

Storm Data and Unusual Weather Phenomena - August 2014

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

ATLANTIC NORTH

TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- 1.1 SE LYLES-CROUCH ACADEMY ALEXANDRIA [38.79, -77.04]				
	08/12/14 11:30 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	08/12/14 11:30 EST		0	Source: Buoy

Wind gusts of 31 knots were measured at Upper Potomac Buoy.

TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- 0.3 NE POTOMAC BUOY [38.03, -76.34]				
	08/12/14 12:30 EST		0	Marine Thunderstorm Wind (MG 47 kt)
	08/12/14 12:40 EST		0	Source: Buoy

Wind gusts of 43-47 knots were measured at Lower Potomac Buoy.

TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- 0.3 NE POTOMAC BUOY [38.03, -76.34]				
	08/12/14 13:10 EST		0	Marine Thunderstorm Wind (MG 49 kt)
	08/12/14 13:40 EST		0	Source: Buoy

Wind gusts of 31-49 knots were measured at Lower Potomac Buoy.

CHESAPEAKE BAY DRUM PT TO SMITH PT VA COUNTY --- 9.9 N PATUXENT RIVER ASOS [38.43, -76.39]				
	08/12/14 13:36 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	08/12/14 13:54 EST		0	Source: Mesonet

Wind gusts of 31 knots were measured at Cove Point.

CHESAPEAKE BAY DRUM PT TO SMITH PT VA COUNTY --- 28.4 NNW PATUXENT RIVER ASOS [38.69, -76.53]				
	08/12/14 15:25 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	08/12/14 15:25 EST		0	Source: Mesonet

Wind gusts of 31 knots were measured at Rod N Reel.

CHESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY --- 15.5 NNE CHESAPEAKE BEACH [38.90, -76.44]				
	08/12/14 16:20 EST		0	Marine Thunderstorm Wind (MG 34 kt)
	08/12/14 16:20 EST		0	Source: Mesonet

Wind gusts of 33 knots were measured at Thomas Point.

CHESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY --- 17.9 NNE CHESAPEAKE BEACH [38.94, -76.44]				
	08/12/14 17:29 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	08/12/14 17:29 EST		0	Source: Mesonet

Wind gusts of 34 knots were measured at Tolly Point.

High pressure resided across the east coast while a warm front was located across the Carolinas. Moist air continued to move into the Mid Atlantic as showers intensified ahead of the warm front. Heavy rain produced gusty winds and flooding in parts of the Washington DC and Baltimore Metro Areas. Thunderstorms produced damaging winds west of the Blue Ridge.

TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- 0.9 NE QUANTICO [38.51, -77.30]				
	08/20/14 17:14 EST		0	Marine Thunderstorm Wind (MG 37 kt)
	08/20/14 17:14 EST		0	Source: AWOS

Wind gusts of 37 knots were measured at Quantico.

A shortwave trough approached the Mid-Atlantic while a stationary boundary was across the region. Warm and moist conditions led to a unstable environment and showers and thunderstorms moved across the region. Some storms led to damaging winds.

TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- 1.1 SE LYLES-CROUCH ACADEMY ALEXANDRIA [38.79, -77.04]				
	08/21/14 16:20 EST		0	Marine Thunderstorm Wind (MG 39 kt)
	08/21/14 16:20 EST		0	Source: Buoy

Wind gusts of 39 knots were measured at Upper Potomac Buoy.

Storm Data and Unusual Weather Phenomena - August 2014

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

A shortwave trough approached the Mid-Atlantic while a stationary boundary was across the region. Warm and moist conditions led to a unstable environment and showers and thunderstorms moved across the region. Some storms led to damaging winds.

TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- 2.1 NNW WASHINGTON NATIONALS PARK [38.90, -77.02]

08/31/14 22:25 EST		0	Marine Thunderstorm Wind (MG 39 kt)
08/31/14 22:25 EST		0	Source: Utility Company

Wind gusts of 39 knots were measured at PEPCO.

A lee trough developed across the Mid-Atlantic that led to the development of showers and thunderstorms. The atmosphere was unstable and scattered storms produced damaging winds.

DISTRICT OF COLUMBIA

DISTRICT OF COLUMBIA COUNTY --- 0.7 SW WALTER REED [38.97, -77.04], 0.8 SW WALTER REED [38.97, -77.04], 0.8 SW WALTER REED [38.97, -77.04], 0.7 SW WALTER REED [38.97, -77.04]

08/12/14 10:50 EST		0	Flash Flood (due to Heavy Rain)
08/12/14 13:45 EST		0	Source: Other Federal Agency

Rock Creek exceeded its flood stage of 7 feet. There were numerous road closures reported and park areas were flooded throughout the afternoon. The river went above flood stage at 10:50 AM EDT and transitioned to flood. The peak was at 9.89 feet at 6:30 PM EDT and went below flood stage at 11:10 PM EDT.

High pressure resided across the east coast while a warm front was located across the Carolinas. Moist air continued to move into the Mid Atlantic as showers intensified ahead of the warm front. Heavy rain produced flooding in parts of the Washington DC and Baltimore Metro Areas.

DISTRICT OF COLUMBIA COUNTY --- 1.0 W BROOKLAND [38.93, -77.02]

08/31/14 17:22 EST		0	Thunderstorm Wind (EG 52 kt)
08/31/14 17:22 EST		0	Source: Fire Department/Rescue

There was a tree down on homes at the 3500 Block of Park Place NW.

