

Storm Data and Unusual Weather Phenomena - September 2014

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
ATLANTIC NORTH				
CHESAPEAKE BAY N OF POOLES IS MD COUNTY --- 6.8 ESE SUSQUEHANNA [39.50, -75.96]				
	09/02/14 18:09 EST		0	Marine Thunderstorm Wind (MG 39 kt)
	09/02/14 18:09 EST		0	Source: Mesonet
Wind gusts of 39 knots were measured at North Bay North East.				
CHESAPEAKE BAY N OF POOLES IS MD COUNTY --- 5.4 SE SUSQUEHANNA [39.50, -75.99]				
	09/02/14 19:44 EST		0	Marine Thunderstorm Wind (MG 39 kt)
	09/02/14 19:44 EST		0	Source: Mesonet
Wind gusts of 39 knots were measured at North East North Bay.				
CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- THOMAS POINT LIGHT [38.90, -76.44]				
	09/02/14 22:30 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	09/02/14 22:30 EST		0	Source: Buoy
Wind gusts of 32 knots were measured at Thomas Point.				
CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- 0.3 WSW KENT ISLAND [38.92, -76.36]				
	09/02/14 22:50 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	09/02/14 22:50 EST		0	Source: Mesonet
Wind gusts of 31 knots were measured at Kent Island.				
TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY --- 0.1 ENE BISHOPS HEAD [38.22, -76.04]				
	09/03/14 00:03 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	09/03/14 00:03 EST		0	Source: Mesonet
Wind gusts of 31 knots were measured at Bishop Head.				
Hot and humid conditions persisted across the Mid Atlantic ahead of a advancing cold front. Showers and thunderstorms formed in the vicinity of a surface trough. Some thunderstorms became severe leading to damaging winds.				
CHESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY --- 6.3 NNW MID BAY BUOY [38.56, -76.41]				
	09/06/14 18:30 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	09/06/14 18:30 EST		0	Source: Buoy
Wind gusts of 31 knots were measured at Gooses Reef Buoy.				
CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- 0.2 SE GREENBERRY POINT [38.97, -76.46]				
	09/06/14 19:00 EST		0	Marine Thunderstorm Wind (MG 43 kt)
	09/06/14 19:20 EST		0	Source: Mesonet
Wind gusts of 33-43 knots were measured at Greenbury Point.				
CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- ANNAPOLIS [38.98, -76.48]				
	09/06/14 19:03 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	09/06/14 19:03 EST		0	Source: Mesonet
Wind gusts of 33 knots were measured at Annapolis.				
CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- 0.4 SE TOLLY POINT [38.94, -76.44]				
	09/06/14 19:04 EST		0	Marine Thunderstorm Wind (MG 36 kt)
	09/06/14 19:29 EST		0	Source: Mesonet
Wind gusts of 36 knots were measured at Tolly Point.				
CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- 0.9 SE GREENBERRY POINT [38.96, -76.45]				

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	09/06/14 19:10 EST		0	Marine Thunderstorm Wind (MG 38 kt)
	09/06/14 19:20 EST		0	Source: Mesonet

Wind gusts of 38 knots were measured at Annapolis.

CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- 12.7 SSW THOMAS POINT LIGHT [38.73, -76.54]				
	09/06/14 19:15 EST		0	Marine Thunderstorm Wind (MG 34 kt)
	09/06/14 19:20 EST		0	Source: Mesonet

Wind gusts of 33-34 knots were measured at Herring Bay.

CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- THOMAS POINT LIGHT [38.90, -76.44]				
	09/06/14 19:15 EST		0	Marine Thunderstorm Wind (MG 38 kt)
	09/06/14 19:15 EST		0	Source: Mesonet

Wind gusts of 38 knots were measured at Thomas Point.

CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- 0.3 S STEVENSVILLE [38.98, -76.33]				
	09/06/14 19:24 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	09/06/14 19:24 EST		0	Source: Mesonet

Wind gusts of 33 knots were measured at Bay Bridge.

CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- 32.5 S THOMAS POINT LIGHT [38.43, -76.39]				
	09/06/14 19:36 EST		0	Marine Thunderstorm Wind (MG 34 kt)
	09/06/14 19:36 EST		0	Source: Mesonet

Wind gusts of 34 knots were measured at Cove Point.

CHESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY --- 0.2 NE COVE POINT [38.43, -76.39]				
	09/06/14 20:18 EST		0	Marine Thunderstorm Wind (MG 34 kt)
	09/06/14 20:36 EST		0	Source: Mesonet

Wind gusts of 32-34 knots were measured at Cove Point.

CHESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY --- 6.3 NNW MID BAY BUOY [38.56, -76.41]				
	09/06/14 20:20 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	09/06/14 20:20 EST		0	Source: Buoy

Wind gusts of 31 knots were measured at Gooses Reef Buoy.

TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY --- 0.1 ESE RACCOON POINT [38.14, -75.79]				
	09/06/14 21:23 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	09/06/14 21:23 EST		0	Source: Mesonet

Wind gusts of 31 knots were measured at Raccoon Point.

TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY --- 1.5 ENE CRISFIELD [37.98, -75.86]				
	09/06/14 21:55 EST		0	Marine Thunderstorm Wind (MG 34 kt)
	09/06/14 21:55 EST		0	Source: Mesonet

Wind gusts of 34 knots were measured at Crisfield.

Hot and humid conditions were present across the Mid-Atlantic while a cold front approached from the Ohio Valley. A surface trough strengthen across the region and showers and thunderstorms formed. Some thunderstorms formed and produced damaging winds.

CHESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY --- 10.9 E CHESAPEAKE BEACH [38.71, -76.34]				
	09/11/14 18:49 EST		0	Marine Thunderstorm Wind (MG 43 kt)
	09/11/14 19:29 EST		0	Source: Mesonet

Wind gusts of 40-43 knots were measured at Tilghman Elementary School.

Warm and humid conditions were across the Mid-Atlantic. Showers formed near the waters and some were capable of gusty winds.

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MARYLAND, Central				
ALLEGANY COUNTY --- 0.7 NNE LUKE [39.49, -79.04]				
	09/02/14 14:17 EST		2K	Thunderstorm Wind (EG 52 kt)
	09/02/14 14:17 EST		0.50K	Source: Emergency Manager
There were trees and power lines down.				
MONTGOMERY COUNTY --- 0.3 SSE POOLESVILLE [39.15, -77.42]				
	09/02/14 15:00 EST		0	Thunderstorm Wind (EG 52 kt)
	09/02/14 15:00 EST		0.25K	Source: Trained Spotter
There was a large tree down at the intersection of Routes 109 and 107.				
MONTGOMERY COUNTY --- 1.5 SE POOLESVILLE [39.14, -77.40]				
	09/02/14 15:00 EST		0	Thunderstorm Wind (EG 52 kt)
	09/02/14 15:00 EST		0.25K	Source: Trained Spotter
There were two large tree branches down. The tree branches were 5-6 inches wide.				
MONTGOMERY COUNTY --- 0.9 SE NORBECK [39.11, -77.07]				
	09/02/14 15:32 EST		0	Thunderstorm Wind (EG 52 kt)
	09/02/14 15:32 EST		2K	Source: Public
There were numerous trees down off Norbeck Road between MD 200 and Georgia Avenue.				
WASHINGTON COUNTY --- 0.6 W HAGERSTOWN [39.65, -77.73]				
	09/02/14 15:40 EST		2K	Thunderstorm Wind (EG 52 kt)
	09/02/14 15:40 EST		0.25K	Source: Fire Department/Rescue
There was a tree and power lines down at Church St. and West Side Ave.				
MONTGOMERY COUNTY --- 2.1 SW EDNOR [39.11, -77.03]				
	09/02/14 15:44 EST		0	Thunderstorm Wind (EG 52 kt)
	09/02/14 15:44 EST		5K	Source: Public
There were at least 25 1.5-2 feet in diameter trees down on a Golf Course.				
WASHINGTON COUNTY --- 0.5 SSW SECURITY [39.64, -77.70]				
	09/02/14 15:44 EST		0	Thunderstorm Wind (EG 52 kt)
	09/02/14 15:44 EST		0.25K	Source: Trained Spotter
There was a large tree down blocking road.				
FREDERICK COUNTY --- 1.5 ESE JEFFERSON [39.36, -77.51]				
	09/02/14 16:08 EST		0	Thunderstorm Wind (EG 52 kt)
	09/02/14 16:08 EST		0.25K	Source: Emergency Manager
There was a tree down on the road in the 4500 Block of Elmer Derr Road.				
CARROLL COUNTY --- 0.3 WNW BRIDGEPORT [39.68, -77.23]				
	09/02/14 16:28 EST		0	Thunderstorm Wind (EG 52 kt)
	09/02/14 16:28 EST		0.25K	Source: 911 Call Center
There was a tree down near the intersection of Bullfrog Road and McMullen Road.				
CARROLL COUNTY --- 0.7 W SILVER RUN [39.68, -77.06]				
	09/02/14 16:36 EST		0	Thunderstorm Wind (EG 52 kt)
	09/02/14 16:36 EST		0.25K	Source: 911 Call Center

