

Storm Data and Unusual Weather Phenomena - July 2010

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|---|--------------------|----------------------|------------------------|-------------------------------------|
| ATLANTIC NORTH | | | | |
| CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- 0.8 N US NAVAL ACADEMY [38.99, -76.49] | | | | |
| | 07/10/10 11:40 EST | 0 | | Marine Thunderstorm Wind (MG 42 kt) |
| | 07/10/10 11:40 EST | 0 | | Source: ASOS |
| A wind gust of 42 knots was reported at Annapolis. | | | | |
| A cold front triggered showers and thunderstorms over Chesapeake Bay. There was enough instability for an isolated thunderstorm to produce gusty winds. | | | | |
| PATAPSCO RIVER INCLUDING BALTIMORE HARBOR COUNTY --- 4.3 NNW RIVIERA BEACH [39.22, -76.53] | | | | |
| | 07/12/10 14:54 EST | 0 | | Marine Thunderstorm Wind (EG 34 kt) |
| | 07/12/10 14:54 EST | 0 | | Source: Buoy |
| A wind gust in excess of 30 knots was recorded at the Francis Scott Key Bridge. | | | | |
| CHESAPEAKE BAY POOLES IS TO SANDY PT MD COUNTY --- 0.1 NNW PATAPSCO BUOY [39.15, -76.39] | | | | |
| | 07/12/10 15:10 EST | 0 | | Marine Thunderstorm Wind (EG 34 kt) |
| | 07/12/10 15:10 EST | 0 | | Source: Buoy |
| A wind gust in excess of 30 knots was reported at the Patapsco Buoy. | | | | |
| CHESTER RIVER TO QUEENSTOWN MD COUNTY --- TOLCHESTER BEACH [39.12, -76.25] | | | | |
| | 07/12/10 15:24 EST | 0 | | Marine Thunderstorm Wind (EG 34 kt) |
| | 07/12/10 15:24 EST | 0 | | Source: Buoy |
| A wind gust in excess of 30 knots was reported at Tolchester Beach. | | | | |
| TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- 0.4 NE QUANTICO [38.50, -77.31] | | | | |
| | 07/12/10 15:34 EST | 0 | | Marine Thunderstorm Wind (MG 46 kt) |
| | 07/12/10 15:34 EST | 0 | | Source: ASOS |
| A wind gust of 46 knots was reported at Quantico. | | | | |
| A pressure trough remained over the Tidal Potomac River and Chesapeake Bay while an upper-level disturbance passed through in a zonal flow aloft. The forcing from these two systems were responsible for the development of showers and thunderstorms. Due to moderate amounts of instability, some thunderstorms produced gusty winds. | | | | |
| TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- 0.7 E (DCA)REAGAN NATIONAL AIRPORT [38.85, -77.03] | | | | |
| | 07/13/10 18:52 EST | 0 | | Marine Thunderstorm Wind (MG 36 kt) |
| | 07/13/10 18:58 EST | 0 | | Source: ASOS |
| Wind gusts up to 36 knots were reported at the Reagan National Airport. | | | | |
| CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- 0.2 SE GREENBERRY POINT [38.97, -76.46] | | | | |
| | 07/13/10 19:59 EST | 0 | | Marine Thunderstorm Wind (EG 34 kt) |
| | 07/13/10 19:59 EST | 0 | | Source: Mesonet |
| Wind gusts in excess of 30 knots were reported at Greenbury Point. | | | | |
| CHESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY --- COVE POINT [38.43, -76.39] | | | | |
| | 07/13/10 20:06 EST | 0 | | Marine Thunderstorm Wind (MG 41 kt) |
| | 07/13/10 20:12 EST | 0 | | Source: Buoy |
| Wind gusts up to 41 knots were reported at Cove Point. | | | | |
| PATUXENT RIVER TO BROOMES ISLAND MD COUNTY --- 0.8 SSW PATUXENT RIVER ASOS [38.28, -76.41] | | | | |
| | 07/13/10 20:09 EST | 0 | | Marine Thunderstorm Wind (EG 34 kt) |
| | 07/13/10 20:09 EST | 0 | | Source: ASOS |
| A wind gust in excess of 30 knots was reported at Patuxent River. | | | | |

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

A return flow around high pressure over the western Atlantic was responsible for hot and humid conditions. An upper-level disturbance combined with the hot and humid conditions to trigger showers and thunderstorms over the Tidal Potomac River and Chesapeake Bay. An isolated thunderstorm produced gusty winds.

TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- 0.2 W POTOMAC LIGHT [38.34, -76.99]

| | | |
|--------------------|---|-------------------------------------|
| 07/14/10 00:20 EST | 0 | Marine Thunderstorm Wind (EG 34 kt) |
| 07/14/10 00:20 EST | 0 | Source: Mesonet |

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

CHESAPEAKE BAY DRUM PT TO SMITH PT VA COUNTY --- 0.2 WNW POINT LOOKOUT [38.04, -76.32]

| | | |
|--------------------|---|-------------------------------------|
| 07/14/10 01:15 EST | 0 | Marine Thunderstorm Wind (EG 34 kt) |
| 07/14/10 01:15 EST | 0 | Source: Mesonet |

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

TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY --- 0.1 NE BISHOPS HEAD [38.22, -76.04]

| | | |
|--------------------|---|-------------------------------------|
| 07/14/10 01:36 EST | 0 | Marine Thunderstorm Wind (EG 34 kt) |
| 07/14/10 01:36 EST | 0 | Source: Mesonet |

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

TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY --- 0.1 NE BISHOPS HEAD [38.22, -76.04]

| | | |
|--------------------|---|-------------------------------------|
| 07/14/10 01:37 EST | 0 | Marine Thunderstorm Wind (MG 36 kt) |
| 07/14/10 01:37 EST | 0 | Source: Mesonet |

A wind gust of 36 knots was reported at Bishops Head.

A trough of low pressure slowly passed through the waters on the 14th. Showers and thunderstorms were associated with the trough, and there was enough instability for some thunderstorms to produce gusty winds.

PATUXENT RIVER TO BROOMES ISLAND MD COUNTY --- 0.8 SSW PATUXENT RIVER ASOS [38.28, -76.41]

| | | |
|--------------------|---|-------------------------------------|
| 07/16/10 17:52 EST | 0 | Marine Thunderstorm Wind (EG 40 kt) |
| 07/16/10 17:53 EST | 0 | Source: ASOS |

Wind gusts up to 40 knots were reported near Patuxent River.

CHESAPEAKE BAY DRUM PT TO SMITH PT VA COUNTY --- 2.0 NE PATUXENT RIVER ASOS [38.31, -76.38]

| | | |
|--------------------|---|-------------------------------------|
| 07/16/10 17:54 EST | 0 | Marine Thunderstorm Wind (EG 40 kt) |
| 07/16/10 17:54 EST | 0 | Source: Unknown |

A wind gust of 40 knots was estimated near Patuxent River.

High pressure over the western Atlantic pumped in plenty of warm and humid air over the waters on the 16th. A weak upper-level disturbance in the zonal flow aloft triggered showers and thunderstorms. A couple thunderstorms produced gusty winds.

CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- 0.2 SE GREENBERRY POINT [38.97, -76.46]

| | | |
|--------------------|---|-------------------------------------|
| 07/17/10 00:04 EST | 0 | Marine Thunderstorm Wind (MG 40 kt) |
| 07/17/10 00:10 EST | 0 | Source: Mesonet |

Wind gusts up to 40 knots were reported at Greenbury Point.

CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- 0.4 SE TOLLY POINT [38.94, -76.44]

| | | |
|--------------------|---|-------------------------------------|
| 07/17/10 00:14 EST | 0 | Marine Thunderstorm Wind (EG 34 kt) |
| 07/17/10 00:14 EST | 0 | Source: Mesonet |

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

High pressure over the western Atlantic continued to usher in hot and humid air due to a southwest flow. An upper-level disturbance in the zonal flow triggered showers and thunderstorms across portions of the Tidal Potomac River and Chesapeake Bay. Moderate amounts of instability due to the hot and humid air mass caused some thunderstorms to produce gusty winds.

TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY --- 0.4 SSW SMITH ISLAND [37.98, -76.04]

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|----------|--------------------|-------------------|---------------------|-------------------------------------|
| | 07/18/10 21:06 EST | | 0 | Marine Thunderstorm Wind (MG 34 kt) |
| | 07/18/10 21:06 EST | | 0 | Source: Mesonet |

A wind gust of 34 knots was reported at Smith Island.

TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY --- 2.0 W SMITH ISLAND [37.98, -76.08]

| | | | | |
|--|--------------------|--|---|-------------------------------------|
| | 07/18/10 21:06 EST | | 0 | Marine Thunderstorm Wind (EG 34 kt) |
| | 07/18/10 21:06 EST | | 0 | Source: Mesonet |

A wind gust of 34 knots was estimated about two miles west of Smith Island.

TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY --- 0.1 NE BISHOPS HEAD [38.22, -76.04]

| | | | | |
|--|--------------------|--|---|-------------------------------------|
| | 07/18/10 21:36 EST | | 0 | Marine Thunderstorm Wind (MG 35 kt) |
| | 07/18/10 22:24 EST | | 0 | Source: Mesonet |

Wind gusts up to 35 knots were reported at Bishops Head.

TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY --- 0.5 E BISHOPS HEAD [38.22, -76.03]

| | | | | |
|--|--------------------|--|---|-------------------------------------|
| | 07/18/10 21:46 EST | | 0 | Marine Thunderstorm Wind (MG 37 kt) |
| | 07/18/10 22:32 EST | | 0 | Source: Mesonet |

Wind gusts up to 37 knots were reported near Bishops Head.

TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY --- 0.4 SSW SMITH ISLAND [37.98, -76.04]

| | | | | |
|--|--------------------|--|---|-------------------------------------|
| | 07/18/10 21:52 EST | | 0 | Marine Thunderstorm Wind (MG 37 kt) |
| | 07/18/10 22:27 EST | | 0 | Source: Mesonet |

Wind gusts up to 37 knots were reported at Smith Island.

PATAPSCO RIVER INCLUDING BALTIMORE HARBOR COUNTY --- 0.1 NW MARYLAND SCIENCE CENTER [39.28, -76.61]

| | | | | |
|--|--------------------|--|---|-------------------------------------|
| | 07/18/10 22:54 EST | | 0 | Marine Thunderstorm Wind (EG 34 kt) |
| | 07/18/10 23:00 EST | | 0 | Source: Mesonet |

Wind gusts in excess of 30 knots were reported near Baltimore.

CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- 0.2 SE GREENBERRY POINT [38.97, -76.46]

| | | | | |
|--|--------------------|--|---|-------------------------------------|
| | 07/18/10 22:56 EST | | 0 | Marine Thunderstorm Wind (MG 64 kt) |
| | 07/18/10 23:21 EST | | 0 | Source: Mesonet |

Wind gusts between 36 and 64 knots were reported at Greenbury Point.

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

| | | | | |
|--|--------------------|--|---|-------------------------------------|
| | 07/18/10 22:59 EST | | 0 | Marine Thunderstorm Wind (MG 34 kt) |
| | 07/18/10 22:59 EST | | 0 | Source: Buoy |

A wind gust of 34 knots was reported at Thomas Point Lighthouse.

CHESAPEAKE BAY POOLES IS TO SANDY PT MD COUNTY --- 0.1 NNW PATAPSCO BUOY [39.15, -76.39]

| | | | | |
|--|--------------------|--|---|-------------------------------------|
| | 07/18/10 23:00 EST | | 0 | Marine Thunderstorm Wind (MG 37 kt) |
| | 07/18/10 23:00 EST | | 0 | Source: Buoy |

A wind gust of 37 knots was reported at Patapsco Buoy.

CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- 0.3 S ANNAPOLIS [38.98, -76.48]

| | | | | |
|--|--------------------|--|---|-------------------------------------|
| | 07/18/10 23:00 EST | | 0 | Marine Thunderstorm Wind (MG 43 kt) |
| | 07/18/10 23:00 EST | | 0 | Source: Buoy |

A wind gust of 43 knots was reported at Annapolis Buoy.

CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- 0.4 SE TOLLY POINT [38.94, -76.44]

| | | | | |
|--|--------------------|--|---|-------------------------------------|
| | 07/18/10 23:00 EST | | 0 | Marine Thunderstorm Wind (MG 36 kt) |
| | 07/18/10 23:12 EST | | 0 | Source: Mesonet |

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|---|--------------------|-------------------|---------------------|-------------------------------------|
| A wind gust of 36 knots was reported at Tolly Point. | | | | |
| CHESAPEAKE BAY DRUM PT TO SMITH PT VA COUNTY --- 1.8 ENE PATUXENT RIVER ASOS [38.30, -76.38] | | | | |
| | 07/18/10 23:05 EST | | 0 | Marine Thunderstorm Wind (EG 50 kt) |
| | 07/18/10 23:05 EST | | 0 | Source: Trained Spotter |
| A wind gust was estimated around 50 knots due to thunderstorm wind damage near Bowley's Quarters. | | | | |
| CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- 0.3 WSW KENT ISLAND [38.92, -76.36] | | | | |
| | 07/18/10 23:11 EST | | 0 | Marine Thunderstorm Wind (MG 43 kt) |
| | 07/18/10 23:11 EST | | 0 | Source: Mesonet |
| A wind gust of 43 knots was reported at Kent Island. | | | | |
| CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- 0.3 WSW KENT ISLAND [38.92, -76.36] | | | | |
| | 07/18/10 23:18 EST | | 0 | Marine Thunderstorm Wind (MG 34 kt) |
| | 07/18/10 23:18 EST | | 0 | Source: Mesonet |
| A wind gust of 34 knots was reported at Kent Island. | | | | |
| CHESTER RIVER TO QUEENSTOWN MD COUNTY --- TOLCHESTER BEACH [39.12, -76.25] | | | | |
| | 07/18/10 23:24 EST | | 0 | Marine Thunderstorm Wind (MG 44 kt) |
| | 07/18/10 23:24 EST | | 0 | Source: Buoy |
| A wind gust of 44 knots was reported at Tolchester Beach. | | | | |
| High pressure over the western Atlantic continued to usher in hot and humid air due to a southwest flow. An upper-level disturbance in the zonal flow triggered showers and thunderstorms across portions of the Tidal Potomac River and Chesapeake Bay. Moderate amounts of instability due to the hot and humid air mass caused some thunderstorms to produce gusty winds. | | | | |
| CHESAPEAKE BAY DRUM PT TO SMITH PT VA COUNTY --- 0.2 WNW POINT LOOKOUT [38.04, -76.32] | | | | |
| | 07/19/10 17:00 EST | | 0 | Marine Thunderstorm Wind (EG 34 kt) |
| | 07/19/10 17:00 EST | | 0 | Source: Mesonet |
| A wind gust in excess of 30 knots was reported at Point Lookout. | | | | |
| TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- 0.2 ENE BABAR POINT [38.31, -77.03] | | | | |
| | 07/19/10 21:19 EST | | 0 | Marine Thunderstorm Wind (EG 34 kt) |
| | 07/19/10 21:19 EST | | 0 | Source: Mesonet |
| A wind gust in excess of 30 knots was reported at Baber Point. | | | | |
| CHESAPEAKE BAY N OF POOLES IS MD COUNTY --- 0.4 NW SUSQUEHANNA [39.54, -76.07] | | | | |
| | 07/19/10 21:40 EST | | 0 | Marine Thunderstorm Wind (EG 34 kt) |
| | 07/19/10 21:40 EST | | 0 | Source: Buoy |
| A wind gust in excess of 30 knots was reported at Susquehanna Buoy. | | | | |
| TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- 0.2 WNW POINT LOOKOUT [38.04, -76.32] | | | | |
| | 07/19/10 22:45 EST | | 0 | Marine Thunderstorm Wind (EG 34 kt) |
| | 07/19/10 22:50 EST | | 0 | Source: Mesonet |
| A wind gust in excess of 30 knots was reported at Point Lookout. | | | | |
| A surface trough remained over the waters while a series of upper-level disturbances passed through in a zonal flow aloft. Hot and humid conditions led to moderate amounts of instability. Some thunderstorms that developed were able to produce gusty winds due to the instability. | | | | |
| CHESAPEAKE BAY N OF POOLES IS MD COUNTY --- 6.0 ESE HAVRE DE GRACE [39.52, -76.00] | | | | |
| | 07/20/10 11:59 EST | | 0 | Marine Thunderstorm Wind (MG 49 kt) |
| | 07/20/10 12:01 EST | | 0 | Source: Mesonet |
| Wind gusts between 34 and 49 knots were measured about six miles east-southeast of Havre De Grace. | | | | |

