

Storm Data and Unusual Weather Phenomena - August 2010

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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ATLANTIC NORTH

TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- 0.4 NE QUANTICO [38.50, -77.31]

08/04/10 19:30 EST		0	Marine Thunderstorm Wind (MG 35 kt)
08/04/10 19:30 EST		0	Source: ASOS

A wind gust of 35 knots was measured at Quantico.

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

08/04/10 21:00 EST		0	Marine Thunderstorm Wind (EG 34 kt)
08/04/10 21:00 EST		0	Source: Buoy

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

High pressure over the Atlantic Ocean continued to pump in hot and humid air over the waters. A series of upper-level disturbances in the jet stream passed through the waters triggering showers and thunderstorms during this time. There was enough instability from the hot and humid air for some thunderstorms to contain gusty winds.

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

08/05/10 14:36 EST		0	Marine Thunderstorm Wind (MG 51 kt)
08/05/10 14:59 EST		0	Source: ASOS

Wind gust up to 51 knots were reported at Reagan National.

TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- 1.1 SE LYLES-CROUCH ACADEMY ALEXANDRIA [38.79, -77.04]

08/05/10 14:40 EST		0	Marine Thunderstorm Wind (MG 42 kt)
08/05/10 15:00 EST		0	Source: Buoy

Wind gusts up to 42 knots were measured at the Upper Potomac Buoy.

TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- 1.5 N LYLES-CROUCH ACADEMY ALEXANDRIA [38.82, -77.05]

08/05/10 14:40 EST		0	Marine Thunderstorm Wind (EG 75 kt)
08/05/10 14:40 EST		0	Source: Trained Spotter

Wind gusts were estimated up to 75 due to thunderstorm wind damage.

TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- 1.5 NNE LYLES-CROUCH ACADEMY ALEXANDRIA [38.82, -77.04]

08/05/10 14:40 EST		0	Marine Thunderstorm Wind (EG 75 kt)
08/05/10 14:40 EST		0	Source: Trained Spotter

Wind gusts were estimated up to 75 due to thunderstorm wind damage.

CHESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY --- 0.6 E CHESAPEAKE BEACH [38.69, -76.53]

08/05/10 15:30 EST		0	Marine Thunderstorm Wind (MG 37 kt)
08/05/10 15:30 EST		0	Source: Mesonet

A wind gust of 37 knots was measured at Chesapeake Beach.

CHESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY --- 6.3 NNW MID BAY BUOY [38.56, -76.41]

08/05/10 15:40 EST		0	Marine Thunderstorm Wind (MG 39 kt)
08/05/10 16:00 EST		0	Source: Buoy

Wind gusts up to 42 knots were measured at Gooses Reef Buoy.

CHOPTANK RIVER TO CAMBRIDGE MD AND THE LITTLE CHOPTANK RIVER COUNTY --- 12.0 NNW HORN POINT [38.75, -76.24]

08/05/10 15:57 EST		0	Marine Thunderstorm Wind (MG 42 kt)
08/05/10 15:57 EST		0	Source: Mesonet

A wind gust of 42 knots was measured about seven miles north-northwest of Bellevue.

TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- 1.1 NW COBB POINT [38.26, -76.84]

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	08/05/10 16:22 EST		0	Marine Thunderstorm Wind (EG 52 kt)
	08/05/10 16:22 EST		0	Source: Fire Department/Rescue

Wind gusts of 52 knots were estimated near Cobb Island due to thunderstorm wind damage.

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

08/05/10 16:30 EST	0	Marine Thunderstorm Wind (MG 35 kt)
08/05/10 16:30 EST	0	Source: Mesonet

A wind gust of 35 knots was measured at Lower Hoopers Island.

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

08/05/10 16:35 EST	0	Marine Thunderstorm Wind (EG 34 kt)
08/05/10 16:35 EST	0	Source: Mesonet

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

TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- 0.2 WNW POINT LOOKOUT [38.04, -76.32]

08/05/10 16:35 EST	0	Marine Thunderstorm Wind (MG 45 kt)
08/05/10 16:45 EST	0	Source: Mesonet

Wind gusts between 36 and 45 knots were reported at Point Lookout.

TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- 0.3 NE POTOMAC BUOY [38.03, -76.34]

08/05/10 16:48 EST	0	Marine Thunderstorm Wind (MG 42 kt)
08/05/10 16:48 EST	0	Source: Buoy

A wind gust of 42 knots was reported at the Lower Potomac Buoy.

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

08/05/10 16:48 EST	0	Marine Thunderstorm Wind (MG 36 kt)
08/05/10 17:00 EST	0	Source: Buoy

Wind gusts up to 36 knots were measured at Piney Point.

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

08/05/10 16:48 EST	0	Marine Thunderstorm Wind (MG 42 kt)
08/05/10 17:00 EST	0	Source: Buoy

Wind gusts between 34 and 42 knots were reported at Piney Point.

TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- 0.4 SE LEWISSETTA [37.99, -76.47]

08/05/10 16:54 EST	0	Marine Thunderstorm Wind (EG 34 kt)
08/05/10 17:00 EST	0	Source: Buoy

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

CHESAPEAKE BAY DRUM PT TO SMITH PT VA COUNTY --- 1.3 E PATUXENT RIVER ASOS [38.29, -76.39]

08/05/10 17:01 EST	0	Marine Thunderstorm Wind (EG 35 kt)
08/05/10 17:01 EST	0	Source: ASOS

A wind gust of 35 knots was estimated near the Patuxent River Naval Air Station.

CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- 0.8 N US NAVAL ACADEMY [38.99, -76.49]

08/05/10 17:01 EST	0	Marine Thunderstorm Wind (MG 35 kt)
08/05/10 17:01 EST	0	Source: ASOS

A wind gust of 35 knots was reported at Annapolis.

TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- 0.2 WNW POINT LOOKOUT [38.04, -76.32]

08/05/10 17:05 EST	0	Marine Thunderstorm Wind (EG 34 kt)
08/05/10 17:05 EST	0	Source: Mesonet

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

TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY --- 7.0 SE BISHOPS HEAD [38.14, -75.96]

	08/05/10 17:06 EST		0	Marine Thunderstorm Wind (MG 35 kt)
	08/05/10 17:06 EST		0	Source: Mesonet

A wind gust of 35 knots was measured about twelve miles north-northeast of Smith Island.

CHESAPEAKE BAY DRUM PT TO SMITH PT VA COUNTY --- 0.8 SSW PATUXENT RIVER ASOS [38.28, -76.41]

	08/05/10 17:08 EST		0	Marine Thunderstorm Wind (MG 35 kt)
	08/05/10 17:08 EST		0	Source: ASOS

A wind gust of 35 knots was measured at Patuxent River.

TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- 0.2 WNW POINT LOOKOUT [38.04, -76.32]

	08/05/10 19:05 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	08/05/10 19:05 EST		0	Source: Mesonet

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

A hot and humid air mass remained over the waters on the 5th. A series of upper-level disturbances in a zonal flow passed through the Mid-Atlantic during this time. Showers and thunderstorms developed during the afternoon and evening hours. There was enough instability from the hot and humid air mass for some thunderstorms to contain gusty winds.

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

	08/12/10 06:19 EST		0	Marine Thunderstorm Wind (MG 37 kt)
	08/12/10 06:19 EST		0	Source: Mesonet

A wind gust of 37 knots was measured at Oriole Park.

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

	08/12/10 06:37 EST		0	Marine Thunderstorm Wind (MG 37 kt)
	08/12/10 06:37 EST		0	Source: ASOS

A wind gust of 37 knots was reported at Reagan National.

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

	08/12/10 06:44 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	08/12/10 06:44 EST		0	Source: Mesonet

A wind gust in excess of 30 knots was reported at the Washington Nationals Park.

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

	08/12/10 07:01 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	08/12/10 07:01 EST		0	Source: ASOS

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

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

	08/12/10 07:11 EST		0	Marine Thunderstorm Wind (MG 36 kt)
	08/12/10 07:11 EST		0	Source: Mesonet

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

CHESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY --- 0.6 E CHESAPEAKE BEACH [38.69, -76.53]

	08/12/10 07:20 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	08/12/10 07:20 EST		0	Source: Mesonet

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

CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- 0.3 WSW KENT ISLAND [38.92, -76.36]

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	08/12/10 07:25 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	08/12/10 07:25 EST		0	Source: Mesonet

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

CHESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY --- 6.3 NNW MID BAY BUOY [38.56, -76.41]				
	08/12/10 07:40 EST		0	Marine Thunderstorm Wind (MG 35 kt)
	08/12/10 07:40 EST		0	Source: Buoy

A wind gust of 35 knots was reported at Gooses Reef Buoy.

CHESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY --- COVE POINT [38.43, -76.39]				
	08/12/10 08:00 EST		0	Marine Thunderstorm Wind (MG 35 kt)
	08/12/10 08:06 EST		0	Source: Buoy

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

CHESAPEAKE BAY DRUM PT TO SMITH PT VA COUNTY --- 0.8 SSW PATUXENT RIVER ASOS [38.28, -76.41]				
	08/12/10 08:10 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	08/12/10 08:10 EST		0	Source: ASOS

A wind gust in excess of 30 knots was measured at Patuxent River.

TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY --- 2.1 NE LOWER HOOPERS ISLAND [38.28, -76.16]				
	08/12/10 09:15 EST		1K	Waterspout
	08/12/10 09:15 EST		0	Source: Public

A water spout was reported in the Honga River near Bentley Point. There was damage reported to some boat canopies.

A backdoor cold front stalled out near the waters on the 12th while and upper-level disturbance passed through the area. A hot and humid air mass ahead of the cold front produced moderate amounts of instability. Some thunderstorms that developed were able to produce gusty winds.

TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- PINEY POINT [38.13, -76.53]				
	08/16/10 15:12 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	08/16/10 15:12 EST		0	Source: Buoy

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

A surface trough triggered some showers and thunderstorms over the waters. An isolated thunderstorm did produce damaging winds due to moderate amounts of instability ahead of the trough.

CHESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY --- 6.3 NNW MID BAY BUOY [38.56, -76.41]				
	08/22/10 15:50 EST		0	Marine Thunderstorm Wind (MG 35 kt)
	08/22/10 15:50 EST		0	Source: Buoy

A wind gust of 35 knots was reported at Gooses Reef Buoy.

A mid-level trough of low pressure combined with a hot and humid air mass to trigger showers and thunderstorms across the waters. Some thunderstorms were able to produce gusty winds due to moderate amounts of instability from the air mass.

CHESAPEAKE BAY DRUM PT TO SMITH PT VA COUNTY --- 1.4 NE POINT LOOKOUT [38.06, -76.30], 1.4 ENE POINT LOOKOUT [38.05, -76.30]				
	08/28/10 08:55 EST		0	Waterspout
	08/28/10 09:05 EST		0	Source: Public

A water spout was reported near Point Lookout. No damage was reported.

An upper-level disturbance passed through the waters on the morning of the 28th triggering showers and thunderstorms. There was enough low-level spin for an isolated thunderstorm to produce a water spout over the middle portion of the Bay.

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
DISTRICT OF COLUMBIA COUNTY --- 0.5 E WALTER REED [38.98, -77.02]				
	08/05/10 06:29 EST		1K	Thunderstorm Wind (EG 61 kt)
	08/05/10 06:29 EST		0	Source: Unknown
A tree was down over the railroad track between Silver Spring and Tacoma.				
DISTRICT OF COLUMBIA COUNTY --- 0.9 NW WALTER REED [38.99, -77.04]				
	08/05/10 06:29 EST		0	Thunderstorm Wind (MG 58 kt)
	08/05/10 06:29 EST		0	Source: Mesonet
A wind gust of 67 mph was measured near Silver Spring.				
DISTRICT OF COLUMBIA COUNTY --- 0.6 SSE WALTER REED [38.97, -77.03]				
	08/05/10 06:30 EST		3K	Thunderstorm Wind (EG 61 kt)
	08/05/10 06:30 EST		0	Source: Fire Department/Rescue
Trees were down on Georgia Avenue and Aspen Avenue.				
A backdoor cold front stalled out over the region on the 12th while and upper-level disturbance passed through the area. A hot and humid air mass ahead of the cold front produced moderate amounts of instability. Some thunderstorms that developed were able to produce damaging wind.				
DISTRICT OF COLUMBIA COUNTY --- 2.0 S BOLLING AFB [38.82, -77.02]				
	08/05/10 14:44 EST		1K	Thunderstorm Wind (EG 65 kt)
	08/05/10 14:44 EST		0	Source: Broadcast Media
A downed tree was blocking one southbound lane on Interstate 295.				
DISTRICT OF COLUMBIA COUNTY --- 1.0 ESE ANACOSTIA [38.87, -76.95]				
	08/05/10 14:45 EST		1K	Thunderstorm Wind (EG 50 kt)
	08/05/10 14:45 EST		0	Source: Broadcast Media
A tree was down near Coral Hills.				
DISTRICT OF COLUMBIA COUNTY --- 1.3 SE BOLLING AFB [38.83, -77.01]				
	08/05/10 14:45 EST		30K	Thunderstorm Wind (EG 61 kt)
	08/05/10 14:45 EST		0	Source: Broadcast Media
Trees fell onto three houses as well as power lines on the 3800 block of 1st Street SE.				
A hot and humid air mass remained over the area on the 5th. A series of upper-level disturbances in a zonal flow passed through the Mid-Atlantic during this time. Showers and thunderstorms developed during the afternoon and evening hours. There was enough instability from the hot and humid air mass for some thunderstorms to contain damaging winds.				
DISTRICT OF COLUMBIA COUNTY --- 0.9 NW US CAPITOL [38.89, -77.03], 1.1 NW US CAPITOL [38.89, -77.03], 1.2 NE LINCOLN MEMORIAL [38.89, -77.03], 1.1 NW US CAPITOL [38.89, -77.03]				
	08/12/10 06:45 EST		0	Flash Flood (due to Heavy Rain)
	08/12/10 07:45 EST		0	Source: Public
Flash Flooding was reported at Constitution Avenue and 15th Street NW. A rain gauge in the area measured 1.34 inches.				
DISTRICT OF COLUMBIA COUNTY --- 0.1 NE GEORGETOWN [38.92, -77.05], 0.2 N GEORGETOWN [38.92, -77.05], 0.9 SE TENLEYTOWN [38.94, -77.06], 1.5 ENE TENLEYTOWN [38.96, -77.05], 1.4 SSW WALTER REED [38.96, -77.04], 0.5 ESE MOUNT PLEASANT [38.93, -77.04]				
	08/12/10 06:52 EST		0	Flash Flood (due to Heavy Rain)
	08/12/10 07:52 EST		0	Source: Broadcast Media
Water was swiftly flowing downhill on Beach Drive NW.				
DISTRICT OF COLUMBIA COUNTY --- 0.3 NW MOUNT PLEASANT [38.93, -77.05], 0.5 WNW MOUNT PLEASANT [38.93, -77.06], 0.7 WNW MOUNT PLEASANT [38.94, -77.06], 0.6 NW MOUNT PLEASANT [38.94, -77.06]				
	08/12/10 06:52 EST		0	Flash Flood (due to Heavy Rain)
	08/12/10 07:52 EST		0	Source: Broadcast Media

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Cleveland Park METRO Station was inundated by several inches of water flowing down the escalators.				
DISTRICT OF COLUMBIA COUNTY --- 0.8 S BROOKLAND [38.92, -77.00], 0.6 S BROOKLAND [38.92, -77.00], 0.6 SSE BROOKLAND [38.92, -76.99], 0.7 SSE BROOKLAND [38.92, -76.99]				
	08/12/10 06:56 EST		0	Flash Flood (due to Heavy Rain)
	08/12/10 07:56 EST		0	Source: Department of Highways
Rhode Island Avenue was closed between 4th and 8th Streets NE.				
DISTRICT OF COLUMBIA COUNTY --- 1.5 SSE WALTER REED [38.96, -77.02], 1.9 SE WALTER REED [38.96, -77.01], 1.7 NNW BROOKLAND [38.95, -77.01], 1.5 S WALTER REED [38.96, -77.03]				
	08/12/10 07:00 EST		0	Flash Flood (due to Heavy Rain)
	08/12/10 08:00 EST		0	Source: Law Enforcement
Missouri Avenue was flooded.				
<p>A northwest to southeast oriented cold front drifted into the area as an upper level disturbance moved southeast across the region. Thunderstorms initiated along the boundary during the morning, producing torrential downpours across northern and western parts of Washington. Rainfall amounts of 1 to 3 inches in under 2 hours were enough to produce flash flooding.</p>				
DISTRICT OF COLUMBIA COUNTY --- 1.1 ESE TENLEYTOWN [38.95, -77.05], 0.5 ESE MOUNT PLEASANT [38.93, -77.04], 0.6 SSE GEORGETOWN [38.91, -77.05], 1.2 SSW GEORGETOWN [38.90, -77.05], 0.7 W GEORGETOWN [38.92, -77.06]				
	08/18/10 06:10 EST		0	Flash Flood (due to Heavy Rain)
	08/18/10 07:10 EST		0	Source: Park/Forest Service
Rock Creek overtopped its banks, flooding portions of Rock Creek Parkway, Beach Drive, and Broadbranch Drive. An automated rain gauge nearby reported 3.17 inches.				
<p>Low pressure moved west to east along a stationary boundary draped across far northern Virginia and Maryland. Thunderstorms associated with this low pressure produced very high rainfall rates with the aide of a moisture laden atmosphere. Flash flooding was reported across northwest portions of Washington DC during the morning from rainfall amounts of 2 to 3 inches in less than 3 hours.</p>				
MARYLAND, Central				
ALLEGANY COUNTY --- 0.2 NE BARTON [39.53, -79.02]				
	08/04/10 16:55 EST		3K	Thunderstorm Wind (EG 56 kt)
	08/04/10 16:55 EST		0	Source: Fire Department/Rescue
Trees were down in Barton.				
ALLEGANY COUNTY --- 0.7 N MIDLAND [39.59, -78.95]				
	08/04/10 16:55 EST		3K	Thunderstorm Wind (EG 56 kt)
	08/04/10 16:55 EST		0	Source: Fire Department/Rescue
Trees were down in Midland.				
ALLEGANY COUNTY --- 0.7 NNE LUKE [39.49, -79.04]				
	08/04/10 16:55 EST		3K	Thunderstorm Wind (EG 56 kt)
	08/04/10 16:55 EST		0	Source: Fire Department/Rescue
Trees were down in Westernport.				
ALLEGANY COUNTY --- 0.3 S DETMOLD [39.57, -78.98]				
	08/04/10 16:56 EST		3K	Thunderstorm Wind (EG 56 kt)
	08/04/10 16:56 EST		0	Source: Fire Department/Rescue
Trees were down in Lonaconing.				
ALLEGANY COUNTY --- 0.4 WNW NATIONAL [39.62, -78.96]				
	08/04/10 16:58 EST		3K	Thunderstorm Wind (EG 56 kt)
	08/04/10 16:58 EST		0	Source: Fire Department/Rescue

