--|--------------------|--|---|---------------------------|
| | 04/16/18 06:00 EST | | 0 | Flood (due to Heavy Rain) |
| | 04/16/18 08:00 EST | | 0 | Source: 911 Call Center |

Old Robinhood Road flooded and closed east of Paradise Road.

| MONTGOMERY COUNTY --- 0.7 SSW BYFORDE [39.01, -77.07], 0.6 SSW BYFORDE [39.01, -77.07], 1.1 S BYFORDE [39.01, -77.07], 1.1 SSW BYFORDE [39.01, -77.07] | | | | |
|---|--|--|--|--|
|---|--|--|--|--|

Storm Data and Unusual Weather Phenomena - April 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|----------|--------------------|-------------------|---------------------|---------------------------|
| | 04/16/18 06:55 EST | | 0 | Flood (due to Heavy Rain) |
| | 04/16/18 11:30 EST | | 0 | Source: Emergency Manager |

Kensington Parkway flooded and closed, with at least one foot of flowing water across the road, near Rock Creek.

| MONTGOMERY COUNTY --- 1.6 NW UNITY [39.25, -77.07], 1.7 NNW UNITY [39.25, -77.07], 1.6 NNW UNITY [39.25, -77.06], 1.5 NW UNITY [39.25, -77.07] | | | | |
|--|--------------------|--|---|---------------------------|
| | 04/16/18 06:58 EST | | 0 | Flood (due to Heavy Rain) |
| | 04/16/18 10:00 EST | | 0 | Source: Emergency Manager |

Howard Chapel Road flooded and closed due to flooding from both Hights Branch and Hawlings River.

| MONTGOMERY COUNTY --- 0.9 W PARKWOOD [39.02, -77.10], 1.1 W PARKWOOD [39.02, -77.10], 1.2 W PARKWOOD [39.02, -77.10], 0.5 WNW PARKSIDE [39.03, -77.09], 0.2 WNW PARKSIDE [39.03, -77.08] | | | | |
|--|--------------------|--|---|---------------------------|
| | 04/16/18 07:06 EST | | 0 | Flood (due to Heavy Rain) |
| | 04/16/18 10:00 EST | | 0 | Source: Emergency Manager |

Beach Drive flooded and closed between Franklin Street and Knowles Avenue in Kensington due to overflow from Rock Creek.

| MONTGOMERY COUNTY --- 3.9 SW WHITES FERRY [39.16, -77.52], 3.8 SW WHITES FERRY [39.16, -77.52], 4.3 SW WHITES FERRY [39.15, -77.52], 4.3 SW WHITES FERRY [39.15, -77.52] | | | | |
|--|--------------------|--|---|---------------------------|
| | 04/18/18 06:00 EST | | 0 | Flood (due to Heavy Rain) |
| | 04/18/18 12:00 EST | | 0 | Source: River/Stream Gage |

The USGS stream gage on the Potomac River at Edwards Ferry went just above the 15 foot flood stage on April 18th. Areas near Whites Ferry were flooded and ferry service was suspended.

Low pressure and its associated cold front passed through during the early morning hours of April 16th. Heavy rain of 1 to 3 inches fell in portions of the state, causing flooding mainly in Montgomery and Harford Counties. Upstream water from this same event then moved downstream, causing flooding along the Potomac River on the 18th.

| (MD-Z014) ANNE ARUNDEL, (MD-Z017) ST. MARY'S | | | | |
|--|--------------------|--|---|---------------|
| | 04/16/18 06:11 EST | | 0 | Coastal Flood |
| | 04/16/18 16:24 EST | | 0 | |

A persistent onshore flow led to moderate coastal flooding.

