

## Storm Data and Unusual Weather Phenomena - June 2020

| Location   | Date/Time          | Deaths &<br>Injuries | Property &<br>Crop Dmg | Event Type and Details              |
|--|--------------------|----------------------|------------------------|-------------------------------------|
| <b>ATLANTIC NORTH</b>  |                    |                      |                        |                                     |
| <b>TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- (DCA)REAGAN NATIONAL AIRPORT [38.86, -77.03]</b>  |                    |                      |                        |                                     |
|  | 06/04/20 19:02 EST | 0                    |                        | Marine Thunderstorm Wind (MG 43 kt) |
|  | 06/04/20 19:10 EST | 0                    |                        | Source: ASOS                        |
| Wind gusts between 39 and 43 knots were reported.  |                    |                      |                        |                                     |
| <b>TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- NATIONALS PARK (WSHNP) [38.87, -77.01]</b>        |                    |                      |                        |                                     |
|  | 06/04/20 19:05 EST | 0                    |                        | Marine Thunderstorm Wind (MG 36 kt) |
|  | 06/04/20 19:20 EST | 0                    |                        | Source: Mesonet                     |
| Wind gusts between 34 and 36 knots were reported.  |                    |                      |                        |                                     |
| <b>TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- GEORGE MASON ES (ALXD2) [38.83, -77.07]</b>       |                    |                      |                        |                                     |
|  | 06/04/20 19:10 EST | 0                    |                        | Marine Thunderstorm Wind (MG 34 kt) |
|  | 06/04/20 19:25 EST | 0                    |                        | Source: Mesonet                     |
| <b>TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- QUANTICO (KNYG) [38.51, -77.30]</b>                  |                    |                      |                        |                                     |
|  | 06/04/20 19:50 EST | 0                    |                        | Marine Thunderstorm Wind (MG 42 kt) |
|  | 06/04/20 19:51 EST | 0                    |                        | Source: AWOS                        |
| Wind gusts of 34 to 42 knots were reported.  |                    |                      |                        |                                     |
| <b>PATAPSCO RIVER INCLUDING BALTIMORE HARBOR COUNTY --- BALTIMORE KEY BRIDGE (FSKM2) [39.22, -76.53]</b> |                    |                      |                        |                                     |
|  | 06/04/20 19:54 EST | 0                    |                        | Marine Thunderstorm Wind (MG 36 kt) |
|  | 06/04/20 20:06 EST | 0                    |                        | Source: Buoy                        |
| Wind gusts up to 36 knots were reported.   |                    |                      |                        |                                     |
| <b>CHESAPEAKE BAY POOLES IS TO SANDY PT MD COUNTY --- GUNPOWDER (GUN) [39.36, -76.37]</b>                |                    |                      |                        |                                     |
|  | 06/04/20 19:57 EST | 0                    |                        | Marine Thunderstorm Wind (MG 37 kt) |
|  | 06/04/20 20:22 EST | 0                    |                        | Source: Buoy                        |
| Wind gusts up to 37 knots were reported.   |                    |                      |                        |                                     |
| <b>CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- THOMAS POINT (TPLM2) [38.90, -76.44]</b>             |                    |                      |                        |                                     |
|  | 06/04/20 20:00 EST | 0                    |                        | Marine Thunderstorm Wind (MG 42 kt) |
|  | 06/04/20 21:00 EST | 0                    |                        | Source: Buoy                        |
| Wind gusts of 39 to 42 knots were reported.  |                    |                      |                        |                                     |
| <b>CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- ANNAPOLIS (KNAK) [38.98, -76.48]</b>                 |                    |                      |                        |                                     |
|  | 06/04/20 20:01 EST | 0                    |                        | Marine Thunderstorm Wind (EG 34 kt) |
|  | 06/04/20 20:01 EST | 0                    |                        | Source: ASOS                        |
| Wind gusts in excess of 30 knots were reported.  |                    |                      |                        |                                     |
| <b>CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- GREENBURY POINT (GBY) [38.97, -76.46]</b>            |                    |                      |                        |                                     |
|  | 06/04/20 20:04 EST | 0                    |                        | Marine Thunderstorm Wind (MG 36 kt) |
|  | 06/04/20 20:04 EST | 0                    |                        | Source: Buoy                        |
| <b>CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- TOLLY POINT (TOL) [38.94, -76.44]</b>                |                    |                      |                        |                                     |
|  | 06/04/20 20:04 EST | 0                    |                        | Marine Thunderstorm Wind (MG 39 kt) |
|  | 06/04/20 20:14 EST | 0                    |                        | Source: Buoy                        |
| Wind gusts up to 39 knots were reported.   |                    |                      |                        |                                     |
| <b>CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- KENT ISLAND (KNT) [38.92, -76.36]</b>                |                    |                      |                        |                                     |

## Storm Data and Unusual Weather Phenomena - June 2020

| Location | Date/Time          | Deaths & Injuries | Property & Crop Dmg | Event Type and Details              |
|----------|--------------------|-------------------|---------------------|-------------------------------------|
|          | 06/04/20 20:08 EST |                   | 0                   | Marine Thunderstorm Wind (EG 34 kt) |
|          | 06/04/20 20:08 EST |                   | 0                   | Source: Mesonet                     |

Wind gusts in excess of 30 knots were reported.

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

|  |                    |  |   |                                     |
|--|--------------------|--|---|-------------------------------------|
|  | 06/04/20 20:09 EST |  | 0 | Marine Thunderstorm Wind (MG 39 kt) |
|  | 06/04/20 20:19 EST |  | 0 | Source: Buoy                        |

Wind gusts up to 39 knots were reported.

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### CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- 0.9 W ST MARYS ES (ANNAS) [38.98, -76.51]

|  |                    |  |   |                                     |
|--|--------------------|--|---|-------------------------------------|
|  | 06/04/20 20:10 EST |  | 0 | Marine Thunderstorm Wind (MG 38 kt) |
|  | 06/04/20 20:15 EST |  | 0 | Source: Mesonet                     |

Wind gusts up to 39 knots were reported at the Stevensville Marina.

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

|  |                    |  |   |                                     |
|--|--------------------|--|---|-------------------------------------|
|  | 06/04/20 20:11 EST |  | 0 | Marine Thunderstorm Wind (MG 35 kt) |
|  | 06/04/20 20:16 EST |  | 0 | Source: Buoy                        |

Wind gusts of 34 to 35 knots were reported at Occoquan.

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

|  |                    |  |   |                                     |
|--|--------------------|--|---|-------------------------------------|
|  | 06/04/20 20:18 EST |  | 0 | Marine Thunderstorm Wind (MG 37 kt) |
|  | 06/04/20 20:30 EST |  | 0 | Source: Buoy                        |

Wind gusts up to 37 knots were reported.

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

|  |                    |  |   |                                     |
|--|--------------------|--|---|-------------------------------------|
|  | 06/04/20 20:41 EST |  | 0 | Marine Thunderstorm Wind (MG 42 kt) |
|  | 06/04/20 20:46 EST |  | 0 | Source: Buoy                        |

Wind gusts of 40 to 42 knots were reported.

**Thunderstorms initiated along a pressure trough in the lee of the Appalachian Mountains during the mid to late afternoon, and persisted into the evening. Some thunderstorms produced gusty winds over the waters.**

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

|  |                    |  |   |                                     |
|--|--------------------|--|---|-------------------------------------|
|  | 06/05/20 17:12 EST |  | 0 | Marine Thunderstorm Wind (MG 34 kt) |
|  | 06/05/20 17:12 EST |  | 0 | Source: Buoy                        |

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

|  |                    |  |   |                                     |
|--|--------------------|--|---|-------------------------------------|
|  | 06/05/20 17:37 EST |  | 0 | Marine Thunderstorm Wind (EG 34 kt) |
|  | 06/05/20 17:37 EST |  | 0 | Source: Buoy                        |

A wind gusts in excess of 30 knots was reported.

**A couple storms produced gusty winds due to an unstable atmosphere.**

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### TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- 5.2 SSW POTOMAC POINT LOOKOUT BUOY (44042) [37.96, -76.37]

|  |                    |  |   |                                     |
|--|--------------------|--|---|-------------------------------------|
|  | 06/06/20 19:49 EST |  | 0 | Marine Thunderstorm Wind (MG 35 kt) |
|  | 06/06/20 19:49 EST |  | 0 | Source: Mesonet                     |

A wind gust of 35 knots was reported.

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### TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- 8.0 SSE POTOMAC POINT LOOKOUT BUOY (44042) [37.92, -76.28]

|  |                    |  |   |                                     |
|--|--------------------|--|---|-------------------------------------|
|  | 06/06/20 19:59 EST |  | 0 | Marine Thunderstorm Wind (MG 35 kt) |
|  | 06/06/20 19:59 EST |  | 0 | Source: Mesonet                     |

A wind gust of 35 knots was reported.

## Storm Data and Unusual Weather Phenomena - June 2020

| Location   | Date/Time          | Deaths & Injuries | Property & Crop Dmg | Event Type and Details              |
|--|--------------------|-------------------|---------------------|-------------------------------------|
| <b>A couple storms produced gusty winds.</b>   |                    |                   |                     |                                     |
| <b>TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- MONROE CREEK (MON) [38.23, -76.95]</b>                           |                    |                   |                     |                                     |
|  | 06/10/20 18:41 EST |                   | 0                   | Marine Thunderstorm Wind (EG 34 kt) |
|  | 06/10/20 18:41 EST |                   | 0                   | Source: Buoy                        |
| Wind gusts in excess of 30 knots were reported.  |                    |                   |                     |                                     |
| <b>TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- COBB POINT (COB) [38.24, -76.83]</b>                           |                    |                   |                     |                                     |
|  | 06/10/20 18:49 EST |                   | 0                   | Marine Thunderstorm Wind (MG 34 kt) |
|  | 06/10/20 18:54 EST |                   | 0                   | Source: Buoy                        |
| Wind gusts up to 34 knots were reported.   |                    |                   |                     |                                     |
| <b>A couple storms produced gusty winds due to an unstable atmosphere.</b>   |                    |                   |                     |                                     |
| <b>TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- POINT LOOKOUT (PTL) [38.04, -76.32]</b>                        |                    |                   |                     |                                     |
|  | 06/17/20 14:46 EST |                   | 0                   | Marine Thunderstorm Wind (MG 34 kt) |
|  | 06/17/20 15:21 EST |                   | 0                   | Source: Buoy                        |
| Wind gusts up to 34 knots were reported.   |                    |                   |                     |                                     |
| <b>TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- 5.4 SSW POTOMAC POINT LOOKOUT BUOY (44042) [37.96, -76.38]</b> |                    |                   |                     |                                     |
|  | 06/17/20 15:14 EST |                   | 0                   | Marine Thunderstorm Wind (EG 34 kt) |
|  | 06/17/20 15:14 EST |                   | 0                   | Source: Mesonet                     |
| A wind gust was reported on the Potomac River at Marshalls beach (KVAHEATH22).                                       |                    |                   |                     |                                     |
| <b>A couple storms produced gusty winds due to an unstable atmosphere.</b>   |                    |                   |                     |                                     |
| <b>TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- 1.5 E BABER POINT (BAB) [38.31, -77.00]</b>                      |                    |                   |                     |                                     |
|  | 06/22/20 14:55 EST |                   | 0                   | Marine Thunderstorm Wind (MG 57 kt) |
|  | 06/22/20 15:10 EST |                   | 0                   | Source: Buoy                        |
| Wind gusts up to 57 knots were reported.   |                    |                   |                     |                                     |
| <b>TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- POTOMAC LIGHT 33 (LT3) [38.34, -76.99]</b>                       |                    |                   |                     |                                     |
|  | 06/22/20 15:02 EST |                   | 0                   | Marine Thunderstorm Wind (MG 50 kt) |
|  | 06/22/20 15:12 EST |                   | 0                   | Source: Buoy                        |
| Wind gusts up to 50 knots were reported.   |                    |                   |                     |                                     |
| <b>TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- 1.3 NNE BABER POINT (BAB) [38.33, -77.02]</b>                    |                    |                   |                     |                                     |
|  | 06/22/20 15:04 EST |                   | 0                   | Marine Thunderstorm Wind (MG 36 kt) |
|  | 06/22/20 15:09 EST |                   | 0                   | Source: Buoy                        |
| Wind gusts up to 36 knots were reported at Tower 70.   |                    |                   |                     |                                     |
| <b>TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- 0.8 NNW BABER POINT (BAB) [38.32, -77.04]</b>                    |                    |                   |                     |                                     |
|  | 06/22/20 15:06 EST |                   | 0                   | Marine Thunderstorm Wind (EG 34 kt) |
|  | 06/22/20 15:06 EST |                   | 0                   | Source: Buoy                        |
| Wind gusts in excess of 30 knots were reported.  |                    |                   |                     |                                     |
| <b>TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- CUCKOLD CREEK (CCK) [38.31, -76.93]</b>                          |                    |                   |                     |                                     |
|  | 06/22/20 15:23 EST |                   | 0                   | Marine Thunderstorm Wind (MG 44 kt) |
|  | 06/22/20 15:28 EST |                   | 0                   | Source: Buoy                        |
| Wind gusts up to 44 knots were reported.   |                    |                   |                     |                                     |
| <b>TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- LEWISSETTA (LWS) [38.00, -76.47]</b>                           |                    |                   |                     |                                     |

## Storm Data and Unusual Weather Phenomena - June 2020

| Location | Date/Time          | Deaths & Injuries | Property & Crop Dmg | Event Type and Details              |
|----------|--------------------|-------------------|---------------------|-------------------------------------|
|          | 06/22/20 15:24 EST |                   | 0                   | Marine Thunderstorm Wind (EG 34 kt) |
|          | 06/22/20 15:24 EST |                   | 0                   | Source: Buoy                        |

Wind gusts in excess of 30 knots were reported.

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### TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- MONROE CREEK (MON) [38.23, -76.95]

|  |                    |  |   |                                     |
|--|--------------------|--|---|-------------------------------------|
|  | 06/22/20 15:26 EST |  | 0 | Marine Thunderstorm Wind (MG 55 kt) |
|  | 06/22/20 15:31 EST |  | 0 | Source: Buoy                        |

Wind gusts of 36 to 55 knots were reported.