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Trees were down near Midlothian.				
ALLEGANY COUNTY --- 0.5 WSW MIDLAND [39.58, -78.96]				
	08/04/10 17:00 EST		3K	Thunderstorm Wind (EG 56 kt)
	08/04/10 17:00 EST		0	Source: Fire Department/Rescue
Six trees were down on Route 36.				
ALLEGANY COUNTY --- 0.1 E FROSTBURG [39.65, -78.93]				
	08/04/10 17:02 EST		3K	Thunderstorm Wind (EG 56 kt)
	08/04/10 17:02 EST		0	Source: Fire Department/Rescue
Trees were down in Frostburg.				
ALLEGANY COUNTY --- 0.3 S MT SAVAGE [39.70, -78.88]				
	08/04/10 17:05 EST		3K	Thunderstorm Wind (EG 56 kt)
	08/04/10 17:05 EST		0	Source: Fire Department/Rescue
Trees were down in Mount Savage.				
ALLEGANY COUNTY --- 0.5 SSW CRESAPTOWN [39.59, -78.83]				
	08/04/10 17:07 EST		3K	Thunderstorm Wind (EG 56 kt)
	08/04/10 17:07 EST		0	Source: Fire Department/Rescue
Trees were down in Cresaptown.				
ALLEGANY COUNTY --- 1.2 WSW CUMBERLAND [39.64, -78.79]				
	08/04/10 17:10 EST		0	Thunderstorm Wind (MG 68 kt)
	08/04/10 17:10 EST		0	Source: Fire Department/Rescue
A wind gust of 78 mph was measured near Ridgeley.				
ALLEGANY COUNTY --- 0.9 N ALLEGHANY GROVE [39.66, -78.82]				
	08/04/10 17:11 EST		3K	Thunderstorm Wind (EG 56 kt)
	08/04/10 17:11 EST		0	Source: Fire Department/Rescue
Trees were down in LaVale.				
ALLEGANY COUNTY --- 0.7 SSW LONG [39.66, -78.80]				
	08/04/10 17:12 EST		3K	Thunderstorm Wind (EG 56 kt)
	08/04/10 17:12 EST		0	Source: Fire Department/Rescue
Trees were down along Klosterman Avenue in LaVale.				
ALLEGANY COUNTY --- 0.3 ENE CUMBERLAND [39.65, -78.76]				
	08/04/10 17:15 EST		5K	Thunderstorm Wind (EG 56 kt)
	08/04/10 17:15 EST		0	Source: Fire Department/Rescue
Numerous trees were down in Cumberland.				
CARROLL COUNTY --- 0.7 ESE LINWOOD [39.57, -77.14]				
	08/04/10 19:14 EST		0.50K	Thunderstorm Wind (EG 52 kt)
	08/04/10 19:14 EST		0	Source: Fire Department/Rescue
A tree was down on Watson Lane near Pipe Creek Road.				
CARROLL COUNTY --- 0.5 ESE NEW WINDSOR [39.55, -77.09]				
	08/04/10 19:20 EST		0.50K	Thunderstorm Wind (EG 52 kt)
	08/04/10 19:20 EST		0	Source: Fire Department/Rescue
A tree was down on Rome Road.				

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High pressure over the Atlantic Ocean continued to pump in hot and humid air over the Mid-Atlantic. A series of upper-level disturbances in the jet stream passed through Maryland triggering showers and thunderstorms during this time. There was enough instability from the hot and humid air for some thunderstorms to contain damaging winds during the afternoon and evening hours.				
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PRINCE GEORGE'S COUNTY --- 0.7 NE OXON HILL [38.81, -76.99]	08/05/10 14:46 EST		2K	Thunderstorm Wind (EG 70 kt)
	08/05/10 14:46 EST		0	Source: Broadcast Media
Trees were down on Commanche Drive.				
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PRINCE GEORGE'S COUNTY --- 0.8 SSE FOREST HGTS [38.81, -76.99]	08/05/10 14:48 EST		20K	Thunderstorm Wind (EG 70 kt)
	08/05/10 14:48 EST		0	Source: Broadcast Media
A large tree fell into a home on Ottawa street in Forest Heights. Four people had to be rescued from the home. One person was transported to the hospital.				
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PRINCE GEORGE'S COUNTY --- 0.4 SE OXON HILL [38.80, -77.00]	08/05/10 14:50 EST		5K	Thunderstorm Wind (EG 70 kt)
	08/05/10 14:50 EST		0	Source: Trained Spotter
Numerous trees were broken off and uprooted within a five block radius in the Southlawn Neighborhood.				
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PRINCE GEORGE'S COUNTY --- 0.5 ENE PISCATAWAY [38.70, -76.96]	08/05/10 14:53 EST		15K	Thunderstorm Wind (EG 61 kt)
	08/05/10 14:53 EST		0	Source: Trained Spotter
A tree fell onto a vehicle on Floral Park Drive. One person was injured.				
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CALVERT COUNTY --- 0.2 SE DUNKIRK [38.72, -76.67]	08/05/10 15:19 EST		10K	Thunderstorm Wind (EG 56 kt)
	08/05/10 15:19 EST		0	Source: NWS Storm Survey
Numerous trees were down throughout the Dunkirk area.				
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CALVERT COUNTY --- 1.1 W CHANEY [38.75, -76.65]	08/05/10 15:19 EST		5K	Thunderstorm Wind (EG 52 kt)
	08/05/10 15:19 EST		0	Source: NWS Storm Survey
Trees were down along Chaney Road.				
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CALVERT COUNTY --- 1.2 ESE DUNKIRK [38.71, -76.65]	08/05/10 15:20 EST		5K	Thunderstorm Wind (EG 61 kt)
	08/05/10 15:20 EST		0	Source: NWS Storm Survey
Large trees and limbs were snapped or uprooted along Appleway and also along side streets.				
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CHARLES COUNTY --- 0.7 SSE COBB IS [38.26, -76.84]	08/05/10 16:22 EST		2K	Thunderstorm Wind (EG 52 kt)
	08/05/10 16:22 EST		0	Source: Fire Department/Rescue
Trees were down on Cobb Island.				
A hot and humid air mass remained over Maryland on the 5th. A series of upper-level disturbances in a zonal flow passed through the Mid-Atlantic during this time. Showers and thunderstorms developed during the afternoon and evening hours. There was enough instability from the hot and humid air mass for some thunderstorms to contain damaging winds.				
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FREDERICK COUNTY --- 2.1 ENE BRADDOCK HGTS [39.45, -77.47]	08/12/10 04:47 EST		1K	Thunderstorm Wind (EG 50 kt)
	08/12/10 04:47 EST		0	Source: Fire Department/Rescue
A tree was down along Old Receiver Road.				

Storm Data and Unusual Weather Phenomena - August 2010

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
FREDERICK COUNTY --- 1.1 NE REELS MILL [39.38, -77.36]				
	08/12/10 05:04 EST		1K	Thunderstorm Wind (EG 52 kt)
	08/12/10 05:04 EST		0	Source: Fire Department/Rescue
A tree was down along Reichs Ford Road.				
MONTGOMERY COUNTY --- 1.0 S PURDUM [39.27, -77.23]				
	08/12/10 05:15 EST		1K	Thunderstorm Wind (EG 52 kt)
	08/12/10 05:15 EST		0	Source: COOP Observer
Several eight inch tree limbs were down due to thunderstorm winds near Damascus.				
FREDERICK COUNTY --- 1.5 S MONROVIA [39.35, -77.27]				
	08/12/10 05:22 EST		15K	Thunderstorm Wind (EG 61 kt)
	08/12/10 05:22 EST		0	Source: Public
Structures were damaged at a drag racing facility near Green Valley.				
FREDERICK COUNTY --- 2.9 WSW FOUNTAIN MILLS [39.31, -77.30]				
	08/12/10 05:22 EST		5K	Thunderstorm Wind (EG 61 kt)
	08/12/10 05:22 EST		0	Source: Trained Spotter
Numerous trees were down along Routes 80 and 75.				
FREDERICK COUNTY --- URBANA [39.33, -77.35]				
	08/12/10 05:24 EST		5K	Thunderstorm Wind (EG 61 kt)
	08/12/10 05:24 EST		0	Source: Fire Department/Rescue
Trees were down near Urbana.				
MONTGOMERY COUNTY --- 0.3 WSW DAMASCUS [39.28, -77.20]				
	08/12/10 05:25 EST		0	Thunderstorm Wind (EG 52 kt)
	08/12/10 05:25 EST		0	Source: NWS Employee
A wind gust of 60 mph was estimated by a National Weather Service employee near Damascus.				
MONTGOMERY COUNTY --- 1.3 WNW MONTGOMERY VLG [39.18, -77.20]				
	08/12/10 05:53 EST		0	Thunderstorm Wind (MG 50 kt)
	08/12/10 05:53 EST		0	Source: Mesonet
A wind gust of 58 mph was measured at Montgomery Village.				
MONTGOMERY COUNTY --- 0.9 SE CLOPPER [39.14, -77.22]				
	08/12/10 05:55 EST		25K	Thunderstorm Wind (EG 66 kt)
	08/12/10 05:55 EST		0	Source: Broadcast Media
A tree fell into the Garden Apartments. The tree was eighty feet in diameter.				
MONTGOMERY COUNTY --- 0.9 NNW GAITHERSBURG [39.14, -77.21]				
	08/12/10 05:58 EST		5K	Thunderstorm Wind (EG 70 kt)
	08/12/10 05:58 EST		0	Source: NWS Employee
Numerous trees and branches were down, including a snapped large Oak Tree and an uprooted Pine Tree.				
MONTGOMERY COUNTY --- 0.7 NNE GAITHERSBURG [39.14, -77.20]				
	08/12/10 06:00 EST		7K	Thunderstorm Wind (EG 78 kt)
	08/12/10 06:00 EST		0	Source: County Official
Widespread damage to trees was reported in the vicinity of Old Towne Avenue in Gaithersburg.				
MONTGOMERY COUNTY --- 1.0 SW SPENCERVILLE [39.11, -76.99]				