A lee trough developed across the Mid-Atlantic that led to the development of showers and thunderstorms. The atmosphere was unstable and scattered storms produced damaging winds.

MARYLAND, Central

FREDERICK COUNTY --- 0.9 SSW SABILLASVILLE [39.69, -77.48]

08/03/14 18:15 EST		0	Thunderstorm Wind (EG 52 kt)
08/03/14 18:15 EST		0.25K	Source: Other Federal Agency

There was a tree down on Buck Lantz Road.

BALTIMORE COUNTY --- 1.0 E MC DONOUGH [39.40, -76.73]

08/03/14 20:27 EST		0	Hail (1.00 in)
08/03/14 20:27 EST		0	Source: Trained Spotter

A surface trough was across the Mid-Atlantic and warm and humid conditions led to a unstable environment. Showers and thunderstorms formed near the surface trough. Damaging winds and large hail were reported in some thunderstorms.

(MD-Z003) WASHINGTON, (MD-Z004) FREDERICK, (MD-Z005) CARROLL

08/04/14 01:00 EST		0	Dense Fog
08/04/14 07:00 EST		0	

A surface trough was located across the area. Clearing occurred overnight and dense fog formed across a saturated ground.

MONTGOMERY COUNTY --- 0.4 ENE KENSINGTON ESTATES [39.03, -77.06], 0.8 S LUXMANOR [39.04, -77.12], 1.2 E WOODHAVEN [39.00, -77.11], 1.1 W GEORGETOWN JCT [39.00, -77.07]

Storm Data and Unusual Weather Phenomena - August 2014

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	08/12/14 10:34 EST		0	Flash Flood (due to Heavy Rain)
	08/12/14 13:45 EST		0	Source: Emergency Manager

Cedar Lane was closed between Beach Drive and Maryland 355 Due to high water.

MONTGOMERY COUNTY --- 1.4 N TAKOMA PARK [38.99, -77.00], 1.4 NNW TAKOMA PARK [38.99, -77.01], 1.1 NNW TAKOMA PARK [38.98, -77.01], 1.2 N TAKOMA PARK [38.99, -77.00]

08/12/14 10:41 EST	0	Flash Flood (due to Heavy Rain)
08/12/14 13:45 EST	0	Source: River/Stream Gage

Sligo Creek overflowed its banks. A portion of Sligo Creek Parkway was closed. A water rescue had to be performed near the intersection of Sligo Creek Parkway and Kennebec Avenue. Sligo Creek went above flood stage at 11:41 AM EDT and peaked at 6.34 feet at 12:05 PM EDT and below at 12:22 PM EDT. It went above flood stage again at 12:55 PM EDT and peaked at 6.58 feet at 1:25 PM EDT and below at 1:55 PM EDT.

MONTGOMERY COUNTY --- 0.7 N CARDEROCK SPGS [39.01, -77.17], 0.8 NNW CARDEROCK SPGS [39.01, -77.18], 0.5 NW CARDEROCK SPGS [39.01, -77.18], 0.4 NNW CARDEROCK SPGS [39.01, -77.17]

08/12/14 10:43 EST	0	Flash Flood (due to Heavy Rain)
08/12/14 10:43 EST	0	Source: Emergency Manager

There was a swift water rescue on Bradley Blvd and Mercy Hollow Lane.

MONTGOMERY COUNTY --- 0.7 S PARKWOOD [39.01, -77.08], 0.7 S PARKWOOD [39.01, -77.08], 0.9 S PARKWOOD [39.01, -77.08], 0.9 S PARKWOOD [39.01, -77.08]

08/12/14 11:34 EST	0	Flash Flood (due to Heavy Rain)
08/12/14 15:45 EST	0	Source: Department of Highways

Maryland route 185 was flooded and closed at the Rock Creek crossing near Beach Drive.

PRINCE GEORGE'S COUNTY --- 0.4 ESE LAUREL [39.10, -76.84], 0.2 S LAUREL [39.10, -76.85], 0.4 S LAUREL [39.09, -76.85], 0.4 SE LAUREL [39.09, -76.85]

08/12/14 11:45 EST	0	Flash Flood (due to Heavy Rain)
08/12/14 17:45 EST	0	Source: Broadcast Media

There was water up to the headlights of cars off Bowie Road east of Route 1. The road was closed.

MONTGOMERY COUNTY --- 0.8 WSW GEORGETOWN JCT [38.99, -77.06], 0.9 WSW GEORGETOWN JCT [38.99, -77.06], 0.9 WSW GEORGETOWN JCT [38.99, -77.06], 0.8 SW GEORGETOWN JCT [38.99, -77.06]

08/12/14 12:08 EST	0	Flash Flood (due to Heavy Rain)
08/12/14 15:45 EST	0	Source: Emergency Manager

There was a water rescue on the 3100 Block of East-West Highway.

BALTIMORE COUNTY --- 0.8 SE HALETHORPE [39.24, -76.69], 0.6 SSE HALETHORPE [39.24, -76.70], 0.7 NNE RELAY [39.24, -76.69], 0.9 NE RELAY [39.24, -76.69]

08/12/14 12:10 EST	0	Flash Flood (due to Heavy Rain)
08/12/14 17:45 EST	0	Source: River/Stream Gage

The east branch Herbert Run exceeded its flood stage of 7 feet. The stream was out of its banks and covering yards near the stream. It went above flood stage at 1:10 PM EDT and peaked at 9.08 feet at 1:45 PM EDT.