Storm Data and Unusual Weather Phenomena - July 2010

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|--|--------------------|-------------------|---------------------|-------------------------------------|
| CHESAPEAKE BAY N OF POOLES IS MD COUNTY --- 0.4 NW SUSQUEHANNA [39.54, -76.07] | | | | |
| | 07/20/10 12:00 EST | | 0 | Marine Thunderstorm Wind (MG 36 kt) |
| | 07/20/10 12:00 EST | | 0 | Source: Buoy |
| A wind gust of 36 knots was reported at Susquehanna Buoy. | | | | |
| TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- 0.3 NE POTOMAC BUOY [39.03, -76.34] | | | | |
| | 07/20/10 18:40 EST | | 0 | Marine Thunderstorm Wind (MG 36 kt) |
| | 07/20/10 18:40 EST | | 0 | Source: Buoy |
| A wind gust of 36 knots was measured at Potomac Buoy. | | | | |
| TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- 11.6 NNE QUANTICO [38.64, -77.20] | | | | |
| | 07/20/10 18:40 EST | | 0 | Marine Thunderstorm Wind (MG 36 kt) |
| | 07/20/10 18:40 EST | | 0 | Source: Mesonet |
| A wind gust of 36 knots was reported at Mason Neck. | | | | |
| TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- 0.2 W POTOMAC LIGHT [38.34, -76.99] | | | | |
| | 07/20/10 18:43 EST | | 0 | Marine Thunderstorm Wind (EG 34 kt) |
| | 07/20/10 18:43 EST | | 0 | Source: Mesonet |
| A wind gust in excess of 30 knots was reported at the Potomac Lighthouse. | | | | |
| TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- 0.4 SE LEWISSETTA [37.99, -76.47] | | | | |
| | 07/20/10 19:18 EST | | 0 | Marine Thunderstorm Wind (EG 34 kt) |
| | 07/20/10 19:18 EST | | 0 | Source: Buoy |
| A wind gust in excess of 30 knots was reported at Lewisetta. | | | | |
| TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- 1.0 NE LEWISSETTA [38.01, -76.46] | | | | |
| | 07/20/10 19:18 EST | | 0 | Marine Thunderstorm Wind (EG 34 kt) |
| | 07/20/10 19:18 EST | | 0 | Source: Buoy |
| Wind gusts in excess of 30 knots were estimated near Lewisetta. | | | | |
| TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- PINEY POINT [38.13, -76.53] | | | | |
| | 07/20/10 19:18 EST | | 0 | Marine Thunderstorm Wind (EG 34 kt) |
| | 07/20/10 19:18 EST | | 0 | Source: Buoy |
| A wind gust in excess of 30 knots was measured at Piney Point. | | | | |
| CHESAPEAKE BAY DRUM PT TO SMITH PT VA COUNTY --- 0.2 WNW POINT LOOKOUT [38.04, -76.32] | | | | |
| | 07/20/10 19:35 EST | | 0 | Marine Thunderstorm Wind (MG 39 kt) |
| | 07/20/10 19:35 EST | | 0 | Source: Mesonet |
| Wind gusts between 34 and 39 knots were reported at Point Lookout. | | | | |
| CHESAPEAKE BAY DRUM PT TO SMITH PT VA COUNTY --- 0.4 SSW SMITH ISLAND [37.98, -76.04] | | | | |
| | 07/20/10 19:57 EST | | 0 | Marine Thunderstorm Wind (MG 39 kt) |
| | 07/20/10 20:22 EST | | 0 | Source: Mesonet |
| Wind gusts up to 39 knots were reported at Smith Island. | | | | |
| TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY --- 0.1 NE BISHOPS HEAD [38.22, -76.04] | | | | |
| | 07/20/10 20:12 EST | | 0 | Marine Thunderstorm Wind (EG 34 kt) |
| | 07/20/10 20:12 EST | | 0 | Source: Mesonet |
| A wind gust in excess of 30 knots was reported at Bishops Head. | | | | |
| TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY --- 0.5 E BISHOPS HEAD [38.22, -76.03] | | | | |

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| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|----------|--------------------|-------------------|---------------------|-------------------------------------|
| | 07/20/10 20:12 EST | | 0 | Marine Thunderstorm Wind (MG 34 kt) |
| | 07/20/10 20:23 EST | | 0 | Source: Mesonet |

Wind gusts up to 34 knots were reported at Bishops Head.

TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY --- 0.1 ESE RACCOON POINT [38.14, -75.79]

| | | | | |
|--|--------------------|--|---|-------------------------------------|
| | 07/20/10 20:25 EST | | 0 | Marine Thunderstorm Wind (MG 36 kt) |
| | 07/20/10 20:25 EST | | 0 | Source: Mesonet |

A wind gust of 36 knots was measured at Raccoon Point.

A surface trough remained over the waters while a series of upper-level disturbances passed through in a zonal flow aloft. Hot and humid conditions led to moderate amounts of instability. Some thunderstorms that developed were able to produce gusty winds due to the instability.

PATAPSCO RIVER INCLUDING BALTIMORE HARBOR COUNTY --- BALTIMORE CITY [39.28, -76.59]

| | | | | |
|--|--------------------|--|---|-------------------------------------|
| | 07/25/10 14:00 EST | | 0 | Marine Thunderstorm Wind (EG 34 kt) |
| | 07/25/10 14:00 EST | | 0 | Source: Mesonet |

A wind gust in excess of 30 knots was reported near Fells Point.

CHESAPEAKE BAY N OF POOLES IS MD COUNTY --- 0.4 NW SUSQUEHANNA [39.54, -76.07]

| | | | | |
|--|--------------------|--|---|-------------------------------------|
| | 07/25/10 14:10 EST | | 0 | Marine Thunderstorm Wind (MG 37 kt) |
| | 07/25/10 14:30 EST | | 0 | Source: Buoy |

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

PATAPSCO RIVER INCLUDING BALTIMORE HARBOR COUNTY --- 0.9 SE BALTIMORE CITY [39.27, -76.58]

| | | | | |
|--|--------------------|--|---|-------------------------------------|
| | 07/25/10 14:24 EST | | 0 | Marine Thunderstorm Wind (EG 34 kt) |
| | 07/25/10 14:24 EST | | 0 | Source: Mesonet |

A wind gust in excess of 30 knots was reported near Fells Point.

TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- 2.4 NW WASHINGTON NATIONALS PARK [38.90, -77.04]

| | | | | |
|--|--------------------|--|---|-------------------------------------|
| | 07/25/10 14:35 EST | | 0 | Marine Thunderstorm Wind (EG 52 kt) |
| | 07/25/10 14:35 EST | | 0 | Source: Public |

Wind gusts were estimated around 60 mph due to thunderstorm wind damage about one mile west of the White House.

TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- 3.8 NNW (DCA)REAGAN NATIONAL AIRPORT [38.90, -77.07]

| | | | | |
|--|--------------------|--|---|-------------------------------------|
| | 07/25/10 14:37 EST | | 0 | Marine Thunderstorm Wind (MG 43 kt) |
| | 07/25/10 14:37 EST | | 0 | Source: Mesonet |

A wind gust of 43 knots was measured at Rosslyn.

TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- 0.7 E (DCA)REAGAN NATIONAL AIRPORT [38.85, -77.03]

| | | | | |
|--|--------------------|--|---|-------------------------------------|
| | 07/25/10 14:40 EST | | 0 | Marine Thunderstorm Wind (MG 46 kt) |
| | 07/25/10 14:58 EST | | 0 | Source: ASOS |

Wind gusts up to 46 knots were measured at Reagan National Airport.

TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- 0.8 SW (DCA)REAGAN NATIONAL AIRPORT [38.84, -77.05]

| | | | | |
|--|--------------------|--|---|-------------------------------------|
| | 07/25/10 14:40 EST | | 0 | Marine Thunderstorm Wind (MG 35 kt) |
| | 07/25/10 14:40 EST | | 0 | Source: Mesonet |

A wind gust of 35 knots was reported near Reagan National Airport.

TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- 0.5 E LYLES-CROUCH ACADEMY ALEXANDRIA [38.80, -77.04]

| | | | | |
|--|--------------------|--|---|-------------------------------------|
| | 07/25/10 14:44 EST | | 0 | Marine Thunderstorm Wind (MG 35 kt) |
| | 07/25/10 14:44 EST | | 0 | Source: Mesonet |

A wind gust of 35 knots was measured near the Woodrow Wilson Bridge.

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| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|---|--------------------|-------------------|---------------------|-------------------------------------|
| TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- 0.9 NW LYLES-CROUCH ACADEMY ALEXANDRIA [38.81, -77.06] | | | | |
| | 07/25/10 14:44 EST | | 0 | Marine Thunderstorm Wind (MG 35 kt) |
| | 07/25/10 14:44 EST | | 0 | Source: Mesonet |
| A wind gust of 35 knots was measured near Alexandria. | | | | |
| TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- 0.5 W WASHINGTON NATIONALS PARK [38.87, -77.02] | | | | |
| | 07/25/10 14:48 EST | | 0 | Marine Thunderstorm Wind (MG 37 kt) |
| | 07/25/10 14:48 EST | | 0 | Source: Mesonet |
| A wind gust of 37 knots was measured at Washington D.C. | | | | |
| CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- 0.8 N US NAVAL ACADEMY [38.99, -76.49] | | | | |
| | 07/25/10 14:49 EST | | 0 | Marine Thunderstorm Wind (MG 54 kt) |
| | 07/25/10 14:49 EST | | 0 | Source: ASOS |
| A wind gust of 54 knots was measured at Annapolis. | | | | |
| TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- 0.2 WNW POINT LOOKOUT [38.04, -76.32] | | | | |
| | 07/25/10 14:55 EST | | 0 | Marine Thunderstorm Wind (MG 38 kt) |
| | 07/25/10 14:55 EST | | 0 | Source: Buoy |
| A wind gust of 38 knots was measured at the Potomac Buoy. | | | | |
| TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- 11.6 NNE QUANTICO [38.64, -77.20] | | | | |
| | 07/25/10 14:55 EST | | 0 | Marine Thunderstorm Wind (MG 38 kt) |
| | 07/25/10 14:55 EST | | 0 | Source: Mesonet |
| A wind gust of 38 knots was measured at Mason Neck. | | | | |
| CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- 0.8 N US NAVAL ACADEMY [38.99, -76.49] | | | | |
| | 07/25/10 14:59 EST | | 0 | Marine Thunderstorm Wind (MG 54 kt) |
| | 07/25/10 14:59 EST | | 0 | Source: ASOS |
| A wind gust of 54 knots was measured at Annapolis. | | | | |
| CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- 51.3 NE ROUTE 301 BRIDGE [38.97, -76.48] | | | | |
| | 07/25/10 14:59 EST | | 0 | Marine Thunderstorm Wind (MG 54 kt) |
| | 07/25/10 14:59 EST | | 0 | Source: Mesonet |
| A wind gust of 54 knots was measured at Eastport. | | | | |
| TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- 0.4 NE QUANTICO [38.50, -77.31] | | | | |
| | 07/25/10 15:07 EST | | 0 | Marine Thunderstorm Wind (MG 48 kt) |
| | 07/25/10 15:20 EST | | 0 | Source: ASOS |
| Wind gusts between 35 and 48 knots were reported at Quantico. | | | | |
| CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- 0.4 SE TOLLY POINT [38.94, -76.44] | | | | |
| | 07/25/10 15:08 EST | | 0 | Marine Thunderstorm Wind (MG 50 kt) |
| | 07/25/10 15:08 EST | | 0 | Source: Mesonet |
| A wind gust of 50 knots was measured at Tolly Point. | | | | |
| CHESTER RIVER TO QUEENSTOWN MD COUNTY --- TOLCHESTER BEACH [39.12, -76.25] | | | | |
| | 07/25/10 15:12 EST | | 0 | Marine Thunderstorm Wind (EG 34 kt) |
| | 07/25/10 15:12 EST | | 0 | Source: Buoy |
| A wind gust in excess of 30 knots was reported at Tolchester Beach. | | | | |
| CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- 0.3 WSW KENT ISLAND [38.92, -76.36] | | | | |

Storm Data and Unusual Weather Phenomena - July 2010

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|----------|--------------------|-------------------|---------------------|-------------------------------------|
| | 07/25/10 15:17 EST | | 0 | Marine Thunderstorm Wind (EG 34 kt) |
| | 07/25/10 15:17 EST | | 0 | Source: Mesonet |

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

TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- 3.3 ESE QUANTICO [38.49, -77.25]

| | | | | |
|--|--------------------|--|---|-------------------------------------|
| | 07/25/10 15:25 EST | | 0 | Marine Thunderstorm Wind (EG 57 kt) |
| | 07/25/10 15:25 EST | | 0 | Source: Fire Department/Rescue |

Thunderstorm wind gusts were estimated to be around 57 knots due to damage about three miles northwest of Nanjemoy.

CHESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY --- CHESAPEAKE BEACH [38.69, -76.54]

| | | | | |
|--|--------------------|--|---|-------------------------------------|
| | 07/25/10 15:30 EST | | 0 | Marine Thunderstorm Wind (MG 39 kt) |
| | 07/25/10 15:30 EST | | 0 | Source: Mesonet |

A wind gust of 39 knots was reported at Chesapeake Beach.

TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- 2.1 ENE POTOMAC LIGHT [38.35, -76.95]

| | | | | |
|--|--------------------|--|---|-------------------------------------|
| | 07/25/10 15:31 EST | | 0 | Marine Thunderstorm Wind (EG 45 kt) |
| | 07/25/10 15:31 EST | | 0 | Source: Fire Department/Rescue |

Wind gusts were estimated around 45 knots due to thunderstorm wind damage.

TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- 0.2 ENE BABAR POINT [38.31, -77.03]

| | | | | |
|--|--------------------|--|---|-------------------------------------|
| | 07/25/10 15:37 EST | | 0 | Marine Thunderstorm Wind (MG 39 kt) |
| | 07/25/10 15:52 EST | | 0 | Source: Mesonet |

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

TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- 0.2 W POTOMAC LIGHT [38.34, -76.99]

| | | | | |
|--|--------------------|--|---|-------------------------------------|
| | 07/25/10 15:39 EST | | 0 | Marine Thunderstorm Wind (MG 46 kt) |
| | 07/25/10 16:04 EST | | 0 | Source: Mesonet |

Wind gusts up to 46 knots were reported at the Potomac Lighthouse.

CHOPTANK RIVER TO CAMBRIDGE MD AND THE LITTLE CHOPTANK RIVER COUNTY --- CAMBRIDGE [38.57, -76.07]

| | | | | |
|--|--------------------|--|---|-------------------------------------|
| | 07/25/10 15:42 EST | | 0 | Marine Thunderstorm Wind (MG 43 kt) |
| | 07/25/10 15:42 EST | | 0 | Source: Buoy |

A wind gust of 43 knots was reported at Cambridge.

TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- 1.6 E POTOMAC LIGHT [38.34, -76.96]

| | | | | |
|--|--------------------|--|---|-------------------------------------|
| | 07/25/10 15:43 EST | | 0 | Marine Thunderstorm Wind (EG 34 kt) |
| | 07/25/10 15:43 EST | | 0 | Source: Mesonet |

A wind gust in excess of 30 knots was reported near Dahlgren.

CHESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY --- COVE POINT [38.43, -76.39]

| | | | | |
|--|--------------------|--|---|-------------------------------------|
| | 07/25/10 15:45 EST | | 0 | Marine Thunderstorm Wind (MG 44 kt) |
| | 07/25/10 16:24 EST | | 0 | Source: Buoy |

Wind gusts between 34 and 44 knots were reported at Cove Point.

PATUXENT RIVER TO BROOMES ISLAND MD COUNTY --- 0.8 SSW PATUXENT RIVER ASOS [38.28, -76.41]

| | | | | |
|--|--------------------|--|---|-------------------------------------|
| | 07/25/10 16:00 EST | | 0 | Marine Thunderstorm Wind (MG 38 kt) |
| | 07/25/10 16:31 EST | | 0 | Source: ASOS |

Wind gusts up to 38 knots were reported at Patuxent River.

PATUXENT RIVER TO BROOMES ISLAND MD COUNTY --- 0.2 SSW CHESAPEAKE BIOLOGICAL LABORATORY [38.32, -76.45]

| | | | | |
|--|--------------------|--|---|-------------------------------------|
| | 07/25/10 16:12 EST | | 0 | Marine Thunderstorm Wind (MG 36 kt) |
| | 07/25/10 16:24 EST | | 0 | Source: Buoy |

Storm Data and Unusual Weather Phenomena - July 2010

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|---|--------------------|-------------------|---------------------|-------------------------------------|
| A wind gust of 36 knots was measured at Solomons Island. | | | | |
| TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- PINEY POINT [38.13, -76.53] | | | | |
| | 07/25/10 16:12 EST | | 0 | Marine Thunderstorm Wind (MG 37 kt) |
| | 07/25/10 16:24 EST | | 0 | Source: Buoy |
| Wind gusts up to 37 knots were reported at Piney Point. | | | | |
| TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- 0.3 NE POTOMAC BUOY [38.03, -76.34] | | | | |
| | 07/25/10 16:15 EST | | 0 | Marine Thunderstorm Wind (MG 34 kt) |
| | 07/25/10 16:30 EST | | 0 | Source: Buoy |
| A wind gust of 35 knots was reported at the Potomac Buoy. | | | | |
| TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- 0.4 SE LEWISSETTA [37.99, -76.47] | | | | |
| | 07/25/10 16:30 EST | | 0 | Marine Thunderstorm Wind (MG 34 kt) |
| | 07/25/10 16:30 EST | | 0 | Source: Buoy |
| A wind gust of 34 knots was reported at Lewisetta. | | | | |
| A strong upper-level disturbance and its associated cold front moved over the waters on the 25th. Hot and humid conditions ahead of the front led to high amounts of instability. Showers and thunderstorms developed along and ahead of the cold front. Due to the high amounts of instability, some thunderstorms were able to mix down strong winds from aloft. | | | | |
| PATAPSCO RIVER INCLUDING BALTIMORE HARBOR COUNTY --- 4.3 NNW RIVIERA BEACH [39.22, -76.53] | | | | |
| | 07/29/10 12:24 EST | | 0 | Marine Thunderstorm Wind (MG 34 kt) |
| | 07/29/10 12:24 EST | | 0 | Source: Buoy |
| A wind gust of 34 knots was reported at Key Bridge. | | | | |
| PATAPSCO RIVER INCLUDING BALTIMORE HARBOR COUNTY --- 0.9 SE BALTIMORE CITY [39.27, -76.58] | | | | |
| | 07/29/10 12:36 EST | | 0 | Marine Thunderstorm Wind (MG 38 kt) |
| | 07/29/10 12:42 EST | | 0 | Source: Mesonet |
| Wind gusts between 34 and 38 knots were measured near Fells Point. | | | | |
| CHESAPEAKE BAY POOLES IS TO SANDY PT MD COUNTY --- 0.1 NNW PATAPSCO BUOY [39.15, -76.39] | | | | |
| | 07/29/10 12:50 EST | | 0 | Marine Thunderstorm Wind (MG 40 kt) |
| | 07/29/10 13:10 EST | | 0 | Source: Buoy |
| Wind gusts up to 40 knots were reported at the Patapsco Buoy. | | | | |
| CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- 0.5 S ANNAPOLIS [38.97, -76.48] | | | | |
| | 07/29/10 12:58 EST | | 0 | Marine Thunderstorm Wind (MG 39 kt) |
| | 07/29/10 12:58 EST | | 0 | Source: Mesonet |
| A wind gust of 39 knots was measured near Eastport. | | | | |
| CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- 0.8 N US NAVAL ACADEMY [38.99, -76.49] | | | | |
| | 07/29/10 12:59 EST | | 0 | Marine Thunderstorm Wind (MG 37 kt) |
| | 07/29/10 12:59 EST | | 0 | Source: ASOS |
| A wind gust of 37 knots was measured at Annapolis. | | | | |
| CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- 2.0 E ANNAPOLIS [38.98, -76.44] | | | | |
| | 07/29/10 12:59 EST | | 0 | Marine Thunderstorm Wind (EG 37 kt) |
| | 07/29/10 12:59 EST | | 0 | Source: Mesonet |
| A wind gust was estimated around 37 knots near Annapolis. | | | | |
| CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- 0.2 SE GREENBERRY POINT [38.97, -76.46] | | | | |

Storm Data and Unusual Weather Phenomena - July 2010

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|----------|--------------------|-------------------|---------------------|-------------------------------------|
| | 07/29/10 13:06 EST | | 0 | Marine Thunderstorm Wind (MG 39 kt) |
| | 07/29/10 13:10 EST | | 0 | Source: Mesonet |

A wind gust of 39 knots was measured at Greenbury Point.

CHESAPEAKE BAY POOLES IS TO SANDY PT MD COUNTY --- 6.7 ENE BALTIMORE APPROACHES BUOY [39.21, -76.25]

| | | |
|--------------------|---|-------------------------------------|
| 07/29/10 13:12 EST | 0 | Marine Thunderstorm Wind (EG 34 kt) |
| 07/29/10 13:12 EST | 0 | Source: Mesonet |

A wind gust in excess of 30 knots was measured at Tolchester Beach.

CHESAPEAKE BAY POOLES IS TO SANDY PT MD COUNTY --- 6.7 ENE BALTIMORE APPROACHES BUOY [39.21, -76.25]

| | | |
|--------------------|---|-------------------------------------|
| 07/29/10 13:12 EST | 0 | Marine Thunderstorm Wind (EG 34 kt) |
| 07/29/10 13:12 EST | 0 | Source: Mesonet |

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

EASTERN BAY COUNTY --- 0.3 WSW KENT ISLAND [38.92, -76.36]

| | | |
|--------------------|---|-------------------------------------|
| 07/29/10 13:13 EST | 0 | Marine Thunderstorm Wind (EG 34 kt) |
| 07/29/10 13:13 EST | 0 | Source: Mesonet |

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

CHESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY --- CHESAPEAKE BEACH [38.69, -76.54]

| | | |
|--------------------|---|-------------------------------------|
| 07/29/10 13:35 EST | 0 | Marine Thunderstorm Wind (EG 34 kt) |
| 07/29/10 13:35 EST | 0 | Source: Mesonet |

A wind gust of 34 knots was measured at Chesapeake Beach.

CHESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY --- COVE POINT [38.43, -76.39]

| | | |
|--------------------|---|-------------------------------------|
| 07/29/10 14:42 EST | 0 | Marine Thunderstorm Wind (EG 34 kt) |
| 07/29/10 14:42 EST | 0 | Source: Buoy |

A wind gust in excess of 30 knots was measured at Cove Point.

CHESAPEAKE BAY DRUM PT TO SMITH PT VA COUNTY --- 0.2 SSE LOWER HOOPERS ISLAND [38.26, -76.18]

| | | |
|--------------------|---|-------------------------------------|
| 07/29/10 15:12 EST | 0 | Marine Thunderstorm Wind (EG 34 kt) |
| 07/29/10 15:12 EST | 0 | Source: Mesonet |

A wind gust in excess of 30 knots was measured at Hooper Island.

CHESAPEAKE BAY DRUM PT TO SMITH PT VA COUNTY --- 8.9 N POINT LOOKOUT [38.17, -76.34]

| | | |
|--------------------|---|-------------------------------------|
| 07/29/10 17:52 EST | 0 | Marine Thunderstorm Wind (EG 34 kt) |
| 07/29/10 17:52 EST | 0 | Source: Mesonet |

A wind gust in excess of 30 knots was measured near Dameron.

A cold front passed through the waters on the 29th, triggering showers and thunderstorms. Warm and humid conditions ahead of the front led to moderate amounts of instability. Some thunderstorms produced gusty winds due to the instability along with strong winds aloft.

DISTRICT OF COLUMBIA

DISTRICT OF COLUMBIA COUNTY --- 0.1 NE TENLEYTOWN [38.95, -77.07]

| | | |
|--------------------|----|------------------------------|
| 07/25/10 14:28 EST | 1K | Thunderstorm Wind (EG 57 kt) |
| 07/25/10 14:28 EST | 0 | Source: Trained Spotter |

A tree was down along the 3500 Block of Cumberland Avenue.

DISTRICT OF COLUMBIA COUNTY --- 1.2 W TENLEYTOWN [38.95, -77.09]

Storm Data and Unusual Weather Phenomena - July 2010

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|----------|--------------------|-------------------|---------------------|------------------------------|
| | 07/25/10 14:28 EST | | 5K | Thunderstorm Wind (EG 57 kt) |
| | 07/25/10 14:28 EST | | 0 | Source: Trained Spotter |

Numerous trees were down along the northwestern parts of Washington D.C.

| DISTRICT OF COLUMBIA COUNTY --- 1.4 N TENLEYTOWN [38.97, -77.07] | | | | |
|--|--------------------|-------------------|---------------------|------------------------------|
| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
| | 07/25/10 14:29 EST | | 0 | Thunderstorm Wind (MG 59 kt) |
| | 07/25/10 14:29 EST | | 0 | Source: Mesonet |

A wind gust of 68 mph was reported at Chevy Chase Village.

| DISTRICT OF COLUMBIA COUNTY --- 0.8 SE TENLEYTOWN [38.94, -77.06] | | | | |
|---|--------------------|-------------------|---------------------|------------------------------|
| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
| | 07/25/10 14:30 EST | | 15K | Thunderstorm Wind (EG 57 kt) |
| | 07/25/10 14:30 EST | | 0 | Source: Broadcast Media |

An uprooted tree fell into a home causing extensive damage.

| DISTRICT OF COLUMBIA COUNTY --- 1.2 N TENLEYTOWN [38.97, -77.07] | | | | |
|--|--------------------|-------------------|---------------------|------------------------------|
| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
| | 07/25/10 14:30 EST | | 5K | Thunderstorm Wind (EG 57 kt) |
| | 07/25/10 14:30 EST | | 0 | Source: Emergency Manager |

Numerous trees were down across the northern and western portions of the District.

| DISTRICT OF COLUMBIA COUNTY --- 1.7 NE MOUNT PLEASANT [38.95, -77.03] | | | | |
|---|--------------------|-------------------|---------------------|------------------------------|
| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
| | 07/25/10 14:33 EST | | 5K | Thunderstorm Wind (EG 61 kt) |
| | 07/25/10 14:33 EST | | 0 | Source: Emergency Manager |

Numerous trees were down across northern parts of the District.

| DISTRICT OF COLUMBIA COUNTY --- 1.4 NNE LINCOLN MEMORIAL [38.90, -77.04] | | | | |
|--|--------------------|-------------------|---------------------|------------------------------|
| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
| | 07/25/10 14:35 EST | | 1K | Thunderstorm Wind (EG 52 kt) |
| | 07/25/10 14:35 EST | | 0 | Source: Public |

A large portion of a tree was reported down at E Street and 18th Street.

| DISTRICT OF COLUMBIA COUNTY --- 1.1 NNE BENNING [38.89, -76.94] | | | | |
|---|--------------------|-------------------|---------------------|------------------------------|
| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
| | 07/25/10 14:39 EST | | 5K | Thunderstorm Wind (EG 61 kt) |
| | 07/25/10 14:39 EST | | 0 | Source: Emergency Manager |

Numerous trees were down along northern and eastern parts of the District.

A strong upper-level disturbance and its associated cold front moved into Washington D.C. on the 25th. Hot and humid conditions ahead of the front led to high amounts of instability. Showers and thunderstorms developed along and ahead of the cold front. Due to the high amounts of instability, thunderstorms were able to mix down strong winds from aloft causing significant amounts of damage across portions of the city.

MARYLAND, Central

| (MD-Z011) SOUTHERN BALTIMORE, (MD-Z013) PRINCE GEORGES, (MD-Z014) ANNE ARUNDEL | | | | |
|--|--------------------|-------------------|---------------------|------------------------|
| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
| | 07/04/10 12:00 EST | | 0 | Heat |
| | 07/08/10 20:00 EST | | 0 | |

A ridge of high pressure aloft along with a southwest flow around surface high pressure resulted in hot and humid conditions during the Fourth of July through the 8th. Max temperatures were in the 90s and 100s across most locations. The hottest days were on the 6th and 7th of July where most locations soared past 100 degrees.

| FREDERICK COUNTY --- 0.3 ENE THURMONT [39.62, -77.42] | | | | |
|---|--------------------|-------------------|---------------------|--------------------------------|
| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
| | 07/08/10 15:20 EST | | 20K | Thunderstorm Wind (EG 50 kt) |
| | 07/08/10 15:20 EST | | 0 | Source: Fire Department/Rescue |

Numerous tents in the Thurmont Community Park were blown over and the piping was broken. Several roofs were damaged as well.

Storm Data and Unusual Weather Phenomena - July 2010

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

An upper-level low centered over the western Atlantic combined with a backdoor cold front to trigger showers and thunderstorms across portions of Maryland. An isolated thunderstorm did produce damaging winds.

HARFORD COUNTY --- 0.5 E EDGEWOOD [39.42, -76.29], 0.6 ESE EDGEWOOD [39.42, -76.29], 0.5 SE EDGEWOOD [39.41, -76.29], 0.4 ESE EDGEWOOD [39.42, -76.29]

| | | | | |
|--|--------------------|--|---|---------------------------------|
| | 07/10/10 06:50 EST | | 0 | Flash Flood (due to Heavy Rain) |
| | 07/10/10 08:00 EST | | 0 | Source: Law Enforcement |

Edgewood Road at the CSX Railroad Overpass was flooded and closed. A spotter near the event reported 3.75 inches of rain in 2.5 hours.

Low pressure moved east toward the Chesapeake Bay during the early morning, encountering a very moist low-level atmosphere. Lift was sufficient to produce thunderstorms, a series of which trained across southern Harford county for several hours, producing 2-4 inches of rain and a report of flash flooding.

BALTIMORE COUNTY --- 0.9 S MILFORD [39.36, -76.75]

| | | | | |
|--|--------------------|--|----|--------------------------------|
| | 07/12/10 13:45 EST | | 1K | Thunderstorm Wind (EG 52 kt) |
| | 07/12/10 13:45 EST | | 0 | Source: Fire Department/Rescue |

A tree was down at the Milford Academy.

ANNE ARUNDEL COUNTY --- 1.3 W STONY RUN [39.18, -76.72]

| | | | | |
|--|--------------------|--|----|--------------------------------|
| | 07/12/10 13:52 EST | | 1K | Thunderstorm Wind (EG 52 kt) |
| | 07/12/10 13:52 EST | | 0 | Source: Fire Department/Rescue |

A tree was down on Standard Drive near Parkway Drive.

BALTIMORE CITY (C) COUNTY --- 1.4 S WALBROOK [39.30, -76.67]

| | | | | |
|--|--------------------|--|----|--------------------------------|
| | 07/12/10 14:06 EST | | 1K | Thunderstorm Wind (EG 52 kt) |
| | 07/12/10 14:06 EST | | 0 | Source: Fire Department/Rescue |

A tree was knocked down onto the highway near Gwynnoak.