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

|  |                    |  |   |                                     |
|--|--------------------|--|---|-------------------------------------|
|  | 06/22/20 15:29 EST |  | 0 | Marine Thunderstorm Wind (MG 44 kt) |
|  | 06/22/20 15:49 EST |  | 0 | Source: Buoy                        |

Wind gusts up to 44 knots were reported.

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### TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- 5.5 ESE CUCKOLD CREEK (CCK) [38.27, -76.85]

|  |                    |  |   |                                     |
|--|--------------------|--|---|-------------------------------------|
|  | 06/22/20 15:33 EST |  | 0 | Marine Thunderstorm Wind (MG 38 kt) |
|  | 06/22/20 15:43 EST |  | 0 | Source: Mesonet                     |

Wind gusts up to 38 knots were reported at Cobb Island.

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

|  |                    |  |   |                                     |
|--|--------------------|--|---|-------------------------------------|
|  | 06/22/20 15:43 EST |  | 0 | Marine Thunderstorm Wind (EG 34 kt) |
|  | 06/22/20 15:43 EST |  | 0 | Source: Buoy                        |

Wind gusts in excess of 30 knots were reported.

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

|  |                    |  |   |                                     |
|--|--------------------|--|---|-------------------------------------|
|  | 06/22/20 15:52 EST |  | 0 | Marine Thunderstorm Wind (MG 35 kt) |
|  | 06/22/20 15:53 EST |  | 0 | Source: AWOS                        |

Wind gusts up to 35 knots were reported at Patuxent River (KNHK).

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### PATUXENT RIVER TO BROOMES ISLAND MD COUNTY --- SOLOMONS ISLAND (SLIM2) [38.32, -76.45]

|  |                    |  |   |                                     |
|--|--------------------|--|---|-------------------------------------|
|  | 06/22/20 15:54 EST |  | 0 | Marine Thunderstorm Wind (MG 39 kt) |
|  | 06/22/20 16:06 EST |  | 0 | Source: Buoy                        |

Wind gusts of 37 to 39 knots were reported.

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

|  |                    |  |   |                                     |
|--|--------------------|--|---|-------------------------------------|
|  | 06/22/20 16:18 EST |  | 0 | Marine Thunderstorm Wind (EG 34 kt) |
|  | 06/22/20 16:18 EST |  | 0 | Source: Buoy                        |

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

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

|  |                    |  |   |                                     |
|--|--------------------|--|---|-------------------------------------|
|  | 06/22/20 16:29 EST |  | 0 | Marine Thunderstorm Wind (MG 42 kt) |
|  | 06/22/20 16:34 EST |  | 0 | Source: Buoy                        |

Wind gusts up to 42 knots were reported at Black Walnut Harbor.

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### EASTERN BAY COUNTY --- 12.7 SSE STEVENSVILLE (D2030) [38.78, -76.25]

|  |                    |  |   |                                     |
|--|--------------------|--|---|-------------------------------------|
|  | 06/22/20 16:42 EST |  | 0 | Marine Thunderstorm Wind (EG 34 kt) |
|  | 06/22/20 16:42 EST |  | 0 | Source: Mesonet                     |

Wind gusts in excess of 30 knots were reported at Saint Michaels.

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

|  |                    |  |   |                                     |
|--|--------------------|--|---|-------------------------------------|
|  | 06/22/20 16:45 EST |  | 0 | Marine Thunderstorm Wind (MG 36 kt) |
|  | 06/22/20 16:45 EST |  | 0 | Source: Buoy                        |

## Storm Data and Unusual Weather Phenomena - June 2020

| Location  | Date/Time          | Deaths &<br>Injuries | Property &<br>Crop Dmg | Event Type and Details              |
|---|--------------------|----------------------|------------------------|-------------------------------------|
| <b>CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- KENT ISLAND (KNT) [38.92, -76.36]</b>   |                    |                      |                        |                                     |
|   | 06/22/20 16:47 EST | 0                    |                        | Marine Thunderstorm Wind (EG 34 kt) |
|   | 06/22/20 16:47 EST |                      | 0                      | Source: Buoy                        |
| Wind gusts in excess of 30 knots were reported.   |                    |                      |                        |                                     |
| <b>CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- THOMAS POINT (TPLM2) [38.90, -76.44]</b>  |                    |                      |                        |                                     |
|   | 06/22/20 16:47 EST | 0                    |                        | Marine Thunderstorm Wind (MG 44 kt) |
|   | 06/22/20 16:47 EST |                      | 0                      | Source: Buoy                        |
| A weak pressure trough/surface front ignited a cluster of strong to severe thunderstorms. The storms began over eastern West Virginia during the early afternoon, then progressed eastward into the waters producing gusty winds. |                    |                      |                        |                                     |
| <b>TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- LEWISSETTA (LWS) [38.00, -76.47]</b>  |                    |                      |                        |                                     |
|   | 06/25/20 18:06 EST | 0                    |                        | Marine Thunderstorm Wind (MG 34 kt) |
|   | 06/25/20 18:06 EST |                      | 0                      | Source: Buoy                        |
| <b>TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- QUANTICO (KNYG) [38.51, -77.30]</b>   |                    |                      |                        |                                     |
|   | 06/25/20 19:39 EST | 0                    |                        | Marine Thunderstorm Wind (MG 55 kt) |
|   | 06/25/20 19:39 EST |                      | 0                      | Source: AWOS                        |
| <b>TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- MONROE CREEK (MON) [38.23, -76.95]</b>  |                    |                      |                        |                                     |
|   | 06/25/20 20:46 EST | 0                    |                        | Marine Thunderstorm Wind (EG 34 kt) |
|   | 06/25/20 20:46 EST |                      | 0                      | Source: Buoy                        |
| A wind gust in excess of 30 knots was reported.   |                    |                      |                        |                                     |
| A few storms produced gusty winds due to an unstable atmosphere.  |                    |                      |                        |                                     |
| <b>CHESAPEAKE BAY N OF POOLES IS MD COUNTY --- GROVE POINT (GVP) [39.40, -76.04]</b>  |                    |                      |                        |                                     |
|   | 06/27/20 16:10 EST | 0                    |                        | Marine Thunderstorm Wind (MG 38 kt) |
|   | 06/27/20 16:10 EST |                      | 0                      | Source: Buoy                        |
| <b>CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- ANNAPOLIS (KNAK) [38.98, -76.48]</b>  |                    |                      |                        |                                     |
|   | 06/27/20 16:26 EST | 0                    |                        | Marine Thunderstorm Wind (MG 34 kt) |
|   | 06/27/20 16:26 EST |                      | 0                      | Source: ASOS                        |
| <b>CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- GREENBURY POINT (GBY) [38.97, -76.46]</b>   |                    |                      |                        |                                     |
|   | 06/27/20 16:29 EST | 0                    |                        | Marine Thunderstorm Wind (MG 48 kt) |
|   | 06/27/20 16:44 EST |                      | 0                      | Source: Buoy                        |
| Wind gusts up to 48 knots were reported.  |                    |                      |                        |                                     |
| <b>CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- ANNAPOLIS MD (APAM2) [38.98, -76.48]</b>  |                    |                      |                        |                                     |
|   | 06/27/20 16:30 EST | 0                    |                        | Marine Thunderstorm Wind (MG 36 kt) |
|   | 06/27/20 16:30 EST |                      | 0                      | Source: Mesonet                     |
| <b>CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- TOLLY POINT (TOL) [38.94, -76.44]</b>   |                    |                      |                        |                                     |
|   | 06/27/20 16:35 EST | 0                    |                        | Marine Thunderstorm Wind (MG 44 kt) |
|   | 06/27/20 16:40 EST |                      | 0                      | Source: Buoy                        |
| Wind gusts of 36 to 44 knots were reported.   |                    |                      |                        |                                     |
| <b>CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- KENT ISLAND (KNT) [38.92, -76.36]</b>   |                    |                      |                        |                                     |
|   | 06/27/20 16:40 EST | 0                    |                        | Marine Thunderstorm Wind (EG 34 kt) |
|   | 06/27/20 16:40 EST |                      | 0                      | Source: Buoy                        |
| A wind gust in excess of 30 knots was reported.   |                    |                      |                        |                                     |

## Storm Data and Unusual Weather Phenomena - June 2020

| Location  | Date/Time          | Deaths & Injuries | Property & Crop Dmg | Event Type and Details              |
|---|--------------------|-------------------|---------------------|-------------------------------------|
| <b>TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- QUANTICO (KNYG) [38.51, -77.30]</b> |                    |                   |                     |                                     |
|   | 06/27/20 16:45 EST |                   | 0                   | Marine Thunderstorm Wind (EG 34 kt) |
|   | 06/27/20 16:45 EST |                   | 0                   | Source: AWOS                        |

A wind gust in excess of 30 knots was reported.

|  |                    |  |   |                                     |
|--|--------------------|--|---|-------------------------------------|
| <b>CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- 0.2 SSE (KW29)BAY BRIDGE AIRPORT [38.98, -76.33]</b> |                    |  |   |                                     |
|  | 06/27/20 16:50 EST |  | 0 | Marine Thunderstorm Wind (MG 38 kt) |
|  | 06/27/20 16:50 EST |  | 0 | Source: Mesonet                     |

A wind gust of 38 knots was reported at the Stevensville Marina.

|   |                    |  |   |                                     |
|---|--------------------|--|---|-------------------------------------|
| <b>CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- HERRING BAY (HRB) [38.73, -76.54]</b> |                    |  |   |                                     |
|   | 06/27/20 17:11 EST |  | 0 | Marine Thunderstorm Wind (MG 34 kt) |
|   | 06/27/20 17:11 EST |  | 0 | Source: Buoy                        |

An unstable atmosphere caused a few thunderstorms with gusty winds over the waters.

|  |                    |  |   |                                     |
|--|--------------------|--|---|-------------------------------------|
| <b>CHESAPEAKE BAY N OF POOLES IS MD COUNTY --- GROVE POINT (GVP) [39.40, -76.04]</b> |                    |  |   |                                     |
|  | 06/28/20 17:15 EST |  | 0 | Marine Thunderstorm Wind (EG 34 kt) |
|  | 06/28/20 17:20 EST |  | 0 | Source: Buoy                        |

A wind gust in excess of 30 knots was reported.

An isolated storm produced gusty winds.

### DISTRICT OF COLUMBIA

|   |                    |  |     |                              |
|---|--------------------|--|-----|------------------------------|
| <b>DISTRICT OF COLUMBIA COUNTY --- 1.7 E TENLEYTOWN [38.95, -77.04]</b> |                    |  |     |                              |
|   | 06/04/20 19:08 EST |  | 10K | Thunderstorm Wind (EG 50 kt) |
|   | 06/04/20 19:08 EST |  | 0   | Source: 911 Call Center      |

Multiple trees were blown down throughout DC.

|  |                    |  |    |                              |
|--|--------------------|--|----|------------------------------|
| <b>DISTRICT OF COLUMBIA COUNTY --- 1.0 SSW ANACOSTIA [38.86, -76.98]</b> |                    |  |    |                              |
|  | 06/04/20 19:28 EST |  | 5K | Thunderstorm Wind (EG 50 kt) |
|  | 06/04/20 19:28 EST |  | 0  | Source: 911 Call Center      |

Multiple trees and branches were blown down in Southeast DC.

**Thunderstorms initiated along a pressure trough in the lee of the Appalachian Mountains during the mid to late afternoon, and persisted into the evening. Some thunderstorms became severe, producing scattered instances of damaging wind gusts.**

|   |                    |   |   |                                |
|---|--------------------|---|---|--------------------------------|
| <b>DISTRICT OF COLUMBIA COUNTY --- 1.5 NNE LINCOLN MEMORIAL [38.90, -77.04]</b> |                    |   |   |                                |
|   | 06/04/20 23:05 EST |   | 0 | Lightning                      |
|   | 06/04/20 23:05 EST | 2 | 0 | Source: Fire Department/Rescue |

Two military personnel were struck by lightning shortly after midnight local time, leading to non-life threatening injuries.

**Storms moving through DC produced lightning. One of the strikes hit two people, leading to non-life threatening injuries.**

|   |                    |  |   |                           |
|---|--------------------|--|---|---------------------------|
| <b>DISTRICT OF COLUMBIA COUNTY --- 0.9 W WALTER REED [38.98, -77.05], 0.8 W WALTER REED [38.98, -77.05], 0.7 WSW WALTER REED [38.98, -77.04], 0.8 WSW WALTER REED [38.98, -77.04]</b> |                    |  |   |                           |
|   | 06/05/20 17:43 EST |  | 0 | Flood (due to Heavy Rain) |
|   | 06/05/20 19:45 EST |  | 0 | Source: River/Stream Gage |

The water level rose above flood stage of 7 feet, and it crested at 7.68 feet at 6:00 PM EST. Water reached several portions of the Valley Trail between Picnic areas 7 and 10 in Rock Creek Park.

## Storm Data and Unusual Weather Phenomena - June 2020

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

An upper-level trough and a weak cold front triggered some showers and thunderstorms. With deep moisture an a weak flow aloft, slow moving storms caused heavy rainfall that led to areas of flooding and flash flooding.

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**DISTRICT OF COLUMBIA COUNTY --- 0.5 NNE TENLEYTOWN [38.96, -77.07]**

|                    |  |  |     |                              |
|--------------------|--|--|-----|------------------------------|
| 06/25/20 17:45 EST |  |  | 25K | Thunderstorm Wind (EG 50 kt) |
| 06/25/20 17:45 EST |  |  | 0   | Source: Broadcast Media      |

There were multiple reports of trees, branches, and wires down across Northwest DC, including on 36th Street Northwest between Garrison Avenue Northwest and Nevada Avenue Northwest, on Fessenden Street Northwest between 36th Street Northwest and 34th Street Northwest, and on Linnean Terrace Northwest between 33rd Street Northwest and Linnean Avenue Northwest. A tree fell on a house in the 3600 block of Chesapeake Street Northwest.

An unseasonably strong upper-level trough interacted with a modestly unstable environment over the Middle Atlantic to produce several supercell thunderstorms which transitioned into small bowing line segments across far eastern West Virginia, central Maryland and northern Virginia. The storms produce substantial and relatively widespread wind damage and some hail along their path, though the storms themselves were isolated to widely scattered in nature.

---

**DISTRICT OF COLUMBIA COUNTY --- 0.7 NW WALTER REED [38.99, -77.04]**

|                    |  |  |     |                              |
|--------------------|--|--|-----|------------------------------|
| 06/27/20 16:05 EST |  |  | 10K | Thunderstorm Wind (EG 50 kt) |
| 06/27/20 16:05 EST |  |  | 0   | Source: 911 Call Center      |

There were seven reports of trees blown down in Northeast DC.