Storm Data and Unusual Weather Phenomena - August 2010

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	08/12/10 06:05 EST		1K	Thunderstorm Wind (EG 50 kt)
	08/12/10 06:05 EST		0	Source: Trained Spotter
Small trees were down near Spencerville.				
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MONTGOMERY COUNTY --- 0.4 SE WHEATON HILLS [39.07, -77.05]				
	08/12/10 06:15 EST		0	Hail (1.00 in)
	08/12/10 06:15 EST		0	Source: Public
Quarter size hail was reported near Glenmont.				
<hr/>				
MONTGOMERY COUNTY --- 0.6 N WHITE OAK [39.04, -77.00]				
	08/12/10 06:22 EST		5K	Thunderstorm Wind (EG 61 kt)
	08/12/10 06:22 EST		0	Source: NWS Storm Survey
Tree damage was reported between Northwest Drive and Prelude Drive along US-29.				
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PRINCE GEORGE'S COUNTY --- 2.5 SSE MEADOWS [38.79, -76.83]				
	08/12/10 07:09 EST		0	Hail (1.75 in)
	08/12/10 07:09 EST		0	Source: Public
Golf ball size hail was reported near Andrews Airforce Base.				
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PRINCE GEORGE'S COUNTY --- 2.5 SSE MEADOWS [38.79, -76.83]				
	08/12/10 07:09 EST		5K	Thunderstorm Wind (EG 61 kt)
	08/12/10 07:09 EST		0	Source: Public
Large sections of trees were blown down and shutters were blown off from a residence near Andrews Airforce Base.				
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PRINCE GEORGE'S COUNTY --- 1.6 WSW ASHBOX [38.66, -76.83]				
	08/12/10 07:21 EST		1K	Thunderstorm Wind (EG 52 kt)
	08/12/10 07:21 EST		0	Source: Public
Large limbs were blown down just off of Cedarville Road.				
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PRINCE GEORGE'S COUNTY --- 0.3 ENE ASHBOX [38.67, -76.80]				
	08/12/10 07:25 EST		0.50K	Thunderstorm Wind (EG 52 kt)
	08/12/10 07:25 EST		0	Source: Public
A large limb was blown down on Brandywine Road.				
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WASHINGTON COUNTY --- 0.7 S (HGR)HAGERSTOWN RGNL [39.71, -77.73]				
	08/12/10 15:21 EST		0	Thunderstorm Wind (MG 50 kt)
	08/12/10 15:21 EST		0	Source: ASOS
A wind gust of 50 knots was reported at the Hagerstown Airport.				
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CARROLL COUNTY --- 0.7 NNW KEYMAR [39.61, -77.23]				
	08/12/10 15:47 EST		5K	Thunderstorm Wind (EG 56 kt)
	08/12/10 15:47 EST		0	Source: Fire Department/Rescue
Trees and wires were down near Keymar.				
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FREDERICK COUNTY --- 2.1 NNE JOHNSVILLE [39.56, -77.21]				
	08/12/10 15:47 EST		2K	Thunderstorm Wind (EG 52 kt)
	08/12/10 15:47 EST		0	Source: Public
Large limbs were down along Beaver Dam Road.				
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CARROLL COUNTY --- 0.1 ESE BARK HILL [39.58, -77.15]				
	08/12/10 15:48 EST		2K	Thunderstorm Wind (EG 52 kt)
	08/12/10 15:48 EST		0	Source: Fire Department/Rescue

Storm Data and Unusual Weather Phenomena - August 2010

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Trees and wires were down anear Linwood.				
CARROLL COUNTY --- 0.5 SE MC KINSTRYS [39.55, -77.16]				
	08/12/10 15:50 EST		5K	Thunderstorm Wind (EG 56 kt)
	08/12/10 15:50 EST		0	Source: Fire Department/Rescue
Trees and wires were down anear Linwood.				
FREDERICK COUNTY --- 1.6 ENE UNIONVILLE [39.49, -77.16]				
	08/12/10 15:50 EST		5K	Thunderstorm Wind (EG 61 kt)
	08/12/10 15:50 EST		0	Source: Fire Department/Rescue
Several trees and wires were down. Most of the trees were six inches in diameter.				
CARROLL COUNTY --- 1.9 WSW NEW WINDSOR [39.54, -77.13]				
	08/12/10 15:52 EST		5K	Thunderstorm Wind (EG 56 kt)
	08/12/10 15:52 EST		0	Source: Fire Department/Rescue
Several trees and wires were down near New Windsor.				
FREDERICK COUNTY --- 0.5 SW UNIONVILLE [39.47, -77.19]				
	08/12/10 15:58 EST		5K	Thunderstorm Wind (EG 61 kt)
	08/12/10 15:58 EST		0	Source: Emergency Manager
Trees were down in Unionville.				
FREDERICK COUNTY --- 2.8 S UNIONVILLE [39.44, -77.18], 2.5 S UNIONVILLE [39.44, -77.18]				
	08/12/10 16:03 EST		15K	Tornado (EF0, L: 0.24 mi , W: 440 yd)
	08/12/10 16:04 EST		0	Source: NWS Employee
Numerous trees were uprooted and large limbs were snapped. The damage to trees and debris showed a convergent and weakly rotational pattern which suggests there was a weak tornado near and just north of Westvale Court.				
FREDERICK COUNTY --- 2.3 E NEW LONDON [39.41, -77.21]				
	08/12/10 16:13 EST		1K	Thunderstorm Wind (EG 56 kt)
	08/12/10 16:13 EST		0	Source: Public
A tree was down on Old Annapolis Road near Charles Drive.				
FREDERICK COUNTY --- 2.4 E NEW LONDON [39.42, -77.21]				
	08/12/10 16:13 EST		1K	Thunderstorm Wind (EG 56 kt)
	08/12/10 16:13 EST		0	Source: Public
Smaller branches were blown down due to thunderstorm winds. A flag pole was bent at its base on Charles Drive.				
FREDERICK COUNTY --- 1.3 NE PLANE NUMBER FOUR [39.39, -77.18]				
	08/12/10 16:14 EST		10K	Thunderstorm Wind (EG 61 kt)
	08/12/10 16:14 EST		0	Source: Emergency Manager
Numerous large trees were blown down along and across Woodville Road and also near the intersection of Woodville Road and Old Annapolis Road.				
FREDERICK COUNTY --- 1.7 NNE PLANE NUMBER FOUR [39.40, -77.19]				
	08/12/10 16:15 EST		5K	Thunderstorm Wind (EG 70 kt)
	08/12/10 16:15 EST		0	Source: Public
Several trees were topped in thunderstorm winds along Amys Terrace.				
A backdoor cold front stalled out over the region on the 12th while and upper-level disturbance passed through the area. A hot and humid air mass ahead of the cold front produced moderate amounts of instability. Some thunderstorms that developed were able to produce damaging wind and large hail.				

Storm Data and Unusual Weather Phenomena - August 2010

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
MONTGOMERY COUNTY --- 1.1 SE CEDAR GROVE [39.24, -77.21], 0.6 SSE CEDAR GROVE [39.24, -77.23], 0.9 SW PURDUM [39.27, -77.24], 0.6 NNE PURDUM [39.29, -77.22], 0.8 ENE PURDUM [39.28, -77.22]				
	08/12/10 05:30 EST		0	Flash Flood (due to Heavy Rain)
	08/12/10 06:30 EST		0	Source: COOP Observer
Measured rainfall of 2.5 inches in 30 minutes resulted in Kings Valley Road being closed, due to 18 inches of water flowing across the road.				
PRINCE GEORGE'S COUNTY --- 0.7 S AMMENDALE [39.04, -76.90], 0.6 SSW AMMENDALE [39.04, -76.91], 0.2 SSW AMMENDALE [39.05, -76.90], 0.3 S AMMENDALE [39.05, -76.90]				
	08/12/10 06:36 EST		0	Flash Flood (due to Heavy Rain)
	08/12/10 07:36 EST		0	Source: Other Federal Agency
Route 1 at Lincoln Avenue was closed in both directions as a result of high water. A rainfall total was reported from near the area of 3.51 inches.				
PRINCE GEORGE'S COUNTY --- BRANCHVILLE [39.00, -76.93], 0.6 SE BRANCHVILLE [38.99, -76.92], 0.3 SW BERWYN [38.98, -76.93], 0.3 E COLLEGE PARK [38.98, -76.95]				
	08/12/10 06:42 EST		10K	Flash Flood (due to Heavy Rain)
	08/12/10 07:42 EST		0	Source: Fire Department/Rescue
Prince Georges County Fire Department reported cars stranded in College Park from flash flooding. A rain gauge in the area observed 3.56 inches of rain.				
HARFORD COUNTY --- 0.9 SW VAN BIBBER [39.44, -76.31], 0.7 SW VAN BIBBER [39.44, -76.31], 0.5 SW VAN BIBBER [39.44, -76.31], 0.7 SSW VAN BIBBER [39.44, -76.31]				
	08/12/10 19:04 EST		0	Flash Flood (due to Heavy Rain)
	08/12/10 20:04 EST		0	Source: Emergency Manager
Water rescue at railroad underpass on Maryland Route 755. Rainfall in the area measured 2.22 inches.				
ANNE ARUNDEL COUNTY --- 0.9 SW MARLEY [39.14, -76.61], 1.0 SW MARLEY [39.14, -76.61], 0.6 WSW MARLEY [39.15, -76.61], 0.6 SW MARLEY [39.15, -76.61]				
	08/12/10 22:48 EST		0	Flash Flood (due to Heavy Rain)
	08/12/10 23:48 EST		0	Source: Emergency Manager
High water was reported on Norfolk Road.				
A northwest to southeast oriented cold front drifted into the area as an upper level disturbance moved southeast across the region. Thunderstorms initiated along the boundary during the morning, producing torrential downpours northern parts of the Washington metropolitan area. Rainfall amounts of 2 to 4 inches in under 3 hours were enough to produce flash flooding. Additional thunderstorms developed in the evening over saturated ground in the Baltimore metropolitan area, resulting in more flash flooding.				
FREDERICK COUNTY --- 0.7 S LOYS [39.59, -77.35]				
	08/16/10 15:30 EST		5K	Thunderstorm Wind (EG 61 kt)
	08/16/10 15:30 EST		0	Source: Public
Uprooted and snapped trees along with large limb damage were reported near Rocky Ridge.				
A surface trough triggered some showers and thunderstorms over Maryland. An isolated thunderstorm did produce damaging winds due to moderate amounts of instability ahead of the trough.				
MONTGOMERY COUNTY --- 0.7 N SOMERSET [38.96, -77.10], 0.6 NW SOMERSET [38.96, -77.11], 0.8 NW SOMERSET [38.96, -77.11], 0.9 N SOMERSET [38.96, -77.10]				
	08/18/10 06:55 EST		0	Flood (due to Heavy Rain)
	08/18/10 07:55 EST		0	Source: Broadcast Media
Little Falls Parkway was flooded between Massachusetts Avenue and River Road. A rain gauge in the area tallied 3.84 inches.				
ANNE ARUNDEL COUNTY --- 1.5 SSE REVELL [39.05, -76.52], 1.4 NNE SHERWOOD FOREST [39.05, -76.52], 1.3 SSE REVELL [39.05, -76.52], 1.1 SSE REVELL [39.05, -76.52]				
	08/18/10 07:05 EST		0	Flood (due to Heavy Rain)
	08/18/10 08:05 EST		0	Source: Broadcast Media
Flooding was reported at the intersection of Route 2 and College Parkway. Rainfall in the area was measured at 3.75 inches.				