| (MD-Z003) WASHINGTON, (MD-Z004) FREDERICK, (MD-Z005) CARROLL, (MD-Z006) NORTHERN BALTIMORE, (MD-Z503) NORTHWEST MONTGOMERY, (MD-Z504) CENTRAL AND SOUTHEAST MONTGOMERY, (MD-Z505) NORTHWEST HOWARD, (MD-Z506) CENTRAL AND SOUTHEAST HOWARD, (MD-Z507) NORTHWEST HARFORD | | | | |
|---|--------------------|--|---|--------------|
| | 04/17/18 23:00 EST | | 0 | Frost/Freeze |
| | 04/18/18 07:38 EST | | 0 | |

Canadian high pressure caused cold temperatures overnight on the 17th into the morning of the 18th.

| (MD-Z004) FREDERICK, (MD-Z005) CARROLL, (MD-Z505) NORTHWEST HOWARD, (MD-Z507) NORTHWEST HARFORD | | | | |
|---|--------------------|--|---|--------------|
| | 04/20/18 01:00 EST | | 0 | Frost/Freeze |
| | 04/20/18 07:00 EST | | 0 | |

Canadian high pressure caused cold temperatures overnight on the morning of the 20th.

| (MD-Z003) WASHINGTON, (MD-Z004) FREDERICK, (MD-Z005) CARROLL, (MD-Z006) NORTHERN BALTIMORE, (MD-Z503) NORTHWEST MONTGOMERY, (MD-Z505) NORTHWEST HOWARD, (MD-Z506) CENTRAL AND SOUTHEAST HOWARD, (MD-Z507) NORTHWEST HARFORD | | | | |
|---|--------------------|--|---|--------------|
| | 04/21/18 01:00 EST | | 0 | Frost/Freeze |
| | 04/21/18 08:00 EST | | 0 | |

Canadian high pressure caused cold conditions on the morning of the 21st.

| (MD-Z003) WASHINGTON, (MD-Z505) NORTHWEST HOWARD | | | | |
|--|--------------------|--|---|--------------|
| | 04/30/18 01:00 EST | | 0 | Frost/Freeze |
| | 04/30/18 07:07 EST | | 0 | |

Storm Data and Unusual Weather Phenomena - April 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|----------|-----------|-------------------|---------------------|------------------------|
|----------|-----------|-------------------|---------------------|------------------------|

Canadian high pressure caused cold conditions on the morning of the 30th across northern Maryland.

VIRGINIA, North

NELSON COUNTY --- 1.0 W ALLENS CREEK [37.57, -78.90]

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

Three trees were down near the Intersection of Tye River Road and US-60.

NELSON COUNTY --- 2.1 SW BUFFALO STATION [37.60, -78.86]

| | | | | |
|--------------------|--|---|--|------------------------------|
| 04/15/18 18:20 EST | | 0 | | Thunderstorm Wind (EG 50 kt) |
| 04/15/18 18:20 EST | | 0 | | Source: 911 Call Center |

Several trees were down in Gladstone.

NELSON COUNTY --- 1.1 SSW ELMA [37.73, -78.81]

| | | | | |
|--------------------|--|---|--|------------------------------|
| 04/15/18 18:30 EST | | 0 | | Thunderstorm Wind (EG 50 kt) |
| 04/15/18 18:30 EST | | 0 | | Source: Trained Spotter |

A large pine tree, 24 inches in diameter was snapped off about 30 feet above the ground.

NELSON COUNTY --- 1.1 NNE ARRINGTON [37.70, -78.91]

| | | | | |
|--------------------|--|---|--|------------------------------|
| 04/15/18 18:31 EST | | 0 | | Thunderstorm Wind (EG 50 kt) |
| 04/15/18 18:31 EST | | 0 | | Source: 911 Call Center |

A tree was down near the intersection of Diggs Mountain Road and Arrington Road.

CHARLOTTESVILLE (C) COUNTY --- 60.2 N MADISONVILLE [38.04, -78.49]

| | | | | |
|--------------------|--|---|--|------------------------------|
| 04/15/18 18:57 EST | | 0 | | Thunderstorm Wind (EG 50 kt) |
| 04/15/18 18:57 EST | | 0 | | Source: 911 Call Center |

A tree was down on Heards Mountain Road at Hungry Town Road.