BALTIMORE CITY (C) COUNTY --- 0.7 SSE WALBROOK [39.31, -76.67]

| | | | | |
|--|--------------------|--|----|--------------------------------|
| | 07/12/10 14:07 EST | | 1K | Thunderstorm Wind (EG 52 kt) |
| | 07/12/10 14:07 EST | | 0 | Source: Fire Department/Rescue |

A tree was down over the 2400 Block of Chelsea Terrace.

BALTIMORE CITY (C) COUNTY --- 0.8 WSW WALBROOK [39.32, -76.68]

| | | | | |
|--|--------------------|--|----|--------------------------------|
| | 07/12/10 14:07 EST | | 1K | Thunderstorm Wind (EG 52 kt) |
| | 07/12/10 14:07 EST | | 0 | Source: Fire Department/Rescue |

A tree fell onto Alto Road.

BALTIMORE CITY (C) COUNTY --- 2.0 NNE CATONSVILLE [39.30, -76.71]

| | | | | |
|--|--------------------|--|----|--------------------------------|
| | 07/12/10 14:08 EST | | 1K | Thunderstorm Wind (EG 52 kt) |
| | 07/12/10 14:08 EST | | 0 | Source: Fire Department/Rescue |

A tree was down on the 3800 Block of Crescent Street.

BALTIMORE CITY (C) COUNTY --- 0.6 NE MT ROYAL [39.33, -76.62]

| | | | | |
|--|--------------------|--|----|--------------------------------|
| | 07/12/10 14:10 EST | | 1K | Thunderstorm Wind (EG 52 kt) |
| | 07/12/10 14:10 EST | | 0 | Source: Fire Department/Rescue |

A tree was over the roadway on West 30th Street.

PRINCE GEORGE'S COUNTY --- 0.3 NW COLLINGTON [38.97, -76.77]

| | | | | |
|--|--------------------|--|----|------------------------------|
| | 07/12/10 14:12 EST | | 5K | Thunderstorm Wind (EG 52 kt) |
| | 07/12/10 14:12 EST | | 0 | Source: Broadcast Media |

Several trees were down along Highbridge Road at the intersection with Route 450.

Storm Data and Unusual Weather Phenomena - July 2010

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|--|--------------------|-------------------|---------------------|--------------------------------|
| BALTIMORE CITY (C) COUNTY --- 0.7 SW ROLAND PARK [39.36, -76.66] | | | | |
| | 07/12/10 14:25 EST | | 1K | Thunderstorm Wind (EG 52 kt) |
| | 07/12/10 14:25 EST | | 0 | Source: Fire Department/Rescue |
| A tree was down on the 2100 Block of Carterdale Road. | | | | |
| BALTIMORE CITY (C) COUNTY --- 0.7 SW HAMPDEN [39.34, -76.64] | | | | |
| | 07/12/10 14:27 EST | | 1K | Thunderstorm Wind (EG 52 kt) |
| | 07/12/10 14:27 EST | | 0 | Source: Fire Department/Rescue |
| A tree was down on the 1200 Block of West Cold Spring Lane. | | | | |
| ANNE ARUNDEL COUNTY --- 0.2 SSE PASADENA [39.10, -76.57] | | | | |
| | 07/12/10 14:47 EST | | 1K | Thunderstorm Wind (EG 52 kt) |
| | 07/12/10 14:47 EST | | 0 | Source: Fire Department/Rescue |
| A tree was down near the intersection of Light Street Avenue and West Earleigh Heights Road. | | | | |
| ANNE ARUNDEL COUNTY --- 1.3 NNW GREEN HAVEN [39.15, -76.56] | | | | |
| | 07/12/10 14:53 EST | | 3K | Thunderstorm Wind (EG 52 kt) |
| | 07/12/10 14:53 EST | | 0 | Source: Fire Department/Rescue |
| Three to four trees were down on Stone Haven Drive. Some trees were eighteen inches in diameter. | | | | |
| A pressure trough remained over Maryland on the 12th while an upper-level disturbance passed through in a zonal flow aloft. The forcing from these two systems were responsible for the development of showers and thunderstorms. Due to moderate amounts of instability, some thunderstorms became severe with damaging winds. | | | | |
| BALTIMORE COUNTY --- 3.3 WNW SPARROWS PT [39.28, -76.64], 3.5 N BALTIMORE HIGHLANDS [39.28, -76.65], 2.9 SE BARE HILLS [39.32, -76.65], 3.0 SE BARE HILLS [39.32, -76.64] | | | | |
| | 07/12/10 14:25 EST | | 0 | Flood (due to Heavy Rain) |
| | 07/12/10 20:30 EST | | 0 | Source: Law Enforcement |
| Flooding was reported along parts of Fulton Avenue. | | | | |
| BALTIMORE COUNTY --- 1.3 ESE CATONSVILLE MANOR [39.29, -76.70], 1.3 ESE CATONSVILLE MANOR [39.29, -76.70], 1.7 ESE CATONSVILLE MANOR [39.29, -76.69], 1.7 SE CATONSVILLE MANOR [39.29, -76.70] | | | | |
| | 07/12/10 14:35 EST | | 0 | Flood (due to Heavy Rain) |
| | 07/12/10 20:45 EST | | 0 | Source: Law Enforcement |
| Flooding was reported along portions of Uplands Parkway. | | | | |
| BALTIMORE COUNTY --- 2.3 NNE HALETHORPE [39.28, -76.68], 1.7 SSE CATONSVILLE MANOR [39.28, -76.71], 1.4 SE CATONSVILLE MANOR [39.28, -76.70], 3.8 WNW SPARROWS PT [39.29, -76.65], 3.4 NE HALETHORPE [39.28, -76.65], 2.6 NE HALETHORPE [39.28, -76.67] | | | | |
| | 07/12/10 14:35 EST | | 0 | Flood (due to Heavy Rain) |
| | 07/12/10 20:45 EST | | 0 | Source: Law Enforcement |
| Flooding was reported along parts of Frederick Avenue. | | | | |
| BALTIMORE COUNTY --- 2.8 S STONELEIGH [39.33, -76.63], 2.9 ESE BARE HILLS [39.33, -76.63], 2.3 SSW STONELEIGH [39.34, -76.64], 2.3 SSW STONELEIGH [39.34, -76.64] | | | | |
| | 07/12/10 14:59 EST | | 0 | Flood (due to Heavy Rain) |
| | 07/12/10 21:00 EST | | 0 | Source: Law Enforcement |
| Flooding was reported along parts of Hickory Avenue. A spotter in the area observed 2.25 inches of rain. | | | | |
| BALTIMORE COUNTY --- 2.8 ENE CATONSVILLE MANOR [39.31, -76.67], 2.2 ENE CATONSVILLE MANOR [39.31, -76.68], 2.2 ENE CATONSVILLE MANOR [39.31, -76.68], 2.5 SSE BARE HILLS [39.32, -76.66] | | | | |
| | 07/12/10 15:36 EST | | 0 | Flood (due to Heavy Rain) |
| | 07/12/10 21:45 EST | | 0 | Source: Law Enforcement |
| Flooding was reported along parts of Gwynns Falls Parkway. | | | | |

Storm Data and Unusual Weather Phenomena - July 2010

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|--|--------------------|-------------------|---------------------|---------------------------------|
| <p>A pressure trough remained over Maryland on the 12th while an upper-level disturbance passed through in a zonal flow aloft. The forcing from these two systems were responsible for the development of showers and thunderstorms. As thunderstorms passed across the Baltimore metropolitan area during the afternoon locally heavy rainfall of 1 to 2 inches produced minor street flooding.</p> | | | | |
| <hr/> | | | | |
| CALVERT COUNTY --- 0.6 SSW DUNKIRK [38.71, -76.67] | 07/13/10 19:57 EST | | 2K | Thunderstorm Wind (EG 52 kt) |
| | 07/13/10 19:57 EST | | 0 | Source: Emergency Manager |
| Trees were down on Howes Road. | | | | |
| <hr/> | | | | |
| CALVERT COUNTY --- 0.5 SE DUNKIRK [38.72, -76.66] | 07/13/10 19:58 EST | | 2K | Thunderstorm Wind (EG 52 kt) |
| | 07/13/10 19:58 EST | | 0 | Source: Emergency Manager |
| Trees were down near Kirksville Road. | | | | |
| <hr/> | | | | |
| CALVERT COUNTY --- 1.5 SSW CHANEY [38.73, -76.64] | 07/13/10 20:00 EST | | 2K | Thunderstorm Wind (EG 52 kt) |
| | 07/13/10 20:00 EST | | 0 | Source: Emergency Manager |
| Trees were down along Ward Road. | | | | |
| <hr/> | | | | |
| ANNE ARUNDEL COUNTY --- 0.1 ENE JEWELL [38.75, -76.63] | 07/13/10 20:02 EST | | 2K | Thunderstorm Wind (EG 52 kt) |
| | 07/13/10 20:02 EST | | 0 | Source: Emergency Manager |
| Trees were down near Jewell Road. | | | | |
| <hr/> | | | | |
| CALVERT COUNTY --- 1.3 E PARIS [38.70, -76.56] | 07/13/10 20:10 EST | | 2K | Thunderstorm Wind (EG 52 kt) |
| | 07/13/10 20:10 EST | | 0 | Source: Emergency Manager |
| Trees were down on power lines near Route 260 and Harrison Boulevard. | | | | |
| <p>A surface trough remained over the area triggering showers and thunderstorms on the 13th. An upper-level disturbance moved into the area in the zonal flow aloft. The upper-level disturbance combined with an abundant amount of low-level moisture to produce moderate amounts of instability. Some thunderstorms became severe with damaging winds.</p> | | | | |
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| BALTIMORE COUNTY --- 1.8 ENE OELLA [39.28, -76.75], 1.3 ENE OELLA [39.28, -76.76], 1.3 SE BELMONT [39.29, -76.76], 1.5 SW CHADWICK MANOR [39.28, -76.75] | 07/14/10 00:15 EST | | 0 | Flash Flood (due to Heavy Rain) |
| | 07/14/10 01:15 EST | | 0 | Source: Law Enforcement |
| Vehicle stranded in flowing water on North Rolling Road near the Baltimore National Pike. Trained spotter in the area measured storm total precipitation of 5.27 inches. | | | | |
| <p>A surface trough combined with an upper-level disturbance to trigger showers and thunderstorms over the area overnight on the 13th into the morning of the 14th. With ground already saturated from numerous rounds of rainfall over the past few days, heavy downpours from thunderstorms created flash flooding in the Baltimore metropolitan area.</p> | | | | |
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| ST. MARY'S COUNTY --- 0.7 SSE LEXINGTON PARK [38.26, -76.45] | 07/16/10 17:50 EST | | 0 | Thunderstorm Wind (EG 50 kt) |
| | 07/16/10 17:50 EST | | 0 | Source: Trained Spotter |
| A trained spotter estimated a thunderstorm wind gust around 60 knots at Lexington Park. | | | | |
| <p>High pressure over the western Atlantic pumped in plenty of warm and humid air over the region during the 16th. A weak upper-level disturbance in the zonal flow aloft triggered showers and thunderstorms across portions of Maryland. An isolated thunderstorm produced damaging winds.</p> | | | | |
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| MONTGOMERY COUNTY --- 1.4 WNW GLEN [39.06, -77.24] | 07/18/10 22:18 EST | | 1K | Thunderstorm Wind (EG 52 kt) |
| | 07/18/10 22:18 EST | | 0 | Source: Newspaper |

Storm Data and Unusual Weather Phenomena - July 2010

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|---|--------------------|-------------------|---------------------|--------------------------------|
| A large tree was down along Glen Road. | | | | |
| <hr/> | | | | |
| ANNE ARUNDEL COUNTY --- 0.9 WNW DAVIDSONVILLE [38.92, -76.65] | 07/18/10 22:30 EST | | 1K | Thunderstorm Wind (EG 50 kt) |
| | 07/18/10 22:30 EST | | 0 | Source: Fire Department/Rescue |
| A tree was down along West Central Avenue. | | | | |
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| ANNE ARUNDEL COUNTY --- 0.8 ENE ARNOLD [39.03, -76.49] | 07/18/10 22:37 EST | | 1K | Thunderstorm Wind (EG 52 kt) |
| | 07/18/10 22:37 EST | | 0 | Source: Fire Department/Rescue |
| A tree was down at College Parkway and Shore Acres Road. | | | | |
| <hr/> | | | | |
| HOWARD COUNTY --- 0.6 SSW BRINKLEIGH MANOR [39.27, -76.83] | 07/18/10 22:40 EST | | 3K | Thunderstorm Wind (EG 52 kt) |
| | 07/18/10 22:40 EST | | 0 | Source: Emergency Manager |
| Trees were down around Ellicott City. | | | | |
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| ANNE ARUNDEL COUNTY --- 0.7 N (BWI)BALTMOR-WSHNGTN [39.18, -76.67] | 07/18/10 22:48 EST | | 0 | Thunderstorm Wind (MG 54 kt) |
| | 07/18/10 22:48 EST | | 0 | Source: ASOS |
| A wind gust of 62 mph was measured at the Baltimore-Washington International Airport. | | | | |
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| ANNE ARUNDEL COUNTY --- 0.7 N (BWI)BALTMOR-WSHNGTN [39.18, -76.67] | 07/18/10 22:50 EST | | 0 | Thunderstorm Wind (MG 63 kt) |
| | 07/18/10 22:50 EST | | 0 | Source: ASOS |
| A wind gust of 72 mph was measured at the Baltimore-Washington International Airport. | | | | |
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| ANNE ARUNDEL COUNTY --- 0.9 SE GLEN BURNIE [39.16, -76.62] | 07/18/10 22:54 EST | | 0 | Thunderstorm Wind (MG 50 kt) |
| | 07/18/10 22:54 EST | | 0 | Source: Mesonet |
| A wind gust of 58 mph was measured at Glen Burnie. | | | | |
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| ANNE ARUNDEL COUNTY --- 1.1 N MARLEY [39.17, -76.60] | 07/18/10 23:00 EST | | 1K | Thunderstorm Wind (EG 57 kt) |
| | 07/18/10 23:00 EST | | 0 | Source: Public |
| A tree that was two feet in diameter was snapped. | | | | |
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| BALTIMORE COUNTY --- 2.1 SSW BOWLEYS QUARTERS [39.30, -76.38] | 07/18/10 23:05 EST | | 2K | Thunderstorm Wind (EG 52 kt) |
| | 07/18/10 23:05 EST | | 0 | Source: Trained Spotter |
| Large limbs were down from Bowleys Quarters to Middle River. | | | | |
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| BALTIMORE COUNTY --- 0.4 NNW WHITE MARSH [39.38, -76.43] | 07/18/10 23:25 EST | | 0 | Thunderstorm Wind (EG 52 kt) |
| | 07/18/10 23:25 EST | | 0 | Source: Trained Spotter |
| A wind gust was estimated around 60 mph at White Marsh. | | | | |
| <p>High pressure over the western Atlantic continued to usher in hot and humid air with a southwest flow. An upper-level disturbance in the zonal flow triggered showers and thunderstorms across portions of Maryland. Moderate amounts of instability due to the hot and humid air mass caused some thunderstorms to produce damaging winds.</p> | | | | |
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| HARFORD COUNTY --- 0.7 ENE EMMORTON [39.50, -76.31] | | | | |