ANNE ARUNDEL COUNTY --- 0.2 SSW POINT PLEASANT [39.18, -76.58], 1.0 ENE GLEN BURNIE [39.18, -76.61], 0.9 NW MARLEY [39.16, -76.61], 0.7 SSW MARGATE [39.16, -76.58]

08/12/14 12:15 EST	0	Flash Flood (due to Heavy Rain)
08/12/14 17:45 EST	0	Source: Department of Highways

Dorsey Road was flooded and closed at Sawmill Creek between Central Avenue and Route 648.

MONTGOMERY COUNTY --- 1.2 E WHEATON HILLS [39.07, -77.03], 1.0 E WHEATON HILLS [39.07, -77.03], 1.1 ESE WHEATON HILLS [39.06, -77.03], 1.3 ESE WHEATON HILLS [39.07, -77.03]

08/12/14 12:28 EST	0	Flash Flood (due to Heavy Rain)
08/12/14 15:45 EST	0	Source: River/Stream Gage

Storm Data and Unusual Weather Phenomena - August 2014

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

The Northwest Branch near Colesville was out of its banks rising 7 feet in two hours per the USGS Stream Gauge. The river reached flood stage at 1:28 PM EDT and peaked at 9.12 feet at 2 PM EDT.

HOWARD COUNTY --- 1.0 ENE SAVAGE [39.14, -76.81], 0.8 ENE SAVAGE [39.14, -76.82], 0.7 ENE SAVAGE [39.13, -76.82], 0.9 ENE SAVAGE [39.13, -76.81]

	08/12/14 12:40 EST	0	0	Flood (due to Heavy Rain)
	08/12/14 12:40 EST	0	0	Source: Other Federal Agency

There were fields and trails flooded near the Little Patuxent River. It went above flood stage at 1740 UTC and peaked at 10.88 feet at 2045 UTC. It went below flood stage at 0006 UTC.

ANNE ARUNDEL COUNTY --- 0.1 S RAYNOR HGTS [39.22, -76.67], 0.3 SW RAYNOR HGTS [39.22, -76.67], 0.5 SSW RAYNOR HGTS [39.21, -76.67], 0.4 S RAYNOR HGTS [39.21, -76.67]

	08/12/14 12:45 EST	0	0	Flash Flood (due to Heavy Rain)
	08/12/14 17:45 EST	0	0	Source: Broadcast Media

There was water more than halfway up the wheels of cars in the parking lots near Linthicum Heights.

ANNE ARUNDEL COUNTY --- 0.9 NE STONY RUN [39.19, -76.69], 0.7 NE STONY RUN [39.19, -76.69], 0.4 ENE STONY RUN [39.18, -76.69], 0.7 ENE STONY RUN [39.18, -76.69]

	08/12/14 12:47 EST	0	0	Flash Flood (due to Heavy Rain)
	08/12/14 17:45 EST	0	0	Source: Department of Highways

Aviation Boulevard was reported to be flooded and completely closed at the road leading to the MARC and Amtrack Station.

ANNE ARUNDEL COUNTY --- 1.1 SSE ARUNDEL GARDENS [39.19, -76.61], 1.1 S ARUNDEL GARDENS [39.18, -76.62], 1.1 NE GLEN BURNIE [39.18, -76.62], 1.2 NE GLEN BURNIE [39.18, -76.61]

	08/12/14 12:52 EST	0	0	Flash Flood (due to Heavy Rain)
	08/12/14 17:45 EST	0	0	Source: Department of Highways

All lanes on route 3 were flooded by Sawmill Creek and closed near Furnace Branch Road.

ANNE ARUNDEL COUNTY --- 0.2 ENE (BWI)BALTMOR-WSHNGTN [39.17, -76.67], 0.1 NW (BWI)BALTMOR-WSHNGTN [39.17, -76.67], 0.1 WSW (BWI)BALTMOR-WSHNGTN [39.17, -76.67], 0.2 ESE (BWI)BALTMOR-WSHNGTN [39.17, -76.67]

	08/12/14 12:57 EST	0	0	Flash Flood (due to Heavy Rain)
	08/12/14 17:45 EST	0	0	Source: Public

Flooding was reported at the maintenance shop at BWI.

ANNE ARUNDEL COUNTY --- 0.2 NE (BWI)BALTMOR-WSHNGTN [39.17, -76.67], 0.1 NW (BWI)BALTMOR-WSHNGTN [39.17, -76.67], 0.1 WSW (BWI)BALTMOR-WSHNGTN [39.17, -76.67], 0.1 E (BWI)BALTMOR-WSHNGTN [39.17, -76.67]

	08/12/14 12:58 EST	0	0	Flash Flood (due to Heavy Rain)
	08/12/14 17:45 EST	0	0	Source: Broadcast Media

There was water flowing over roadways and there was damage to up to 100 vehicles in Long Term Parking Lots A and B at BWI Airport.