SPOTSYLVANIA COUNTY --- 0.5 E BELMONT [38.15, -77.86]

| | | | | |
|--------------------|--|---|--|------------------------------|
| 04/15/18 20:50 EST | | 0 | | Thunderstorm Wind (EG 52 kt) |
| 04/15/18 20:50 EST | | 0 | | Source: 911 Call Center |

Several trees were down across the southwestern part of the County.

KING GEORGE COUNTY --- 0.8 W KING GEORGE [38.27, -77.18]

| | | | | |
|--------------------|--|---|--|------------------------------|
| 04/16/18 01:00 EST | | 0 | | Thunderstorm Wind (EG 50 kt) |
| 04/16/18 01:00 EST | | 0 | | Source: 911 Call Center |

A tree was down on Caledon Road.

KING GEORGE COUNTY --- 0.5 NNE NINDE [38.28, -77.05]

| | | | | |
|--------------------|--|---|--|------------------------------|
| 04/16/18 01:01 EST | | 0 | | Thunderstorm Wind (EG 50 kt) |
| 04/16/18 01:01 EST | | 0 | | Source: 911 Call Center |

A tree was down near the intersection of Tetotum Road and Stony Point Road.

KING GEORGE COUNTY --- 5.5 SE TETOTUM [38.23, -76.95]

| | | | | |
|--------------------|--|---|--|------------------------------|
| 04/16/18 01:31 EST | | 0 | | Thunderstorm Wind (MG 51 kt) |
| 04/16/18 01:31 EST | | 0 | | Source: Buoy |

A wind gust of 59 mph was reported at Monroe Creek.

Low pressure and its associated cold front passed through on the evening and overnight hours of the 15th. A few thunderstorms were