A few isolated severe thunderstorms developed near the Washington, DC, metro area during the late afternoon hours of Saturday, June 27th, 2020.

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### MARYLAND, Central

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**ALLEGANY COUNTY --- 4.1 NE OLDTOWN [39.60, -78.58]**

|                    |  |  |    |                              |
|--------------------|--|--|----|------------------------------|
| 06/04/20 16:24 EST |  |  | 1K | Thunderstorm Wind (EG 50 kt) |
| 06/04/20 16:24 EST |  |  | 0  | Source: 911 Call Center      |

A tree was blown down on Schuler Lane.

---

**ALLEGANY COUNTY --- 4.8 ESE FLINTSTONE [39.68, -78.48]**

|                    |  |  |    |                              |
|--------------------|--|--|----|------------------------------|
| 06/04/20 16:37 EST |  |  | 4K | Thunderstorm Wind (EG 55 kt) |
| 06/04/20 16:37 EST |  |  | 0  | Source: 911 Call Center      |

Multiple trees were blown down on Alternate US-40 National Pike and Oldtown Road Southeast.

---

**CALVERT COUNTY --- 6.3 ENE NOTTINGHAM [38.74, -76.59]**

|                    |  |  |       |                                |
|--------------------|--|--|-------|--------------------------------|
| 06/04/20 20:00 EST |  |  | 1.50K | Thunderstorm Wind (EG 50 kt)   |
| 06/04/20 20:00 EST |  |  | 0     | Source: Department of Highways |

A tree was blown down on MD-2 Solomons Island Road North near Sansbury Road.

Thunderstorms initiated along a pressure trough in the lee of the Appalachian Mountains during the mid to late afternoon, and persisted into the evening. Some thunderstorms became severe, producing scattered instances of damaging wind gusts.

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**PRINCE GEORGE'S COUNTY --- 0.3 N BRANCHVILLE [39.00, -76.93], 0.2 N BRANCHVILLE [39.00, -76.93], 0.2 N BRANCHVILLE [39.00, -76.93], 0.3 N BRANCHVILLE [39.00, -76.93]**

|                    |  |  |   |                                |
|--------------------|--|--|---|--------------------------------|
| 06/05/20 00:13 EST |  |  | 0 | Flood (due to Heavy Rain)      |
| 06/05/20 02:13 EST |  |  | 0 | Source: Department of Highways |

US-1 Baltimore Avenue was closed in both directions due to flooding near Cherokee Street.

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**MONTGOMERY COUNTY --- 1.2 SSW LEWISDALE [39.27, -77.28], 1.2 SSW LEWISDALE [39.27, -77.28], 1.3 SSW LEWISDALE [39.26, -77.28], 1.3 SSW LEWISDALE [39.26, -77.28]**

|                    |  |  |   |                                |
|--------------------|--|--|---|--------------------------------|
| 06/05/20 15:50 EST |  |  | 0 | Flood (due to Heavy Rain)      |
| 06/05/20 17:50 EST |  |  | 0 | Source: Department of Highways |

## Storm Data and Unusual Weather Phenomena - June 2020

| Location  | Date/Time          | Deaths &<br>Injuries | Property &<br>Crop Dmg | Event Type and Details          |
|---|--------------------|----------------------|------------------------|---------------------------------|
| A vehicle was disabled in high water on Clarksburg Road.  |                    |                      |                        |                                 |
| <b>HARFORD COUNTY --- 2.6 NNE MADONNA [39.65, -76.49], 3.0 NE MADONNA [39.65, -76.49], 3.0 NNE MADONNA [39.66, -76.49], 2.7 NNE MADONNA [39.65, -76.49]</b> |                    |                      |                        |                                 |
|   | 06/05/20 16:04 EST |                      | 0                      | Flash Flood (due to Heavy Rain) |
|   | 06/05/20 18:45 EST |                      | 0                      | Source: 911 Call Center         |

Water rescues were needed for flash flooding along Madonna Road.

|  |                    |  |   |                           |
|--|--------------------|--|---|---------------------------|
| <b>FREDERICK COUNTY --- 1.2 NW URBANA [39.34, -77.37], 1.1 NW URBANA [39.34, -77.36], 1.1 NW URBANA [39.34, -77.37], 1.2 NW URBANA [39.34, -77.37]</b> |                    |  |   |                           |
|  | 06/05/20 16:10 EST |  | 0 | Flood (due to Heavy Rain) |
|  | 06/05/20 18:10 EST |  | 0 | Source: 911 Call Center   |

High water caused Table Road to be closed.

|  |                    |  |   |                           |
|--|--------------------|--|---|---------------------------|
| <b>FREDERICK COUNTY --- 1.3 WSW LIME KILN [39.34, -77.45], 1.1 WNW BUCKEYSTOWN [39.33, -77.45], 1.5 WNW BUCKEYSTOWN [39.34, -77.46], 1.5 WSW LIME KILN [39.34, -77.45]</b> |                    |  |   |                           |
|  | 06/05/20 16:10 EST |  | 0 | Flood (due to Heavy Rain) |
|  | 06/05/20 18:10 EST |  | 0 | Source: 911 Call Center   |

New Design Road was closed due to high water.

|   |                    |  |   |                                |
|---|--------------------|--|---|--------------------------------|
| <b>MONTGOMERY COUNTY --- 1.0 N CLOPPER [39.16, -77.23], 1.0 N CLOPPER [39.16, -77.23], 1.0 N CLOPPER [39.16, -77.23], 1.0 N CLOPPER [39.16, -77.23]</b> |                    |  |   |                                |
|   | 06/05/20 17:09 EST |  | 0 | Flood (due to Heavy Rain)      |
|   | 06/05/20 19:09 EST |  | 0 | Source: Fire Department/Rescue |

A water rescue occurred along the 11200 Block of Game Preserve Road off of North Frederick Avenue.

|  |                    |  |   |                                 |
|--|--------------------|--|---|---------------------------------|
| <b>HARFORD COUNTY --- 0.9 SSW STREET [39.66, -76.38], 1.1 S STREET [39.66, -76.38], 1.0 S STREET [39.66, -76.38], 0.9 S STREET [39.66, -76.38]</b> |                    |  |   |                                 |
|  | 06/05/20 17:13 EST |  | 0 | Flash Flood (due to Heavy Rain) |
|  | 06/05/20 18:45 EST |  | 0 | Source: 911 Call Center         |

A water rescue occurred due to high water near Grier Nursery Road and Glasgow Road.

|   |                    |  |   |                                |
|---|--------------------|--|---|--------------------------------|
| <b>MONTGOMERY COUNTY --- 1.3 N FRIENDSHIP HGTS [38.99, -77.08], 1.2 N FRIENDSHIP HGTS [38.99, -77.08], 1.3 N FRIENDSHIP HGTS [38.99, -77.08], 1.3 N FRIENDSHIP HGTS [38.99, -77.08]</b> |                    |  |   |                                |
|   | 06/05/20 17:17 EST |  | 0 | Flood (due to Heavy Rain)      |
|   | 06/05/20 19:17 EST |  | 0 | Source: Fire Department/Rescue |

High water was reported in vehicles along the 4100 Block of East West Highway, between Maple Avenue and Edgevale Street.

|  |                    |  |   |                                 |
|--|--------------------|--|---|---------------------------------|
| <b>HARFORD COUNTY --- 0.7 N STREET [39.68, -76.38], 0.8 NNE STREET [39.68, -76.38], 0.9 N STREET [39.68, -76.38], 0.8 N STREET [39.68, -76.38]</b> |                    |  |   |                                 |
|  | 06/05/20 17:22 EST |  | 0 | Flash Flood (due to Heavy Rain) |
|  | 06/05/20 18:45 EST |  | 0 | Source: Public                  |

There was more than a foot of moving water across Old Pylesville Road near Street Road.

|   |                    |  |   |                                 |
|---|--------------------|--|---|---------------------------------|
| <b>HARFORD COUNTY --- 1.1 NNW ROCKS [39.64, -76.43], 1.4 NE ROCKS [39.65, -76.41], 1.3 E ROCKS [39.63, -76.40], 0.4 SSW ROCKS [39.63, -76.42]</b> |                    |  |   |                                 |
|   | 06/05/20 17:37 EST |  | 0 | Flash Flood (due to Heavy Rain) |
|   | 06/05/20 18:45 EST |  | 0 | Source: River/Stream Gage       |

The water level quickly rose above flood stage of 11 feet. Numerous portions of Route 24 and Saint Clair Bridge Road were flooded, including parking lots in Rocks State Park. At least a couple structures were flooded.

|   |                    |  |   |                           |
|---|--------------------|--|---|---------------------------|
| <b>MONTGOMERY COUNTY --- 1.1 NNW TAKOMA PARK [38.99, -77.00], 1.1 N TAKOMA PARK [38.99, -77.00], 1.1 N TAKOMA PARK [38.99, -77.00], 1.1 NNW TAKOMA PARK [38.99, -77.00]</b> |                    |  |   |                           |
|   | 06/05/20 17:44 EST |  | 0 | Flood (due to Heavy Rain) |
|   | 06/05/20 18:20 EST |  | 0 | Source: River/Stream Gage |

The water level rose above flood stage of 5.5 feet, cresting at 5.94 feet at 6:05 PM EST. Water approached Sligo Creek Parkway.



## Storm Data and Unusual Weather Phenomena - June 2020

| Location  | Date/Time          | Deaths & Injuries | Property & Crop Dmg | Event Type and Details         |
|---|--------------------|-------------------|---------------------|--------------------------------|
| <b>HARFORD COUNTY --- 1.1 NNW ROCKS [39.64, -76.43], 1.4 NE ROCKS [39.65, -76.41], 1.3 E ROCKS [39.63, -76.40], 0.4 SSW ROCKS [39.63, -76.42]</b>   |                    |                   |                     |                                |
|   | 06/05/20 18:46 EST |                   | 0                   | Flood (due to Heavy Rain)      |
|   | 06/05/20 21:16 EST |                   | 0                   | Source: River/Stream Gage      |
| The water level crested at 15.11 feet at 8:00 PM EST, which is above the flood stage of 11 feet. Numerous portions of Route 24 and Saint Clair Bridge Road were flooded, including parking lots in Rocks State Park. At least a couple structures were flooded. |                    |                   |                     |                                |
| <b>HARFORD COUNTY --- 2.1 NNW DUBLIN [39.68, -76.28], 2.1 NNW DUBLIN [39.68, -76.28], 2.2 NNW DUBLIN [39.68, -76.28], 2.2 NNW DUBLIN [39.68, -76.28]</b>  |                    |                   |                     |                                |
|   | 06/05/20 20:58 EST |                   | 0                   | Flood (due to Heavy Rain)      |
|   | 06/05/20 22:58 EST |                   | 0                   | Source: Fire Department/Rescue |
| There was a water rescue due to high water along Robinson Mill Road at Broad Creek Bridge.  |                    |                   |                     |                                |
| <b>ANNE ARUNDEL COUNTY --- 1.0 SE CROFTON [38.99, -76.64], 0.9 SE CROFTON [38.99, -76.64], 1.1 WNW LUSBY XRDS [38.99, -76.62], 1.1 NNE RUTLAND [38.99, -76.62]</b>  |                    |                   |                     |                                |
|   | 06/05/20 21:50 EST |                   | 0                   | Flood (due to Heavy Rain)      |
|   | 06/05/20 23:50 EST |                   | 0                   | Source: Broadcast Media        |
| Defense highway was closed due to high water between Huntwood Drive and St. Stephens Church Road.   |                    |                   |                     |                                |
| <b>HARFORD COUNTY --- 1.3 E ADY [39.63, -76.31], 1.4 ESE ADY [39.62, -76.31], 1.2 ESE ADY [39.62, -76.31], 1.1 E ADY [39.63, -76.31]</b>  |                    |                   |                     |                                |
|   | 06/06/20 00:30 EST |                   | 0                   | Flood (due to Heavy Rain)      |
|   | 06/06/20 02:30 EST |                   | 0                   | Source: 911 Call Center        |
| Sandy Hook Road was closed near Deer Creek due to flooding.   |                    |                   |                     |                                |
| <b>An upper-level trough and a weak cold front triggered some showers and thunderstorms. With deep moisture an a weak flow aloft, slow moving storms caused heavy rainfall that led to areas of flooding and flash flooding.</b>                                |                    |                   |                     |                                |
| <b>MONTGOMERY COUNTY --- 0.4 SE DICKERSON [39.22, -77.42]</b>   |                    |                   |                     |                                |
|   | 06/10/20 18:24 EST |                   | 2K                  | Thunderstorm Wind (EG 50 kt)   |
|   | 06/10/20 18:24 EST |                   | 0                   | Source: 911 Call Center        |
| A tree and branches were blown down onto wires in the 22100 block of Dickerson Road.  |                    |                   |                     |                                |
| <b>FREDERICK COUNTY --- 2.1 ESE TUSCARORA [39.24, -77.43]</b>   |                    |                   |                     |                                |
|   | 06/10/20 18:27 EST |                   | 1.50K               | Thunderstorm Wind (EG 50 kt)   |
|   | 06/10/20 18:27 EST |                   | 0                   | Source: Trained Spotter        |
| A tree blew down onto wires near a spotter's home in Tuscarora.   |                    |                   |                     |                                |
| <b>MONTGOMERY COUNTY --- 1.0 SSW REDLAND [39.14, -77.16]</b>  |                    |                   |                     |                                |
|   | 06/10/20 18:52 EST |                   | 1K                  | Thunderstorm Wind (EG 50 kt)   |
|   | 06/10/20 18:52 EST |                   | 0                   | Source: Department of Highways |
| A tree was blown down onto MD-200 east of Shady Grove Road.   |                    |                   |                     |                                |
| <b>FREDERICK COUNTY --- 0.6 E BARTHOLOW [39.37, -77.22]</b>   |                    |                   |                     |                                |
|   | 06/10/20 18:57 EST |                   | 3K                  | Thunderstorm Wind (EG 50 kt)   |
|   | 06/10/20 18:57 EST |                   | 0                   | Source: Department of Highways |
| Multiple trees were blown down in the area of I-70 Baltimore National Pike near Mile Marker 65 and MD-550 Woodsboro Road near Pine Tree Road.   |                    |                   |                     |                                |
| <b>MONTGOMERY COUNTY --- 0.3 SSW KENSINGTON ESTATES [39.03, -77.07]</b>   |                    |                   |                     |                                |
|   | 06/10/20 19:00 EST |                   | 6K                  | Thunderstorm Wind (EG 50 kt)   |
|   | 06/10/20 19:00 EST |                   | 0                   | Source: 911 Call Center        |
| There were multiple reports of trees and wires blown down in the Kensington area, including on I-495 Capital Beltway going into Bethesda.   |                    |                   |                     |                                |
| <b>HARFORD COUNTY --- 1.5 E ROCKS [39.63, -76.39]</b>   |                    |                   |                     |                                |