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There was a tree down across Mayberry Road.				
MONTGOMERY COUNTY --- 0.8 SE NORBECK [39.11, -77.07]				
	09/02/14 18:16 EST		2K	Thunderstorm Wind (EG 52 kt)
	09/02/14 18:16 EST		0.50K	Source: Law Enforcement
There were trees and power lines down near the intersection of Bradford and Norbeck Road.				
HOWARD COUNTY --- 1.3 ENE SIMPSONVILLE [39.19, -76.86]				
	09/02/14 18:37 EST		10K	Thunderstorm Wind (EG 52 kt)
	09/02/14 18:37 EST		0.50K	Source: 911 Call Center
There were two trees down on houses causing significant damage near each other, one on the 1000 Block of Evergreen Ave and one on the 6400 Block of Bellview Ave.				
HOWARD COUNTY --- 1.6 ESE CLARKSVILLE [39.19, -76.85]				
	09/02/14 18:39 EST		0	Thunderstorm Wind (EG 52 kt)
	09/02/14 18:39 EST		0.25K	Source: Emergency Manager
There was a tree down at the intersection of Brokenland Parkway and Cradlerock Way.				
HOWARD COUNTY --- 1.8 NNW GUILFORD [39.19, -76.85]				
	09/02/14 18:39 EST		0	Thunderstorm Wind (EG 52 kt)
	09/02/14 18:39 EST		0.25K	Source: Emergency Manager
There was a tree down at the intersection of Quiet Hours and Cradlerock Way.				
HOWARD COUNTY --- 1.2 NNE GUILFORD [39.19, -76.83]				
	09/02/14 18:41 EST		0	Thunderstorm Wind (EG 52 kt)
	09/02/14 18:41 EST		0.25K	Source: Emergency Manager
There were large tree limbs down at the intersection of Seneca and Groveleigh.				
HOWARD COUNTY --- 1.7 N WATERLOO [39.19, -76.78]				
	09/02/14 18:46 EST		0	Thunderstorm Wind (EG 52 kt)
	09/02/14 18:46 EST		0.25K	Source: Emergency Manager
There was a tree down at the intersection of Mayfield Avenue and Meadowridge Road.				
HARFORD COUNTY --- 1.0 S ABINGDON [39.46, -76.27]				
	09/02/14 19:22 EST		0	Thunderstorm Wind (EG 52 kt)
	09/02/14 19:22 EST		0.25K	Source: 911 Call Center
There was a tree down across the road near the intersection of Abingdon Road and Route 40.				
Hot and humid conditions persisted across the Mid Atlantic ahead of a advancing cold front. Showers and thunderstorms formed in the vicinity of a surface trough. Some thunderstorms became severe leading to damaging winds.				
WASHINGTON COUNTY --- 1.6 NW CHEWSVILLE [39.67, -77.65]				
	09/06/14 16:15 EST		0	Thunderstorm Wind (EG 52 kt)
	09/06/14 16:15 EST		0.25K	Source: 911 Call Center
There was a tree down across Clopper Road at Old Forge.				
MONTGOMERY COUNTY --- 1.5 SSW POTOMAC [39.00, -77.23]				
	09/06/14 17:55 EST		2K	Thunderstorm Wind (EG 52 kt)
	09/06/14 17:55 EST		0.25K	Source: 911 Call Center
There was a tree down on Brickyard Road. There were numerous wires down in the area and power outages.				
ANNE ARUNDEL COUNTY --- 0.7 N (BWI)BALTMOR-WSHNGTN [39.18, -76.67]				

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	09/06/14 18:34 EST		0	Thunderstorm Wind (MG 50 kt)
	09/06/14 18:34 EST		0	Source: ASOS

Hot and humid conditions were present across the Mid-Atlantic while a cold front approached from the Ohio Valley. A surface trough strengthened across the region and showers and thunderstorms formed. Some thunderstorms formed and produced damaging winds.