Storm Data and Unusual Weather Phenomena - April 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|---|--------------------|----------------------|------------------------|---------------------------------|
| able to mix down strong winds from aloft, producing damaging wind gusts. | | | | |
| <hr/> | | | | |
| FAIRFAX COUNTY --- 1.5 SW MERRIFIELD [38.85, -77.25], 1.3 SW MERRIFIELD [38.86, -77.25], 0.8 WSW TREMONT [38.85, -77.23], 1.0 WSW TREMONT [38.84, -77.24] | | | | |
| | 04/16/18 02:10 EST | 0 | | Flash Flood (due to Heavy Rain) |
| | 04/16/18 04:39 EST | 0 | | Source: River/Stream Gage |
| The USGS stream gauge on Accotink Creek near Annandale rapidly exceeded flood stage, causing flooding of Woodburn Road and Prosperity Avenue. This event continued as an areal flood for a few more hours after the time noted. | | | | |
| <hr/> | | | | |
| FAIRFAX COUNTY --- 1.1 WSW TREMONT [38.85, -77.24], 1.0 WSW TREMONT [38.85, -77.24], 0.9 WSW TREMONT [38.85, -77.24], 1.0 WSW TREMONT [38.85, -77.24] | | | | |
| | 04/16/18 03:02 EST | 0 | | Flash Flood (due to Heavy Rain) |
| | 04/16/18 04:00 EST | 0 | | Source: County Official |
| A swift water rescue occurred on Woodburn Road near Annandale at Accotink Creek. One person was successfully rescued from a vehicle. | | | | |
| <hr/> | | | | |
| FAIRFAX COUNTY --- 0.5 NW SWINKS MILL [38.96, -77.21], 0.7 NNW SWINKS MILL [38.96, -77.21], 0.6 NNW SWINKS MILL [38.96, -77.20], 0.5 NNW SWINKS MILL [38.96, -77.20] | | | | |
| | 04/16/18 03:30 EST | 0 | | Flash Flood (due to Heavy Rain) |
| | 04/16/18 04:30 EST | 0 | | Source: County Official |
| Swinks Mill Road flooded and closed due to rapidly rising water over the road on Scotts Run. | | | | |
| <hr/> | | | | |
| FAIRFAX COUNTY --- 0.7 S LINCOLNIA [38.81, -77.15], 0.6 S LINCOLNIA [38.81, -77.15], 0.6 S LINCOLNIA [38.81, -77.15], 0.6 S LINCOLNIA [38.81, -77.15] | | | | |
| | 04/16/18 03:30 EST | 0 | | Flood (due to Heavy Rain) |
| | 04/16/18 04:30 EST | 0 | | Source: Broadcast Media |
| The HOV lanes of I-395 were flooded and closed near the intersection with the I-395 Express Lanes. | | | | |
| <hr/> | | | | |
| FAIRFAX COUNTY --- 1.7 S KENMORE [38.93, -77.27], 1.6 S KENMORE [38.93, -77.27], 1.7 SSE KENMORE [38.93, -77.26], 1.8 N VIENNA [38.92, -77.26] | | | | |
| | 04/16/18 03:30 EST | 0 | | Flash Flood (due to Heavy Rain) |
| | 04/16/18 04:30 EST | 0 | | Source: County Official |
| Old Courthouse Road was flooded and closed near Besley Road due to rapid overtopping of Wolftrap Creek. | | | | |
| <hr/> | | | | |
| FAIRFAX COUNTY --- 0.9 NNE NORTH SPRINGFIELD [38.81, -77.20], 0.8 NNE NORTH SPRINGFIELD [38.81, -77.20], 0.9 NNE NORTH SPRINGFIELD [38.81, -77.19], 0.9 NNE NORTH SPRINGFIELD [38.81, -77.19] | | | | |
| | 04/16/18 04:09 EST | 0 | | Flash Flood (due to Heavy Rain) |
| | 04/16/18 04:30 EST | 0 | | Source: County Official |
| Braddock Road flooded and closed due to rapidly rising water in the vicinity of Backlick Run. | | | | |
| <hr/> | | | | |
| AUGUSTA COUNTY --- 2.0 SW FORDWICK [38.05, -79.40], 1.8 SW FORDWICK [38.05, -79.39], 1.9 SSW FORDWICK [38.05, -79.39], 1.9 SSW FORDWICK [38.05, -79.39], 2.1 SW FORDWICK [38.05, -79.39] | | | | |
| | 04/16/18 05:16 EST | 0 | | Flood (due to Heavy Rain) |
| | 04/16/18 06:30 EST | 0 | | Source: 911 Call Center |
| Wallace Mill Road impassible due to high water near Estaline Valley Road. Bashaw Road also closed nearby at Little River Road. | | | | |
| <hr/> | | | | |
| AUGUSTA COUNTY --- 3.5 SSW WEST AUGUSTA [38.23, -79.35], 3.5 SSW WEST AUGUSTA [38.23, -79.34], 3.7 S WEST AUGUSTA [38.23, -79.34], 3.5 ENE DEERFIELD [38.23, -79.34] | | | | |
| | 04/16/18 05:29 EST | 0 | | Flood (due to Heavy Rain) |
| | 04/16/18 08:30 EST | 0 | | Source: 911 Call Center |
| Old Parkersburg Turnpike flooded and impassible near Bear Wallow Flat Road at the Calfpasture River. | | | | |
| <hr/> | | | | |
| AUGUSTA COUNTY --- 3.2 S DOOMS [38.07, -78.86], 3.3 SSE DOOMS [38.07, -78.86], 3.4 S DOOMS [38.07, -78.86], 3.3 S DOOMS [38.07, -78.86] | | | | |
| | 04/16/18 06:06 EST | 0 | | Flood (due to Heavy Rain) |
| | 04/16/18 07:00 EST | 0 | | Source: 911 Call Center |
| A Street flooded near Calf Mountain Road. | | | | |