## Storm Data and Unusual Weather Phenomena - June 2020

| Location  | Date/Time          | Deaths & Injuries | Property & Crop Dmg | Event Type and Details         |
|---|--------------------|-------------------|---------------------|--------------------------------|
|   | 06/10/20 20:32 EST |                   | 1K                  | Thunderstorm Wind (EG 50 kt)   |
|   | 06/10/20 20:32 EST |                   | 0                   | Source: 911 Call Center        |
| A tree was blown down near the intersection of Cherry Hill Road and Deer Hill Road.   |                    |                   |                     |                                |
| <b>HARFORD COUNTY --- 0.6 WNW GLENWOOD [39.52, -76.34]</b>  |                    |                   |                     |                                |
|   | 06/10/20 20:52 EST |                   | 1.50K               | Thunderstorm Wind (EG 50 kt)   |
|   | 06/10/20 20:52 EST |                   | 0                   | Source: 911 Call Center        |
| A tree was blown down onto power lines in the 200 block of Wakefield Drive.   |                    |                   |                     |                                |
| <b>FREDERICK COUNTY --- 0.1 WSW MONROVIA [39.37, -77.27]</b>  |                    |                   |                     |                                |
|   | 06/10/20 21:12 EST |                   | 1K                  | Thunderstorm Wind (EG 50 kt)   |
|   | 06/10/20 21:12 EST |                   | 0                   | Source: 911 Call Center        |
| A tree was blown down in the 4900 block of Green Valley Road.   |                    |                   |                     |                                |
| <b>CARROLL COUNTY --- 1.6 SW SMALLWOOD [39.50, -77.00]</b>  |                    |                   |                     |                                |
|   | 06/10/20 21:32 EST |                   | 1K                  | Thunderstorm Wind (EG 50 kt)   |
|   | 06/10/20 21:32 EST |                   | 0                   | Source: 911 Call Center        |
| A tree was blown down on Nicodemus Road between MD-27 Ridge Road and Salem Bottom Road.   |                    |                   |                     |                                |
| <b>A few severe thunderstorms developed during the mid afternoon to evening hours across portions of central Maryland.</b>                          |                    |                   |                     |                                |
| <b>ALLEGANY COUNTY --- 0.9 WNW OLDTOWN [39.56, -78.63]</b>  |                    |                   |                     |                                |
|   | 06/22/20 12:42 EST |                   | 5K                  | Thunderstorm Wind (EG 55 kt)   |
|   | 06/22/20 12:42 EST |                   | 0                   | Source: 911 Call Center        |
| Several trees were blown down near Spring Gap.  |                    |                   |                     |                                |
| <b>FREDERICK COUNTY --- 0.7 E URBANA [39.33, -77.34]</b>  |                    |                   |                     |                                |
|   | 06/22/20 14:00 EST |                   | 4.50K               | Thunderstorm Wind (EG 50 kt)   |
|   | 06/22/20 14:00 EST |                   | 0                   | Source: 911 Call Center        |
| A tree was blown down on MD-80 Fingerboard Road near Singleton Drive. Several other trees and large branches were blown down in a half mile radius. |                    |                   |                     |                                |
| <b>CARROLL COUNTY --- 0.7 E LINWOOD [39.57, -77.14]</b>   |                    |                   |                     |                                |
|   | 06/22/20 14:41 EST |                   | 3.50K               | Thunderstorm Wind (EG 50 kt)   |
|   | 06/22/20 14:41 EST |                   | 0                   | Source: 911 Call Center        |
| Several trees were blown down in the vicinity of Pipe Creek Road and Stern Road.  |                    |                   |                     |                                |
| <b>WASHINGTON COUNTY --- 1.0 WNW HANCOCK [39.71, -78.20]</b>  |                    |                   |                     |                                |
|   | 06/22/20 14:42 EST |                   | 1K                  | Thunderstorm Wind (EG 50 kt)   |
|   | 06/22/20 14:42 EST |                   | 0                   | Source: 911 Call Center        |
| A tree was blown down on Creek Road near Hancock.   |                    |                   |                     |                                |
| <b>MONTGOMERY COUNTY --- 0.1 SW CLOPPER [39.15, -77.23]</b>   |                    |                   |                     |                                |
|   | 06/22/20 15:18 EST |                   | 6K                  | Thunderstorm Wind (EG 55 kt)   |
|   | 06/22/20 15:18 EST |                   | 0                   | Source: Public                 |
| Multiple trees were blown down in the Gaithersburg area.  |                    |                   |                     |                                |
| <b>FREDERICK COUNTY --- 1.8 W URBANA [39.33, -77.38]</b>  |                    |                   |                     |                                |
|   | 06/22/20 15:20 EST |                   | 2.50K               | Thunderstorm Wind (EG 50 kt)   |
|   | 06/22/20 15:20 EST |                   | 0                   | Source: Department of Highways |
| There were reports of trees blown down on MD-80 Fingerboard Road near Park Mills Road.  |                    |                   |                     |                                |
| <b>CHARLES COUNTY --- 0.4 W NEWBURG [38.38, -76.96]</b>   |                    |                   |                     |                                |

## Storm Data and Unusual Weather Phenomena - June 2020

| Location   | Date/Time          | Deaths & Injuries | Property & Crop Dmg | Event Type and Details         |
|--|--------------------|-------------------|---------------------|--------------------------------|
|  | 06/22/20 15:28 EST |                   | 5K                  | Thunderstorm Wind (EG 55 kt)   |
|  | 06/22/20 15:28 EST |                   | 0                   | Source: Department of Highways |
| Multiple trees were blown down along US-301 Crain Highway in southern Charles County.  |                    |                   |                     |                                |
| <hr/>  |                    |                   |                     |                                |
| <b>MONTGOMERY COUNTY --- 0.4 WSW HYATTSTOWN [39.28, -77.33]</b>  |                    |                   |                     |                                |
|  | 06/22/20 15:28 EST |                   | 1K                  | Thunderstorm Wind (EG 50 kt)   |
|  | 06/22/20 15:28 EST |                   | 0                   | Source: Department of Highways |
| A tree blew down onto MD-109 Old Hundred Road near Peach Tree Road.  |                    |                   |                     |                                |
| <hr/>  |                    |                   |                     |                                |
| <b>MONTGOMERY COUNTY --- 1.4 NE WOODHAVEN [39.02, -77.12]</b>  |                    |                   |                     |                                |
|  | 06/22/20 15:38 EST |                   | 15K                 | Thunderstorm Wind (EG 55 kt)   |
|  | 06/22/20 15:38 EST |                   | 0                   | Source: Emergency Manager      |
| Numerous trees were blown down in the Kensington/Bethesda area, including along and near I-495 Capital Beltway. A tree fell on a car causing an accident on the Outer Loop of I-495 Capital Beltway near the Bethesda Trolley Trail, but there were no injuries. |                    |                   |                     |                                |
| <hr/>  |                    |                   |                     |                                |
| <b>ST. MARY'S COUNTY --- 1.0 NNW DYNARD [38.33, -76.74]</b>  |                    |                   |                     |                                |
|  | 06/22/20 15:45 EST |                   | 7K                  | Thunderstorm Wind (EG 55 kt)   |
|  | 06/22/20 15:45 EST |                   | 0                   | Source: 911 Call Center        |
| Multiple trees were blown down along Budds Creek Road in Clements.   |                    |                   |                     |                                |
| <hr/>  |                    |                   |                     |                                |
| <b>CALVERT COUNTY --- 0.5 NW ST LEONARD [38.47, -76.51]</b>  |                    |                   |                     |                                |
|  | 06/22/20 16:15 EST |                   | 5K                  | Thunderstorm Wind (EG 50 kt)   |
|  | 06/22/20 16:15 EST |                   | 0                   | Source: 911 Call Center        |
| Several trees were blown down in Saint Leonard.  |                    |                   |                     |                                |
| <hr/>  |                    |                   |                     |                                |
| <b>CALVERT COUNTY --- 0.5 SE HUNTINGTOWN [38.61, -76.61]</b>   |                    |                   |                     |                                |
|  | 06/22/20 16:15 EST |                   | 5K                  | Thunderstorm Wind (EG 50 kt)   |
|  | 06/22/20 16:15 EST |                   | 0                   | Source: 911 Call Center        |
| Several trees were blown down in Huntingtown.  |                    |                   |                     |                                |
| <hr/>  |                    |                   |                     |                                |
| <b>HOWARD COUNTY --- 0.4 SSW SCAGGSVILLE [39.15, -76.90]</b>   |                    |                   |                     |                                |
|  | 06/22/20 16:15 EST |                   | 1.50K               | Thunderstorm Wind (EG 50 kt)   |
|  | 06/22/20 16:15 EST |                   | 0                   | Source: Department of Highways |
| A tree was blown down on US-29 Columbia Pike at MD-216 Lime Kiln Road.   |                    |                   |                     |                                |
| <hr/>  |                    |                   |                     |                                |
| <b>HOWARD COUNTY --- 1.3 WNW PINE ORCHARD [39.29, -76.89]</b>  |                    |                   |                     |                                |
|  | 06/22/20 16:15 EST |                   | 2K                  | Thunderstorm Wind (EG 50 kt)   |
|  | 06/22/20 16:15 EST |                   | 0                   | Source: Department of Highways |
| A tree was blown down onto US-40 Baltimore National Pike near Turf Valley Road.  |                    |                   |                     |                                |
| <hr/>  |                    |                   |                     |                                |
| <b>HOWARD COUNTY --- 2.4 SSW NORTH LAUREL [39.10, -76.90]</b>  |                    |                   |                     |                                |
|  | 06/22/20 16:15 EST |                   | 0                   | Hail (1.00 in)                 |
|  | 06/22/20 16:15 EST |                   | 0                   | Source: Public                 |
| Quarter size hail was reported in West Laurel.   |                    |                   |                     |                                |
| <hr/>  |                    |                   |                     |                                |
| <b>HOWARD COUNTY --- 1.2 NNE BRINKLEIGH MANOR [39.30, -76.83]</b>  |                    |                   |                     |                                |
|  | 06/22/20 16:30 EST |                   | 2K                  | Thunderstorm Wind (EG 50 kt)   |
|  | 06/22/20 16:30 EST |                   | 0                   | Source: Department of Highways |
| A tree was blown down on westbound I-70 at US-29 Columbia Pike.  |                    |                   |                     |                                |
| <hr/>  |                    |                   |                     |                                |
| <b>BALTIMORE COUNTY --- 0.8 WSW WOODLAWN [39.32, -76.74]</b>   |                    |                   |                     |                                |

## Storm Data and Unusual Weather Phenomena - June 2020

| Location  | Date/Time          | Deaths & Injuries | Property & Crop Dmg | Event Type and Details         |
|---|--------------------|-------------------|---------------------|--------------------------------|
|   | 06/22/20 16:38 EST |                   | 1.50K               | Thunderstorm Wind (EG 50 kt)   |
|   | 06/22/20 16:38 EST |                   | 0                   | Source: Department of Highways |
| A tree blew down onto I-695 Baltimore Beltway Outer Loop near MD-122 Security Boulevard.  |                    |                   |                     |                                |
| <hr/>   |                    |                   |                     |                                |
| <b>BALTIMORE COUNTY --- 0.7 WNW PADONIA [39.45, -76.64]</b>   |                    |                   |                     |                                |
|   | 06/22/20 16:40 EST |                   | 2K                  | Thunderstorm Wind (EG 50 kt)   |
|   | 06/22/20 16:40 EST |                   | 0                   | Source: Department of Highways |
| A tree was blown down on northbound I-83 Baltimore-Harrisburg Expressway prior to Exit 17/West Padonia Road.  |                    |                   |                     |                                |
| <hr/>   |                    |                   |                     |                                |
| <b>BALTIMORE COUNTY --- 1.0 SSE PLEASANT GROVE [39.56, -76.77]</b>  |                    |                   |                     |                                |
|   | 06/22/20 16:44 EST |                   | 1.50K               | Thunderstorm Wind (EG 50 kt)   |
|   | 06/22/20 16:44 EST |                   | 0                   | Source: Department of Highways |
| A tree was reported down on MD-88 Black Rock Road near Benson Mill Road.  |                    |                   |                     |                                |
| <hr/>   |                    |                   |                     |                                |
| <b>HOWARD COUNTY --- 1.4 ESE MC ALPINE [39.24, -76.80]</b>  |                    |                   |                     |                                |
|   | 06/22/20 16:45 EST |                   | 0.15M               | Thunderstorm Wind (EG 60 kt)   |
|   | 06/22/20 16:45 EST |                   | 0                   | Source: Emergency Manager      |
| Numerous (dozens) of trees were blown down in and near Ellicott City. One tree fell on and destroyed a house.   |                    |                   |                     |                                |
| <hr/>   |                    |                   |                     |                                |
| <b>BALTIMORE COUNTY --- 1.0 W OAKLEIGH [39.40, -76.57]</b>  |                    |                   |                     |                                |
|   | 06/22/20 17:25 EST |                   | 1.50K               | Thunderstorm Wind (EG 50 kt)   |
|   | 06/22/20 17:25 EST |                   | 0                   | Source: Department of Highways |
| A tree was blown down on I-695 Baltimore Beltway near Cromwell Bridge Road.   |                    |                   |                     |                                |
| <p><b>A weak pressure trough/surface front ignited a cluster of strong to severe thunderstorms. The storms began over eastern West Virginia during the early afternoon, then progressed eastward through central Maryland and northern Virginia, producing scattered damaging downburst wind gusts and some hail.</b></p> |                    |                   |                     |                                |
| <hr/>   |                    |                   |                     |                                |
| <b>HOWARD COUNTY --- 1.1 WNW MC ALPINE [39.26, -76.85], 1.1 WNW MC ALPINE [39.25, -76.85], 1.1 WNW MC ALPINE [39.25, -76.85], 1.1 WNW MC ALPINE [39.26, -76.85]</b>   |                    |                   |                     |                                |
|   | 06/22/20 16:50 EST |                   | 0                   | Flood (due to Heavy Rain)      |
|   | 06/22/20 18:50 EST |                   | 0                   | Source: Trained Spotter        |
| The creek near the 9700 block of Riverside Circle was out of its banks and flowing across the road.   |                    |                   |                     |                                |
| <hr/>   |                    |                   |                     |                                |
| <b>PRINCE GEORGE'S COUNTY --- 0.2 SSW LAUREL [39.10, -76.85], 0.2 SSW LAUREL [39.10, -76.85], 0.2 SSW LAUREL [39.10, -76.85], 0.2 SSW LAUREL [39.10, -76.85]</b>  |                    |                   |                     |                                |
|   | 06/22/20 17:10 EST |                   | 0                   | Flood (due to Heavy Rain)      |
|   | 06/22/20 19:10 EST |                   | 0                   | Source: 911 Call Center        |
| The creek was out of its banks near Marshall Avenue.  |                    |                   |                     |                                |
| <hr/>   |                    |                   |                     |                                |
| <b>BALTIMORE COUNTY --- 0.8 S OELLA [39.26, -76.78], 0.6 SW OELLA [39.26, -76.79], 0.8 SW OELLA [39.26, -76.79], 0.9 S OELLA [39.26, -76.78]</b>  |                    |                   |                     |                                |
|   | 06/22/20 18:22 EST |                   | 0                   | Flood (due to Heavy Rain)      |
|   | 06/22/20 20:22 EST |                   | 0                   | Source: Department of Highways |
| MD-144 River Road was closed due to flooding near Frederick Road.   |                    |                   |                     |                                |
| <p><b>A weak boundary and unstable atmosphere led to showers and thunderstorms. Some produced heavy rain that led to flooding.</b></p>  |                    |                   |                     |                                |
| <hr/>   |                    |                   |                     |                                |
| <b>BALTIMORE CITY (C) COUNTY --- 0.5 NE WOODBERRY [39.36, -76.66]</b>   |                    |                   |                     |                                |
|   | 06/23/20 17:50 EST |                   | 3K                  | Thunderstorm Wind (EG 50 kt)   |
|   | 06/23/20 17:50 EST |                   | 0                   | Source: Department of Highways |
| A tree was blown down near the intersection of Greenspring Avenue and West Northern Parkway. A tree was blown down on Roland Avenue between Union Avenue and West 41st Street.  |                    |                   |                     |                                |
| <hr/>   |                    |                   |                     |                                |
| <b>BALTIMORE COUNTY --- 1.0 SW ROGERS FORGE [39.39, -76.61]</b>   |                    |                   |                     |                                |