Storm Data and Unusual Weather Phenomena - August 2010

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
PRINCE GEORGE'S COUNTY --- 0.9 SW AMMENDALE [39.04, -76.91], 0.6 NNE AMMENDALE [39.06, -76.89], 0.8 ENE AMMENDALE [39.06, -76.89], 0.5 NNW BELTSVILLE [39.04, -76.90]				
	08/18/10 07:14 EST		0	Flood (due to Heavy Rain)
	08/18/10 08:14 EST		0	Source: Broadcast Media
Portions of US Route 1 were flooded between Powder Mill and Ammendale Road. A storm spotter near the region observed 3.58 inches of rain.				
ANNE ARUNDEL COUNTY --- 0.7 N SEVERNA PARK [39.08, -76.55], 0.9 SSW EARLEIGH HGTS [39.09, -76.56], 0.8 SSW EARLEIGH HGTS [39.09, -76.55], 0.9 N SEVERNA PARK [39.08, -76.55]				
	08/18/10 08:47 EST		0	Flood (due to Heavy Rain)
	08/18/10 09:47 EST		0	Source: Law Enforcement
A portion of Ritchie Highway was flooded near Whites Road. A rain gauge in the area measured 3.86 inches.				
PRINCE GEORGE'S COUNTY --- 0.9 SE OAK CREST [39.07, -76.84], 1.3 ESE OAK CREST [39.07, -76.83], 1.1 ESE OAK CREST [39.07, -76.83], 0.7 SE OAK CREST [39.07, -76.84]				
	08/18/10 08:57 EST		0	Flood (due to Heavy Rain)
	08/18/10 09:57 EST		0	Source: Law Enforcement
Brockbridge Road was flooded near Maryland City Park. A rain gauge in the area measured 4.60 inches.				
MONTGOMERY COUNTY --- 0.9 SE WOODHAVEN [38.99, -77.12], 0.7 SE WOODHAVEN [38.99, -77.12], 0.8 ESE WOODHAVEN [38.99, -77.12], 0.9 SE WOODHAVEN [38.99, -77.12]				
	08/18/10 10:08 EST		0	Flood (due to Heavy Rain)
	08/18/10 11:08 EST		0	Source: Broadcast Media
Bradley Blvd. at Huntington Pkwy. was flooded. A rainfall total from the area was reported to be 4.47 inches.				
Low pressure moved west to east along a stationary boundary draped across Maryland. Thunderstorms associated with this low pressure produced very high rainfall rates with the aide of a moisture laden atmosphere. Flooding occurred across northern portions of the Washington metropolitan area during the morning from rainfall amounts of 3 to 4 inches in less than 3 hours.				
VIRGINIA, North				
HIGHLAND COUNTY --- BLUE GRASS [38.50, -79.55]				
	08/04/10 17:40 EST		0.50K	Thunderstorm Wind (EG 50 kt)
	08/04/10 17:40 EST		0	Source: Fire Department/Rescue
A tree was down on the road in Blue Grass.				
FREDERICK COUNTY --- 0.5 SE CLOWSER GAP [39.17, -78.32]				
	08/04/10 17:48 EST		0	Thunderstorm Wind (MG 63 kt)
	08/04/10 17:48 EST		0	Source: Public
A wind gust of 73 mph was measured from a home weather kit about eight miles west of Winchester.				
SHENANDOAH COUNTY --- 0.9 NE STRASBURG [38.99, -78.36]				
	08/04/10 17:51 EST		5K	Thunderstorm Wind (EG 52 kt)
	08/04/10 17:51 EST		0	Source: Fire Department/Rescue
Trees were down near Strasburg.				
SHENANDOAH COUNTY --- 4.1 SE STRASBURG [38.94, -78.31]				
	08/04/10 17:55 EST		5K	Thunderstorm Wind (EG 52 kt)
	08/04/10 17:55 EST		0	Source: Fire Department/Rescue
Trees were down near near Fort Valley.				
WINCHESTER (C) COUNTY --- 3.1 N WINCHESTER [39.17, -78.17]				

Storm Data and Unusual Weather Phenomena - August 2010

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	08/04/10 17:56 EST		5K	Thunderstorm Wind (EG 61 kt)
	08/04/10 17:56 EST		0	Source: Fire Department/Rescue
Trees were down along multiple roads in Winchester.				
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SHENANDOAH COUNTY --- 0.3 WSW NEW MARKET [38.65, -78.67]				
	08/04/10 18:05 EST		3K	Thunderstorm Wind (EG 52 kt)
	08/04/10 18:05 EST		0	Source: Fire Department/Rescue
Trees were down in New Market.				
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HARRISONBURG (C) COUNTY --- 0.9 SSW HARRISONBURG [38.44, -78.87]				
	08/04/10 18:14 EST		0	Thunderstorm Wind (MG 53 kt)
	08/04/10 18:14 EST		0	Source: Fire Department/Rescue
A wind gust of 61 mph was measured at Harrisonburg.				
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LOUDOUN COUNTY --- 0.6 WSW BLUEMONT [39.12, -77.83]				
	08/04/10 18:20 EST		1K	Thunderstorm Wind (EG 52 kt)
	08/04/10 18:20 EST		0	Source: Fire Department/Rescue
A tree ten inches in diameter was down in a driveway at Bluemont.				
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FAUQUIER COUNTY --- 0.5 N ADA [38.84, -77.92]				
	08/04/10 18:23 EST		12K	Thunderstorm Wind (EG 56 kt)
	08/04/10 18:23 EST		0	Source: Fire Department/Rescue
At least a dozen reports were in for trees down across northern Fauquier County.				
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NELSON COUNTY --- 0.6 ENE AFTON [38.03, -78.84]				
	08/04/10 18:30 EST		5K	Thunderstorm Wind (EG 52 kt)
	08/04/10 18:30 EST		0	Source: Trained Spotter
Trees were down across the northeastern portion of the county.				
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CULPEPER COUNTY --- 0.5 W RIXEYVILLE [38.58, -77.98]				
	08/04/10 18:40 EST		1K	Thunderstorm Wind (EG 52 kt)
	08/04/10 18:40 EST		0	Source: Fire Department/Rescue
A tree was down in Rixeyville along Rixeyville Road. .				
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CULPEPER COUNTY --- 2.0 SW REVA [38.48, -78.15]				
	08/04/10 18:40 EST		1K	Thunderstorm Wind (EG 52 kt)
	08/04/10 18:40 EST		0	Source: Fire Department/Rescue
A tree was down on the Duncan Trail.				
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ORANGE COUNTY --- 1.6 NW EHEART [38.21, -78.34]				
	08/04/10 19:01 EST		1K	Thunderstorm Wind (EG 52 kt)
	08/04/10 19:01 EST		0	Source: Fire Department/Rescue
A tree was down on Route 33 near Greene County.				
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FAUQUIER COUNTY --- 1.1 W MORRISVILLE [38.50, -77.70]				
	08/04/10 19:04 EST		12K	Thunderstorm Wind (EG 56 kt)
	08/04/10 19:04 EST		0	Source: Fire Department/Rescue
At least a dozen reports of trees were down across southern Fauquier County.				
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ORANGE COUNTY --- 0.7 SSE BARBOURSVILLE [38.16, -78.28]				
	08/04/10 19:09 EST		1K	Thunderstorm Wind (EG 52 kt)
	08/04/10 19:09 EST		0	Source: Fire Department/Rescue