Storm Data and Unusual Weather Phenomena - April 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|---|--------------------|----------------------|------------------------|---------------------------|
| PRINCE WILLIAM COUNTY --- 1.1 SE OCCOQUAN [38.67, -77.25], 1.1 ESE OCCOQUAN [38.67, -77.25], 1.2 SE OCCOQUAN [38.67, -77.25], 1.1 SE OCCOQUAN [38.67, -77.25] | | | | |
| | 04/16/18 06:19 EST | 0 | | Flood (due to Heavy Rain) |
| | 04/16/18 07:30 EST | 0 | | Source: Broadcast Media |
| I-95 Express Lanes flooded and closed at Virginia Route 123. | | | | |
| PRINCE WILLIAM COUNTY --- 1.1 N BRISTOW [38.74, -77.53], 0.4 NNW BRISTOW [38.73, -77.53], 0.4 NNE BRISTOW [38.73, -77.53], 1.1 N BRISTOW [38.74, -77.53] | | | | |
| | 04/16/18 07:17 EST | 0 | | Flood (due to Heavy Rain) |
| | 04/16/18 13:15 EST | 0 | | Source: Emergency Manager |
| The stream gauge on Broad Run at Bristow exceeded the 9.5 foot flood stage, flooding Piper Lane at and near the railroad bridge. | | | | |
| FAIRFAX COUNTY --- 0.5 NE CROWELLS CORNER [38.95, -77.29], 0.5 ENE CROWELLS CORNER [38.95, -77.29], 0.8 W KENMORE [38.95, -77.28], 0.8 W KENMORE [38.95, -77.28] | | | | |
| | 04/16/18 07:29 EST | 0 | | Flood (due to Heavy Rain) |
| | 04/16/18 09:00 EST | 0 | | Source: County Official |
| Browns Mill Road flooded and closed between Beulah Road and Windstone Drive. | | | | |
| Low pressure and its associated cold front passed through during the early morning hours of April 16th. Heavy rain of 2 to 4 inches fell in portions of the state, producing flooding throughout northern Virginia. | | | | |
| (VA-Z025) AUGUSTA, (VA-Z056) SPOTSYLVANIA, (VA-Z502) SOUTHERN FAUQUIER, (VA-Z507) NORTHERN VIRGINIA BLUE RIDGE, (VA-Z508) CENTRAL VIRGINIA BLUE RIDGE | | | | |
| | 04/17/18 02:00 EST | 0 | | Frost/Freeze |
| | 04/17/18 06:45 EST | 0 | | |
| Canadian high pressure caused cold temperatures on the morning of the 17th. | | | | |
| (VA-Z025) AUGUSTA, (VA-Z026) ROCKINGHAM, (VA-Z027) SHENANDOAH, (VA-Z028) FREDERICK, (VA-Z029) PAGE, (VA-Z030) WARREN, (VA-Z031) CLARKE, (VA-Z038) GREENE, (VA-Z039) MADISON, (VA-Z040) RAPPAHANNOCK, (VA-Z050) ORANGE, (VA-Z051) CULPEPER, (VA-Z052) PRINCE WILLIAM, (VA-Z053) FAIRFAX, (VA-Z055) STAFFORD, (VA-Z056) SPOTSYLVANIA, (VA-Z501) NORTHERN FAUQUIER, (VA-Z502) SOUTHERN FAUQUIER, (VA-Z505) WESTERN LOUDOUN, (VA-Z506) EASTERN LOUDOUN, (VA-Z507) NORTHERN VIRGINIA BLUE RIDGE | | | | |
| | 04/17/18 23:00 EST | 0 | | Frost/Freeze |
| | 04/18/18 07:38 EST | 0 | | |
| Canadian high pressure caused cold temperatures overnight on the 17th into the morning of the 18th. | | | | |
| (VA-Z026) ROCKINGHAM, (VA-Z027) SHENANDOAH, (VA-Z036) NELSON, (VA-Z038) GREENE, (VA-Z040) RAPPAHANNOCK, (VA-Z052) PRINCE WILLIAM, (VA-Z056) SPOTSYLVANIA, (VA-Z507) NORTHERN VIRGINIA BLUE RIDGE, (VA-Z508) CENTRAL VIRGINIA BLUE RIDGE | | | | |
| | 04/20/18 01:00 EST | 0 | | Frost/Freeze |
| | 04/20/18 07:00 EST | 0 | | |
| Canadian high pressure caused cold temperatures overnight on the morning of the 20th. | | | | |
| (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-Z038) GREENE, (VA-Z050) ORANGE, (VA-Z051) CULPEPER, (VA-Z052) PRINCE WILLIAM, (VA-Z501) NORTHERN FAUQUIER, (VA-Z502) SOUTHERN FAUQUIER, (VA-Z505) WESTERN LOUDOUN, (VA-Z506) EASTERN LOUDOUN, (VA-Z507) NORTHERN VIRGINIA BLUE RIDGE, (VA-Z508) CENTRAL VIRGINIA BLUE RIDGE | | | | |
| | 04/21/18 01:00 EST | 0 | | Frost/Freeze |
| | 04/21/18 08:00 EST | 0 | | |
| Canadian high pressure caused cold conditions on the morning of the 21st. | | | | |
| FAIRFAX COUNTY --- 1.0 W TREMONT [38.85, -77.24], 0.9 WSW TREMONT [38.85, -77.24], 1.0 WSW TREMONT [38.85, -77.24], 1.1 WSW TREMONT [38.85, -77.24] | | | | |
| | 04/27/18 05:58 EST | 0 | | Flood (due to Heavy Rain) |
| | 04/27/18 08:00 EST | 0 | | Source: Law Enforcement |