Storm Data and Unusual Weather Phenomena - July 2010

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|---|--------------------|-------------------|---------------------|------------------------------|
| | 07/25/10 14:07 EST | | 1K | Thunderstorm Wind (EG 50 kt) |
| | 07/25/10 14:07 EST | | 0 | Source: Trained Spotter |
| Widespread branches two inches in diameter were down due to thunderstorm winds. | | | | |
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| MONTGOMERY COUNTY --- 0.7 S QUINCE ORCHARD [39.11, -77.25] | | | | |
| | 07/25/10 14:10 EST | | 0 | Thunderstorm Wind (MG 50 kt) |
| | 07/25/10 14:10 EST | | 0 | Source: Mesonet |
| A wind gust of 58 mph was measured near North Potomac. | | | | |
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| MONTGOMERY COUNTY --- 0.7 ESE POOLESVILLE [39.15, -77.41] | | | | |
| | 07/25/10 14:11 EST | | 0 | Thunderstorm Wind (EG 52 kt) |
| | 07/25/10 14:11 EST | | 0 | Source: Trained Spotter |
| A trained spotter estimated thunderstorm wind gusts around 60 mph at Poolesville. | | | | |
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| MONTGOMERY COUNTY --- 0.7 E CLOPPER [39.15, -77.22] | | | | |
| | 07/25/10 14:12 EST | | 5K | Thunderstorm Wind (EG 52 kt) |
| | 07/25/10 14:12 EST | | 0 | Source: NWS Employee |
| A downed Pine Tree was blocking lanes along Quince Orchard Road. Numerous branches were also down across the roadway. | | | | |
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| MONTGOMERY COUNTY --- 0.9 NE QUINCE ORCHARD [39.13, -77.24] | | | | |
| | 07/25/10 14:13 EST | | 5K | Thunderstorm Wind (EG 57 kt) |
| | 07/25/10 14:13 EST | | 0 | Source: Public |
| Trees were down along Great Seneca highway near Quince Orchard Road. | | | | |
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| MONTGOMERY COUNTY --- 1.1 S QUINCE ORCHARD [39.10, -77.25] | | | | |
| | 07/25/10 14:13 EST | | 3K | Thunderstorm Wind (EG 65 kt) |
| | 07/25/10 14:13 EST | | 0 | Source: Amateur Radio |
| Tree tops and limbs were down along Apricot Road. | | | | |
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| MONTGOMERY COUNTY --- 0.7 N TRAVILAH [39.08, -77.27] | | | | |
| | 07/25/10 14:14 EST | | 35K | Thunderstorm Wind (EG 78 kt) |
| | 07/25/10 14:14 EST | | 0 | Source: NWS Storm Survey |
| A survey revealed snapped and uprooted Hardwood and Softwood trees around North Potomac. Large limbs were snapped and there was considerable branch damage. | | | | |
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| MONTGOMERY COUNTY --- 0.9 SSE LAYTONSVILLE [39.21, -77.14] | | | | |
| | 07/25/10 14:14 EST | | 0 | Thunderstorm Wind (MG 50 kt) |
| | 07/25/10 14:14 EST | | 0 | Source: Mesonet |
| A wind gust of 58 mph was measured in Laytonsville. | | | | |
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| MONTGOMERY COUNTY --- 0.8 NNW WASHINGTON GROVE [39.14, -77.19] | | | | |
| | 07/25/10 14:15 EST | | 5K | Thunderstorm Wind (EG 61 kt) |
| | 07/25/10 14:15 EST | | 0 | Source: Trained Spotter |
| Numerous trees were snapped. | | | | |
| <hr/> | | | | |
| MONTGOMERY COUNTY --- 0.9 NE TRAVILAH [39.08, -77.26] | | | | |
| | 07/25/10 14:15 EST | | 30K | Thunderstorm Wind (EG 78 kt) |
| | 07/25/10 14:15 EST | | 0 | Source: NWS Storm Survey |
| A survey revealed snapped pine trees along with snapped hardwood and softwood trees. Some softwood trees were uprooted. | | | | |
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| MONTGOMERY COUNTY --- 1.0 W GLEN [39.05, -77.24] | | | | |

Storm Data and Unusual Weather Phenomena - July 2010

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|--|--------------------|-------------------|---------------------|------------------------------|
| | 07/25/10 14:15 EST | | 10K | Thunderstorm Wind (EG 61 kt) |
| | 07/25/10 14:15 EST | | 0 | Source: NWS Storm Survey |
| A survey revealed large limbs snapped and an uprooted pine tree along Glen Road between Travilah Road and Piney Meetinghouse Road. | | | | |
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| MONTGOMERY COUNTY --- 1.2 WSW HUNTING HILL [39.09, -77.24] | | | | |
| | 07/25/10 14:15 EST | | 5K | Thunderstorm Wind (EG 61 kt) |
| | 07/25/10 14:15 EST | | 0 | Source: NWS Storm Survey |
| A large pine tree and several large hardwood limbs were snapped off. A tree was also uprooted nearby. | | | | |
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| MONTGOMERY COUNTY --- GAITHERSBURG [39.13, -77.20] | | | | |
| | 07/25/10 14:15 EST | | 15K | Thunderstorm Wind (EG 57 kt) |
| | 07/25/10 14:15 EST | | 0 | Source: Trained Spotter |
| A tree was uprooted on a car near Gaithersburg High School. | | | | |
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| MONTGOMERY COUNTY --- 0.1 N DERWOOD [39.12, -77.17] | | | | |
| | 07/25/10 14:17 EST | | 25K | Thunderstorm Wind (EG 78 kt) |
| | 07/25/10 14:17 EST | | 0 | Source: NWS Storm Survey |
| A large crane at the Montgomery County Public Works was toppled. | | | | |
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| MONTGOMERY COUNTY --- 0.4 NW WESTMORE [39.10, -77.16] | | | | |
| | 07/25/10 14:18 EST | | 5K | Thunderstorm Wind (EG 61 kt) |
| | 07/25/10 14:18 EST | | 0 | Source: Broadcast Media |
| A tree was down across the Metro Red Line tracks. | | | | |
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| MONTGOMERY COUNTY --- 0.6 WNW ROCKVILLE [39.08, -77.16] | | | | |
| | 07/25/10 14:18 EST | | 10K | Thunderstorm Wind (EG 57 kt) |
| | 07/25/10 14:18 EST | | 0 | Source: Amateur Radio |
| Numerous trees and power lines were down on route 28 between downtown Rockville and Interstate 270. | | | | |
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| MONTGOMERY COUNTY --- 0.7 W REDLAND [39.15, -77.16] | | | | |
| | 07/25/10 14:18 EST | | 5K | Thunderstorm Wind (EG 61 kt) |
| | 07/25/10 14:18 EST | | 0 | Source: Amateur Radio |
| Gude Drive near MD Route 355 was partially blocked due to several down trees. | | | | |
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| MONTGOMERY COUNTY --- 1.7 ESE GLEN [39.04, -77.19] | | | | |
| | 07/25/10 14:18 EST | | 5K | Thunderstorm Wind (EG 65 kt) |
| | 07/25/10 14:18 EST | | 0 | Source: NWS Storm Survey |
| Tree damage was noted and a power pole was leaning as a result of strong wind. | | | | |
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| MONTGOMERY COUNTY --- 1.8 SE LAYTONSVILLE [39.20, -77.13] | | | | |
| | 07/25/10 14:18 EST | | 0 | Thunderstorm Wind (MG 56 kt) |
| | 07/25/10 14:18 EST | | 0 | Source: Mesonet |
| A wind gust of 64 mph was reported near Laytonsville. | | | | |
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| MONTGOMERY COUNTY --- ROCKVILLE [39.08, -77.15] | | | | |
| | 07/25/10 14:18 EST | 1 | 0 | Lightning |
| | 07/25/10 14:18 EST | | 0 | Source: Newspaper |
| A fatality occurred due to a lightning strike at the Watkins Pond Community Garden in Rockville. | | | | |
| Direct Fatalities: M48UT | | | | |
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| MONTGOMERY COUNTY --- 0.6 ESE POTOMAC [39.02, -77.21] | | | | |

Storm Data and Unusual Weather Phenomena - July 2010

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|---|--------------------|-------------------|---------------------|--------------------------------|
| | 07/25/10 14:19 EST | | 2K | Thunderstorm Wind (EG 57 kt) |
| | 07/25/10 14:19 EST | | 0 | Source: NWS Storm Survey |
| The main stem of a large tree was snapped. | | | | |
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| MONTGOMERY COUNTY --- 0.9 SE CLOPPER [39.14, -77.22] | | | | |
| | 07/25/10 14:19 EST | | 0 | Thunderstorm Wind (MG 54 kt) |
| | 07/25/10 14:19 EST | | 0 | Source: Mesonet |
| A wind gust of 62 mph was reported in Gaithersburg. | | | | |
| <hr/> | | | | |
| MONTGOMERY COUNTY --- 1.6 ENE DERWOOD [39.13, -77.14] | | | | |
| | 07/25/10 14:19 EST | | 5K | Thunderstorm Wind (EG 65 kt) |
| | 07/25/10 14:19 EST | | 0 | Source: Public |
| Portions of large trees were down near Derwood. | | | | |
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| MONTGOMERY COUNTY --- 1.9 E GLEN [39.05, -77.19] | | | | |
| | 07/25/10 14:19 EST | | 5K | Thunderstorm Wind (EG 61 kt) |
| | 07/25/10 14:19 EST | | 0 | Source: Trained Spotter |
| Numerous tree branches 5 to 7 inches in diameter were down along Karen Drive. | | | | |
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| MONTGOMERY COUNTY --- GAITHERSBURG [39.13, -77.20] | | | | |
| | 07/25/10 14:19 EST | | 0 | Thunderstorm Wind (MG 53 kt) |
| | 07/25/10 14:19 EST | | 0 | Source: Mesonet |
| A wind gust of 61 mph was measured at the Gaithersburg High School. | | | | |
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| MONTGOMERY COUNTY --- 0.7 N RANDOLPH HILLS [39.09, -77.13] | | | | |
| | 07/25/10 14:20 EST | | 1K | Thunderstorm Wind (EG 61 kt) |
| | 07/25/10 14:20 EST | | 0 | Source: Fire Department/Rescue |
| A tree was reported down at Gude Drive and Maryland Route 28. | | | | |
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| MONTGOMERY COUNTY --- 0.7 WNW ROCKVILLE [39.08, -77.16] | | | | |
| | 07/25/10 14:20 EST | | 1K | Thunderstorm Wind (EG 57 kt) |
| | 07/25/10 14:20 EST | | 0 | Source: Fire Department/Rescue |
| A tree was down on west Montgomery Avenue. | | | | |
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| MONTGOMERY COUNTY --- 1.7 NNE CARDEROCK SPGS [39.02, -77.16] | | | | |
| | 07/25/10 14:21 EST | | 2K | Thunderstorm Wind (EG 61 kt) |
| | 07/25/10 14:21 EST | | 0 | Source: NWS Storm Survey |
| Large limbs were down in the vicinity of Democracy Boulevard and Seven Locks Road. | | | | |
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| MONTGOMERY COUNTY --- 0.8 SE CARDEROCK SPGS [38.99, -77.16] | | | | |
| | 07/25/10 14:22 EST | | 1K | Thunderstorm Wind (EG 61 kt) |
| | 07/25/10 14:22 EST | | 0 | Source: Fire Department/Rescue |
| The entrance ramp to Interstate 495 from River Road was closed due to a tree blocking the road. | | | | |
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| MONTGOMERY COUNTY --- 1.0 NE LAYHILL [39.09, -77.04] | | | | |
| | 07/25/10 14:22 EST | | 2K | Thunderstorm Wind (EG 52 kt) |
| | 07/25/10 14:22 EST | | 0 | Source: Trained Spotter |
| Large tree limbs were down. | | | | |
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| MONTGOMERY COUNTY --- 0.8 NNW GLENMONT [39.08, -77.08] | | | | |
| | 07/25/10 14:23 EST | | 4K | Thunderstorm Wind (EG 70 kt) |
| | 07/25/10 14:23 EST | | 0 | Source: Trained Spotter |

Storm Data and Unusual Weather Phenomena - July 2010

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|--|--------------------|-------------------|---------------------|------------------------------|
| Three very large trees were down on Aspen Hill Road. | | | | |
| MONTGOMERY COUNTY --- 0.6 SE WOODHAVEN [38.99, -77.12] | | | | |
| | 07/25/10 14:24 EST | | 0.50K | Thunderstorm Wind (EG 57 kt) |
| | 07/25/10 14:24 EST | | 0 | Source: Amateur Radio |
| A tree one foot diameter was down at the 6100 Block of Selvan Road in Bethesda. | | | | |
| MONTGOMERY COUNTY --- 0.6 W LUXMANOR [39.05, -77.13] | | | | |
| | 07/25/10 14:24 EST | | 20K | Thunderstorm Wind (MG 57 kt) |
| | 07/25/10 14:24 EST | | 0 | Source: Broadcast Media |
| A large tree was down on a house along Danville Court. | | | | |
| MONTGOMERY COUNTY --- 1.6 NNW GLENMONT [39.09, -77.08] | | | | |
| | 07/25/10 14:24 EST | | 2K | Thunderstorm Wind (EG 61 kt) |
| | 07/25/10 14:24 EST | | 0 | Source: Amateur Radio |
| Trees were down near Aspen Hill. | | | | |
| MONTGOMERY COUNTY --- 0.9 NW LAYHILL [39.09, -77.06] | | | | |
| | 07/25/10 14:25 EST | | 5K | Thunderstorm Wind (EG 61 kt) |
| | 07/25/10 14:25 EST | | 0 | Source: Trained Spotter |
| Trees twelve inches in diameter were down along Connecticut Avenue between Aspen Hill and Viers Mill Road. | | | | |
| MONTGOMERY COUNTY --- 1.0 S PARKWOOD [39.01, -77.08] | | | | |
| | 07/25/10 14:27 EST | | 3K | Thunderstorm Wind (EG 57 kt) |
| | 07/25/10 14:27 EST | | 0 | Source: Broadcast Media |
| Trees were blocking the exit off the Capital Beltway onto Connecticut Avenue. | | | | |
| MONTGOMERY COUNTY --- 0.6 ESE KEMP MILL [39.03, -77.01] | | | | |
| | 07/25/10 14:29 EST | | 1K | Thunderstorm Wind (EG 57 kt) |
| | 07/25/10 14:29 EST | | 0 | Source: Broadcast Media |
| U.S. 29 was closed at Southwood Avenue due to a downed tree. | | | | |
| MONTGOMERY COUNTY --- 0.9 SW HOLLYWOOD PARK [39.06, -77.01] | | | | |
| | 07/25/10 14:29 EST | | 0 | Thunderstorm Wind (MG 57 kt) |
| | 07/25/10 14:29 EST | | 0 | Source: Mesonet |
| A wind gust of 66 mph was reported near White Oak. | | | | |
| MONTGOMERY COUNTY --- 1.6 SSW NORTHWEST PARK [39.00, -77.00] | | | | |
| | 07/25/10 14:29 EST | | 1K | Thunderstorm Wind (EG 57 kt) |
| | 07/25/10 14:29 EST | | 0 | Source: Broadcast Media |
| A tree six inches in diameter was down across the intersection of Route 193 and 320. | | | | |
| MONTGOMERY COUNTY --- 1.0 SE HOLLYWOOD PARK [39.06, -76.99] | | | | |
| | 07/25/10 14:30 EST | | 2K | Thunderstorm Wind (EG 61 kt) |
| | 07/25/10 14:30 EST | | 0 | Source: Public |
| Numerous trees were damaged with some wires down. Wind speeds were estimated around 70 mph. | | | | |
| MONTGOMERY COUNTY --- 1.4 ESE GEORGETOWN JCT [39.00, -77.02] | | | | |
| | 07/25/10 14:30 EST | | 0 | Thunderstorm Wind (EG 57 kt) |
| | 07/25/10 14:30 EST | | 0 | Source: Trained Spotter |
| A concrete grounded fence was blown down on Fenton Street between Wayne Avenue and Bonifant Avenue. | | | | |