BALTIMORE CITY (C) COUNTY --- 0.3 NE MT WINANS [39.27, -76.65], 0.2 N MT WINANS [39.27, -76.65], 0.1 NNE MT WINANS [39.27, -76.65], 0.2 ENE MT WINANS [39.27, -76.65]

	08/12/14 13:03 EST	0	0	Flash Flood (due to Heavy Rain)
	08/12/14 17:45 EST	0	0	Source: River/Stream Gage

Gwynns Falls exceeded its flood stage of 13 feet with minor overbank flooding occurring for about an hour near the Gwynns Falls Trail . It went above flood stage at 2:03 PM EDT and peaked at 13.78 feet at 2:20 PM EDT. It went below flood stage at 3:02 PM EDT.

BALTIMORE COUNTY --- 4.2 SSE BALTIMORE HIGHLANDS [39.17, -76.63], 4.2 SSE BALTIMORE HIGHLANDS [39.17, -76.63], 4.3 SSE BALTIMORE HIGHLANDS [39.17, -76.63], 4.3 SSE BALTIMORE HIGHLANDS [39.17, -76.63]

	08/12/14 13:15 EST	0	0	Flash Flood (due to Heavy Rain)
	08/12/14 17:45 EST	0	0	Source: River/Stream Gage

The stream gauge on Sawmill Creek exceeded its flood stage of 5 feet. Numerous roads were closed and flooding was reported in two businesses. This is the highest creek level ever recorded at this location and records date back to 1983. The record crest of 7.61 feet at 4:30 PM EDT.

Storm Data and Unusual Weather Phenomena - August 2014

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
BALTIMORE CITY (C) COUNTY --- 1.2 SE CURTIS BAY [39.21, -76.55], 1.0 SSE CURTIS BAY [39.21, -76.56], 1.2 SSE CURTIS BAY [39.20, -76.56], 1.4 SSE CURTIS BAY [39.20, -76.56]				
	08/12/14 13:22 EST		0	Flash Flood (due to Heavy Rain)
	08/12/14 17:45 EST		0	Source: Department of Highways
The outer loop of the Baltimore Beltway was flooded and completely closed at Quarantine Road. All traffic was diverted.				
BALTIMORE COUNTY --- 1.3 NNW BALTIMORE HIGHLANDS [39.25, -76.66], 1.4 NNW BALTIMORE HIGHLANDS [39.25, -76.66], 1.2 NW BALTIMORE HIGHLANDS [39.24, -76.66], 1.1 NNW BALTIMORE HIGHLANDS [39.24, -76.66]				
	08/12/14 13:25 EST		0	Flash Flood (due to Heavy Rain)
	08/12/14 17:45 EST		0	Source: Department of Highways
Maryland 295 was flooded and closed between the Baltimore Beltway and Westport.				
BALTIMORE CITY (C) COUNTY --- 1.3 N FAIRFIELD [39.25, -76.57], 1.3 N CRISP [39.25, -76.58], 1.1 N CRISP [39.25, -76.58], 1.1 N FAIRFIELD [39.25, -76.57]				
	08/12/14 13:29 EST		0	Flash Flood (due to Heavy Rain)
	08/12/14 17:45 EST		0	Source: Department of Highways
The Baltimore Harbor Tunnel was closed due to flooding.				
CHARLES COUNTY --- 1.2 WSW MATTAWOMAN [38.64, -76.90], 1.2 NE WALDORF [38.64, -76.91], 1.1 NE WALDORF [38.64, -76.91], 1.3 NE WALDORF [38.64, -76.90]				
	08/12/14 13:50 EST		0	Flash Flood (due to Heavy Rain)
	08/12/14 21:30 EST		0	Source: Public
There was more than six inches of water flowing over Timberbrook Drive in Waldorf. Yards were also flooded with water near a home.				
PRINCE GEORGE'S COUNTY --- 2.1 ESE CLINTON [38.76, -76.86], 0.6 NNE SURRATS GARDENS [38.76, -76.90], 0.5 SE SURRATS GARDENS [38.75, -76.89], 2.0 E SURRATS GARDENS [38.75, -76.86]				
	08/12/14 13:50 EST		0	Flash Flood (due to Heavy Rain)
	08/12/14 21:30 EST		0	Source: Fire Department/Rescue
There was a water rescue performed on Surrats Road at the Fox Run crossing near Branch Avenue.				
BALTIMORE COUNTY --- 0.6 SE HALETHORPE [39.24, -76.69], 0.6 SE HALETHORPE [39.24, -76.69], 0.7 SE HALETHORPE [39.24, -76.69], 0.7 SE HALETHORPE [39.24, -76.69]				
	08/12/14 13:53 EST		0	Flash Flood (due to Heavy Rain)
	08/12/14 17:45 EST		0	Source: Public
There was at least six inches of water flowing across Benson Avenue in Arbutus.				
PRINCE GEORGE'S COUNTY --- 1.2 ESE SURRATS GARDENS [38.74, -76.88], 0.9 SE SURRATS GARDENS [38.74, -76.89], 0.7 NE CRESTVIEW MANOR [38.74, -76.89], 1.0 ENE CRESTVIEW MANOR [38.74, -76.88]				
	08/12/14 14:51 EST		0	Flash Flood (due to Heavy Rain)
	08/12/14 21:30 EST		0	Source: Fire Department/Rescue
There were water rescues from homes. There was three feet of water reported in a business near Piscataway Creek on Brandywine Road.				
ANNE ARUNDEL COUNTY --- 1.0 SSW GREEN HAVEN [39.12, -76.56], 1.1 ESE ELVATON [39.12, -76.56], 1.1 NNE PASADENA [39.11, -76.56], 1.0 NNW EARLEIGH HGTS [39.11, -76.56]				
	08/12/14 16:19 EST		0	Flash Flood (due to Heavy Rain)
	08/12/14 19:15 EST		0	Source: Department of Highways
The Baltimore Annapolis Boulevard was flooded and closed at Magothy River crossing near Pasadena.				
ANNE ARUNDEL COUNTY --- 0.4 N PAROLE [38.99, -76.53], 0.6 NW PAROLE [38.99, -76.54], 0.4 WNW PAROLE [38.98, -76.54], 0.1 NNW PAROLE [38.98, -76.53]				
	08/12/14 16:23 EST		0	Flash Flood (due to Heavy Rain)
	08/12/14 19:15 EST		0	Source: Public
There was a water rescue on West Street at Hudson Street. The car was stranded in three feet of water.				