Storm Data and Unusual Weather Phenomena - April 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|---|--------------------|----------------------|------------------------|---------------------------------|
| <p>Overflow from Accotink Creek flooded a portion of Woodburn Road. One vehicle became stuck in the floodwaters and the occupant required rescue.</p> | | | | |
| <hr/> | | | | |
| FAIRFAX COUNTY --- 0.8 SSE BURKE [38.79, -77.27], 0.8 SSE BURKE [38.79, -77.27], 0.9 SSE BURKE [38.79, -77.26], 0.9 SSE BURKE [38.79, -77.27] | 04/27/18 06:21 EST | | 0 | Flood (due to Heavy Rain) |
| | 04/27/18 08:00 EST | | 0 | Source: Law Enforcement |
| <p>Flooding reported near the intersection of Burke Road and Heritage Square Drive, near Pohick Creek.</p> | | | | |
| <hr/> | | | | |
| FAIRFAX COUNTY --- 1.6 S KENMORE [38.93, -77.27], 1.7 SSE KENMORE [38.93, -77.26], 1.7 NNE VIENNA [38.92, -77.26], 1.7 S KENMORE [38.93, -77.27] | 04/27/18 06:31 EST | | 0 | Flood (due to Heavy Rain) |
| | 04/27/18 08:00 EST | | 0 | Source: Law Enforcement |
| <p>Wolftrap Creek rose out of its banks, flooding Old Courthouse Road near Besley Road in Wolf Trap. One vehicle ran off the road in the high waters and the occupant had to await rescue.</p> | | | | |
| <p>Early morning brief heavy rain up to one inch was enough to cause some minor flooding in Fairfax County, Virginia during the morning commute on April 27th.</p> | | | | |
| <hr/> | | | | |
| (VA-Z025) AUGUSTA, (VA-Z026) ROCKINGHAM, (VA-Z051) CULPEPER, (VA-Z501) NORTHERN FAUQUIER, (VA-Z502) SOUTHERN FAUQUIER, (VA-Z508) CENTRAL VIRGINIA BLUE RIDGE | 04/29/18 01:00 EST | | 0 | Frost/Freeze |
| | 04/29/18 07:00 EST | | 0 | |
| <p>Canadian high pressure caused cold conditions on the morning of the 29th.</p> | | | | |
| <hr/> | | | | |
| WEST VIRGINIA, East | | | | |
| <hr/> | | | | |
| (WV-Z503) WESTERN MINERAL | 04/02/18 00:00 EST | | 0 | Winter Storm |
| | 04/02/18 07:00 EST | | 0 | |
| <hr/> | | | | |
| (WV-Z050) HAMPSHIRE, (WV-Z051) MORGAN | 04/02/18 01:00 EST | | 0 | Winter Weather |
| | 04/02/18 06:00 EST | | 0 | |
| <p>Low pressure passed by to the south behind a cold front. There was enough cold air that moved in behind the front for rain to end as a period of accumulating snow.</p> | | | | |
| <hr/> | | | | |
| PENDLETON COUNTY --- 2.5 NW DAHMER [38.61, -79.36], 1.8 N FRANKLIN [38.68, -79.33], 0.8 WSW RUDDLE [38.72, -79.31], 0.5 S RUDDLE [38.71, -79.30], 1.1 E FRANKLIN [38.65, -79.31], 2.1 NNW DAHMER [38.61, -79.35] | 04/16/18 00:43 EST | | 0 | Flood (due to Heavy Rain) |
| | 04/16/18 12:25 EST | | 0 | Source: River/Stream Gage |
| <p>The stream gauge on the South Branch Potomac River at Franklin exceeded flood stage. Video footage confirms numerous roads were closed, including Route 220/12 south of Franklin and US 220 between Franklin and Ruddle. The peak level of 9.10 feet was observed at 905 AM EDT, and was the highest level observed at this location since 2010.</p> | | | | |
| <hr/> | | | | |
| GRANT COUNTY --- 0.7 S LANDES [38.89, -79.20], 1.0 S LANDES [38.89, -79.20], 1.0 SSW LANDES [38.89, -79.21], 0.6 SSW LANDES [38.89, -79.21], 0.5 S LANDES [38.89, -79.20] | 04/16/18 03:00 EST | | 0 | Flash Flood (due to Heavy Rain) |
| | 04/16/18 04:37 EST | | 0 | Source: Emergency Manager |
| <p>US Route 220 near Landes inundated and closed due to flooding and a landslide.</p> | | | | |
| <hr/> | | | | |
| HARDY COUNTY --- 1.6 WNW MOOREFIELD MUNI ARPT [39.08, -78.98], 1.7 SSW OLDFIELDS [39.11, -78.96], 7.4 ENE FLATS [39.23, -78.86], 7.3 N ASBURY [39.22, -78.85], 1.1 W MOOREFIELD MUNI ARPT [39.07, -78.97] | 04/16/18 07:00 EST | | 10K | Flood (due to Heavy Rain) |
| | 04/17/18 11:00 EST | | 0 | Source: Emergency Manager |