Storm Data and Unusual Weather Phenomena - July 2010

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|--|--------------------|-------------------|---------------------|--------------------------------|
| <hr/> | | | | |
| PRINCE GEORGE'S COUNTY --- 1.3 NNW BRANCHVILLE [39.02, -76.94] | 07/25/10 14:30 EST | | 2K | Thunderstorm Wind (EG 61 kt) |
| | 07/25/10 14:30 EST | | 0 | Source: Trained Spotter |
| A tree was down over the road and several branches were down. | | | | |
| <hr/> | | | | |
| MONTGOMERY COUNTY --- 0.8 SSW BURTONSVILLE [39.09, -76.94] | 07/25/10 14:33 EST | | 3K | Thunderstorm Wind (EG 57 kt) |
| | 07/25/10 14:33 EST | | 0 | Source: Public |
| Trees were uprooted in the GreenCastle Lakes subdivision. | | | | |
| <hr/> | | | | |
| PRINCE GEORGE'S COUNTY --- 1.3 SW BELTSVILLE [39.02, -76.92] | 07/25/10 14:33 EST | | 10K | Thunderstorm Wind (EG 61 kt) |
| | 07/25/10 14:33 EST | | 0 | Source: Fire Department/Rescue |
| A tree fell down onto a minivan along Rhode Island Avenue and Odessa Road. | | | | |
| <hr/> | | | | |
| PRINCE GEORGE'S COUNTY --- 1.1 NNW BRANCHVILLE [39.01, -76.94] | 07/25/10 14:34 EST | | 30K | Thunderstorm Wind (EG 70 kt) |
| | 07/25/10 14:34 EST | | 0 | Source: Fire Department/Rescue |
| Six buildings at an apartment complex received roof damage, including partial and complete removal of roofs. | | | | |
| <hr/> | | | | |
| PRINCE GEORGE'S COUNTY --- 2.1 SSW CALVERTON [39.04, -76.94] | 07/25/10 14:34 EST | | 0 | Thunderstorm Wind (EG 57 kt) |
| | 07/25/10 14:34 EST | | 0 | Source: Trained Spotter |
| Two heavy wooden benches were blown into a parking lot. | | | | |
| <hr/> | | | | |
| PRINCE GEORGE'S COUNTY --- 1.0 WSW BELTSVILLE [39.03, -76.92] | 07/25/10 14:36 EST | | 5K | Thunderstorm Wind (EG 61 kt) |
| | 07/25/10 14:36 EST | | 0 | Source: Trained Spotter |
| A tree fell onto a car. | | | | |
| <hr/> | | | | |
| PRINCE GEORGE'S COUNTY --- 1.3 WNW GREENBELT [39.01, -76.90] | 07/25/10 14:36 EST | | 30K | Thunderstorm Wind (EG 70 kt) |
| | 07/25/10 14:36 EST | | 0 | Source: Trained Spotter |
| Ten buildings at an apartment complex sustained substantial roof damage. | | | | |
| <hr/> | | | | |
| PRINCE GEORGE'S COUNTY --- 0.3 W GREENBELT [39.00, -76.88] | 07/25/10 14:38 EST | | 20K | Thunderstorm Wind (EG 61 kt) |
| | 07/25/10 14:38 EST | | 0 | Source: Public |
| Large trees were down and a small shed was destroyed. Shingles were also removed from a roof near Greenbelt. | | | | |
| <hr/> | | | | |
| ANNE ARUNDEL COUNTY --- 1.3 NNE TIPTON AAF ARPT [39.10, -76.76] | 07/25/10 14:41 EST | | 5K | Thunderstorm Wind (EG 57 kt) |
| | 07/25/10 14:41 EST | | 0 | Source: Trained Spotter |
| Several trees twelve inches in diameter were down along Mapes Road and Obrien Road. | | | | |
| <hr/> | | | | |
| ANNE ARUNDEL COUNTY --- 2.0 NNE (FME)TIPTON AAF FT M [39.10, -76.74] | 07/25/10 14:42 EST | | 3K | Thunderstorm Wind (EG 52 kt) |
| | 07/25/10 14:42 EST | | 0 | Source: Trained Spotter |
| Several trees of four to five inches in diameter were down along English Avenue and McKay Street. | | | | |
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| ANNE ARUNDEL COUNTY --- 2.1 NE TIPTON AAF ARPT [39.10, -76.74] | | | | |

Storm Data and Unusual Weather Phenomena - July 2010

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|---|--------------------|-------------------|---------------------|------------------------------|
| | 07/25/10 14:42 EST | | 4K | Thunderstorm Wind (EG 52 kt) |
| | 07/25/10 14:42 EST | | 0 | Source: Trained Spotter |
| Several trees six to eight inches in diameter were down along Mapes Road and Cooper Avenue. | | | | |
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| PRINCE GEORGE'S COUNTY --- 0.9 SW ARUNDEL [39.02, -76.76] | | | | |
| | 07/25/10 14:49 EST | | 0 | Thunderstorm Wind (MG 52 kt) |
| | 07/25/10 14:49 EST | | 0 | Source: Mesonet |
| A wind gust of 60 mph was reported near Glenn Dale. | | | | |
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| PRINCE GEORGE'S COUNTY --- 1.9 E COLLINGTON [38.97, -76.73] | | | | |
| | 07/25/10 14:49 EST | | 5K | Thunderstorm Wind (EG 61 kt) |
| | 07/25/10 14:49 EST | | 0 | Source: Trained Spotter |
| Several large trees were down in the vicinity of Stoneybrook Road and Superior Road. | | | | |
| <hr/> | | | | |
| PRINCE GEORGE'S COUNTY --- 1.2 NE COLLINGTON [38.98, -76.76] | | | | |
| | 07/25/10 14:50 EST | | 1K | Thunderstorm Wind (EG 61 kt) |
| | 07/25/10 14:50 EST | | 0 | Source: Trained Spotter |
| A tree twenty inches in diameter fell along Old Chapel Road and Waldorf Way. | | | | |
| <hr/> | | | | |
| PRINCE GEORGE'S COUNTY --- 2.3 ESE COLLINGTON [38.95, -76.73] | | | | |
| | 07/25/10 14:50 EST | | 0 | Thunderstorm Wind (EG 65 kt) |
| | 07/25/10 14:50 EST | | 0 | Source: Trained Spotter |
| Numerous branches were down near Bowie. A large Gazebo was also blown across a yard. | | | | |
| <hr/> | | | | |
| ANNE ARUNDEL COUNTY --- 1.0 SW HERALD HARBOR [39.04, -76.58] | | | | |
| | 07/25/10 14:56 EST | | 10K | Thunderstorm Wind (EG 57 kt) |
| | 07/25/10 14:56 EST | | 0 | Source: Trained Spotter |
| A tree fell into a house along River Road and Palisades Boulevard. | | | | |
| <hr/> | | | | |
| ANNE ARUNDEL COUNTY --- 1.6 NNE ARNOLD [39.05, -76.49] | | | | |
| | 07/25/10 14:58 EST | | 1K | Thunderstorm Wind (EG 57 kt) |
| | 07/25/10 14:58 EST | | 0 | Source: Trained Spotter |
| A tree twelve inches in diameter was down at the intersection of Morning Dove Road and Tern Wing Road. | | | | |
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| ANNE ARUNDEL COUNTY --- 0.4 SE WEST ANNAPOLIS [38.98, -76.49] | | | | |
| | 07/25/10 14:59 EST | | 0 | Thunderstorm Wind (MG 54 kt) |
| | 07/25/10 14:59 EST | | 0 | Source: ASOS |
| A wind gust of 62 mph was recorded at Annapolis. | | | | |
| <hr/> | | | | |
| ANNE ARUNDEL COUNTY --- 0.5 S BAY RIDGE [38.92, -76.45] | | | | |
| | 07/25/10 14:59 EST | 1 | 0 | Lightning |
| | 07/25/10 14:59 EST | | 0 | Source: Newspaper |
| A fatality occurred due to lightning about a half mile south of the Bay Bridge. A man was struck by lightning while riding on jet skis. | | | | |
| Direct Fatalities: M65IW | | | | |
| <hr/> | | | | |
| ANNE ARUNDEL COUNTY --- 1.6 S ST MARGARETS [39.01, -76.47] | | | | |
| | 07/25/10 14:59 EST | | 5K | Thunderstorm Wind (EG 61 kt) |
| | 07/25/10 14:59 EST | | 0 | Source: Trained Spotter |
| A branch ten inches in diameter fell onto a house. | | | | |
| <hr/> | | | | |
| ANNE ARUNDEL COUNTY --- 1.1 W CAPE ST CLAIRE [39.03, -76.44] | | | | |

Storm Data and Unusual Weather Phenomena - July 2010

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|---|--------------------|-------------------|---------------------|--------------------------------|
| | 07/25/10 15:01 EST | | 5K | Thunderstorm Wind (EG 61 kt) |
| | 07/25/10 15:01 EST | | 0 | Source: Trained Spotter |
| Numerous trees were down near Cape St. Claire. | | | | |
| <hr/> | | | | |
| ANNE ARUNDEL COUNTY --- 0.5 W NAVAL ACADEMY [38.98, -76.49] | 07/25/10 15:04 EST | | 0 | Thunderstorm Wind (MG 52 kt) |
| | 07/25/10 15:04 EST | | 0 | Source: Mesonet |
| A wind gust of 60 mph was recorded near Eastport. | | | | |
| <hr/> | | | | |
| CHARLES COUNTY --- 0.9 E WALDORF [38.63, -76.90] | 07/25/10 15:17 EST | | 1K | Thunderstorm Wind (EG 52 kt) |
| | 07/25/10 15:17 EST | | 0 | Source: Fire Department/Rescue |
| A tree was down along the intersection of Old Washington Road and Oak Manor Road. | | | | |
| <hr/> | | | | |
| CHARLES COUNTY --- 1.8 NNE POMFRET [38.60, -77.02] | 07/25/10 15:18 EST | | 2K | Thunderstorm Wind (EG 52 kt) |
| | 07/25/10 15:18 EST | | 0 | Source: Fire Department/Rescue |
| A tree was down on Bensville Road and another tree was down between Billingsley Road and Robie Manor Drive. | | | | |
| <hr/> | | | | |
| CHARLES COUNTY --- 1.1 ESE INDIAN HD MRYLND ARP [38.59, -77.05] | 07/25/10 15:22 EST | | 1K | Thunderstorm Wind (EG 52 kt) |
| | 07/25/10 15:22 EST | | 0 | Source: Fire Department/Rescue |
| A tree was down on Pomfret Road. | | | | |
| <hr/> | | | | |
| CHARLES COUNTY --- 1.1 N NANJEMOY ARPT [38.49, -77.25] | 07/25/10 15:25 EST | | 3K | Thunderstorm Wind (EG 57 kt) |
| | 07/25/10 15:25 EST | | 0 | Source: Fire Department/Rescue |
| Trees and wires were down near Sandy Point Road and Eagle Pond Place. | | | | |
| <hr/> | | | | |
| CHARLES COUNTY --- 1.8 SW POMFRET [38.57, -77.06] | 07/25/10 15:25 EST | | 1K | Thunderstorm Wind (EG 57 kt) |
| | 07/25/10 15:25 EST | | 0 | Source: Fire Department/Rescue |
| A tree was down near Bumpy Oak Road and Gwynn Road. | | | | |
| <hr/> | | | | |
| CHARLES COUNTY --- 1.4 NNW WELCOME [38.50, -77.11] | 07/25/10 15:28 EST | | 1K | Thunderstorm Wind (EG 57 kt) |
| | 07/25/10 15:28 EST | | 0 | Source: Fire Department/Rescue |
| A tree was down on Fire Tower Road. | | | | |
| <hr/> | | | | |
| CHARLES COUNTY --- 0.5 E LA PLATA [38.53, -76.97] | 07/25/10 15:32 EST | | 1K | Thunderstorm Wind (EG 57 kt) |
| | 07/25/10 15:32 EST | | 0 | Source: Fire Department/Rescue |
| A tree was down on Somerset Street. | | | | |
| <hr/> | | | | |
| CHARLES COUNTY --- 1.1 S MC CONCHIE [38.48, -77.07] | 07/25/10 15:32 EST | | 1K | Thunderstorm Wind (EG 57 kt) |
| | 07/25/10 15:32 EST | | 0 | Source: Fire Department/Rescue |
| A tree was down on Blossom Point Road. | | | | |
| <hr/> | | | | |
| CHARLES COUNTY --- 0.4 ESE BEL ALTON [38.47, -76.97] | 07/25/10 15:35 EST | | 1K | Thunderstorm Wind (EG 57 kt) |
| | 07/25/10 15:35 EST | | 0 | Source: Fire Department/Rescue |

Storm Data and Unusual Weather Phenomena - July 2010

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

A tree was down on Bel Alton Newton Road.

A strong upper-level disturbance and its associated cold front moved into Maryland on the 25th. Hot and humid conditions ahead of the front led to high amounts of instability. Showers and thunderstorms developed along and ahead of the cold front. Due to the high amounts of instability, thunderstorms were able to mix down strong winds from aloft causing significant amounts of damage across portions of Maryland.

FREDERICK COUNTY --- 1.3 W BUCKEYSTOWN [39.33, -77.45]

| | | | | |
|--|--------------------|--|----|------------------------------|
| | 07/29/10 11:26 EST | | 3K | Thunderstorm Wind (EG 50 kt) |
| | 07/29/10 11:26 EST | | 0 | Source: NWS Storm Survey |

Several trees were down near Buckeystown.

MONTGOMERY COUNTY --- 0.1 SW BUCK LODGE [39.20, -77.33]

| | | | | |
|--|--------------------|--|----|------------------------------|
| | 07/29/10 11:48 EST | | 5K | Thunderstorm Wind (EG 52 kt) |
| | 07/29/10 11:48 EST | | 0 | Source: NWS Employee |

Several Locus and Pine trees were snapped or uprooted.

MONTGOMERY COUNTY --- 0.9 SSE LAYTONSVILLE [39.21, -77.14]

| | | | | |
|--|--------------------|--|----|--------------------------------|
| | 07/29/10 11:55 EST | | 3K | Thunderstorm Wind (EG 57 kt) |
| | 07/29/10 11:55 EST | | 0 | Source: Fire Department/Rescue |

Trees and wires were down in Laytonsville.

MONTGOMERY COUNTY --- 1.4 ENE LAYTONSVILLE [39.23, -77.13]

| | | | | |
|--|--------------------|--|----|--------------------------------|
| | 07/29/10 11:57 EST | | 3K | Thunderstorm Wind (EG 61 kt) |
| | 07/29/10 11:57 EST | | 0 | Source: Fire Department/Rescue |

Hardwood and softwood trees were dnapped. Large Limbs were also down near Greenberry Drive and Griffith Road.

MONTGOMERY COUNTY --- 0.2 WNW ROCKVILLE [39.08, -77.15]

| | | | | |
|--|--------------------|--|----|------------------------------|
| | 07/29/10 12:15 EST | | 5K | Thunderstorm Wind (EG 52 kt) |
| | 07/29/10 12:15 EST | | 0 | Source: Emergency Manager |

Trees and wires were down in Rockville.

MONTGOMERY COUNTY --- GEORGETOWN JCT [39.00, -77.05]

| | | | | |
|--|--------------------|--|----|--------------------------------|
| | 07/29/10 12:22 EST | | 1K | Thunderstorm Wind (EG 50 kt) |
| | 07/29/10 12:22 EST | | 0 | Source: Fire Department/Rescue |

A tree was down over the Metro.

BALTIMORE CITY (C) COUNTY --- 0.5 E BALTIMORE [39.30, -76.61]

| | | | | |
|--|--------------------|--|----|--------------------------------|
| | 07/29/10 12:25 EST | | 7K | Thunderstorm Wind (EG 52 kt) |
| | 07/29/10 12:25 EST | | 0 | Source: Fire Department/Rescue |

Five to ten trees were down in Baltimore.

BALTIMORE CITY (C) COUNTY --- 1.1 W ARLINGTON [39.33, -76.70]

| | | | | |
|--|--------------------|--|-------|--------------------------------|
| | 07/29/10 15:06 EST | | 1.50K | Thunderstorm Wind (EG 52 kt) |
| | 07/29/10 15:06 EST | | 0 | Source: Fire Department/Rescue |

Two trees were down in Gwynn Oak.

A cold front passed through Maryland on the 29th triggering showers and thunderstorms. Warm and humid conditions ahead of the front led to moderate amounts of instability. Some thunderstorms became severe due to the instability along with strong winds aloft.