## Storm Data and Unusual Weather Phenomena - June 2020

| Location  | Date/Time          | Deaths & Injuries | Property & Crop Dmg | Event Type and Details       |
|---|--------------------|-------------------|---------------------|------------------------------|
|   | 06/23/20 17:59 EST |                   | 1K                  | Thunderstorm Wind (EG 50 kt) |
|   | 06/23/20 17:59 EST |                   | 0                   | Source: Trained Spotter      |
| A tree blew down on Osler Drive in Towson.  |                    |                   |                     |                              |
| <b>A few isolated severe thunderstorms developed late in the afternoon on Tuesday, June 23rd, 2020.</b>   |                    |                   |                     |                              |
| <hr/>   |                    |                   |                     |                              |
| <b>FREDERICK COUNTY --- 0.7 ESE PARK MILLS [39.30, -77.41]</b>  |                    |                   |                     |                              |
|   | 06/25/20 16:48 EST |                   | 10K                 | Thunderstorm Wind (EG 55 kt) |
|   | 06/25/20 16:48 EST |                   | 0                   | Source: 911 Call Center      |
| Several trees and wires were blown down in the Park Mills area.   |                    |                   |                     |                              |
| <hr/>   |                    |                   |                     |                              |
| <b>MONTGOMERY COUNTY --- 0.6 E CLARKSBURG [39.23, -77.27]</b>   |                    |                   |                     |                              |
|   | 06/25/20 16:53 EST |                   | 1K                  | Thunderstorm Wind (EG 50 kt) |
|   | 06/25/20 16:53 EST |                   | 0                   | Source: Emergency Manager    |
| A tree was blown down blocking the northbound lane of MD-355 Frederick Road at Shawnee Lane.  |                    |                   |                     |                              |
| <hr/>   |                    |                   |                     |                              |
| <b>MONTGOMERY COUNTY --- 0.7 W NEELSVILLE [39.20, -77.26]</b>   |                    |                   |                     |                              |
|   | 06/25/20 17:05 EST |                   | 50K                 | Thunderstorm Wind (MG 59 kt) |
|   | 06/25/20 17:05 EST |                   | 0                   | Source: Emergency Manager    |
| A wind gust of 59 knots (68 MPH) was measured by a mesonet in Germantown. Numerous (dozens of) trees and wires were blown down in the area.   |                    |                   |                     |                              |
| <hr/>   |                    |                   |                     |                              |
| <b>MONTGOMERY COUNTY --- 1.9 WSW DAVIS ARPT [39.24, -77.18]</b>   |                    |                   |                     |                              |
|   | 06/25/20 17:08 EST |                   | 10K                 | Thunderstorm Wind (EG 55 kt) |
|   | 06/25/20 17:08 EST |                   | 0                   | Source: Emergency Manager    |
| Trees and wires were blown down blocking the intersection of Woodfield Road and Watkins Road.   |                    |                   |                     |                              |
| <hr/>   |                    |                   |                     |                              |
| <b>MONTGOMERY COUNTY --- 1.0 WNW GAITHERSBURG [39.14, -77.22]</b>   |                    |                   |                     |                              |
|   | 06/25/20 17:15 EST |                   | 50K                 | Thunderstorm Wind (MG 61 kt) |
|   | 06/25/20 17:15 EST |                   | 0                   | Source: Emergency Manager    |
| A wind gust of 61 knots (70 MPH) was measured by a mesonet in Gaithersburg. Numerous trees and wires were blown down in the area.   |                    |                   |                     |                              |
| <hr/>   |                    |                   |                     |                              |
| <b>MONTGOMERY COUNTY --- 0.8 W ROCKVILLE [39.08, -77.16]</b>  |                    |                   |                     |                              |
|   | 06/25/20 17:19 EST |                   | 25K                 | Thunderstorm Wind (EG 55 kt) |
|   | 06/25/20 17:19 EST |                   | 0                   | Source: Emergency Manager    |
| A large tree was uprooted in the 200 block of Autumn Wind Way. Wires and tree branches were blown down near the intersection of Seven Locks Road and Tuckerman Lane. There were multiple other reports of trees down in the Rockville area. |                    |                   |                     |                              |
| <hr/>   |                    |                   |                     |                              |
| <b>MONTGOMERY COUNTY --- 1.3 SE WOODHAVEN [38.99, -77.11]</b>   |                    |                   |                     |                              |
|   | 06/25/20 17:36 EST |                   | 0.25M               | Thunderstorm Wind (EG 55 kt) |
|   | 06/25/20 17:36 EST |                   | 0                   | Source: Emergency Manager    |
| Numerous trees and wires were blown down (mainly uprooted trees) in the Bethesda area. Some trees damaged homes and vehicles. It was particularly focused in the Battery Park neighborhood.   |                    |                   |                     |                              |
| <hr/>   |                    |                   |                     |                              |
| <b>MONTGOMERY COUNTY --- 1.1 SE WOODHAVEN [38.99, -77.12]</b>   |                    |                   |                     |                              |
|   | 06/25/20 17:38 EST |                   | 0                   | Hail (1.00 in)               |
|   | 06/25/20 17:38 EST |                   | 0                   | Source: Public               |
| Quarter size hail was reported in Bethesda.   |                    |                   |                     |                              |
| <hr/>   |                    |                   |                     |                              |
| <b>PRINCE GEORGE'S COUNTY --- 0.5 N UPPER MARLBORO [38.83, -76.75]</b>  |                    |                   |                     |                              |
|   | 06/25/20 18:30 EST |                   | 2K                  | Thunderstorm Wind (EG 50 kt) |
|   | 06/25/20 18:30 EST |                   | 0                   | Source: 911 Call Center      |
| Trees were blown down on Largo Road in Upper Marlboro.  |                    |                   |                     |                              |

## Storm Data and Unusual Weather Phenomena - June 2020

| Location   | Date/Time          | Deaths & Injuries | Property & Crop Dmg | Event Type and Details          |
|--|--------------------|-------------------|---------------------|---------------------------------|
| <b>CHARLES COUNTY --- 0.7 NW HILL TOP [38.49, -77.13]</b>  |                    |                   |                     |                                 |
|  | 06/25/20 19:59 EST |                   | 0                   | Hail (1.00 in)                  |
|  | 06/25/20 19:59 EST |                   | 0                   | Source: Trained Spotter         |
| Quarter size hail was reported in Ironsides.   |                    |                   |                     |                                 |
| <b>An unseasonably strong upper-level trough interacted with a modestly unstable environment over the Middle Atlantic to produce several supercell thunderstorms which transitioned into small bowing line segments across far eastern West Virginia, central Maryland and northern Virginia. The storms produce substantial and relatively widespread wind damage and some hail along their path, though the storms themselves were isolated to widely scattered in nature.</b> |                    |                   |                     |                                 |
| <b>MONTGOMERY COUNTY --- 1.4 S PARKWOOD [39.00, -77.08]</b>  |                    |                   |                     |                                 |
|  | 06/27/20 15:53 EST |                   | 25K                 | Thunderstorm Wind (EG 50 kt)    |
|  | 06/27/20 15:53 EST |                   | 0                   | Source: Emergency Manager       |
| There were multiple reports of trees and branches blown down in the Chevy Chase and Bethesda area. A tree fell on a house on Jones Bridge Road. Several trees were blown down along I-495 Capital Beltway between MD-355 Wisconsin Avenue and MD-193 University Boulevard.   |                    |                   |                     |                                 |
| <b>ANNE ARUNDEL COUNTY --- 1.2 NNE RUTLAND [38.99, -76.62]</b>   |                    |                   |                     |                                 |
|  | 06/27/20 16:16 EST |                   | 2K                  | Thunderstorm Wind (EG 50 kt)    |
|  | 06/27/20 16:16 EST |                   | 0                   | Source: 911 Call Center         |
| A tree blew down onto wires at the intersection of MD-450 Defense Highway and Rutland Road.  |                    |                   |                     |                                 |
| <b>ANNE ARUNDEL COUNTY --- 5.8 S LAUREL SUBURBAN ARP [39.00, -76.84]</b>   |                    |                   |                     |                                 |
|  | 06/27/20 16:26 EST |                   | 4K                  | Thunderstorm Wind (EG 50 kt)    |
|  | 06/27/20 16:26 EST |                   | 0                   | Source: Department of Highways  |
| Several trees were blown down in the area of MD-450 Governor Ritchie Highway and MD-468 Baltimore Annapolis Boulevard.   |                    |                   |                     |                                 |
| <b>A few isolated severe thunderstorms developed near the Washington, DC, metro area during the late afternoon hours of Saturday, June 27th, 2020.</b>   |                    |                   |                     |                                 |
| <b>MONTGOMERY COUNTY --- 0.9 SSW KEMP MILL [39.02, -77.03], 0.9 ESE CAPITOL VIEW PARK [39.01, -77.03], 0.9 ESE CAPITOL VIEW PARK [39.02, -77.03], 0.9 SSW KEMP MILL [39.02, -77.03]</b>  |                    |                   |                     |                                 |
|  | 06/27/20 16:13 EST |                   | 0                   | Flash Flood (due to Heavy Rain) |
|  | 06/27/20 17:43 EST |                   | 0                   | Source: Emergency Manager       |
| A car was stranded in high water on the outer loop of the I-495 Beltway between Colesville Road and Georgia Avenue. Lanes were blocked due to high water.  |                    |                   |                     |                                 |
| <b>MONTGOMERY COUNTY --- 1.1 N TAKOMA PARK [38.99, -77.00], 1.1 N TAKOMA PARK [38.99, -77.00], 1.1 N TAKOMA PARK [38.99, -77.00], 1.1 N TAKOMA PARK [38.99, -77.00]</b>  |                    |                   |                     |                                 |
|  | 06/27/20 16:26 EST |                   | 0                   | Flash Flood (due to Heavy Rain) |
|  | 06/27/20 17:30 EST |                   | 0                   | Source: River/Stream Gage       |
| The water level rose above flood stage of 5.5 feet, cresting at 5.65 feet at 4:35 PM EST. Water approached Sligo Creek Parkway.  |                    |                   |                     |                                 |
| <b>Showers and thunderstorms developed ahead of an upper-level disturbance. An unstable atmosphere led to heavy rainfall.</b>  |                    |                   |                     |                                 |
| <b>VIRGINIA, North</b>   |                    |                   |                     |                                 |
| <b>AUGUSTA COUNTY --- 0.6 NNW GREENVILLE [38.01, -79.15]</b>   |                    |                   |                     |                                 |
|  | 06/04/20 15:30 EST |                   | 8K                  | Thunderstorm Wind (EG 55 kt)    |
|  | 06/04/20 15:30 EST |                   | 0                   | Source: 911 Call Center         |
| Numerous trees were blown down in the Greenville area.   |                    |                   |                     |                                 |
| <b>AUGUSTA COUNTY --- 1.3 NNE GREENVILLE [38.02, -79.14]</b>   |                    |                   |                     |                                 |