Storm Data and Unusual Weather Phenomena - April 2018

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|----------|-----------|-------------------|---------------------|------------------------|
|----------|-----------|-------------------|---------------------|------------------------|

The South Branch Potomac River exceeded its banks in the Moorefield area. Seven people who were camping did not move away from the river in time and had to be rescued out of 4-5 feet of water during the afternoon of the 16th. Damage occurred to the campers and cars that were in the area as the water rose. Additionally, portions of Cunningham Road and Trough Road were closed due to the flooding of the river.

BERKELEY COUNTY --- 2.4 SSE (MRB)SHEPHERD FLD MR [39.37, -77.96], 2.1 SW BLAIRTON [39.43, -77.94], 0.7 W BLAIRTON [39.45, -77.93], 0.4 SSW BLAIRTON [39.44, -77.92], 3.1 ESE (MRB)SHEPHERD FLD MR [39.38, -77.93], 3.0 SSE (MRB)SHEPHERD FLD MR [39.36, -77.95]

| | | |
|--------------------|---|---------------------------|
| 04/16/18 14:25 EST | 0 | Flood (due to Heavy Rain) |
| 04/16/18 21:09 EST | 0 | Source: River/Stream Gage |

The stream gage on Opequon Creek near Martinsburg exceeded the 10 foot flood stage. The observed peak level was 10.50 feet at 715 PM EDT on April 16th. At this level, Douglas Grove Road and Bowers Road are flooded, and water is covering parts of the stream access point near Golf Course Road east of Martinsburg.