Storm Data and Unusual Weather Phenomena - August 2010

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
A tree was down on Winery Road.				
ORANGE COUNTY --- 0.8 E OLD SOMERSET [38.22, -78.21]				
	08/04/10 19:11 EST		1K	Thunderstorm Wind (EG 52 kt)
	08/04/10 19:11 EST		0	Source: Fire Department/Rescue
A tree was down on Route 20 near Montpelier.				
SPOTSYLVANIA COUNTY --- 1.6 ESE WILDERNESS CORNER [38.31, -77.68]				
	08/04/10 19:19 EST		1K	Thunderstorm Wind (EG 56 kt)
	08/04/10 19:19 EST		0	Source: Fire Department/Rescue
A tree was down at the intersection of Orange Plank Road and Herndon Road.				
SPOTSYLVANIA COUNTY --- 1.8 WNW SNELL [38.16, -77.63]				
	08/04/10 19:36 EST		1K	Thunderstorm Wind (EG 50 kt)
	08/04/10 19:36 EST		0	Source: Fire Department/Rescue
A tree was down at the intersection of Courthouse Road and Red Feather Lane.				
High pressure over the Atlantic Ocean continued to pump in hot and humid air over the Mid-Atlantic. A series of upper-level disturbances in the jet stream passed through Virginia triggering showers and thunderstorms during this time. There was enough instability from the hot and humid air for some thunderstorms to contain damaging winds during the afternoon and evening hours.				
ROCKINGHAM COUNTY --- 1.4 SW MASSANETTA SPGS [38.39, -78.85]				
	08/05/10 13:15 EST		0	Hail (1.00 in)
	08/05/10 13:15 EST		0	Source: Trained Spotter
Quarter size hail was reported about three miles east of Pleasant Valley.				
ROCKINGHAM COUNTY --- 1.5 SW MASSANETTA SPGS [38.39, -78.85]				
	08/05/10 13:20 EST		2K	Thunderstorm Wind (EG 52 kt)
	08/05/10 13:20 EST		0	Source: Fire Department/Rescue
Trees were down at Spaders Church Road and Port Republic Road.				
FAUQUIER COUNTY --- 4.0 NNE RECTORTOWN [38.97, -77.81]				
	08/05/10 13:35 EST		3K	Thunderstorm Wind (EG 52 kt)
	08/05/10 13:35 EST		0	Source: Amateur Radio
Numerous limbs and trees of six inches in diameter were down along route 713 south of Route 50.				
LOUDOUN COUNTY --- 1.6 E MIDDLEBURG [38.97, -77.74]				
	08/05/10 13:42 EST		3K	Thunderstorm Wind (EG 52 kt)
	08/05/10 13:42 EST		0	Source: Fire Department/Rescue
Trees were down just north of Middleburg.				
FAUQUIER COUNTY --- 3.0 NW HALFWAY [38.95, -77.77]				
	08/05/10 13:46 EST		1K	Thunderstorm Wind (EG 52 kt)
	08/05/10 13:46 EST		0	Source: NWS Employee
A large tree was down on Zulla Road just south of Route 50.				
RAPPAHANNOCK COUNTY --- 1.4 W ROUNDHILL [38.57, -78.20]				
	08/05/10 13:50 EST		1K	Thunderstorm Wind (EG 52 kt)
	08/05/10 13:50 EST		0	Source: Fire Department/Rescue
A tree was down on Quaintance Road.				
GREENE COUNTY --- 0.5 W STANDARDSVILLE [38.30, -78.44]				

Storm Data and Unusual Weather Phenomena - August 2010

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	08/05/10 13:53 EST		3K	Thunderstorm Wind (EG 50 kt)
	08/05/10 13:53 EST		0	Source: Fire Department/Rescue
A few trees were down in Stanardsville.				
<hr/>				
CULPEPER COUNTY --- 0.8 N BOSTON [38.54, -78.13]				
	08/05/10 13:58 EST		3K	Thunderstorm Wind (EG 56 kt)
	08/05/10 13:58 EST		0	Source: Fire Department/Rescue
Multiple trees were down along Sperryville Pike near Slate Mills road.				
<hr/>				
CULPEPER COUNTY --- 2.0 NE BOSTON [38.55, -78.10]				
	08/05/10 14:00 EST		1K	Thunderstorm Wind (EG 52 kt)
	08/05/10 14:00 EST		0	Source: Fire Department/Rescue
A tree was down on Hazeland Lane.				
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CULPEPER COUNTY --- 0.3 NE REVA [38.50, -78.13]				
	08/05/10 14:04 EST		1K	Thunderstorm Wind (EG 52 kt)
	08/05/10 14:04 EST		0	Source: Fire Department/Rescue
A tree was down on Griffinsburg Road.				
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CULPEPER COUNTY --- 1.9 NE CORDOVA [38.55, -78.01]				
	08/05/10 14:05 EST		1K	Thunderstorm Wind (EG 52 kt)
	08/05/10 14:05 EST		0	Source: Fire Department/Rescue
A tree was down on Dutch Hollow Road.				
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FAIRFAX COUNTY --- 2.3 WSW JOHNSONS CORNER [38.79, -77.49]				
	08/05/10 14:14 EST		0	Thunderstorm Wind (MG 52 kt)
	08/05/10 14:14 EST		0	Source: Mesonet
A wind gust of 60 mph was reported in Sudley.				
<hr/>				
FAIRFAX COUNTY --- 1.1 SE VIENNA [38.89, -77.25]				
	08/05/10 14:18 EST		5K	Thunderstorm Wind (EG 56 kt)
	08/05/10 14:18 EST		0	Source: Trained Spotter
Trees were down at the Vienna Woods Pool.				
<hr/>				
FAIRFAX COUNTY --- 1.4 S BURKE [38.78, -77.27]				
	08/05/10 14:24 EST		3K	Thunderstorm Wind (EG 50 kt)
	08/05/10 14:24 EST		0	Source: Broadcast Media
Large branches were snapped along Route 644 from Burke to Springfield.				
<hr/>				
FAIRFAX COUNTY --- 0.9 S CHESTERBROOK GARDENS [38.89, -77.20]				
	08/05/10 14:25 EST		20K	Thunderstorm Wind (EG 52 kt)
	08/05/10 14:25 EST		0	Source: Broadcast Media
A tree fell onto a home and car on the 700 Block of Tower Street. Two residents were injured.				
<hr/>				
ARLINGTON COUNTY --- 0.9 SW ARLINGTON [38.87, -77.14]				
	08/05/10 14:32 EST		1K	Thunderstorm Wind (EG 56 kt)
	08/05/10 14:32 EST		0	Source: Broadcast Media
A large tree was down near Baileys Crossroads.				
<hr/>				
ARLINGTON COUNTY --- 2.2 SSW ROSSLYN [38.85, -77.10]				
	08/05/10 14:35 EST		1K	Thunderstorm Wind (EG 56 kt)
	08/05/10 14:35 EST		0	Source: Broadcast Media

Storm Data and Unusual Weather Phenomena - August 2010

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
A large tree was down and it blocked South Stafford Street in Shirlington.				
ARLINGTON COUNTY --- 1.2 W ROSSLYN [38.88, -77.10]				
	08/05/10 14:38 EST		0	Thunderstorm Wind (MG 60 kt)
	08/05/10 14:38 EST		0	Source: Amateur Radio
A wind gust of 69 mph was measured in northwest Arlington.				
ALEXANDRIA (C) COUNTY --- 0.5 E POTOMAC YARD [38.83, -77.07]				
	08/05/10 14:40 EST		10K	Thunderstorm Wind (EG 78 kt)
	08/05/10 14:40 EST		0	Source: NWS Storm Survey
Trees and power lines were down on Monticello Boulevard.				
ALEXANDRIA (C) COUNTY --- 0.8 NNW POTOMAC YARD [38.84, -77.09]				
	08/05/10 14:40 EST		0	Thunderstorm Wind (MG 52 kt)
	08/05/10 14:40 EST		0	Source: Trained Spotter
A wind gust of 60 mph was measured at the intersection of 395 and Quaker Lane.				
ALEXANDRIA (C) COUNTY --- 1.0 E ALEXANDRIA [38.82, -77.06]				
	08/05/10 14:40 EST		15K	Thunderstorm Wind (EG 78 kt)
	08/05/10 14:40 EST		0	Source: Broadcast Media
Numerous trees were down in the Del Ray section of Alexandria.				
ALEXANDRIA (C) COUNTY --- 1.8 E ALEXANDRIA [38.82, -77.05]				
	08/05/10 14:40 EST		10K	Thunderstorm Wind (EG 75 kt)
	08/05/10 14:40 EST		0	Source: Trained Spotter
Windows were blown out of a coffee shop and trees 20-30 feet tall were down on Slaters Lane.				
ALEXANDRIA (C) COUNTY --- 1.9 E ALEXANDRIA [38.82, -77.04]				
	08/05/10 14:40 EST		5K	Thunderstorm Wind (EG 75 kt)
	08/05/10 14:40 EST		0	Source: Broadcast Media
Trees were down on George Washington Parkway forcing its closer near Slaters Lane.				
ARLINGTON COUNTY --- 2.1 SSW ROSSLYN [38.85, -77.09]				
	08/05/10 14:40 EST		35K	Thunderstorm Wind (EG 61 kt)
	08/05/10 14:40 EST		0	Source: Broadcast Media
Fifty trees were down in the Fairlington sections of Arlington.				
ARLINGTON COUNTY --- 2.2 SSW ROSSLYN [38.85, -77.09]				
	08/05/10 14:41 EST		15K	Thunderstorm Wind (MG 60 kt)
	08/05/10 14:41 EST		0	Source: Trained Spotter
Numerous large branches were down near Barcroft. A piece of siding was also torn off a house.				
ALEXANDRIA (C) COUNTY --- 0.9 ESE ALEXANDRIA [38.81, -77.07]				
	08/05/10 14:42 EST		0	Thunderstorm Wind (MG 58 kt)
	08/05/10 14:42 EST		0	Source: Trained Spotter
A wind gust of 67 mph was measured in Alexandria.				
ARLINGTON COUNTY --- 2.1 SSW ROSSLYN [38.85, -77.09]				
	08/05/10 14:42 EST		0	Thunderstorm Wind (MG 57 kt)
	08/05/10 14:42 EST		0	Source: Mesonet
A wind gust of 66 mph was reported near Barcroft.				

