

Storm Data and Unusual Weather Phenomena - September 2013

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
ATLANTIC NORTH				
CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- THOMAS POINT LIGHT [38.90, -76.44]				
	09/02/13 01:00 EST	0		Marine Thunderstorm Wind (MG 34 kt)
	09/02/13 01:00 EST	0		Source: Mesonet
Wind gusts of 34 knots were measured at Thomas Point Lighthouse.				
A shortwave moved over the region overnight and showers and thunderstorms formed in the I-95 corridor.				
CHESAPEAKE BAY POOLES IS TO SANDY PT MD COUNTY --- 0.2 NNW PATAPSCO BUOY [39.15, -76.39]				
	09/12/13 13:10 EST	0		Marine Thunderstorm Wind (MG 35 kt)
	09/12/13 13:20 EST	0		Source: Buoy
Wind gusts of 35 knots were measured at Patapsco Buoy.				
CHESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY --- 0.4 E CHESAPEAKE BEACH [38.69, -76.53]				
	09/12/13 16:59 EST	0		Marine Thunderstorm Wind (MG 37 kt)
	09/12/13 16:59 EST	0		Source: Mesonet
Wind gusts of 37 knots were measured at Chesapeake Rod and Reel.				
CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- THOMAS POINT LIGHT [38.90, -76.44]				
	09/12/13 17:00 EST	0		Marine Thunderstorm Wind (MG 39 kt)
	09/12/13 17:00 EST	0		Source: Mesonet
Wind gusts of 39 knots were measured at Thomas Point Lighthouse.				
CHESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY --- 6.3 NNW MID BAY BUOY [38.56, -76.41]				
	09/12/13 17:10 EST	0		Marine Thunderstorm Wind (MG 41 kt)
	09/12/13 17:20 EST	0		Source: Buoy
Wind gusts of 41 knots were measured at Gooses Reef Buoy.				
CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- 0.9 SE GREENBERRY POINT [38.96, -76.45]				
	09/12/13 17:20 EST	0		Marine Thunderstorm Wind (MG 34 kt)
	09/12/13 17:40 EST	0		Source: Buoy
Wind gusts of 33 knots were measured at Annapolis Buoy.				
CHESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY --- 0.2 NE COVE POINT [38.43, -76.39]				
	09/12/13 17:30 EST	0		Marine Thunderstorm Wind (MG 35 kt)
	09/12/13 17:36 EST	0		Source: Mesonet
Wind gusts of 35 knots were measured at Cove Point.				
CHESAPEAKE BAY DRUM PT TO SMITH PT VA COUNTY --- 0.5 E PATUXENT RIVER ASOS [38.29, -76.40]				
	09/12/13 17:43 EST	0		Marine Thunderstorm Wind (MG 34 kt)
	09/12/13 17:43 EST	0		Source: ASOS
Wind gusts of 34 knots were measured at Patuxent River.				
CHOPTANK RIVER TO CAMBRIDGE MD AND THE LITTLE CHOPTANK RIVER COUNTY --- 0.3 SE CAMBRIDGE [38.57, -76.07]				
	09/12/13 17:54 EST	0		Marine Thunderstorm Wind (MG 34 kt)
	09/12/13 17:54 EST	0		Source: Mesonet
Wind gusts of 31 knots were measured at Cambridge.				
TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY --- 0.3 SE CRISFIELD [37.97, -75.88]				

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	09/12/13 19:23 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	09/12/13 19:23 EST		0	Source: Mesonet

Wind gusts of 31 knots were measured at Crisfield.

A cold front moved through the region and a surface trough was located near the I-95 corridor. Southerly flow ahead of the cold front brought warm and humid conditions to the area. This led to instability and showers and thunderstorms formed near the pressure trough.

TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- 0.9 NE QUANTICO [38.51, -77.30]

09/21/13 19:34 EST	0	Marine Thunderstorm Wind (EG 34 kt)
09/21/13 19:34 EST	0	Source: AWOS

Wind gusts of 31 knots were measured at Quantico.

CHESAPEAKE BAY DRUM PT TO SMITH PT VA COUNTY --- 0.1 WNW POINT LOOKOUT [38.04, -76.32]

09/21/13 21:20 EST	0	Marine Thunderstorm Wind (EG 34 kt)
09/21/13 21:20 EST	0	Source: Mesonet

Wind gusts of 31 knots were measured at Point Lookout.

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

09/21/13 21:48 EST	0	Marine Thunderstorm Wind (EG 34 kt)
09/21/13 21:48 EST	0	Source: Mesonet

Wind gusts of 31 knots were measured at Bishops Head.