Storm Data and Unusual Weather Phenomena - August 2014

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
PRINCE GEORGE'S COUNTY --- 0.7 NNE PISCATAWAY [38.71, -76.96], 0.5 NNE PISCATAWAY [38.71, -76.97], 0.4 NNE PISCATAWAY [38.71, -76.97], 0.5 NE PISCATAWAY [38.71, -76.96]				
	08/12/14 18:00 EST		0	Flood (due to Heavy Rain)
	08/12/14 20:00 EST		0	Source: Other Federal Agency
Piscataway Creek exceeded the flood stage of 12 feet. Roads in the area were reported flooded. It went above flood stage at 2300 UTC and peaked at 13.41 feet at 0415 UTC. It went below flood stage at 0457 UTC.				
PRINCE GEORGE'S COUNTY --- 0.6 NE PISCATAWAY [38.71, -76.96], 0.4 NE PISCATAWAY [38.70, -76.97], 0.3 NE PISCATAWAY [38.70, -76.97], 0.5 ENE PISCATAWAY [38.70, -76.96]				
	08/12/14 18:23 EST		0	Flood (due to Heavy Rain)
	08/12/14 20:23 EST		0	Source: Fire Department/Rescue
There was a water rescue performed near Floral Park Road and St Marys View Drive near Piscataway Creek.				
PRINCE GEORGE'S COUNTY --- 0.1 NNE UPPER MARLBORO [38.82, -76.75], 0.4 W UPPER MARLBORO [38.82, -76.76], 0.5 WSW UPPER MARLBORO [38.82, -76.76], 0.3 SSW UPPER MARLBORO [38.82, -76.75]				
	08/12/14 23:22 EST		0	Flood (due to Heavy Rain)
	08/13/14 11:00 EST		0	Source: Other Federal Agency
The western branch was out of its banks. Water Street in Upper Marlboro was flooded and reported to be closed . It was above flood stage at 0422 UTC and peaked at 0615 UTC. It went below flood stage at 1100 UTC.				
High pressure resided across the east coast while a warm front was located across the Carolinas. Moist air continued to move into the Mid Atlantic as showers intensified ahead of the warm front. Heavy rain produced flooding in parts of the Washington DC and Baltimore Metro Areas.				
(MD-Z003) WASHINGTON				
	08/21/14 03:00 EST		0	Dense Fog
	08/21/14 07:00 EST		0	
The Mid-Atlantic was saturated after multiple passages of disturbances. Calm winds and clearing led to dense fog formation across most of the region.				
HARFORD COUNTY --- 1.2 W GIBSON [39.58, -76.35]				
	08/21/14 16:32 EST		0	Thunderstorm Wind (EG 52 kt)
	08/21/14 16:32 EST		0.25K	Source: Public
There were large tree branches down on Johnson Mill Road near Ady Road.				
HARFORD COUNTY --- 1.0 NW GIBSON [39.59, -76.35]				
	08/21/14 16:33 EST		2K	Thunderstorm Wind (EG 52 kt)
	08/21/14 16:33 EST		0.50K	Source: Emergency Manager
There were power lines and large tree branches down on 2300 Block of Ady Road.				
HARFORD COUNTY --- 1.0 W FOUNTAIN GREEN [39.55, -76.32]				
	08/21/14 16:41 EST		0	Thunderstorm Wind (EG 52 kt)
	08/21/14 16:41 EST		0.25K	Source: Public
There was a large tree branch down.				
BALTIMORE COUNTY --- 1.1 SE GLENCOE [39.54, -76.61]				
	08/21/14 19:45 EST		0	Thunderstorm Wind (EG 52 kt)
	08/21/14 19:45 EST		0	Source: 911 Call Center
There was a tree down near the intersection of Carroll Road and Sparks Road.				
A shortwave trough approached the Mid-Atlantic while a stationary boundary was across the region. Warm and moist conditions led to a unstable environment and showers and thunderstorms moved across the region. Some storms led to damaging winds.				
MONTGOMERY COUNTY --- 1.1 SE WOODHAVEN [38.99, -77.12]				

Storm Data and Unusual Weather Phenomena - August 2014

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	08/31/14 17:13 EST		2K	Thunderstorm Wind (EG 52 kt)
	08/31/14 17:13 EST		0	Source: Emergency Manager

There were wires down at the 7800 Block of Radnor Road.