HAMPSHIRE COUNTY --- 0.6 NNE MILLESONS MILL [39.44, -78.68], 0.4 SW MILLESONS MILL [39.43, -78.69], 0.7 SSW MILLESONS MILL [39.42, -78.68], 0.7 S MILLESONS MILL [39.42, -78.68], 2.5 NNW POINTS [39.46, -78.63], 1.9 E MILLESON [39.47, -78.64]

| | | |
|--------------------|---|---------------------------|
| 04/16/18 20:01 EST | 0 | Flood (due to Heavy Rain) |
| 04/17/18 11:22 EST | 0 | Source: River/Stream Gage |

The stream gage on the South Branch Potomac River near Springfield exceeded the 15 foot flood stage. Photo and videos show several road closures and flooding of a campground area near Springfield. The peak level of 19.44 feet was observed at 515 AM EDT on April 17th, and was the highest river level observed since 2007.

MORGAN COUNTY --- 3.7 ESE DOE GULLY [39.58, -78.32], 3.0 SW GREAT CACAPON [39.59, -78.32], 1.0 SW GREAT CACAPON [39.61, -78.29], 1.0 SSW GREAT CACAPON [39.61, -78.29], 2.1 SSW GREAT CACAPON [39.59, -78.29], 3.1 SSW GREAT CACAPON [39.58, -78.31]

| | | |
|--------------------|---|---------------------------|
| 04/17/18 01:33 EST | 0 | Flood (due to Heavy Rain) |
| 04/17/18 05:07 EST | 0 | Source: River/Stream Gage |

The stream gage on the Cacapon River near Great Cacapon exceeded the 9 foot flood stage, peaking at 9.17 feet at 415 AM EDT on April 17th. At this level, portions of Rock Ford Road are flooded and closed, along with the low water bridges.

JEFFERSON COUNTY --- 0.4 E SHEPHERDSTOWN [39.43, -77.79], 2.0 NNE MOLER XRDS [39.43, -77.76], 1.9 NNE MOLER XRDS [39.42, -77.75], 1.4 E SHEPHERDSTOWN [39.43, -77.78], 0.5 E SHEPHERDSTOWN [39.43, -77.79]

| | | |
|--------------------|---|---------------------------|
| 04/17/18 20:12 EST | 0 | Flood (due to Heavy Rain) |
| 04/18/18 05:39 EST | 0 | Source: River/Stream Gage |

The USGS stream gauge on the Potomac River at Shepherdstown exceeded the 15 foot flood stage, flooding River Road in parts of Jefferson County. The river crested at 15.30 feet at 1215 AM EDT on April 18th.

Low pressure and its associated cold front passed through during the early morning hours of April 16th. Heavy rain of 2 to 4 inches fell in portions of the state, causing flooding mainly in Grant, Pendleton, and Hardy Counties. This water then moved downstream, causing flooding of larger rivers on the 17th and 18th.

(WV-Z051) MORGAN

| | | |
|--------------------|---|--------------|
| 04/20/18 01:00 EST | 0 | Frost/Freeze |
| 04/20/18 07:00 EST | 0 | |

Canadian high pressure caused cold conditions on the morning of the 20th.

(WV-Z051) MORGAN, (WV-Z052) BERKELEY, (WV-Z053) JEFFERSON

| | | |
|--------------------|---|--------------|
| 04/21/18 01:00 EST | 0 | Frost/Freeze |
| 04/21/18 08:00 EST | 0 | |

Canadian high pressure caused cold conditions on the morning of the 21st.

(WV-Z051) MORGAN

| | | |
|--------------------|---|--------------|
| 04/30/18 01:00 EST | 0 | Frost/Freeze |
| 04/30/18 07:07 EST | 0 | |

Canadian high pressure caused cold conditions on the morning of the 30th.