BALTIMORE COUNTY --- 2.1 E BALTIMORE HIGHLANDS [39.23, -76.61], 2.0 E BALTIMORE HIGHLANDS [39.23, -76.61], 2.0 E BALTIMORE HIGHLANDS [39.23, -76.61]

| | | | | |
|--|--------------------|--|---|---------------------------------|
| | 07/29/10 13:10 EST | | 0 | Flash Flood (due to Heavy Rain) |
| | 07/29/10 14:00 EST | | 0 | Source: Trained Spotter |

Storm Data and Unusual Weather Phenomena - July 2010

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|--|--------------------|-------------------|---------------------|---------------------------------|
| Childs Street at Franklin Street had 6 inches of flowing water on it. A mesonet station recorded 1.30 inches of rain in the area. | | | | |
| BALTIMORE COUNTY --- 2.2 SW SPARROWS PT [39.25, -76.61], 2.3 SW SPARROWS PT [39.25, -76.61], 2.3 SW SPARROWS PT [39.25, -76.62], 2.2 SW SPARROWS PT [39.25, -76.61] | | | | |
| | 07/29/10 13:13 EST | | 0 | Flash Flood (due to Heavy Rain) |
| | 07/29/10 14:00 EST | | 0 | Source: Trained Spotter |

Hanover Street at Harbor View Hospital was reported impassable due to high water. A spotter in the area measured 1.01 inches of rain.

| | | | | |
|--|--------------------|--|---|---------------------------------|
| MONTGOMERY COUNTY --- 0.9 NE RANDOLPH HILLS [39.09, -77.12], 0.8 NNE RANDOLPH HILLS [39.09, -77.12], 1.0 NNE RANDOLPH HILLS [39.09, -77.13], 1.1 NNE RANDOLPH HILLS [39.09, -77.12] | | | | |
| | 07/29/10 15:05 EST | | 0 | Flash Flood (due to Heavy Rain) |
| | 07/29/10 16:00 EST | | 0 | Source: Emergency Manager |

Maryland Route 28 was closed at Avery Road due to flooding. A spotter in the region observed 0.83 inches of rain.

A cold front passed through Maryland on the 29th triggering showers and thunderstorms. Some of these thunderstorms produced locally heavy rainfall in a very brief period of time, triggering flash flooding in some urban areas.

VIRGINIA, North

| | | | | |
|---|--------------------|--|-------|--------------------------------|
| AUGUSTA COUNTY --- 0.8 SSW BURKETOWN [38.29, -78.94] | | | | |
| | 07/08/10 22:00 EST | | 0.50K | Thunderstorm Wind (EG 50 kt) |
| | 07/08/10 22:00 EST | | 0 | Source: Fire Department/Rescue |

A tree was down on the 4000 Block of Lee Highway.

An upper-level low centered over the western Atlantic combined with a backdoor cold front to trigger showers and thunderstorms across portions of central Virginia. An isolated thunderstorm did produce damaging winds.

| | | | | |
|---|--------------------|--|-------|--------------------------------|
| AUGUSTA COUNTY --- 0.7 NNW SANGERVILLE [38.39, -79.08] | | | | |
| | 07/09/10 15:29 EST | | 0.50K | Thunderstorm Wind (EG 50 kt) |
| | 07/09/10 15:29 EST | | 0 | Source: Fire Department/Rescue |

A tree was down on Wolf Ridge Road.

An upper-level low remained over central Virginia along with a stationary boundary at the surface. The two features combined with plenty of low-level moisture to trigger showers and thunderstorms. An isolated thunderstorm did produce damaging winds.

| | | | | |
|--|--------------------|--|---|---------------------------------|
| FAIRFAX COUNTY --- 1.4 S TREMONT [38.83, -77.22], 1.4 S TREMONT [38.83, -77.22], 1.3 N RAVENSWORTH [38.82, -77.22], 1.4 N RAVENSWORTH [38.82, -77.22] | | | | |
| | 07/14/10 00:15 EST | | 0 | Flash Flood (due to Heavy Rain) |
| | 07/14/10 01:15 EST | | 0 | Source: Broadcast Media |

The left lane of the inner loop of the Capital Beltway was closed due to deep standing water from Little Accotink Creek overflowing its banks. Trained spotter in the region measured 2.26 inches of rain.

A surface trough combined with an upper-level disturbance to trigger showers and thunderstorms over the area overnight on the 13th into the morning of the 14th. With ground already saturated from numerous rounds of rainfall over the past few days, heavy downpours from thunderstorms created flash flooding the Virginia suburbs of the Washington metropolitan area.

| | | | | |
|---|--------------------|--|----|--------------------------------|
| FREDERICKSBURG (C) COUNTY --- 0.9 W FREDERICKSBURG [38.30, -77.49] | | | | |
| | 07/16/10 17:53 EST | | 3K | Thunderstorm Wind (EG 50 kt) |
| | 07/16/10 17:53 EST | | 0 | Source: Fire Department/Rescue |

Trees were down on seven streets around the city of Fredericksburg.

High pressure over the western Atlantic pumped in plenty of warm and humid air over the region during the 16th. A weak upper-level disturbance in the zonal flow aloft triggered showers and thunderstorms across portions of central Virginia. An isolated thunderstorm produced damaging winds.

| | | | | |
|---|--|--|--|--|
| ROCKINGHAM COUNTY --- 0.2 WSW LINVILLE [38.52, -78.83] | | | | |
|---|--|--|--|--|

Storm Data and Unusual Weather Phenomena - July 2010

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|---|--------------------|-------------------|---------------------|------------------------------|
| | 07/17/10 11:30 EST | | 0.50K | Thunderstorm Wind (EG 52 kt) |
| | 07/17/10 11:30 EST | | 0 | Source: Public |
| A tree was down on State Route 7724 in Linville. | | | | |
| <hr/> | | | | |
| ROCKINGHAM COUNTY --- 0.5 WSW LINVILLE [38.52, -78.84] | | | | |
| | 07/17/10 11:30 EST | | 1.50K | Thunderstorm Wind (EG 52 kt) |
| | 07/17/10 11:30 EST | | 0 | Source: Public |
| A tree was blown down in the Linville Area. Several other large limbs were broken. | | | | |
| <hr/> | | | | |
| ROCKINGHAM COUNTY --- 0.9 SW LINVILLE [38.51, -78.84] | | | | |
| | 07/17/10 11:31 EST | | 1K | Thunderstorm Wind (EG 52 kt) |
| | 07/17/10 11:31 EST | | 0 | Source: Public |
| Large limbs were down near Linville. | | | | |
| <hr/> | | | | |
| ROCKINGHAM COUNTY --- 1.1 SSW LINVILLE [38.50, -78.84] | | | | |
| | 07/17/10 11:31 EST | | 0.50K | Thunderstorm Wind (EG 50 kt) |
| | 07/17/10 11:31 EST | | 0 | Source: Public |
| A large limb was down across Indian Ridge Lane. | | | | |
| <p>High pressure over the western Atlantic was responsible for a hot and humid air mass in place. An upper-level disturbance in the zonal flow triggered showers and thunderstorms across portions of Virginia. Moderate amounts of instability due to the hot and humid air mass caused some thunderstorms to produce damaging winds.</p> | | | | |
| <hr/> | | | | |
| LOUDOUN COUNTY --- 0.2 WNW ARCOLA [38.95, -77.53] | | | | |
| | 07/19/10 16:44 EST | | 2K | Thunderstorm Wind (EG 52 kt) |
| | 07/19/10 16:44 EST | | 0 | Source: Trained Spotter |
| Trees were down along Gum Springs Road at Evergreen Mills Road. | | | | |
| <hr/> | | | | |
| LOUDOUN COUNTY --- 2.6 S RYAN [38.98, -77.48] | | | | |
| | 07/19/10 16:48 EST | | 0.50K | Thunderstorm Wind (EG 52 kt) |
| | 07/19/10 16:48 EST | | 0 | Source: NWS Employee |
| A pine tree was uprooted just east of Thunder Road on the north side of Route 606. | | | | |
| <hr/> | | | | |
| LOUDOUN COUNTY --- 0.5 SE PLEASANT VLY [38.92, -77.47] | | | | |
| | 07/19/10 16:50 EST | | 0 | Thunderstorm Wind (EG 50 kt) |
| | 07/19/10 16:50 EST | | 0 | Source: Public |
| A mariner estimated wind gusts around 50 knots on Pleasant Valley Road. | | | | |
| <p>A surface trough remained over Virginia while a series of upper-level disturbances passed through in a zonal flow aloft. Hot and humid conditions led to moderate amounts of instability. Some thunderstorms that developed were able to produce damaging winds due to the instability.</p> | | | | |
| <hr/> | | | | |
| FREDERICK COUNTY --- 0.7 ENE HAYFIELD [39.24, -78.29] | | | | |
| | 07/25/10 13:14 EST | | 1K | Thunderstorm Wind (EG 61 kt) |
| | 07/25/10 13:14 EST | | 0 | Source: Trained Spotter |
| There was minor damage to shingles on a roof along Hayfield Road. | | | | |
| <hr/> | | | | |
| WINCHESTER (C) COUNTY --- 3.1 N WINCHESTER [39.17, -78.17] | | | | |
| | 07/25/10 13:20 EST | | 10K | Thunderstorm Wind (EG 61 kt) |
| | 07/25/10 13:20 EST | | 0 | Source: Trained Spotter |
| Numerous trees and power lines were down. Portions of Interstate 81 were not passable due to the downed trees and power lines. | | | | |
| <hr/> | | | | |
| WINCHESTER (C) COUNTY --- 3.3 N WINCHESTER [39.18, -78.17] | | | | |

Storm Data and Unusual Weather Phenomena - July 2010

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|---|--------------------|-------------------|---------------------|------------------------------|
| | 07/25/10 13:20 EST | | 2K | Thunderstorm Wind (EG 61 kt) |
| | 07/25/10 13:20 EST | | 0 | Source: Trained Spotter |
| Large branches were down along Opequon Avenue. | | | | |
| <hr/> | | | | |
| FREDERICK COUNTY --- 0.6 SSW ALBIN [39.21, -78.18] | | | | |
| | 07/25/10 13:21 EST | | 3K | Thunderstorm Wind (EG 61 kt) |
| | 07/25/10 13:21 EST | | 0 | Source: Trained Spotter |
| Numerous large branches were down along with the main stem of a large tree. | | | | |
| <hr/> | | | | |
| FREDERICK COUNTY --- 0.3 ENE STEPHENS CITY [39.08, -78.22] | | | | |
| | 07/25/10 13:23 EST | | 1K | Thunderstorm Wind (EG 55 kt) |
| | 07/25/10 13:23 EST | | 0 | Source: Trained Spotter |
| Large branches were down near Stephens City. | | | | |
| <hr/> | | | | |
| FREDERICK COUNTY --- 1.0 SW WHITE HALL [39.27, -78.16] | | | | |
| | 07/25/10 13:24 EST | | 15K | Thunderstorm Wind (EG 61 kt) |
| | 07/25/10 13:24 EST | | 0 | Source: Trained Spotter |
| Several large trees were down on vehicles along Apple Pie Ridge Road. | | | | |
| <hr/> | | | | |
| FREDERICK COUNTY --- 1.7 ENE BURNING KNOLLS [39.18, -78.10] | | | | |
| | 07/25/10 13:25 EST | | 10K | Thunderstorm Wind (EG 57 kt) |
| | 07/25/10 13:25 EST | | 0 | Source: Trained Spotter |
| Several large branches were down. One branch fell on a vehicle at the Valley Mills Estates. | | | | |
| <hr/> | | | | |
| FREDERICK COUNTY --- 2.7 ENE BURNING KNOLLS [39.18, -78.08] | | | | |
| | 07/25/10 13:26 EST | | 3K | Thunderstorm Wind (EG 61 kt) |
| | 07/25/10 13:26 EST | | 0 | Source: Trained Spotter |
| One tree and several large branches were down along Valley Mill road and Berryville Pike. | | | | |
| <hr/> | | | | |
| CLARKE COUNTY --- 3.2 WNW BERRYVILLE [39.17, -78.02] | | | | |
| | 07/25/10 13:28 EST | | 3K | Thunderstorm Wind (EG 57 kt) |
| | 07/25/10 13:28 EST | | 0 | Source: Trained Spotter |
| Crums Church Road at Route 7 was impassable due to large branches over the roadway. | | | | |
| <hr/> | | | | |
| CLARKE COUNTY --- 4.2 NW BERRYVILLE [39.19, -78.03] | | | | |
| | 07/25/10 13:28 EST | | 5K | Thunderstorm Wind (EG 70 kt) |
| | 07/25/10 13:28 EST | | 0 | Source: Trained Spotter |
| A Maple Tree was snapped at the base resulting in property damage near Stringtown. | | | | |
| <hr/> | | | | |
| CLARKE COUNTY --- 4.3 WNW BERRYVILLE [39.18, -78.04] | | | | |
| | 07/25/10 13:28 EST | | 4K | Thunderstorm Wind (EG 61 kt) |
| | 07/25/10 13:28 EST | | 0 | Source: Trained Spotter |
| Two large trees were down along Route 7 along with numerous large branches. | | | | |
| <hr/> | | | | |
| FREDERICK COUNTY --- 0.5 NNE CLEAR BROOK [39.26, -78.10] | | | | |
| | 07/25/10 13:28 EST | | 3K | Thunderstorm Wind (EG 70 kt) |
| | 07/25/10 13:28 EST | | 0 | Source: Trained Spotter |
| Two big Walnut Trees were uprooted along Shady Creek Road. | | | | |
| <hr/> | | | | |
| CLARKE COUNTY --- 3.2 WNW BERRYVILLE [39.17, -78.02] | | | | |
| | 07/25/10 13:29 EST | | 3K | Thunderstorm Wind (EG 57 kt) |
| | 07/25/10 13:29 EST | | 0 | Source: Trained Spotter |

Storm Data and Unusual Weather Phenomena - July 2010

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|---|--------------------|-------------------|---------------------|--------------------------------|
| Crums Church Road at Route 7 was impassable due to large branches over the roadway. | | | | |
| CLARKE COUNTY --- 0.3 NW WATERLOO [39.08, -78.08] | | | | |
| | 07/25/10 13:30 EST | | 2K | Thunderstorm Wind (EG 57 kt) |
| | 07/25/10 13:30 EST | | 0 | Source: Trained Spotter |
| A tree along with power lines and branches were down along Marsh Road and Old Charles Road. | | | | |
| CLARKE COUNTY --- 1.9 SSE SWIMLEY [39.22, -77.99] | | | | |
| | 07/25/10 13:30 EST | | 5K | Thunderstorm Wind (EG 70 kt) |
| | 07/25/10 13:30 EST | | 0 | Source: Amateur Radio |
| Numerous trees were down along roadways in the vicinity of Route 340. | | | | |
| CLARKE COUNTY --- 1.4 NW WATERLOO [39.09, -78.10] | | | | |
| | 07/25/10 13:31 EST | | 5K | Thunderstorm Wind (EG 61 kt) |
| | 07/25/10 13:31 EST | | 0 | Source: NWS Employee |
| Three Hardwood trees were uprooted by thunderstorm winds. | | | | |
| CLARKE COUNTY --- 3.7 ENE BERRYVILLE [39.18, -77.91] | | | | |
| | 07/25/10 13:37 EST | | 10K | Thunderstorm Wind (MG 65 kt) |
| | 07/25/10 13:37 EST | | 0 | Source: Public |
| Trees were uprooted and large branches were snapped along Chestnut Lane. | | | | |
| CLARKE COUNTY --- 5.0 ESE BERRYVILLE [39.12, -77.89] | | | | |
| | 07/25/10 13:38 EST | | 1.50K | Thunderstorm Wind (EG 61 kt) |
| | 07/25/10 13:38 EST | | 0 | Source: Trained Spotter |
| A tree twelve inches in diameter was down along Route 7 just east of the Shenandoah River Bridge. | | | | |
| WARREN COUNTY --- 1.3 SW ROCKLAND [38.96, -78.16] | | | | |
| | 07/25/10 13:39 EST | | 10K | Thunderstorm Wind (EG 57 kt) |
| | 07/25/10 13:39 EST | | 0 | Source: Fire Department/Rescue |
| Numerous trees were down throughout the northern half of Warren County. | | | | |
| LOUDOUN COUNTY --- 0.5 ESE HILLSBORO [39.20, -77.71] | | | | |
| | 07/25/10 13:46 EST | | 0 | Thunderstorm Wind (EG 61 kt) |
| | 07/25/10 13:46 EST | | 0 | Source: Public |
| Thunderstorm wind damage was reported by the public. The message was relayed through the broadcast media. | | | | |
| WARREN COUNTY --- 0.9 SE FRONT ROYAL [38.91, -78.17] | | | | |
| | 07/25/10 13:46 EST | | 0 | Thunderstorm Wind (MG 50 kt) |
| | 07/25/10 13:46 EST | | 0 | Source: Mesonet |
| A wind gust of 58 mph was measured near Front Royal. | | | | |
| LOUDOUN COUNTY --- 1.0 SSE PURCELLVILLE [39.14, -77.71] | | | | |
| | 07/25/10 13:47 EST | | 15K | Thunderstorm Wind (EG 57 kt) |
| | 07/25/10 13:47 EST | | 0 | Source: Fire Department/Rescue |
| There were at least thirty-five reports of large trees down throughout the Purcellville. | | | | |
| LOUDOUN COUNTY --- 0.7 WNW HAMILTON [39.13, -77.66] | | | | |
| | 07/25/10 13:50 EST | | 15K | Thunderstorm Wind (EG 57 kt) |
| | 07/25/10 13:50 EST | | 0 | Source: Fire Department/Rescue |
| There were at least thirty trees down across Hamilton. | | | | |