Storm Data and Unusual Weather Phenomena - August 2010

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
ARLINGTON COUNTY --- 1.8 SSE SOUTH WASHINGTON [38.85, -77.03]				
	08/05/10 14:45 EST		0	Thunderstorm Wind (MG 51 kt)
	08/05/10 14:45 EST		0	Source: ASOS
A wind gust of 59 mph was reported at Reagan National Airport.				
SPOTSYLVANIA COUNTY --- 1.1 SSW WILDERNESS CORNER [38.31, -77.71]				
	08/05/10 15:10 EST		0	Hail (1.00 in)
	08/05/10 15:10 EST		0	Source: Public
Quarter sized hail was reported on Stockade Drive near Cookstown.				
NELSON COUNTY --- 1.8 NE NORWOOD [37.67, -78.81]				
	08/05/10 15:20 EST		5K	Thunderstorm Wind (EG 56 kt)
	08/05/10 15:20 EST		0	Source: Fire Department/Rescue
Numerous trees were down east of Gladstone to Shipman.				
SPOTSYLVANIA COUNTY --- 0.8 NNW CHANCELLOR [38.28, -77.61]				
	08/05/10 15:22 EST		0	Hail (1.25 in)
	08/05/10 15:22 EST		0	Source: Public
Half dollar sized hail was reported on Elmwood Drive near Chancellorsville.				
AUGUSTA COUNTY --- 0.7 WSW CHURCHVILLE [38.23, -79.16]				
	08/05/10 15:25 EST		1K	Thunderstorm Wind (EG 50 kt)
	08/05/10 15:25 EST		0	Source: Fire Department/Rescue
A tree was down on the road near Churchville.				
STAUNTON (C) COUNTY --- 0.7 NE STAUNTON [38.16, -79.06]				
	08/05/10 15:25 EST		2K	Thunderstorm Wind (EG 50 kt)
	08/05/10 15:25 EST		0	Source: Fire Department/Rescue
Two trees were down in the northwestern portion of Staunton.				
SPOTSYLVANIA COUNTY --- 1.2 SW FIVE MILE [38.27, -77.57]				
	08/05/10 15:28 EST		0	Hail (1.00 in)
	08/05/10 15:28 EST		0	Source: Public
Quarter size hail was reported near Chancellorsville.				
SPOTSYLVANIA COUNTY --- 1.3 S FIVE MILE [38.26, -77.55]				
	08/05/10 15:30 EST		0	Hail (1.00 in)
	08/05/10 15:30 EST		0	Source: Public
Quarter size hail was reported near near Fredericksburg.				
LOUDOUN COUNTY --- 1.1 ENE DOVER [38.98, -77.65]				
	08/05/10 16:13 EST		2K	Thunderstorm Wind (EG 52 kt)
	08/05/10 16:13 EST		0	Source: NWS Employee
Trees were down along Route 50 near Aldie.				
CHARLOTTESVILLE (C) COUNTY --- 0.5 NW CHARLOTTESVILLE [38.04, -78.51]				
	08/05/10 16:20 EST		5K	Thunderstorm Wind (EG 56 kt)
	08/05/10 16:20 EST		0	Source: Emergency Manager
Several trees were down in the western parts of Newcomb Hall.				
CHARLOTTESVILLE (C) COUNTY --- 0.9 ENE CHARLOTTESVILLE [38.04, -78.49]				

Storm Data and Unusual Weather Phenomena - August 2010

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	08/05/10 16:22 EST		5K	Thunderstorm Wind (EG 56 kt)
	08/05/10 16:22 EST		0	Source: Fire Department/Rescue

Multiple trees were down across the county.

ORANGE COUNTY --- 1.2 NW THORNHILL [38.16, -77.99]

	08/05/10 16:54 EST		1K	Thunderstorm Wind (EG 50 kt)
	08/05/10 16:54 EST		0	Source: Fire Department/Rescue

Large tree limbs were down near the intersection of Marquis Road and Double W. Farm Road.

A hot and humid air mass remained over Virginia on the 5th. A series of upper-level disturbances in a zonal flow passed through the Mid-Atlantic during this time. Showers and thunderstorms developed during the afternoon and evening hours. There was enough instability from the hot and humid air mass for some thunderstorms to contain damaging winds and large hail.

FAIRFAX COUNTY --- 0.5 E PENDER [38.87, -77.36], 1.0 ESE PENDER [38.86, -77.35], 1.0 ESE PENDER [38.86, -77.36], 0.5 ESE PENDER [38.87, -77.36]

	08/05/10 16:45 EST		0	Flash Flood (due to Heavy Rain)
	08/05/10 17:45 EST		0	Source: Broadcast Media

Exit off Route 50 in vicinity of Fair Oaks Mall was impassable due to flowing water. A spotter in the area observed 2.50 inches of rain.

A trough of low pressure in advance of a cold front moving southeastward toward the Mid-Atlantic provided the lift to produce thunderstorms in a highly moist and unstable atmosphere. These thunderstorms dropped locally heavy rainfall, which caused an isolated flash flood in the western suburbs of metropolitan Washington.

CLARKE COUNTY --- 5.8 ESE BERRYVILLE [39.12, -77.87]

	08/12/10 13:30 EST		1K	Thunderstorm Wind (EG 52 kt)
	08/12/10 13:30 EST		0	Source: Broadcast Media

A large tree was down along Route 7 near Mountain Ridge Lane.

LOUDOUN COUNTY --- 0.7 SW BLUEMONT [39.11, -77.83]

	08/12/10 13:33 EST		1K	Thunderstorm Wind (EG 52 kt)
	08/12/10 13:33 EST		0	Source: Broadcast Media

A large tree was down along Route 7 between Williams Gap Road and Snickersville Turnpike.

LOUDOUN COUNTY --- 0.6 E MIDDLEBURG [38.97, -77.76]

	08/12/10 13:50 EST		1K	Thunderstorm Wind (EG 52 kt)
	08/12/10 13:50 EST		0	Source: Amateur Radio

Large branches and power lines were down on US 50 west of Middleburg.

LOUDOUN COUNTY --- 1.6 E MIDDLEBURG [38.97, -77.74]

	08/12/10 13:50 EST		0.50K	Thunderstorm Wind (EG 50 kt)
	08/12/10 13:50 EST		0	Source: Amateur Radio

Tree limbs were down near Middleburg.

FAUQUIER COUNTY --- 2.6 WNW HALFWAY [38.94, -77.77]

	08/12/10 13:54 EST		2K	Thunderstorm Wind (EG 50 kt)
	08/12/10 13:54 EST		0	Source: Fire Department/Rescue

Trees and wires were down about two miles northwest of Halfway.

FAUQUIER COUNTY --- 0.9 WSW HALFWAY [38.92, -77.75]

	08/12/10 13:55 EST		2K	Thunderstorm Wind (EG 50 kt)
	08/12/10 13:55 EST		0	Source: Fire Department/Rescue

Several trees and wires were blown down near Halfway.

LOUDOUN COUNTY --- 0.9 SE SUNNY BANK [38.97, -77.69]

Storm Data and Unusual Weather Phenomena - August 2010

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	08/12/10 13:58 EST		2K	Thunderstorm Wind (EG 56 kt)
	08/12/10 13:58 EST		0	Source: Emergency Manager
Several trees were down along highway 50 between Middleburg and Aldie.				
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FAUQUIER COUNTY --- 0.2 NW HOPEWELL [38.87, -77.72]	08/12/10 14:00 EST		3K	Thunderstorm Wind (EG 56 kt)
	08/12/10 14:00 EST		0	Source: Fire Department/Rescue
Several trees were down near The Plains.				
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FAUQUIER COUNTY --- 0.8 NE TURNBULL [38.69, -77.84]	08/12/10 14:05 EST		2K	Thunderstorm Wind (EG 56 kt)
	08/12/10 14:05 EST		0	Source: Fire Department/Rescue
Several trees were blown near Turnbull.				
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LOUDOUN COUNTY --- 1.6 SSW BLOOMFIELD [39.01, -77.81]	08/12/10 14:06 EST		3K	Thunderstorm Wind (EG 56 kt)
	08/12/10 14:06 EST		0	Source: Amateur Radio
A tree fell down onto a fence. the tree was twelve inches diameter.				
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PRINCE WILLIAM COUNTY --- 0.7 SW HAYMARKET [38.81, -77.64]	08/12/10 14:20 EST		1K	Thunderstorm Wind (EG 52 kt)
	08/12/10 14:20 EST		0	Source: Amateur Radio
A large tree was down in the Haymarket area.				
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FAUQUIER COUNTY --- 0.6 WNW REMINGTON [38.53, -77.81]	08/12/10 14:24 EST		15K	Thunderstorm Wind (EG 56 kt)
	08/12/10 14:24 EST		0	Source: Emergency Manager
A tree fell into a home at Remington.				
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CULPEPER COUNTY --- 0.1 E ELKWOOD [38.52, -77.85]	08/12/10 14:30 EST		0	Thunderstorm Wind (EG 50 kt)
	08/12/10 14:30 EST		0	Source: Public
A few branches of two inches in diameter were down near Elkwood.				
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CULPEPER COUNTY --- 1.1 SSW KELLYS FORD [38.47, -77.79]	08/12/10 14:39 EST		0	Hail (1.50 in)
	08/12/10 14:39 EST		0	Source: Public
Ping pong ball sized hail was reported near Sumerduck.				
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CULPEPER COUNTY --- 1.1 SSW KELLYS FORD [38.47, -77.79]	08/12/10 14:39 EST		1K	Thunderstorm Wind (EG 61 kt)
	08/12/10 14:39 EST		0	Source: Public
Tree limbs about four inches in diameter were blown down near Sumerduck.				
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PRINCE WILLIAM COUNTY --- 1.6 WSW MINNIEVILLE [38.63, -77.38]	08/12/10 14:48 EST		2K	Thunderstorm Wind (EG 52 kt)
	08/12/10 14:48 EST		0	Source: Fire Department/Rescue
Trees were down on Rexburg Court near Rhode Island Drive.				
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STAFFORD COUNTY --- 1.4 S STAFFORD [38.40, -77.40]	08/12/10 14:52 EST		0	Hail (1.00 in)
	08/12/10 14:52 EST		0	Source: Public