MONTGOMERY COUNTY --- 1.1 SE WOODHAVEN [38.99, -77.12]

08/31/14 17:13 EST	2K	Thunderstorm Wind (EG 52 kt)
08/31/14 17:13 EST	0	Source: Broadcast Media

There were wires down on Wilson Lane and Radnor Road.

MONTGOMERY COUNTY --- 0.9 S PARKWOOD [39.01, -77.08]

08/31/14 17:20 EST	0	Thunderstorm Wind (EG 52 kt)
08/31/14 17:20 EST	0.25K	Source: Broadcast Media

There was a tree down on the ramp from I-495 outer loop to Connecticut Ave.

MONTGOMERY COUNTY --- 0.5 NW WOODHAVEN [39.00, -77.14]

08/31/14 17:45 EST	0	Thunderstorm Wind (EG 52 kt)
08/31/14 17:45 EST	0.25K	Source: 911 Call Center

There was a large tree branch onto power lines at 9000 Burning Tree Road.

A lee trough developed across the Mid-Atlantic that led to the development of showers and thunderstorms. The atmosphere was unstable and scattered storms produced damaging winds.

VIRGINIA, North

(VA-Z502) SOUTHERN FAUQUIER

08/03/14 05:30 EST	0	Dense Fog
08/03/14 08:00 EST	0	

A coastal front was near the Mid-Atlantic coast and easterly flow ushered in low clouds and patchy fog. Dense fog was reported in the Northern Piedmont in the morning.

(VA-Z029) PAGE, (VA-Z038) GREENE, (VA-Z039) MADISON, (VA-Z040) RAPPAHANNOCK, (VA-Z051) CULPEPER, (VA-Z052) PRINCE WILLIAM, (VA-Z501) NORTHERN FAUQUIER, (VA-Z502) SOUTHERN FAUQUIER

08/04/14 02:55 EST	0	Dense Fog
08/04/14 07:35 EST	0	

A surface trough was located across the area. Clearing occurred overnight and dense fog formed across a saturated ground.

(VA-Z502) SOUTHERN FAUQUIER

08/05/14 23:15 EST	0	Dense Fog
08/06/14 06:15 EST	0	

A disturbance moved off the Mid-Atlantic coast while clouds dissipated behind it. Clearing led to radiational cooling and dense fog formed in valley locations in Northern Virginia.

ORANGE COUNTY --- 2.1 S FLATRUN [38.34, -77.77]

08/06/14 13:55 EST	0	Thunderstorm Wind (EG 52 kt)
08/06/14 13:55 EST	2K	Source: Emergency Manager

There were several large trees down and one was on a house.

A cold front approached from the Ohio Valley. Showers and isolated thunderstorms moved across the unstable Mid-Atlantic.

(VA-Z029) PAGE, (VA-Z502) SOUTHERN FAUQUIER

08/06/14 22:15 EST	0	Dense Fog
08/07/14 08:15 EST	0	

Storm Data and Unusual Weather Phenomena - August 2014

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

A cold front moved through the Mid-Atlantic in the evening. Dry air was slow to move in behind it and low level moisture was able to get trapped under the nocturnal inversion before sunrise. This resulted in dense fog.

(VA-Z029) PAGE

	08/09/14 03:15 EST	0		Dense Fog
	08/09/14 08:15 EST	0		

A disturbance moved south the Mid-Atlantic and low level moisture resulted in dense fog formation in the Northern Piedmont.

FAIRFAX COUNTY --- 0.7 NE VALE [38.89, -77.34], 0.6 NE VALE [38.89, -77.34], 0.5 NE VALE [38.88, -77.34], 0.7 NE VALE [38.89, -77.34]

	08/12/14 11:45 EST	0		Flood (due to Heavy Rain)
	08/12/14 13:45 EST	0		Source: Emergency Manager

Fox Mill Road was closed at the intersection with Hunt Road from flooding.

FAIRFAX COUNTY --- 0.8 WSW TREMONT [38.85, -77.23], 1.0 W TREMONT [38.85, -77.24], 1.1 WSW TREMONT [38.85, -77.24], 0.9 WSW TREMONT [38.85, -77.24]

	08/12/14 11:45 EST	0		Flood (due to Heavy Rain)
	08/12/14 13:45 EST	0		Source: Emergency Manager

Water from a stream was flowing across Woodburn Road and it was closed.

FAIRFAX COUNTY --- 1.1 NNW RAVENSWORTH [38.81, -77.23], 1.2 NNW RAVENSWORTH [38.82, -77.23], 1.0 NNW RAVENSWORTH [38.81, -77.23], 0.9 NNW RAVENSWORTH [38.81, -77.23]

	08/12/14 13:28 EST	0		Flood (due to Heavy Rain)
	08/12/14 15:28 EST	0		Source: Other Federal Agency

The USGS stream gauge on Accotink Creek exceeded the flood stage of 9.5 feet and flooded Woodburn Road. It reached flood stage at 1828 UTC and crested at 10.34 feet at 2215 UTC. It went below flood stage at 2259 UTC.