## Storm Data and Unusual Weather Phenomena - June 2020

| Location  | Date/Time          | Deaths & Injuries | Property & Crop Dmg | Event Type and Details       |
|---|--------------------|-------------------|---------------------|------------------------------|
|   | 06/04/20 15:30 EST |                   | 4K                  | Thunderstorm Wind (EG 55 kt) |
|   | 06/04/20 15:30 EST |                   | 0                   | Source: 911 Call Center      |
| Multiple trees were blown down on US-11 Lee Jackson Memorial Highway.   |                    |                   |                     |                              |
| <b>NELSON COUNTY --- 0.7 NNE NELLYSFORD [37.89, -78.87]</b>   |                    |                   |                     |                              |
|   | 06/04/20 15:30 EST |                   | 10K                 | Thunderstorm Wind (EG 55 kt) |
|   | 06/04/20 15:30 EST |                   | 0                   | Source: 911 Call Center      |
| Numerous trees were blown down in Nellysford.   |                    |                   |                     |                              |
| <b>AUGUSTA COUNTY --- 1.0 ENE JOLIVUE [38.11, -79.06]</b>   |                    |                   |                     |                              |
|   | 06/04/20 15:40 EST |                   | 1K                  | Thunderstorm Wind (EG 50 kt) |
|   | 06/04/20 15:40 EST |                   | 0                   | Source: 911 Call Center      |
| A tree was blown down between the 200 and 800 block of US-11 Lee Jackson Memorial Highway.  |                    |                   |                     |                              |
| <b>ALBEMARLE COUNTY --- 3.0 WNW RIO [38.09, -78.52]</b>   |                    |                   |                     |                              |
|   | 06/04/20 16:09 EST |                   | 15K                 | Thunderstorm Wind (EG 60 kt) |
|   | 06/04/20 16:09 EST |                   | 0                   | Source: 911 Call Center      |
| Five or six oak trees were blown down at the intersection of Ivy Farm Drive and Wing Field Drive. Downed trees were also reported on Berwick Court at Old Brook Road, in the 400 block of Woodlands Road, and on Frays Mill Road. |                    |                   |                     |                              |
| <b>ALBEMARLE COUNTY --- 0.5 NW PROFFIT [38.12, -78.44]</b>  |                    |                   |                     |                              |
|   | 06/04/20 16:12 EST |                   | 11K                 | Thunderstorm Wind (EG 55 kt) |
|   | 06/04/20 16:12 EST |                   | 0                   | Source: 911 Call Center      |
| Numerous large branches, trees, and power lines were down in the 3100 block of US-29 Seminole Trail and along Timberwood Boulevard between Pavilion Circle and Timberwood Parkway.  |                    |                   |                     |                              |
| <b>PAGE COUNTY --- 0.9 ESE LURAY [38.66, -78.46]</b>  |                    |                   |                     |                              |
|   | 06/04/20 16:18 EST |                   | 4K                  | Thunderstorm Wind (EG 50 kt) |
|   | 06/04/20 16:18 EST |                   | 0                   | Source: 911 Call Center      |
| There were several reports of trees blown down in the Luray area.   |                    |                   |                     |                              |
| <b>GREENE COUNTY --- 2.7 SW RUCKERSVILLE [38.20, -78.40]</b>  |                    |                   |                     |                              |
|   | 06/04/20 16:22 EST |                   | 2.50K               | Thunderstorm Wind (EG 50 kt) |
|   | 06/04/20 16:22 EST |                   | 0                   | Source: 911 Call Center      |
| Downed trees were reported on Spring Hill Road.   |                    |                   |                     |                              |
| <b>GREENE COUNTY --- 1.0 NNE RUCKERSVILLE [38.24, -78.36]</b>   |                    |                   |                     |                              |
|   | 06/04/20 16:30 EST |                   | 2.50K               | Thunderstorm Wind (EG 50 kt) |
|   | 06/04/20 16:30 EST |                   | 0                   | Source: 911 Call Center      |
| Downed trees were reported on US-29 Seminole Trail near Carpenters Mill Road.   |                    |                   |                     |                              |
| <b>ROCKINGHAM COUNTY --- 2.3 NNW CRIDERS [38.78, -79.02]</b>  |                    |                   |                     |                              |
|   | 06/04/20 17:11 EST |                   | 1K                  | Thunderstorm Wind (EG 50 kt) |
|   | 06/04/20 17:11 EST |                   | 0                   | Source: 911 Call Center      |
| A downed tree was reported near the intersection of Bennett Run Road and Tough Street.  |                    |                   |                     |                              |
| <b>FAUQUIER COUNTY --- 2.5 SSW DELAPLANE [38.89, -77.93]</b>  |                    |                   |                     |                              |
|   | 06/04/20 17:41 EST |                   | 10K                 | Thunderstorm Wind (EG 55 kt) |
|   | 06/04/20 17:41 EST |                   | 0                   | Source: Trained Spotter      |
| Multiple trees were blown down at a residence, including one that fell onto the garage.   |                    |                   |                     |                              |
| <b>FAUQUIER COUNTY --- 0.4 SW BELVOIR [38.87, -77.82]</b>   |                    |                   |                     |                              |

## Storm Data and Unusual Weather Phenomena - June 2020

| Location | Date/Time          | Deaths & Injuries | Property & Crop Dmg | Event Type and Details       |
|----------|--------------------|-------------------|---------------------|------------------------------|
|          | 06/04/20 17:50 EST |                   | 10K                 | Thunderstorm Wind (EG 60 kt) |
|          | 06/04/20 17:50 EST |                   | 0                   | Source: 911 Call Center      |

There were a couple of reports of trees down east of Marshall. A tree was blown down in the 8300 block of MD-55 John Marshall Highway. Numerous trees and wires were blown down near Pickett Street.

### PRINCE WILLIAM COUNTY --- 0.9 NW WOOLSEY [38.88, -77.64]

|                    |    |                              |
|--------------------|----|------------------------------|
| 06/04/20 18:09 EST | 4K | Thunderstorm Wind (EG 50 kt) |
| 06/04/20 18:09 EST | 0  | Source: 911 Call Center      |

Multiple trees were blown down north of Haymarket.

### MANASSAS (C) COUNTY --- 0.8 SE MANASSAS [38.74, -77.47]

|                    |    |                              |
|--------------------|----|------------------------------|
| 06/04/20 18:19 EST | 1K | Thunderstorm Wind (EG 50 kt) |
| 06/04/20 18:19 EST | 0  | Source: 911 Call Center      |

A tree was blown down at the intersection of Wellington Road and Dumfries Road.

### FAIRFAX COUNTY --- 0.3 SW LEGATO [38.85, -77.37]

|                    |    |                              |
|--------------------|----|------------------------------|
| 06/04/20 18:29 EST | 5K | Thunderstorm Wind (EG 50 kt) |
| 06/04/20 18:29 EST | 0  | Source: 911 Call Center      |

Multiple trees and wires were blown down over south-central Fairfax County.

### FAIRFAX COUNTY --- 2.0 SE CHANTILLY [38.88, -77.41]

|                    |    |                              |
|--------------------|----|------------------------------|
| 06/04/20 18:29 EST | 5K | Thunderstorm Wind (EG 50 kt) |
| 06/04/20 18:29 EST | 0  | Source: 911 Call Center      |

Multiple trees and wires were blown down over northwestern Fairfax County.

### ARLINGTON COUNTY --- 0.1 NNW BARCROFT [38.90, -77.13]

|                    |       |                              |
|--------------------|-------|------------------------------|
| 06/04/20 18:57 EST | 1.50K | Thunderstorm Wind (EG 50 kt) |
| 06/04/20 18:57 EST | 0     | Source: 911 Call Center      |

A tree was blown down in the 8400 block of 26th Street North.

### ARLINGTON COUNTY --- 2.4 SW SOUTH WASHINGTON [38.85, -77.08]

|                    |       |                              |
|--------------------|-------|------------------------------|
| 06/04/20 19:08 EST | 1.50K | Thunderstorm Wind (EG 50 kt) |
| 06/04/20 19:08 EST | 0     | Source: 911 Call Center      |

A tree was blown down on I-395 Henry G. Shirley Memorial Highway at Exit 7A/VA-120 South Glebe Road.

### FAIRFAX COUNTY --- 0.5 S LAUREL GROVE [38.76, -77.15]

|                    |     |                              |
|--------------------|-----|------------------------------|
| 06/04/20 19:08 EST | 10K | Thunderstorm Wind (EG 55 kt) |
| 06/04/20 19:08 EST | 0   | Source: 911 Call Center      |

Multiple trees and wires were blown down over southeastern Fairfax County.

### FAIRFAX COUNTY --- 1.1 ESE FRANCONIA [38.79, -77.11]

|                    |    |                              |
|--------------------|----|------------------------------|
| 06/04/20 19:10 EST | 2K | Thunderstorm Wind (EG 50 kt) |
| 06/04/20 19:10 EST | 0  | Source: Public               |

A large tree branch fell onto a house at the intersection of Wessex Lane and Kerrybrook Drive in Rose Hill.

### LOUDOUN COUNTY --- 0.8 NNE LEESBURG MUNI [39.09, -77.54]

|                    |    |                              |
|--------------------|----|------------------------------|
| 06/04/20 21:20 EST | 2K | Thunderstorm Wind (EG 50 kt) |
| 06/04/20 21:20 EST | 0  | Source: NWS Employee         |

Branches and wires were blown down near Leesburg.

**Thunderstorms initiated along a pressure trough in the lee of the Appalachian Mountains during the mid to late afternoon, and persisted into the evening. Some thunderstorms became severe, producing scattered instances of damaging wind gusts.**



## Storm Data and Unusual Weather Phenomena - June 2020

| Location  | Date/Time          | Deaths &<br>Injuries | Property &<br>Crop Dmg | Event Type and Details         |
|---|--------------------|----------------------|------------------------|--------------------------------|
| <b>ROCKINGHAM COUNTY --- 2.1 E FULKS RUN [38.67, -78.86], 1.9 E FULKS RUN [38.67, -78.86], 2.1 E FULKS RUN [38.67, -78.86], 2.2 E FULKS RUN [38.67, -78.86]</b>   |                    |                      |                        |                                |
|   | 06/05/20 00:15 EST |                      | 0                      | Flood (due to Heavy Rain)      |
|   | 06/05/20 02:15 EST |                      | 0                      | Source: 911 Call Center        |
| Runion Creek Road was closed due to flooding along the 16000 Block. Runion Creek was out of its banks.  |                    |                      |                        |                                |
| <b>FAIRFAX COUNTY --- 0.5 ENE CROWELLS CORNER [38.95, -77.29], 0.5 ENE CROWELLS CORNER [38.95, -77.29], 0.5 ENE CROWELLS CORNER [38.95, -77.29], 0.5 ENE CROWELLS CORNER [38.95, -77.29]</b>  |                    |                      |                        |                                |
|   | 06/05/20 02:03 EST |                      | 0                      | Flood (due to Heavy Rain)      |
|   | 06/05/20 05:29 EST |                      | 0                      | Source: River/Stream Gage      |
| The water level rose above flood state of 195 feet, and crested at 195.29 feet at 4:20 AM EST.  |                    |                      |                        |                                |
| <b>An upper-level trough and a weak cold front triggered some showers and thunderstorms. With deep moisture an a weak flow aloft, slow moving storms caused heavy rainfall that led to areas of flooding and flash flooding.</b>                        |                    |                      |                        |                                |
| <b>(VA-Z027) SHENANDOAH, (VA-Z029) PAGE, (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</b> |                    |                      |                        |                                |
|   | 06/06/20 00:00 EST |                      | 0                      | Dense Fog                      |
|   | 06/06/20 07:00 EST |                      | 0                      |                                |
| <b>Light winds, clear skies, and rain on the preceding day combined to create conditions favorable for the formation of dense fog across portions of the Virginia Piedmont and Central Shenandoah Valley.</b>   |                    |                      |                        |                                |
| <b>SPOTSYLVANIA COUNTY --- 1.8 WSW LEAVELLS [38.24, -77.55]</b>   |                    |                      |                        |                                |
|   | 06/06/20 18:35 EST |                      | 0                      | Thunderstorm Wind (EG 50 kt)   |
|   | 06/06/20 18:35 EST |                      | 0                      | Source: Trained Spotter        |
| Large tree limbs were blown down at a private residence.  |                    |                      |                        |                                |
| <b>An isolated severe thunderstorm developed over Spotsylvania County during the early evening hours.</b>   |                    |                      |                        |                                |
| <b>FAIRFAX COUNTY --- 0.2 WSW LEWINSVILLE [38.93, -77.20]</b>   |                    |                      |                        |                                |
|   | 06/10/20 20:00 EST |                      | 2K                     | Thunderstorm Wind (EG 50 kt)   |
|   | 06/10/20 20:00 EST |                      | 0                      | Source: Department of Highways |
| A few trees were blown down in the Tysons/Vienna area, including on VA-123 Dolley Madison Boulevard near VA-267 Dulles Toll Road.   |                    |                      |                        |                                |
| <b>A few severe thunderstorms developed during the mid afternoon to evening hours across portions of northern Virginia.</b>   |                    |                      |                        |                                |
| <b>HIGHLAND COUNTY --- 0.5 SW BLUE GRASS [38.50, -79.56], 1.1 SW NEW HAMPDEN [38.47, -79.59], 1.6 WSW NEW HAMPDEN [38.47, -79.60], 0.9 WNW BLUE GRASS [38.50, -79.57]</b>   |                    |                      |                        |                                |
|   | 06/18/20 08:41 EST |                      | 0                      | Flood (due to Heavy Rain)      |
|   | 06/18/20 10:41 EST |                      | 0                      | Source: Emergency Manager      |
| Blue Grass Valley Road was flooded around New Hampden.  |                    |                      |                        |                                |
| <b>Slow moving low pressure and deep moisture led to a persistent band of showers and isolated thunderstorms. Locally heavy rain led to instances of flooding.</b>  |                    |                      |                        |                                |
| <b>MANASSAS (C) COUNTY --- 1.7 ESE MANASSAS [38.74, -77.45]</b>   |                    |                      |                        |                                |
|   | 06/19/20 12:35 EST |                      | 0                      | Lightning                      |
|   | 06/19/20 12:35 EST | 1                    | 0                      | Source: Emergency Manager      |
| One man was struck by lightning in a parking lot outside of a grocery store.  |                    |                      |                        |                                |
| <b>A thunderstorm passed over Manassas, Virginia shortly after 1:30 PM producing frequent lightning. A man was struck by lightning in a parking lot.</b>  |                    |                      |                        |                                |
| <b>FAIRFAX COUNTY --- 1.5 SW MERRIFIELD [38.85, -77.25], 1.1 WSW TREMONT [38.85, -77.24], 1.0 WSW TREMONT [38.84, -77.24], 1.0 W TREMONT [38.85, -77.24], 1.4 SW MERRIFIELD [38.85, -77.25]</b>   |                    |                      |                        |                                |

## Storm Data and Unusual Weather Phenomena - June 2020

| Location | Date/Time          | Deaths & Injuries | Property & Crop Dmg | Event Type and Details    |
|----------|--------------------|-------------------|---------------------|---------------------------|
|          | 06/19/20 21:19 EST |                   | 0                   | Flood (due to Heavy Rain) |
|          | 06/20/20 00:38 EST |                   | 0                   | Source: River/Stream Gage |

The water level rose above the flood state of 251.5 feet, and crested at 253.58 feet at 11:15 PM EST. Both Woodburn Road and Prosperity avenue were flooded with at least six inches of water.