Storm Data and Unusual Weather Phenomena - August 2010

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Hail up to quarters in size was reported along Dishpan Lane near Brooke.				
CULPEPER COUNTY --- 1.4 SSW RICHARDSVILLE [38.38, -77.74]				
	08/12/10 14:53 EST		0	Hail (2.00 in)
	08/12/10 14:53 EST		0	Source: Public
Hail two inches in diameter was reported on Halls Road near Richardsville.				
CULPEPER COUNTY --- 1.4 SSW RICHARDSVILLE [38.38, -77.74]				
	08/12/10 14:53 EST		5K	Thunderstorm Wind (EG 61 kt)
	08/12/10 14:53 EST		0	Source: Public
Numerous large limbs were blown off in very strong winds along Halls Road.				
SPOTSYLVANIA COUNTY --- 1.1 S WILDERNESS CORNER [38.30, -77.70]				
	08/12/10 15:10 EST		1K	Thunderstorm Wind (EG 56 kt)
	08/12/10 15:10 EST		0	Source: Public
A large tree was down near the intersection of Brock Road and Orange Plank Road.				
STAFFORD COUNTY --- 0.3 WSW WHITE OAK [38.30, -77.37]				
	08/12/10 15:10 EST		10K	Thunderstorm Wind (EG 61 kt)
	08/12/10 15:10 EST		0	Source: NWS Storm Survey
A track of patchy damage was noted from near the Stafford County Landfill to Deshazo Lane. Trees were snapped and a cluster of shingles was removed from the roof of a house.				
SPOTSYLVANIA COUNTY --- 0.6 NNE ALSOP [38.21, -77.65]				
	08/12/10 15:25 EST		5K	Thunderstorm Wind (EG 52 kt)
	08/12/10 15:25 EST		0	Source: Fire Department/Rescue
Numerous trees were down near the intersection of Robert E Lee Drive and Gibson Lane.				
SPOTSYLVANIA COUNTY --- 1.0 ESE ALSOP [38.19, -77.63]				
	08/12/10 15:30 EST		0	Hail (1.00 in)
	08/12/10 15:30 EST		0	Source: Public
Quarter sized hail was reported on Millwood Lane near Alsop.				
SPOTSYLVANIA COUNTY --- 0.8 SSW SPOTSYLVANIA [38.19, -77.59]				
	08/12/10 15:32 EST		3K	Thunderstorm Wind (EG 52 kt)
	08/12/10 15:32 EST		0	Source: Fire Department/Rescue
Trees were blocking the roadway along Courthouse Road.				
A backdoor cold front stalled out over the region on the 12th while and upper-level disturbance passed through the area. A hot and humid air mass ahead of the cold front produced moderate amounts of instability. Some thunderstorms that developed were able to produce damaging wind and large hail.				
FAIRFAX COUNTY --- 0.8 NNW SWINKS MILL [38.96, -77.21], 0.7 NNW SWINKS MILL [38.96, -77.20], 0.6 NNW SWINKS MILL [38.96, -77.20], 0.7 NNW SWINKS MILL [38.96, -77.21]				
	08/18/10 05:35 EST		0	Flash Flood (due to Heavy Rain)
	08/18/10 06:35 EST		0	Source: Broadcast Media
Georgetown Pike at Swanks Mill Road was closed due to flash flooding. A rainfall report from the area was received of 3.68 inches.				
FAIRFAX COUNTY --- 0.7 WNW CLARKS CROSSING [38.92, -77.31], 0.2 WNW CLARKS CROSSING [38.92, -77.30], 0.4 S CLARKS CROSSING [38.91, -77.30], 0.7 W CLARKS CROSSING [38.92, -77.31]				
	08/18/10 05:58 EST		0	Flash Flood (due to Heavy Rain)
	08/18/10 06:58 EST		0	Source: Broadcast Media
Lawyers Road near Hunter Mill Road was closed due to high water. A rain gauge near the area measured 2.86 inches of rain.				

Storm Data and Unusual Weather Phenomena - August 2010

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
FAIRFAX COUNTY --- 0.7 W KENMORE [38.95, -77.28], 0.8 W KENMORE [38.95, -77.28], 0.8 W KENMORE [38.95, -77.28], 0.8 W KENMORE [38.95, -77.28]				
	08/18/10 06:00 EST		25K	Flash Flood (due to Heavy Rain)
	08/18/10 07:00 EST		0	Source: Broadcast Media

A bridge on Beulah Road was washed out at Wolftrap Run. Rainfall in the area was measured at 2.91 inches.

FAIRFAX COUNTY --- 0.5 E ELKINS [38.98, -77.26], 0.7 ENE ELKINS [38.98, -77.26], 0.9 N PEACOCK [38.98, -77.25], 0.7 NNW PEACOCK [38.98, -77.26]				
	08/18/10 06:15 EST		0	Flood (due to Heavy Rain)
	08/18/10 07:15 EST		0	Source: Broadcast Media

The intersection of Old Dominion Drive at Georgetown Pike was flooding. A rain gauge in the area measured 4.58 inches.

FAIRFAX COUNTY --- 0.9 SW SPRING HILL [38.94, -77.24], 0.7 N MC LEAN HAMLET [38.94, -77.23], 0.5 NNW MC LEAN HAMLET [38.94, -77.23], 0.9 NW MC LEAN HAMLET [38.94, -77.24], 1.2 ESE KENMORE [38.94, -77.25], 1.1 ESE KENMORE [38.94, -77.25]				
	08/18/10 07:15 EST		0	Flood (due to Heavy Rain)
	08/18/10 08:15 EST		0	Source: Broadcast Media

Flooding was reported on Lewinsville Road between Route 7 and Springhill Road. A rain gauge near the area was reported to have measured 4.37 inches.

FAIRFAX COUNTY --- 11.3 NW HERNDON HGTS [39.11, -77.52], 11.4 NW HERNDON HGTS [39.11, -77.52], 11.3 NW HERNDON HGTS [39.11, -77.52], 11.2 NW HERNDON HGTS [39.11, -77.52]				
	08/18/10 07:45 EST		0	Flash Flood (due to Heavy Rain)
	08/18/10 08:45 EST		0	Source: Emergency Manager

Edwards Ferry Road was closed due to flash flooding on Cattail Creek. A rain gauge in the area observed 2.77 inches.

Low pressure moved west to east along a stationary boundary draped across far northern Virginia and Maryland. Thunderstorms associated with this low pressure produced very high rainfall rates with the aide of a moisture laden atmosphere. Flash flooding and other nuisance flooding was reported across northern Fairfax County during the morning from rainfall amounts of 2 to 4 inches in less than 3 hours.

NELSON COUNTY --- 2.0 NE ELMA [37.77, -78.77]				
	08/26/10 15:38 EST		0.50K	Thunderstorm Wind (EG 50 kt)
	08/26/10 15:38 EST		0	Source: Public

Tree limbs two to three inches in diameter were blown down near Elma.

NELSON COUNTY --- 2.0 SW ROCKFISH [37.78, -78.80]				
	08/26/10 15:41 EST		0.50K	Thunderstorm Wind (EG 52 kt)
	08/26/10 15:41 EST		0	Source: Public

Tree limbs three to four inches in diameter were blown down near Rockfish.

A cold front passed through central Virginia on the 26th. There was just enough instability for a couple thunderstorms to mix down gusty winds from aloft.

WEST VIRGINIA, East

GRANT COUNTY --- 2.7 WNW MT PISGAH [39.30, -79.21]				
	08/04/10 16:55 EST		7K	Thunderstorm Wind (EG 61 kt)
	08/04/10 16:55 EST		0	Source: Fire Department/Rescue

Trees were down across the county.

MINERAL COUNTY --- 0.4 NW ELK GARDEN [39.38, -79.15]				
	08/04/10 16:55 EST		3K	Thunderstorm Wind (EG 56 kt)
	08/04/10 16:55 EST		0	Source: Amateur Radio

Trees and power lines were down down near Elk Garden.

Storm Data and Unusual Weather Phenomena - August 2010

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
MINERAL COUNTY --- 1.4 ENE LIMESTONE [39.44, -78.95]				
	08/04/10 17:00 EST		7K	Thunderstorm Wind (EG 56 kt)
	08/04/10 17:00 EST		0	Source: Fire Department/Rescue
Trees were down along roads across the county.				
MINERAL COUNTY --- 3.1 NW NEW CREEK [39.40, -79.07]				
	08/04/10 17:00 EST		0	Thunderstorm Wind (MG 51 kt)
	08/04/10 17:00 EST		0	Source: Mesonet
A wind gust of 59 mph was measured near New Creek.				
HARDY COUNTY --- 2.6 E FLATS [39.18, -78.93]				
	08/04/10 17:16 EST		7K	Thunderstorm Wind (EG 52 kt)
	08/04/10 17:16 EST		0	Source: Fire Department/Rescue
Trees were down across the county.				
PENDLETON COUNTY --- 0.5 NW MOUTH OF SENECA [38.83, -79.38]				
	08/04/10 17:18 EST		1K	Thunderstorm Wind (EG 52 kt)
	08/04/10 17:18 EST		0	Source: Fire Department/Rescue
A tree was down on US 33 in Seneca Rocks.				
HAMPSHIRE COUNTY --- 1.4 NNW NORTH RIVER MILLS [39.35, -78.53]				
	08/04/10 17:25 EST		3K	Thunderstorm Wind (EG 65 kt)
	08/04/10 17:25 EST		0	Source: Fire Department/Rescue
Multiple trees were down along roads across the county.				
HAMPSHIRE COUNTY --- 0.6 ENE YELLOW SPG [39.18, -78.51]				
	08/04/10 17:30 EST		50K	Thunderstorm Wind (EG 70 kt)
	08/04/10 17:30 EST		0	Source: Newspaper
Two mobile homes were destroyed. One had the roof blown off and the other had a tree that fell into it.				
HAMPSHIRE COUNTY --- 1.4 SW CAPON BRIDGE [39.29, -78.47]				
	08/04/10 17:31 EST		3K	Thunderstorm Wind (EG 61 kt)
	08/04/10 17:31 EST		0	Source: Trained Spotter
Trees were down on Dillions Run Road.				
<p>High pressure over the Atlantic Ocean continued to pump in hot and humid air over the Mid-Atlantic. A series of upper-level disturbances in the jet stream passed through eastern West Virginia triggering showers and thunderstorms during this time. There was enough instability from the hot and humid air for some thunderstorms to contain damaging winds during the afternoon and evening hours.</p>				