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

	09/25/14 23:35 EST		0	Dense Fog
	09/26/14 07:00 EST		0	

High pressure across Ontario led to calm and clear conditions across the Middle Atlantic. Saturated conditions from recent rain led to dense fog formation.

(MD-Z004) FREDERICK

	09/27/14 22:30 EST		0	Dense Fog
	09/28/14 07:30 EST		0	

High pressure across the Mid-Atlantic region led to calm and clear conditions. Dense fog formed in low lying areas and sheltered valleys.

VIRGINIA, North

FAIRFAX COUNTY --- 0.8 W KENMORE [38.95, -77.28]

	09/01/14 14:46 EST		0	Thunderstorm Wind (EG 52 kt)
	09/01/14 14:46 EST		0	Source: Emergency Manager

A large tree limb was down near the intersection of Browns Mill Road and Beulah Road.

Warm and humid conditions persisted across the Mid Atlantic. Heating led to showers and thunderstorms across the higher elevations which moved eastward throughout the afternoon.

(VA-Z029) PAGE

	09/15/14 02:50 EST		0	Dense Fog
	09/15/14 09:00 EST		0	

High pressure was located across the Middle Atlantic overnight and light winds and clear sky led to valley fog development.

(VA-Z502) SOUTHERN FAUQUIER

	09/20/14 04:10 EST		0	Dense Fog
	09/20/14 07:20 EST		0	

High pressure across the Northeast U.S. led to easterly flow across the Middle Atlantic. Low clouds and dense fog occurred east of the Blue Ridge Mountains.

(VA-Z028) FREDERICK, (VA-Z031) CLARKE

	09/26/14 02:55 EST		0	Dense Fog
	09/26/14 08:00 EST		0	

High pressure across Ontario led to calm and clear conditions across the Middle Atlantic. Saturated conditions from recent rain led to dense fog formation.

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

	09/26/14 22:35 EST		0	Dense Fog
	09/27/14 07:00 EST		0	

High pressure was across the Mid-Atlantic and led to clear and calm conditions. Dense fog formed in valley locations.

(VA-Z502) SOUTHERN FAUQUIER

	09/28/14 00:45 EST		0	Dense Fog
	09/28/14 07:40 EST		0	

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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High pressure across the Mid-Atlantic region led to calm and clear conditions. Dense fog formed in low lying areas and sheltered valleys.

(VA-Z037) ALBEMARLE

	09/30/14 01:00 EST	0	Dense Fog
	09/30/14 07:00 EST	0	

High pressure across the region led to calm and clear conditions across the Mid-Atlantic. Dense fog formed in low lying areas in the Central Piedmont.

WEST VIRGINIA, East

MINERAL COUNTY --- 0.5 S ELK GARDEN [39.37, -79.15]

	09/02/14 14:00 EST	0	Thunderstorm Wind (EG 52 kt)
	09/02/14 14:00 EST	1K	Source: 911 Call Center

There were numerous trees down across the road near the intersection of Hartsmansville Road and Route 42.

MINERAL COUNTY --- 1.2 SW FT ASHBY [39.49, -78.79]

	09/02/14 14:26 EST	2K	Thunderstorm Wind (EG 52 kt)
	09/02/14 14:26 EST	0.50K	Source: Fire Department/Rescue

There were trees and power lines down on Route 46 across from Frankfort Drive.

MINERAL COUNTY --- 0.6 E SHORT GAP [39.55, -78.81]

	09/02/14 14:27 EST	2K	Thunderstorm Wind (EG 52 kt)
	09/02/14 14:27 EST	1K	Source: Fire Department/Rescue

There were trees and power lines down near Route 28 and The Woodland Inn.

HAMPSHIRE COUNTY --- 1.3 NNE THREE CHURCHES [39.42, -78.64]

	09/02/14 14:37 EST	0	Thunderstorm Wind (EG 52 kt)
	09/02/14 14:37 EST	0.25K	Source: Trained Spotter

There was a tree down along Jersey Mountain Road.

HAMPSHIRE COUNTY --- 0.1 ENE SLANESVILLE [39.37, -78.53]

	09/02/14 14:48 EST	0	Thunderstorm Wind (EG 52 kt)
	09/02/14 14:48 EST	0.50K	Source: Trained Spotter

There were trees down on Bloomery Pike.