**FAIRFAX COUNTY --- 0.3 SSE MERRIFIELD [38.87, -77.23], 0.3 SSE MERRIFIELD [38.87, -77.23], 0.4 SSE MERRIFIELD [38.87, -77.23], 0.3 SSE MERRIFIELD [38.87, -77.23]**

|  |                    |  |   |                           |
|--|--------------------|--|---|---------------------------|
|  | 06/20/20 12:05 EST |  | 0 | Flood (due to Heavy Rain) |
|  | 06/20/20 14:05 EST |  | 0 | Source: 911 Call Center   |

US Route 50 at Gallows Road was flooded.

**FREDERICK COUNTY --- 1.5 NW ARMEL [39.09, -78.17], 1.5 NW ARMEL [39.09, -78.17], 1.5 NW ARMEL [39.09, -78.17], 1.5 NW ARMEL [39.09, -78.17]**

|  |                    |  |   |                           |
|--|--------------------|--|---|---------------------------|
|  | 06/20/20 17:26 EST |  | 0 | Flood (due to Heavy Rain) |
|  | 06/20/20 19:26 EST |  | 0 | Source: 911 Call Center   |

Water was flowing into a house along the 100 Block of Lucy Long Court.

**A weak boundary and unstable atmosphere led to showers and thunderstorms. Some produced heavy rain that led to flooding.**

**(VA-Z027) SHENANDOAH, (VA-Z029) PAGE, (VA-Z030) WARREN, (VA-Z040) RAPPAHANNOCK, (VA-Z051) CULPEPER, (VA-Z052) PRINCE WILLIAM, (VA-Z055) STAFFORD, (VA-Z501) NORTHERN FAUQUIER, (VA-Z502) SOUTHERN FAUQUIER**

|  |                    |  |   |           |
|--|--------------------|--|---|-----------|
|  | 06/20/20 00:00 EST |  | 0 | Dense Fog |
|  | 06/20/20 07:00 EST |  | 0 |           |

Clearing skies, light winds and wet soil conditions from rain the previous day combined to make conditions favorable for the formation of dense fog across portions of the Virginia Piedmont and Shenandoah Valley.

**(VA-Z028) FREDERICK, (VA-Z029) PAGE, (VA-Z030) WARREN, (VA-Z040) RAPPAHANNOCK, (VA-Z051) CULPEPER, (VA-Z055) STAFFORD, (VA-Z501) NORTHERN FAUQUIER, (VA-Z502) SOUTHERN FAUQUIER**

|  |                    |  |   |           |
|--|--------------------|--|---|-----------|
|  | 06/21/20 01:00 EST |  | 0 | Dense Fog |
|  | 06/21/20 08:00 EST |  | 0 |           |

Light winds, high humidity and rainfall during preceding days led to the formation of dense fog across portions of the Virginia Piedmont and Shenandoah Valley.

**SPOTSYLVANIA COUNTY --- 0.4 ENE MARYE [38.08, -77.57]**

|  |                    |  |    |                              |
|--|--------------------|--|----|------------------------------|
|  | 06/22/20 13:56 EST |  | 3K | Thunderstorm Wind (EG 50 kt) |
|  | 06/22/20 13:56 EST |  | 0  | Source: 911 Call Center      |

Downed trees were reported on Marye Road near Stanfield Road.

**FAIRFAX COUNTY --- 1.5 SSW SUNSET HILLS [38.93, -77.36]**

|  |                    |  |    |                                |
|--|--------------------|--|----|--------------------------------|
|  | 06/22/20 14:40 EST |  | 1K | Thunderstorm Wind (EG 50 kt)   |
|  | 06/22/20 14:40 EST |  | 0  | Source: Department of Highways |

A tree blew down onto Steeplechase Drive.

**KING GEORGE COUNTY --- 0.7 WNW HOP YARD LNDG [38.25, -77.23]**

|  |                    |  |    |                              |
|--|--------------------|--|----|------------------------------|
|  | 06/22/20 14:40 EST |  | 3K | Thunderstorm Wind (EG 50 kt) |
|  | 06/22/20 14:40 EST |  | 0  | Source: 911 Call Center      |

A downed tree was reported near the intersection of Fort Conway Road and Emerald Drive. A downed tree was reported near the intersection of Kings Highway and Bloomsbury Road.

**LOUDOUN COUNTY --- 1.9 WSW BROAD RUN FARMS [39.02, -77.40]**

|  |                    |  |     |                              |
|--|--------------------|--|-----|------------------------------|
|  | 06/22/20 14:48 EST |  | 10K | Thunderstorm Wind (EG 55 kt) |
|  | 06/22/20 14:48 EST |  | 0   | Source: Broadcast Media      |

Multiple trees were blown down in the Sterling area, including one onto a car.

**KING GEORGE COUNTY --- 1.2 N IGO [38.30, -77.27]**

## Storm Data and Unusual Weather Phenomena - June 2020

| Location | Date/Time          | Deaths & Injuries | Property & Crop Dmg | Event Type and Details       |
|----------|--------------------|-------------------|---------------------|------------------------------|
|          | 06/22/20 14:52 EST |                   | 3K                  | Thunderstorm Wind (EG 50 kt) |
|          | 06/22/20 14:52 EST |                   | 0                   | Source: 911 Call Center      |

A downed tree was reported near the intersection of Lambs Creek Church Road and Red Gate Lane. A downed tree was reported near the intersection of Dahlgren Road and Indiantown Road.

| <b>FAUQUIER COUNTY --- 2.5 W OAK SHADE [38.58, -77.83]</b> |                    |  |     |                              |
|--|--------------------|--|-----|------------------------------|
|  | 06/22/20 16:07 EST |  | 20K | Thunderstorm Wind (EG 60 kt) |
|  | 06/22/20 16:07 EST |  | 0   | Source: Public               |

A roof was blown off a barn and numerous trees and fencing were blown down.

| <b>CULPEPER COUNTY --- 0.8 SSE CULPEPER ARPT [38.51, -77.87]</b> |                    |  |    |                              |
|--|--------------------|--|----|------------------------------|
|  | 06/22/20 16:20 EST |  | 8K | Thunderstorm Wind (EG 55 kt) |
|  | 06/22/20 16:20 EST |  | 0  | Source: 911 Call Center      |

About half a dozen trees were blown down on Beverly Ford Road near Saint James Church Road.

| <b>FAUQUIER COUNTY --- 0.9 ENE MIDLAND [38.60, -77.70]</b> |                    |  |    |                              |
|--|--------------------|--|----|------------------------------|
|  | 06/22/20 16:25 EST |  | 3K | Thunderstorm Wind (EG 50 kt) |
|  | 06/22/20 16:25 EST |  | 0  | Source: 911 Call Center      |

Several trees were blown down across central Fauquier County.

| <b>CLARKE COUNTY --- 0.6 W BERRYVILLE [39.15, -77.98]</b> |                    |  |     |                              |
|---|--------------------|--|-----|------------------------------|
|   | 06/22/20 16:30 EST |  | 15K | Thunderstorm Wind (EG 60 kt) |
|   | 06/22/20 16:30 EST |  | 0   | Source: 911 Call Center      |

Numerous trees were blown down between Boyce and Berryville.

| <b>ORANGE COUNTY --- 0.9 NE NASONS [38.28, -78.02]</b> |                    |  |    |                              |
|--|--------------------|--|----|------------------------------|
|  | 06/22/20 16:40 EST |  | 5K | Thunderstorm Wind (EG 50 kt) |
|  | 06/22/20 16:40 EST |  | 0  | Source: Public               |

Several trees were blown down just north of Orange.

| <b>PRINCE WILLIAM COUNTY --- 1.9 ESE CATHARPIN [38.84, -77.54]</b> |                    |  |     |                              |
|--|--------------------|--|-----|------------------------------|
|  | 06/22/20 17:00 EST |  | 20K | Thunderstorm Wind (EG 60 kt) |
|  | 06/22/20 17:00 EST |  | 0   | Source: 911 Call Center      |

Numerous large trees were blown down near Sudley Springs and Catharpin.

**A weak pressure trough/surface front ignited a cluster of strong to severe thunderstorms. The storms began over eastern West Virginia during the early afternoon, then progressed eastward through central Maryland and northern Virginia producing scattered damaging downburst wind gusts.**

| <b>(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-Z501) NORTHERN FAUQUIER, (VA-Z502) SOUTHERN FAUQUIER, (VA-Z505) WESTERN LOUDOUN, (VA-Z506) EASTERN LOUDOUN, (VA-Z507) NORTHERN VIRGINIA BLUE RIDGE</b> |                    |  |   |           |
|--|--------------------|--|---|-----------|
|  | 06/23/20 04:08 EST |  | 0 | Dense Fog |
|  | 06/23/20 08:00 EST |  | 0 |           |

Light winds and ample moisture at low levels thanks to storms the previous day resulted in the formation of dense fog across much of the central Virginia Piedmont, Shenandoah Valley and portions of northern Virginia.

| <b>FREDERICK COUNTY --- 30.3 ENE BRUCETOWN [39.35, -77.52]</b> |                    |  |   |                |
|--|--------------------|--|---|----------------|
|  | 06/25/20 16:09 EST |  | 0 | Hail (1.00 in) |
|  | 06/25/20 16:09 EST |  | 0 | Source: Public |

Quarter size hail was reported near Jefferson.

| <b>LOUDOUN COUNTY --- 0.6 SW NEERSVILLE [39.26, -77.73]</b> |  |  |  |  |
|---|--|--|--|--|
|---|--|--|--|--|

## Storm Data and Unusual Weather Phenomena - June 2020

| Location  | Date/Time          | Deaths & Injuries | Property & Crop Dmg | Event Type and Details         |
|---|--------------------|-------------------|---------------------|--------------------------------|
|   | 06/25/20 16:20 EST |                   | 5K                  | Thunderstorm Wind (EG 50 kt)   |
|   | 06/25/20 16:20 EST |                   | 0                   | Source: 911 Call Center        |
| Several trees were blown down along Harpers Ferry Road and White Rock Road near Neersville. A tree was blown down on VA-7 Harry Byrd Highway near VA-287 Berlin Turnpike. |                    |                   |                     |                                |
| <b>LOUDOUN COUNTY --- 0.9 WNW LEESBURG [39.12, -77.57]</b>  |                    |                   |                     |                                |
|   | 06/25/20 16:37 EST |                   | 10K                 | Thunderstorm Wind (EG 50 kt)   |
|   | 06/25/20 16:37 EST |                   | 0                   | Source: Emergency Manager      |
| A small part of the roof of the Ida Lee Park Recreation Center was peeled off. Tree damage was also reported in the area.   |                    |                   |                     |                                |
| <b>FAIRFAX COUNTY --- 0.8 SE LANGLEY [38.94, -77.16]</b>  |                    |                   |                     |                                |
|   | 06/25/20 17:45 EST |                   | 1K                  | Thunderstorm Wind (EG 50 kt)   |
|   | 06/25/20 17:45 EST |                   | 0                   | Source: Department of Highways |
| A tree and branches were blown down in the vicinity of VA-123 Dolley Madison Boulevard near Ballantrae Lane.  |                    |                   |                     |                                |
| <b>ORANGE COUNTY --- 0.3 SE ORANGE CO ARPT [38.25, -78.05]</b>  |                    |                   |                     |                                |
|   | 06/25/20 17:46 EST |                   | 10K                 | Thunderstorm Wind (MG 51 kt)   |
|   | 06/25/20 17:46 EST |                   | 0                   | Source: AWOS                   |
| A wind gust of 51 knots (59 MPH) was measured by the AWOS at Orange County Airport. There were multiple reports of trees down between Orange and Unionville.              |                    |                   |                     |                                |
| <b>ORANGE COUNTY --- 1.5 NNW LAHORE [38.22, -77.98]</b>   |                    |                   |                     |                                |
|   | 06/25/20 17:56 EST |                   | 6K                  | Thunderstorm Wind (EG 50 kt)   |
|   | 06/25/20 17:56 EST |                   | 0                   | Source: 911 Call Center        |
| There were multiple reports of trees blown down near Kendall and Lahore Roads.  |                    |                   |                     |                                |
| <b>ORANGE COUNTY --- 1.1 WNW THORNHILL [38.16, -78.00]</b>  |                    |                   |                     |                                |
|   | 06/25/20 18:05 EST |                   | 6K                  | Thunderstorm Wind (EG 50 kt)   |
|   | 06/25/20 18:05 EST |                   | 0                   | Source: 911 Call Center        |
| Multiple trees were blown down near Monrovia and Marquis Roads.   |                    |                   |                     |                                |
| <b>SPOTSYLVANIA COUNTY --- 2.6 ENE BELMONT [38.16, -77.82]</b>  |                    |                   |                     |                                |
|   | 06/25/20 18:17 EST |                   | 10K                 | Thunderstorm Wind (EG 55 kt)   |
|   | 06/25/20 18:17 EST |                   | 0                   | Source: 911 Call Center        |
| Multiple trees were reported down in the western part of Spotsylvania County, including near Dickerson, Lawyers and Hibbs Bridge.   |                    |                   |                     |                                |
| <b>FAUQUIER COUNTY --- 0.9 W WARRENTON [38.72, -77.80]</b>  |                    |                   |                     |                                |
|   | 06/25/20 18:34 EST |                   | 20K                 | Thunderstorm Wind (EG 60 kt)   |
|   | 06/25/20 18:34 EST |                   | 0                   | Source: 911 Call Center        |
| Numerous trees were blown down in Warrenton.  |                    |                   |                     |                                |
| <b>FAUQUIER COUNTY --- 0.9 W WARRENTON [38.72, -77.80]</b>  |                    |                   |                     |                                |
|   | 06/25/20 18:37 EST |                   | 5K                  | Thunderstorm Wind (EG 50 kt)   |
|   | 06/25/20 18:37 EST |                   | 0                   | Source: 911 Call Center        |
| Several trees were blown down near and just east of Warrenton.  |                    |                   |                     |                                |
| <b>SPOTSYLVANIA COUNTY --- 0.8 NW PARTLOW [38.04, -77.64]</b>   |                    |                   |                     |                                |
|   | 06/25/20 18:43 EST |                   | 20K                 | Thunderstorm Wind (EG 60 kt)   |
|   | 06/25/20 18:43 EST |                   | 0                   | Source: 911 Call Center        |
| Numerous trees were blown down in the Partlow area (near Lucks, Partlow, Fairview and Wallers). Some (thin) pine trees were snapped.                                      |                    |                   |                     |                                |
| <b>SPOTSYLVANIA COUNTY --- 2.8 WNW PARTLOW [38.04, -77.68]</b>  |                    |                   |                     |                                |