FAIRFAX COUNTY --- 1.5 N BELLE HAVEN [38.80, -77.06], 1.4 N BELLE HAVEN [38.80, -77.07], 1.1 N BELLE HAVEN [38.80, -77.07], 1.1 N BELLE HAVEN [38.80, -77.07]

	08/12/14 13:49 EST	0		Flood (due to Heavy Rain)
	08/12/14 15:49 EST	0		Source: Public

There was minor over bank flooding reported in Huntington from Cameron Run. It went above flood stage at 1849 UTC and peaked at 5.78 feet at 1915 UTC. It went below flood stage at 1946 UTC.

FAIRFAX COUNTY --- 0.7 NNW NEW ALEXANDRIA [38.78, -77.05], 0.5 E BELLE HAVEN [38.78, -77.06], 0.6 SE BELLE HAVEN [38.77, -77.06], 0.4 NW NEW ALEXANDRIA [38.77, -77.05]

	08/12/14 14:03 EST	0		Flood (due to Heavy Rain)
	08/12/14 16:03 EST	0		Source: County Official

The water level gauge in Belle View reached its flood stage of 5.5 feet. It went above flood stage at 1903 UTC and crested at 5.64 feet at 1915 UTC. It went below flood stage at 1926 UTC.

High pressure resided across the east coast while a warm front was located across the Carolinas. Moist air continued to move into the Mid Atlantic as showers intensified ahead of the warm front. Heavy rain produced flooding in parts of the Washington DC and Baltimore Metro Areas.

STAFFORD COUNTY --- 1.1 NE BLOOKE [38.39, -77.37], 0.9 NNW BLOOKE [38.39, -77.39], 0.4 NW BLOOKE [38.38, -77.39], 0.6 ENE BLOOKE [38.38, -77.37]

	08/18/14 22:00 EST	0		Flood (due to Heavy Rain)
	08/19/14 00:00 EST	0		Source: 911 Call Center

Brooke Road was closed due to high water.

A shortwave trough approached the Mid-Atlantic while a warm front was to the south of the region. Showers and thunderstorms moved northward and some thunderstorms produced heavy rainfall.

FAUQUIER COUNTY --- 1.6 E SILVER HILL [38.48, -77.65]

Storm Data and Unusual Weather Phenomena - August 2014

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	08/20/14 16:26 EST		0	Thunderstorm Wind (EG 52 kt)
	08/20/14 16:26 EST		0.25K	Source: Fire Department/Rescue

There was a large tree down near the intersection of Blackwells Mill Road and Deep Run Mill Road.

ORANGE COUNTY --- 0.5 NNW PIERCES SHOP [38.24, -78.05]

	08/20/14 17:46 EST		0	Thunderstorm Wind (EG 52 kt)
	08/20/14 17:46 EST		0	Source: 911 Call Center

There was a tree down on the intersection of Lahore Road and Brick Church Road.

ORANGE COUNTY --- 0.8 SSW ORANGE CO ARPT [38.24, -78.06]

	08/20/14 17:46 EST		0	Thunderstorm Wind (EG 52 kt)
	08/20/14 17:46 EST		0.25K	Source: 911 Call Center

There was a tree down on power lines at 18241 Lahore Road.

ORANGE COUNTY --- 0.8 SW ORANGE CO ARPT [38.24, -78.06]

	08/20/14 17:46 EST		0	Thunderstorm Wind (EG 52 kt)
	08/20/14 17:46 EST		0.25K	Source: 911 Call Center

There was a tree down near intersection of Lahore Road and Constitution Highway.

ORANGE COUNTY --- 1.3 WSW PIERCES SHOP [38.23, -78.07]

	08/20/14 17:46 EST		0	Thunderstorm Wind (EG 52 kt)
	08/20/14 17:46 EST		0.25K	Source: 911 Call Center

There was a tree down near the intersection of Monrovia Road and Brick Church Road.

ALBEMARLE COUNTY --- 0.5 NNE ALBERMARIE ARPT [38.14, -78.44]

	08/20/14 18:33 EST		0	Thunderstorm Wind (EG 52 kt)
	08/20/14 18:33 EST		0.25K	Source: 911 Call Center

There was a tree down at the 100 Block of Deerwood Road.

ALBEMARLE COUNTY --- 1.2 S ALBERMARIE ARPT [38.11, -78.45]

	08/20/14 18:40 EST		0	Thunderstorm Wind (EG 52 kt)
	08/20/14 18:40 EST		0.25K	Source: 911 Call Center

There was a tree down near the intersection of Ashwood Blvd and Seminole Trail.

A shortwave trough approached the Mid-Atlantic while a stationary boundary was across the region. Warm and moist conditions led to a unstable environment and showers and thunderstorms moved across the region. Some storms led to damaging winds.

(VA-Z025) AUGUSTA, (VA-Z026) ROCKINGHAM, (VA-Z027) SHENANDOAH, (VA-Z028) FREDERICK, (VA-Z029) PAGE, (VA-Z030) WARREN, (VA-Z031) CLARKE, (VA-Z050) ORANGE, (VA-Z051) CULPEPER, (VA-Z502) SOUTHERN FAUQUIER

	08/20/14 23:55 EST		0	Dense Fog
	08/21/14 07:35 EST		0	

The Mid-Atlantic was saturated after multiple passages of disturbances. Calm winds and clearing led to dense fog formation across most of the region.

ROCKINGHAM COUNTY

	08/25/14 02:15 EST		0	Dense Fog
	08/25/14 07:25 EST		0	Source: AWOS

Visibilities of a quarter mile or less was measured at surrounding locations.