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

09/21/13 21:52 EST	0	Marine Thunderstorm Wind (EG 34 kt)
09/21/13 21:52 EST	0	Source: Mesonet

Wind gusts of 32 knots were measured at Smith Island.

TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY --- 1.5 ENE CRISFIELD [37.98, -75.86]

09/21/13 22:09 EST	0	Marine Thunderstorm Wind (MG 34 kt)
09/21/13 22:09 EST	0	Source: Mesonet

Wind gusts of 34 knots were measured at Crisfield.

Tropical moisture was fed into the Mid Atlantic via a low level jet. Showers and isolated thunderstorms formed as a cold front moved into the region.

MARYLAND, Central

ALLEGANY COUNTY --- 1.0 W ZIHIMAN [39.67, -78.94], 1.2 W ZIHIMAN [39.67, -78.94], 1.2 W ZIHIMAN [39.67, -78.94], 1.0 W ZIHIMAN [39.67, -78.94]

09/11/13 17:48 EST	0	Flash Flood (due to Heavy Rain)
09/11/13 19:48 EST	0	Source: 911 Call Center

There were water rescues ongoing on highway 40 near Shaw Street.

Hot and humid conditions led to an unstable environment as high pressure departed the region. Further north and west, across Western Maryland showers and thunderstorms formed due to terrain circulations. A saturated environment led to flash flooding.

BALTIMORE COUNTY --- 0.3 E LUTZ HILL [39.32, -76.52]

09/12/13 12:24 EST	0	Thunderstorm Wind (EG 52 kt)
09/12/13 12:24 EST	1K	Source: Broadcast Media

There were several trees down in the 8000 Block of Philadelphia Road.

ANNE ARUNDEL COUNTY --- 0.6 SE PASADENA [39.09, -76.56]

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	09/12/13 13:36 EST		0	Thunderstorm Wind (EG 52 kt)
	09/12/13 13:36 EST		1K	Source: Fire Department/Rescue

There were trees down near the intersection of Cypress Ridge Drive and Governor Ritchie Highway.

ANNE ARUNDEL COUNTY --- 1.0 SSW EARLEIGH HGTS [39.09, -76.56]				
	09/12/13 13:36 EST		0	Thunderstorm Wind (EG 52 kt)
	09/12/13 13:36 EST		1K	Source: Fire Department/Rescue

There were trees down on Whites Road in Severna Park.

ANNE ARUNDEL COUNTY --- 0.6 SW REVELL [39.06, -76.54]				
	09/12/13 13:38 EST		0	Thunderstorm Wind (EG 52 kt)
	09/12/13 13:38 EST		0.25K	Source: Trained Spotter

A five inch in diameter tree was reported uprooted blocking Baltimore Annapolis Boulevard at Address 802.

MONTGOMERY COUNTY --- 0.2 WNW ROCKVILLE [39.08, -77.15]				
	09/12/13 15:00 EST		0	Thunderstorm Wind (EG 52 kt)
	09/12/13 15:00 EST		1K	Source: 911 Call Center

There were multiple reports of trees and wires down in Rockville.

MONTGOMERY COUNTY --- 1.5 ENE HUNTING HILL [39.11, -77.19]				
	09/12/13 15:04 EST		0	Thunderstorm Wind (EG 52 kt)
	09/12/13 15:04 EST		0.25K	Source: Broadcast Media

There was a tree reported down blocking Omega Drive.

MONTGOMERY COUNTY --- 1.3 ENE POTOMAC [39.03, -77.20]				
	09/12/13 15:30 EST		3K	Thunderstorm Wind (EG 52 kt)
	09/12/13 15:30 EST		1K	Source: 911 Call Center

There were multiple reports of trees down on wires and houses on Potomac.

MONTGOMERY COUNTY --- 0.2 SE PARKWOOD [39.02, -77.08]				
	09/12/13 15:43 EST		1K	Thunderstorm Wind (EG 52 kt)
	09/12/13 15:43 EST		0	Source: Broadcast Media

Wires were reported down at the intersection of Connecticut Ave and Franklin Street.

MONTGOMERY COUNTY --- 0.7 ENE WOODHAVEN [39.01, -77.12]				
	09/12/13 15:43 EST		1K	Thunderstorm Wind (EG 52 kt)
	09/12/13 15:43 EST		0	Source: Broadcast Media

Wires were reported down at the intersection of Johnson Avenue and Burley Drive.

MONTGOMERY COUNTY --- 0.9 NE BETHESDA [38.98, -77.11]				
	09/12/13 15:43 EST		0	Thunderstorm Wind (EG 52 kt)
	09/12/13 15:43 EST		1K	Source: Broadcast Media

There were trees reported down near the intersection of Bradley Boulevard and Goldsboro Road.