## Storm Data and Unusual Weather Phenomena - June 2020

| Location   | Date/Time          | Deaths & Injuries | Property & Crop Dmg | Event Type and Details       |
|--|--------------------|-------------------|---------------------|------------------------------|
|  | 06/25/20 18:43 EST |                   | 0                   | Hail (1.50 in)               |
|  | 06/25/20 18:43 EST |                   | 0                   | Source: Public               |
| Ping pong ball size hail was reported in Partlow.  |                    |                   |                     |                              |
| <hr/>  |                    |                   |                     |                              |
| <b>PRINCE WILLIAM COUNTY --- (NYG)MCAS QUANTICO [38.50, -77.30]</b>  |                    |                   |                     |                              |
|  | 06/25/20 19:39 EST |                   | 10K                 | Thunderstorm Wind (MG 55 kt) |
|  | 06/25/20 19:39 EST |                   | 0                   | Source: ASOS                 |
| A 55-knot (63 MPH) wind gust was measured by the military ASOS at Quantico. Trees were blown down on US-1 Jefferson Davis Highway adjacent to the base.  |                    |                   |                     |                              |
| <b>An unseasonably strong upper-level trough interacted with a modestly unstable environment over the Middle Atlantic to produce several supercell thunderstorms which transitioned into small bowing line segments across far eastern West Virginia, central Maryland and northern Virginia. The storms produce substantial and relatively widespread wind damage and some hail along their path, though the storms themselves were isolated to widely scattered in nature.</b> |                    |                   |                     |                              |
| <hr/>  |                    |                   |                     |                              |
| <b>FAIRFAX COUNTY --- 1.4 E FLORIS [38.92, -77.39]</b>   |                    |                   |                     |                              |
|  | 06/27/20 15:45 EST |                   | 5K                  | Thunderstorm Wind (EG 50 kt) |
|  | 06/27/20 15:45 EST |                   | 0                   | Source: Broadcast Media      |
| Multiple trees blew down between Herndon and Chantilly (near Oak Grove), including a large tree that fell along Gibson Oaks Drive.   |                    |                   |                     |                              |
| <b>A few isolated severe thunderstorms developed near the Washington, DC, metro area during the late afternoon hours of Saturday, June 27th, 2020.</b>   |                    |                   |                     |                              |
| <hr/>  |                    |                   |                     |                              |
| <b>WEST VIRGINIA, East</b>   |                    |                   |                     |                              |
| <hr/>  |                    |                   |                     |                              |
| <b>HARDY COUNTY --- 2.3 E FLATS [39.17, -78.94]</b>  |                    |                   |                     |                              |
|  | 06/04/20 15:27 EST |                   | 1K                  | Thunderstorm Wind (EG 50 kt) |
|  | 06/04/20 15:27 EST |                   | 0                   | Source: Trained Spotter      |
| The top of a large tree was blown down along US-220/WV-28 Purgitsville Pike.   |                    |                   |                     |                              |
| <hr/>  |                    |                   |                     |                              |
| <b>MINERAL COUNTY --- 2.9 SW RUSSELDALE [39.25, -78.97]</b>  |                    |                   |                     |                              |
|  | 06/04/20 15:27 EST |                   | 1K                  | Thunderstorm Wind (EG 50 kt) |
|  | 06/04/20 15:27 EST |                   | 0                   | Source: 911 Call Center      |
| A tree was blown down at the intersection of Rada Road and Patterson Creek Road.   |                    |                   |                     |                              |
| <hr/>  |                    |                   |                     |                              |
| <b>HAMPSHIRE COUNTY --- 0.7 NW RADA [39.28, -78.93]</b>  |                    |                   |                     |                              |
|  | 06/04/20 15:30 EST |                   | 3K                  | Thunderstorm Wind (EG 50 kt) |
|  | 06/04/20 15:30 EST |                   | 0                   | Source: 911 Call Center      |
| Trees were blown down on Russel Dale Road near Rada Road and on Tony Cook Road near Beaver Run Road.   |                    |                   |                     |                              |
| <hr/>  |                    |                   |                     |                              |
| <b>HAMPSHIRE COUNTY --- 1.9 SSE JUNCTION [39.30, -78.86]</b>   |                    |                   |                     |                              |
|  | 06/04/20 15:42 EST |                   | 7K                  | Thunderstorm Wind (EG 60 kt) |
|  | 06/04/20 15:42 EST |                   | 0                   | Source: 911 Call Center      |
| Numerous trees were blown down in the Trinity Road vicinity south of Junction.   |                    |                   |                     |                              |
| <hr/>  |                    |                   |                     |                              |
| <b>HAMPSHIRE COUNTY --- 0.4 NW WEST ROMNEY [39.33, -78.78]</b>   |                    |                   |                     |                              |
|  | 06/04/20 15:45 EST |                   | 7K                  | Thunderstorm Wind (EG 60 kt) |
|  | 06/04/20 15:45 EST |                   | 0                   | Source: 911 Call Center      |
| Numerous trees were blown down along South Branch River Road in Romney.  |                    |                   |                     |                              |
| <hr/>  |                    |                   |                     |                              |
| <b>MORGAN COUNTY --- 0.2 NW LARGENT [39.48, -78.38]</b>  |                    |                   |                     |                              |
|  | 06/04/20 16:08 EST |                   | 2K                  | Thunderstorm Wind (EG 50 kt) |
|  | 06/04/20 16:08 EST |                   | 0                   | Source: 911 Call Center      |

## Storm Data and Unusual Weather Phenomena - June 2020

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

A tree was blown down in the 17000 block of Cacapon Road; a tree was blown down in the 1800 block of Constant Run Road.

**MORGAN COUNTY --- BERKELEY SPGS [39.63, -78.23]**

|  |                    |  |    |                              |
|--|--------------------|--|----|------------------------------|
|  | 06/04/20 16:22 EST |  | 5K | Thunderstorm Wind (EG 50 kt) |
|  | 06/04/20 16:22 EST |  | 0  | Source: 911 Call Center      |

Multiple reports of trees blown down across Morgan County.

**BERKELEY COUNTY --- 3.7 W JOHNSTOWN [39.57, -78.10]**

|  |                    |  |     |                              |
|--|--------------------|--|-----|------------------------------|
|  | 06/04/20 16:41 EST |  | 20K | Thunderstorm Wind (EG 50 kt) |
|  | 06/04/20 16:41 EST |  | 0   | Source: 911 Call Center      |

Two trees were blown down onto houses on Onondaga Trail and Tuckahoe Trail.

**Thunderstorms initiated along a pressure trough in the lee of the Appalachian Mountains during the mid to late afternoon, and persisted into the evening. Some thunderstorms became severe, producing scattered instances of damaging wind gusts.**

**JEFFERSON COUNTY --- 2.1 SSE ALDRIDGE [39.29, -77.91]**

|  |                    |  |    |                              |
|--|--------------------|--|----|------------------------------|
|  | 06/05/20 13:20 EST |  | 5K | Thunderstorm Wind (EG 50 kt) |
|  | 06/05/20 13:20 EST |  | 0  | Source: 911 Call Center      |

A tree blew down into a structure in the 100 block of Sheridan Drive. A video from a spotter nearby showed a swing set blowing over.

**An isolated severe thunderstorm developed over the eastern panhandle of West Virginia during the early afternoon hours.**

**MORGAN COUNTY --- 2.2 WNW SMITH XRDS [39.58, -78.27]**

|  |                    |  |       |                              |
|--|--------------------|--|-------|------------------------------|
|  | 06/10/20 14:32 EST |  | 2.50K | Thunderstorm Wind (EG 50 kt) |
|  | 06/10/20 14:32 EST |  | 0     | Source: 911 Call Center      |

Two trees were blown down near the intersection of Cold Run Valley Road and Cool Spring Cabin Lane.

**A few severe thunderstorms developed during the mid afternoon to evening hours across far eastern West Virginia.**

**PENDLETON COUNTY --- 0.8 SSW FRANKLIN [38.64, -79.33], 1.0 SSW FRANKLIN [38.64, -79.34], 0.9 SSW FRANKLIN [38.64, -79.34], 0.8 SSW FRANKLIN [38.64, -79.33]**

|  |                    |  |   |                           |
|--|--------------------|--|---|---------------------------|
|  | 06/18/20 08:59 EST |  | 0 | Flood (due to Heavy Rain) |
|  | 06/18/20 14:26 EST |  | 0 | Source: River/Stream Gage |

The water level rose above flood stage of 7 feet, and crested at 8.89 feet at 11:20 AM EST. A low spot on Dickenson Road was flooded as well as portions of the Franklin City Park.

**Slow moving low pressure and deep moisture led to a persistent band of showers and isolated thunderstorms. Locally heavy rain led to instances of flooding.**

**HAMPSHIRE COUNTY --- 0.8 NE MILLESON [39.48, -78.67]**

|  |                    |  |    |                              |
|--|--------------------|--|----|------------------------------|
|  | 06/22/20 12:30 EST |  | 1K | Thunderstorm Wind (EG 50 kt) |
|  | 06/22/20 12:30 EST |  | 0  | Source: Emergency Manager    |

A tree was blown down in the 3000 block of Greenspring Valley Road.

**HAMPSHIRE COUNTY --- 1.6 WSW OKONOKO [39.51, -78.55]**

|  |                    |  |     |                              |
|--|--------------------|--|-----|------------------------------|
|  | 06/22/20 12:53 EST |  | 15K | Thunderstorm Wind (EG 60 kt) |
|  | 06/22/20 12:53 EST |  | 0   | Source: 911 Call Center      |

About a dozen trees were blown down on Green Spring Valley Road near Green Spring and near Levels.

**MORGAN COUNTY --- 0.5 SSW BERKELEY SPGS [39.62, -78.23]**

|  |                    |  |    |                              |
|--|--------------------|--|----|------------------------------|
|  | 06/22/20 14:40 EST |  | 3K | Thunderstorm Wind (EG 50 kt) |
|  | 06/22/20 14:40 EST |  | 0  | Source: 911 Call Center      |

Trees down in the area of Cacapon Road and Sir John's Road.

**A weak pressure trough/surface front ignited a cluster of strong to severe thunderstorms. The storms moved over eastern West Virginia during the early afternoon hours, producing scattered damaging downburst wind gusts.**

## Storm Data and Unusual Weather Phenomena - June 2020

| Location   | Date/Time          | Deaths & Injuries | Property & Crop Dmg | Event Type and Details       |
|--|--------------------|-------------------|---------------------|------------------------------|
| <b>(WV-Z050) HAMPSHIRE, (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</b>   |                    |                   |                     |                              |
|  | 06/23/20 04:08 EST |                   | 0                   | Dense Fog                    |
|  | 06/23/20 08:00 EST |                   | 0                   |                              |
| Light winds and ample moisture at low levels thanks to storms the previous day resulted in the formation of dense fog across much of the panhandle of West Virginia.   |                    |                   |                     |                              |
| <b>HAMPSHIRE COUNTY --- 1.9 NNW BUBBLING SPG [39.28, -78.48]</b>   |                    |                   |                     |                              |
|  | 06/23/20 15:37 EST |                   | 3K                  | Thunderstorm Wind (EG 50 kt) |
|  | 06/23/20 15:37 EST |                   | 0                   | Source: 911 Call Center      |
| Tree limbs were blown down at a private residence near Capon Bridge. A tree was blown down in the 10000 block of US-50 Northwestern Turnpike in Hanging Rock.  |                    |                   |                     |                              |
| <b>BERKELEY COUNTY --- 0.3 N INWOOD [39.35, -78.05]</b>  |                    |                   |                     |                              |
|  | 06/23/20 16:46 EST |                   | 0                   | Hail (1.00 in)               |
|  | 06/23/20 16:46 EST |                   | 0                   | Source: Trained Spotter      |
| Quarter size hail was reported in Inwood.  |                    |                   |                     |                              |
| <b>BERKELEY COUNTY --- 1.4 SE DARKESVILLE [39.35, -78.01]</b>  |                    |                   |                     |                              |
|  | 06/23/20 16:50 EST |                   | 3K                  | Thunderstorm Wind (EG 50 kt) |
|  | 06/23/20 16:50 EST |                   | 0                   | Source: 911 Call Center      |
| Tree damage was reported near Inwood, including a tree blown down onto power lines near the intersection of Chopwood Drive and Sulphur Springs Road.   |                    |                   |                     |                              |
| <b>A few isolated severe thunderstorms developed late in the afternoon on Tuesday, June 23rd, 2020.</b>  |                    |                   |                     |                              |
| <b>BERKELEY COUNTY --- 1.7 N MARTINSBURG [39.47, -77.98]</b>   |                    |                   |                     |                              |
|  | 06/25/20 14:51 EST |                   | 5K                  | Thunderstorm Wind (EG 50 kt) |
|  | 06/25/20 14:51 EST |                   | 0                   | Source: 911 Call Center      |
| Several trees were blown down between Martinsburg and Hedgesville.   |                    |                   |                     |                              |
| <b>JEFFERSON COUNTY --- 2.5 N SHEPHERDSTOWN [39.47, -77.81]</b>  |                    |                   |                     |                              |
|  | 06/25/20 15:12 EST |                   | 1K                  | Thunderstorm Wind (EG 50 kt) |
|  | 06/25/20 15:12 EST |                   | 0                   | Source: Trained Spotter      |
| Large tree limbs were snapped near Shepherdstown.  |                    |                   |                     |                              |
| <b>An unseasonably strong upper-level trough interacted with a modestly unstable environment over the Middle Atlantic to produce several supercell thunderstorms which transitioned into small bowing line segments across far eastern West Virginia, central Maryland and northern Virginia. The storms produce substantial and relatively widespread wind damage and some hail along their path, though the storms themselves were isolated to widely scattered in nature.</b> |                    |                   |                     |                              |