(VA-C165) ROCKINGHAM, (VA-Z028) FREDERICK, (VA-Z029) PAGE, (VA-Z030) WARREN, (VA-Z031) CLARKE

	08/25/14 02:15 EST		0	Dense Fog
	08/25/14 08:10 EST		0	

Storm Data and Unusual Weather Phenomena - August 2014

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

High pressure was located across the Mid-Atlantic. Calm winds and clear skies led to dense fog formation across valley locations.

(VA-Z502) SOUTHERN FAUQUIER

08/27/14 01:30 EST	0	Dense Fog
08/27/14 05:45 EST	0	

High pressure resided across the Mid Atlantic. Calm winds and clear conditions led to patchy dense fog across valley locations. Dense fog formed in parts of the Northern Piedmont.

LOUDOUN COUNTY --- 0.7 NW DOVER [38.98, -77.68]

08/31/14 16:10 EST	0	Thunderstorm Wind (EG 52 kt)
08/31/14 16:10 EST	0.25K	Source: Fire Department/Rescue

There was a large tree branch cleared from Highway 50 West of Cobb House Road.

LOUDOUN COUNTY --- 68.2 NNE BURNLEYS [38.99, -77.67]

08/31/14 16:11 EST	0	Thunderstorm Wind (EG 52 kt)
08/31/14 16:11 EST	0.25K	Source: Fire Department/Rescue

There was a large limb down on the road near Snickersville Turnpike and Cobb House Road.

FAIRFAX COUNTY --- 0.8 SE FLORIS [38.91, -77.41]

08/31/14 16:56 EST	0	Thunderstorm Wind (EG 52 kt)
08/31/14 16:56 EST	0.25K	Source: Trained Spotter

There was a tree down.

FAIRFAX COUNTY --- 0.7 ESE SWINKS MILL [38.95, -77.19]

08/31/14 17:06 EST	0	Thunderstorm Wind (EG 52 kt)
08/31/14 17:06 EST	0.25K	Source: 911 Call Center

There was a tree blocking Hector Road.

FAIRFAX COUNTY --- 1.1 NNW LANGLEY [38.96, -77.18]

08/31/14 17:07 EST	0	Thunderstorm Wind (EG 52 kt)
08/31/14 17:07 EST	0.25K	Source: Broadcast Media

There was a tree down on George Washington Parkway Ramp.

FAUQUIER COUNTY --- 0.8 WNW ORLEAN [38.75, -77.96]

08/31/14 17:09 EST	0	Thunderstorm Wind (EG 52 kt)
08/31/14 17:09 EST	1K	Source: Emergency Manager

There were multiple trees down near John Barton Payne Road and Leeds Manor Road.

FAUQUIER COUNTY --- 2.0 N ORLEAN [38.78, -77.95]

08/31/14 17:11 EST	0	Thunderstorm Wind (EG 52 kt)
08/31/14 17:11 EST	1K	Source: 911 Call Center

There were trees down on multiple roads.

FAUQUIER COUNTY --- 3.0 NE ORLEAN [38.78, -77.91]

08/31/14 17:13 EST	0	Thunderstorm Wind (EG 52 kt)
08/31/14 17:13 EST	0.25K	Source: Public

There were several large tree branches down on property near Conde Road and Wilson Road.

FAUQUIER COUNTY --- 0.7 SSE WATERLOO [38.69, -77.89]

08/31/14 17:20 EST	0	Thunderstorm Wind (EG 52 kt)
08/31/14 17:20 EST	1K	Source: Emergency Manager

Storm Data and Unusual Weather Phenomena - August 2014

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

There were multiple trees down near Harts Mill Road and Highway 211.

A lee trough developed across the Mid-Atlantic that led to the development of showers and thunderstorms. The atmosphere was unstable and scattered storms produced damaging winds.

WEST VIRGINIA, East

(WV-Z052) BERKELEY

	08/07/14 01:51 EST	0	Dense Fog
	08/07/14 05:46 EST	0	

A cold front moved through the Mid-Atlantic in the evening. Dry air was slow to move in behind it and low level moisture was able to get trapped under the nocturnal inversion before sunrise. This resulted in dense fog.

HAMPSHIRE COUNTY --- 1.8 ESE WEST ROMNEY [39.32, -78.74]

	08/12/14 15:00 EST	0	Thunderstorm Wind (EG 52 kt)
	08/12/14 15:00 EST	0.25K	Source: 911 Call Center

There was a large tree down blocking Grassy Lick Road about one half mile from Route 50.

High pressure resided across the east coast while a warm front was located across the Carolinas. Moist air continued to move into the Mid Atlantic as showers intensified ahead of the warm front. Heavy rain produced flooding in parts of the Washington DC and Baltimore Metro Areas. Thunderstorms produced damaging winds west of the Blue Ridge.

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

	08/21/14 03:00 EST	0	Dense Fog
	08/21/14 07:00 EST	0	

The Mid-Atlantic was saturated after multiple passages of disturbances. Calm winds and clearing led to dense fog formation across most of the region.

(WV-Z050) HAMPSHIRE, (WV-Z051) MORGAN

	08/25/14 04:15 EST	0	Dense Fog
	08/25/14 07:25 EST	0	

High pressure was located across the Mid-Atlantic. Calm winds and clear skies led to dense fog formation across valley locations.