CARROLL COUNTY --- 0.5 NNE CARROLLTON [39.56, -76.92]				
	09/12/13 15:47 EST		0	Thunderstorm Wind (EG 52 kt)
	09/12/13 15:47 EST		0.25K	Source: 911 Call Center

There was a tree down near the intersection of Reese Road and Carrollton Road.

MONTGOMERY COUNTY --- 0.3 SSW KENSINGTON ESTATES [39.03, -77.07]				
	09/12/13 15:52 EST		1K	Thunderstorm Wind (EG 52 kt)
	09/12/13 15:52 EST		1K	Source: 911 Call Center

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There were multiple reports of trees down and some were on wires.				
A cold front moved through the region and a surface trough was located near the I-95 corridor. Southerly flow ahead of the cold front brought warm and humid conditions to the area. This led to instability and showers and thunderstorms formed near the pressure trough.				
MONTGOMERY COUNTY --- 0.8 NNE CARDEROCK SPGS [39.01, -77.17], 0.7 N CARDEROCK SPGS [39.01, -77.17], 0.6 N CARDEROCK SPGS [39.01, -77.17], 0.7 NNE CARDEROCK SPGS [39.01, -77.17]				
	09/12/13 16:32 EST		0	Flash Flood (due to Heavy Rain)
	09/12/13 18:32 EST		0	Source: Broadcast Media

There was a tributary of Cabin John Creek well out of its banks with rapidly flowing water over Bradley Boulevard just north of River Road. The road was reported closed.

A cold front moved through the region and a surface trough was located near the I-95 corridor. Southerly flow ahead of the cold front brought warm and humid conditions to the area. This led to instability and showers and thunderstorms formed near the pressure trough.

VIRGINIA, North

ALBEMARLE COUNTY --- 87.1 NNE BURNLEYS [39.26, -77.56]				
	09/12/13 14:08 EST		0	Thunderstorm Wind (EG 52 kt)
	09/12/13 14:08 EST		1K	Source: Trained Spotter

There were multiple trees down.

PAGE COUNTY --- 0.9 SW LURAY [38.66, -78.48]				
	09/12/13 14:13 EST		0	Thunderstorm Wind (EG 52 kt)
	09/12/13 14:13 EST		2K	Source: Trained Spotter

There were 5 or 6 Bradford Pear Trees snapped in half.

PAGE COUNTY --- 1.0 S LURAY [38.66, -78.47]				
	09/12/13 14:13 EST		0	Thunderstorm Wind (EG 52 kt)
	09/12/13 14:13 EST		0.25K	Source: Trained Spotter

There was an 18 to 24 inch in diameter tree down at 356 Forest Hills Drive.

PAGE COUNTY --- 0.2 S LURAY CAVERNS ARPT [38.67, -78.50]				
	09/12/13 14:15 EST		0	Thunderstorm Wind (MG 53 kt)
	09/12/13 14:15 EST		0	Source: AWOS

LOUDOUN COUNTY --- 2.5 WSW TAYLORSTOWN [39.23, -77.62]				
	09/12/13 14:36 EST		0	Thunderstorm Wind (EG 52 kt)
	09/12/13 14:36 EST		1K	Source: Emergency Manager

There were trees down on Milltown Road.

FAIRFAX COUNTY --- 1.5 W CLIFTON [38.78, -77.41]				
	09/12/13 15:04 EST		0	Thunderstorm Wind (EG 52 kt)
	09/12/13 15:04 EST		0.25K	Source: Trained Spotter

A tree fell in the woods on the 7000 Block of Baimorai Forest Road.

A cold front moved through the region and a surface trough was located near the I-95 corridor. Southerly flow ahead of the cold front brought warm and humid conditions to the area. This led to instability and showers and thunderstorms formed near the pressure trough.

WEST VIRGINIA, East

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BERKELEY COUNTY --- 0.6 ENE MARTINSBURG [39.45, -77.96], 0.6 ENE MARTINSBURG [39.45, -77.96], 0.6 ENE MARTINSBURG [39.45, -77.96], 0.6 ENE MARTINSBURG [39.45, -77.96]				

09/01/13 19:00 EST

0

Flash Flood (due to Heavy Rain)

09/01/13 21:00 EST

0

Source: 911 Call Center

There was a van stuck on a bridge near East John Street and Oak Street due to high water from Tuscarora Creek.

Surface heating led to showers and thunderstorms to develop in a unstable environment across the higher elevations. Some of these storms moved eastward and impacted the Eastern Panhandle of West Virginia.

(WV-Z055) HARDY, (WV-Z502) EASTERN GRANT

09/18/13 02:35 EST

0

Dense Fog

09/18/13 07:50 EST

0

High pressure was centered across New Jersey and dense fog formed in sheltered valleys across the Highlands.