MORGAN COUNTY --- 2.0 NW SMITH XRDS [39.59, -78.26]

	09/02/14 15:07 EST	0	Thunderstorm Wind (EG 52 kt)
	09/02/14 15:07 EST	0.25K	Source: Emergency Manager

There was a tree down in the 3000 Block of Cold Run Valley Road.

MORGAN COUNTY --- 0.7 S BERKELEY SPGS [39.62, -78.23]

	09/02/14 15:16 EST	1K	Thunderstorm Wind (EG 52 kt)
	09/02/14 15:16 EST	0.25K	Source: Trained Spotter

There was a two foot in diameter tree limb down and fence knocked over on Johnson Mill Road.

MORGAN COUNTY --- 0.7 S SIR JOHNS RUN [39.64, -78.23]

	09/02/14 15:16 EST	0	Thunderstorm Wind (EG 52 kt)
	09/02/14 15:16 EST	0.25K	Source: Emergency Manager

There was a tree down blocking the road in the 200 Block of Sir Johns Run Road.

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MORGAN COUNTY --- 1.1 NNE JOHNSONS MILL [39.58, -78.19]				
	09/02/14 15:16 EST		0	Thunderstorm Wind (EG 52 kt)
	09/02/14 15:16 EST		0.25K	Source: Emergency Manager
There was a tree down on the 3800 Block of Spohrs Road.				
MORGAN COUNTY --- 1.1 SW SMITH XRDS [39.56, -78.25]				
	09/02/14 15:16 EST		1K	Thunderstorm Wind (EG 52 kt)
	09/02/14 15:16 EST		0.25K	Source: Emergency Manager
There was a tree down on a house in the 2400 Block of Mesner Road.				
MORGAN COUNTY --- 1.4 SW SMITH XRDS [39.55, -78.25]				
	09/02/14 15:16 EST		0	Thunderstorm Wind (EG 52 kt)
	09/02/14 15:16 EST		0.25K	Source: Emergency Manager
There were two trees down in the 1900 Block of Mesner Road.				
MORGAN COUNTY --- 0.6 WNW CHERRY RUN [39.63, -78.04]				
	09/02/14 15:24 EST		0	Thunderstorm Wind (EG 52 kt)
	09/02/14 15:24 EST		0.25K	Source: Emergency Manager
There was a tree down on the 2100 Block of Householder Road.				
MORGAN COUNTY --- 1.6 SSE SLEEPY CREEK [39.65, -78.07]				
	09/02/14 15:24 EST		0	Thunderstorm Wind (EG 52 kt)
	09/02/14 15:24 EST		0.25K	Source: Public
There was a large tree down across Householder Road near Poole Road.				
Hot and humid conditions persisted across the Mid Atlantic ahead of a advancing cold front. Showers and thunderstorms formed in the vicinity of a surface trough. Some thunderstorms became severe leading to damaging winds.				
(WV-Z502) EASTERN GRANT				
	09/05/14 01:35 EST		0	Dense Fog
	09/05/14 07:00 EST		0	
A warm and humid air mass led to dense fog development in sheltered valleys in the Potomac Highlands.				
JEFFERSON COUNTY --- 1.8 SW SHEPHERDSTOWN [39.41, -77.82]				
	09/06/14 16:32 EST		0	Thunderstorm Wind (EG 52 kt)
	09/06/14 16:32 EST		0.25K	Source: Amateur Radio
There were 6-8 inch in diameter tree branches down.				
Hot and humid conditions were present across the Mid-Atlantic while a cold front approached from the Ohio Valley. A surface trough strengthen across the region and showers and thunderstorms formed. Some thunderstorms formed and produced damaging winds.				
(WV-Z504) EASTERN MINERAL				
	09/08/14 04:40 EST		0	Dense Fog
	09/08/14 06:55 EST		0	
Humid conditions led to dense fog development in sheltered valleys in the Potomac Highlands.				
(WV-Z502) EASTERN GRANT				
	09/15/14 01:50 EST		0	Dense Fog
	09/15/14 08:20 EST		0	
High pressure was located across the Middle Atlantic overnight and light winds and clear sky led to valley fog development.				
(WV-Z052) BERKELEY, (WV-Z053) JEFFERSON				

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	09/26/14 01:30 EST		0	Dense Fog
	09/26/14 08:50 EST		0	

High pressure across Ontario led to calm and clear conditions across the Middle Atlantic. Saturated conditions from recent rain led to dense fog formation.