Storm Data and Unusual Weather Phenomena - July 2010

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|--|--------------------|-------------------|---------------------|--------------------------------|
| LOUDOUN COUNTY --- 1.9 NNE WATERFORD [39.21, -77.59] | | | | |
| | 07/25/10 13:52 EST | | 3K | Thunderstorm Wind (EG 65 kt) |
| | 07/25/10 13:52 EST | | 0 | Source: Fire Department/Rescue |
| Power lines were down and a pine tree was snapped along Loyalty Road near Clover Hill Road. | | | | |
| LOUDOUN COUNTY --- 0.7 SE RAEONIAN SPGS [39.14, -77.61] | | | | |
| | 07/25/10 13:53 EST | | 10K | Thunderstorm Wind (EG 61 kt) |
| | 07/25/10 13:53 EST | | 0 | Source: NWS Employee |
| Numerous trees and branches were down along the Washington and Old Dominion Trail. | | | | |
| LOUDOUN COUNTY --- 0.8 NW CLARKES GAP [39.14, -77.61] | | | | |
| | 07/25/10 13:53 EST | | 15K | Thunderstorm Wind (EG 65 kt) |
| | 07/25/10 13:53 EST | | 0 | Source: Fire Department/Rescue |
| A tree that was five feet in diameter fell into and damaged a house on Dry Mill Road. | | | | |
| LOUDOUN COUNTY --- 0.3 E LEESBURG [39.12, -77.54] | | | | |
| | 07/25/10 13:56 EST | | 5K | Thunderstorm Wind (EG 61 kt) |
| | 07/25/10 13:56 EST | | 0 | Source: Trained Spotter |
| Numerous trees and branches were Exeter subdivision. | | | | |
| LOUDOUN COUNTY --- 0.7 SW BELMONT [39.04, -77.51] | | | | |
| | 07/25/10 14:02 EST | | 7K | Thunderstorm Wind (EG 61 kt) |
| | 07/25/10 14:02 EST | | 0 | Source: Trained Spotter |
| Four Bradford Pear trees and several trees that were ten inches in diameter were down due to thunderstorm winds. | | | | |
| LOUDOUN COUNTY --- 0.8 S BELMONT [39.04, -77.50] | | | | |
| | 07/25/10 14:02 EST | | 3K | Thunderstorm Wind (EG 61 kt) |
| | 07/25/10 14:02 EST | | 0 | Source: Trained Spotter |
| Two mature Maple trees were snapped at the intersection of Claiborne Parkway and Crossroads Drive. | | | | |
| LOUDOUN COUNTY --- 1.1 WSW BELMONT [39.04, -77.52] | | | | |
| | 07/25/10 14:02 EST | | 15K | Thunderstorm Wind (EG 61 kt) |
| | 07/25/10 14:02 EST | | 0 | Source: Broadcast Media |
| About twenty-five trees were down in the area of Hay Road and Belmont Ridge Road. | | | | |
| LOUDOUN COUNTY --- 0.6 S ASHBURN [39.04, -77.48] | | | | |
| | 07/25/10 14:03 EST | | 0 | Thunderstorm Wind (EG 61 kt) |
| | 07/25/10 14:03 EST | | 0 | Source: Trained Spotter |
| A trained spotter estimated thunderstorm wind gusts of 70 mph. | | | | |
| FAUQUIER COUNTY --- 2.8 NE BELVOIR [38.90, -77.79] | | | | |
| | 07/25/10 14:07 EST | | 2K | Thunderstorm Wind (EG 52 kt) |
| | 07/25/10 14:07 EST | | 0 | Source: NWS Employee |
| Branches and limbs were blown down in 60 mph winds. | | | | |
| LOUDOUN COUNTY --- 0.9 ESE STERLING [39.00, -77.41] | | | | |
| | 07/25/10 14:08 EST | | 10K | Thunderstorm Wind (EG 61 kt) |
| | 07/25/10 14:08 EST | | 0 | Source: Amateur Radio |
| Numerous trees were down along Sterling Boulevard and East Staunton Avenue. | | | | |
| LOUDOUN COUNTY --- 2.9 NW BROAD RUN FARMS [39.06, -77.40] | | | | |

Storm Data and Unusual Weather Phenomena - July 2010

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|--|--------------------|-------------------|---------------------|------------------------------|
| | 07/25/10 14:08 EST | | 1.50K | Thunderstorm Wind (EG 61 kt) |
| | 07/25/10 14:08 EST | | 0 | Source: NWS Employee |
| A large Sycamore tree was uprooted near the Potomac River. | | | | |
| <hr/> | | | | |
| LOUDOUN COUNTY --- 0.1 NNE STERLING [39.00, -77.43] | | | | |
| | 07/25/10 14:09 EST | | 5K | Thunderstorm Wind (EG 61 kt) |
| | 07/25/10 14:09 EST | | 0 | Source: Trained Spotter |
| Trees were down in the Gable Square community. | | | | |
| <hr/> | | | | |
| LOUDOUN COUNTY --- 0.9 NW BROAD RUN FARMS [39.04, -77.38] | | | | |
| | 07/25/10 14:10 EST | | 5K | Thunderstorm Wind (EG 61 kt) |
| | 07/25/10 14:10 EST | | 0 | Source: Trained Spotter |
| A tree fell onto Broad Run Farms. Siding was blown off of an apartment in Ashburn Village and a light pole was blown down on Sugarland Run Road. | | | | |
| <hr/> | | | | |
| LOUDOUN COUNTY --- 1.7 NE STERLING [39.02, -77.41] | | | | |
| | 07/25/10 14:10 EST | | 0 | Thunderstorm Wind (EG 61 kt) |
| | 07/25/10 14:10 EST | | 0 | Source: Law Enforcement |
| A large tree fell onto a child walking in Claude Moore Park. The child was pronounced dead at 3:45 PM EDT. | | | | |
| <hr/> | | | | |
| LOUDOUN COUNTY --- 2.1 E STERLING [39.00, -77.39] | | | | |
| | 07/25/10 14:10 EST | | 2K | Thunderstorm Wind (EG 57 kt) |
| | 07/25/10 14:10 EST | | 0 | Source: Trained Spotter |
| NA tree was down at the intersection of Lincoln Avenue and East Holley Avenue. Several small limbs were also down in this area. | | | | |
| <hr/> | | | | |
| LOUDOUN COUNTY --- 1.8 NE STERLING [39.02, -77.40] | | | | |
| | 07/25/10 14:12 EST | | 7K | Thunderstorm Wind (EG 61 kt) |
| | 07/25/10 14:12 EST | | 0 | Source: Trained Spotter |
| Several large trees were down near Sterling Park. | | | | |
| <hr/> | | | | |
| FAIRFAX COUNTY --- 2.0 NW RESTON [38.99, -77.33] | | | | |
| | 07/25/10 14:13 EST | | 5K | Thunderstorm Wind (EG 52 kt) |
| | 07/25/10 14:13 EST | | 0 | Source: NWS Employee |
| Several branches were down along Route 7. Some of the branches were ten inches in diameter. | | | | |
| <hr/> | | | | |
| FAIRFAX COUNTY --- 0.6 N HERNDON [38.98, -77.38] | | | | |
| | 07/25/10 14:14 EST | | 5K | Thunderstorm Wind (EG 61 kt) |
| | 07/25/10 14:14 EST | | 0 | Source: NWS Employee |
| A large Oak Tree was blown down near Herndon. Large limbs were also down around the neighborhood at Monroe and 2nd Street. | | | | |
| <hr/> | | | | |
| LOUDOUN COUNTY --- 0.9 SW BROAD RUN FARMS [39.02, -77.38] | | | | |
| | 07/25/10 14:14 EST | | 0 | Thunderstorm Wind (MG 50 kt) |
| | 07/25/10 14:14 EST | | 0 | Source: Mesonet |
| A wind gust of 58 mph was measured near Sterling Park. | | | | |
| <hr/> | | | | |
| FAIRFAX COUNTY --- 0.7 N SUNSET HILLS [38.96, -77.35] | | | | |
| | 07/25/10 14:19 EST | | 0 | Thunderstorm Wind (MG 65 kt) |
| | 07/25/10 14:19 EST | | 0 | Source: Mesonet |
| A wind gust of 75 mph was reported near Reston. | | | | |
| <hr/> | | | | |
| FAIRFAX COUNTY --- 0.5 N BELVEDERE [38.86, -77.18] | | | | |
| | 07/25/10 14:28 EST | | 5K | Thunderstorm Wind (EG 50 kt) |
| | 07/25/10 14:28 EST | | 0 | Source: Mesonet |

Storm Data and Unusual Weather Phenomena - July 2010

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|---|--------------------|-------------------|---------------------|--------------------------------|
| A tree fell and knocked power lines down along Beechtree Lane at Annandale Road. | | | | |
| A strong upper-level disturbance and its associated cold front moved into Virginia on the 25th. Hot and humid conditions ahead of the front led to high amounts of instability. Showers and thunderstorms developed along and ahead of the cold front. Due to the high amounts of instability, thunderstorms were able to mix down strong winds from aloft causing significant amounts of damage across portions of Virginia. | | | | |
| AUGUSTA COUNTY --- 0.1 SSE FISHERSVILLE [38.10, -78.97] | | | | |
| | 07/29/10 14:09 EST | | 5K | Thunderstorm Wind (EG 50 kt) |
| | 07/29/10 14:09 EST | | 0 | Source: Fire Department/Rescue |
| Trees and wires were down in Fisherville. | | | | |
| AUGUSTA COUNTY --- 0.4 SE STUARTS DRAFT [38.03, -79.02] | | | | |
| | 07/29/10 14:29 EST | | 3K | Thunderstorm Wind (EG 50 kt) |
| | 07/29/10 14:29 EST | | 0 | Source: Fire Department/Rescue |
| Trees were down in Stuarts Draft. | | | | |
| WAYNESBORO (C) COUNTY --- 0.8 WSW WAYNESBORO [38.06, -78.89] | | | | |
| | 07/29/10 14:31 EST | | 5K | Thunderstorm Wind (EG 50 kt) |
| | 07/29/10 14:31 EST | | 0 | Source: Newspaper |
| A tree was blown onto a house along Chesnut Avenue. | | | | |
| ALBEMARLE COUNTY --- 1.9 WSW NORTH GARDEN [37.92, -78.68] | | | | |
| | 07/29/10 15:00 EST | | 2K | Thunderstorm Wind (EG 57 kt) |
| | 07/29/10 15:00 EST | | 0 | Source: Public |
| Large limbs were blown down in thunderstorm winds near Colesville. | | | | |
| ALBEMARLE COUNTY --- 2.4 NE COVESVILLE [37.91, -78.69] | | | | |
| | 07/29/10 15:01 EST | | 2K | Thunderstorm Wind (EG 52 kt) |
| | 07/29/10 15:01 EST | | 0 | Source: Public |
| Large limbs over six inches in diameter were blown down in thunderstorm winds near Colesville. | | | | |
| NELSON COUNTY --- 0.7 E FABER [37.83, -78.74] | | | | |
| | 07/29/10 15:02 EST | | 0 | Thunderstorm Wind (EG 52 kt) |
| | 07/29/10 15:02 EST | | 0 | Source: Fire Department/Rescue |
| Trees were down in Faber. | | | | |
| NELSON COUNTY --- 0.9 N SCHUYLER [37.79, -78.70] | | | | |
| | 07/29/10 15:10 EST | | 1K | Thunderstorm Wind (EG 52 kt) |
| | 07/29/10 15:10 EST | | 0 | Source: Fire Department/Rescue |
| A tree was down in Schuyler. | | | | |
| A cold front passed through Virginia on the 29th triggering showers and thunderstorms. Warm and humid conditions ahead of the front led to moderate amounts of instability. Some thunderstorms became severe due to the instability along with strong winds aloft. | | | | |
| WEST VIRGINIA, East | | | | |
| PENDLETON COUNTY --- 2.0 NE BRANDYWINE [38.64, -79.22] | | | | |
| | 07/17/10 10:53 EST | | 0 | Thunderstorm Wind (EG 52 kt) |
| | 07/17/10 10:53 EST | | 0 | Source: Public |
| Wind gusts were estimated up to 60 mph in a thunderstorm near Oak Flat. | | | | |
| High pressure over the western Atlantic was responsible for a hot and humid air mass in place. An upper-level disturbance in the zonal | | | | |

Storm Data and Unusual Weather Phenomena - July 2010

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|----------|-----------|-------------------|---------------------|------------------------|
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flow triggered showers and thunderstorms across portions of West Virginia. Moderate amounts of instability due to the hot and humid air mass caused an isolated thunderstorm to produce damaging winds.

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|---|--------------------|--|----|--------------------------------|
| HAMPSHIRE COUNTY --- 0.7 NNW WEST ROMNEY [39.34, -78.78] | 07/25/10 12:45 EST | | 2K | Thunderstorm Wind (EG 57 kt) |
| | 07/25/10 12:45 EST | | 0 | Source: Fire Department/Rescue |

Trees were down on route 50 near the Potomac River.

| | | | | |
|--|--------------------|--|----|------------------------------|
| HAMPSHIRE COUNTY --- 0.8 ENE YELLOW SPG [39.18, -78.51] | 07/25/10 13:05 EST | | 3K | Thunderstorm Wind (EG 57 kt) |
| | 07/25/10 13:05 EST | | 0 | Source: Public |

Trees and limbs were down along Route 259 and Mild Road in Yellow Spring.

| | | | | |
|---|--------------------|--|-----|------------------------------|
| JEFFERSON COUNTY --- 1.5 ESE MT PLEASANT [39.24, -77.92] | 07/25/10 13:35 EST | | 10K | Thunderstorm Wind (EG 70 kt) |
| | 07/25/10 13:35 EST | | 0 | Source: Amateur Radio |

Numerous trees were down along roadways near Summit Point. Roadways in the vicinity of Route 340 were not passable.

| | | | | |
|---|--------------------|--|-----|------------------------------|
| JEFFERSON COUNTY --- 1.5 W MECHANICSTOWN [39.27, -77.86] | 07/25/10 13:40 EST | | 10K | Thunderstorm Wind (EG 62 kt) |
| | 07/25/10 13:40 EST | | 0 | Source: NWS Employee |

Numerous large trees were down near Charles Town.

A strong upper-level disturbance and its associated cold front moved into West Virginia on the 25th. Hot and humid conditions ahead of the front led to moderate amounts of instability. Showers and thunderstorms developed and some thunderstorms became severe due to the instability and strong winds aloft.