

Storm Data and Unusual Weather Phenomena - April 2013

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
ATLANTIC NORTH				
CHESAPEAKE BAY N OF POOLES IS MD COUNTY --- 5.4 SE SUSQUEHANNA [39.50, -75.99]				
	04/10/13 21:54 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	04/10/13 21:54 EST		0	Source: Buoy
Wind gusts in excess of 30 knots were reported at North Bay North East.				
High pressure was anchored off the Atlantic coast ushering in above normal temperatures and high dew points. Showers developed ahead of a warm front that was sagging southward from Pennsylvania. Showers produced gusty winds in the Northern Chesapeake Bay.				
TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY --- 0.1 ESE RACCOON POINT [38.14, -75.79]				
	04/11/13 02:03 EST		0	Marine Thunderstorm Wind (EG 35 kt)
	04/11/13 02:03 EST		0	Source: Mesonet
Wind gusts in excess of 35 knots were reported at Raccoon Point.				
High pressure was anchored off the Atlantic coast ushering in above normal temperatures and high dew points. Scattered showers and thunderstorms developed ahead of a warm front that was sagging southward from Pennsylvania. Showers produced gusty winds in the Chesapeake Bay.				
TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- 1.1 SE LYLES-CROUCH ACADEMY ALEXANDRIA [38.79, -77.04]				
	04/12/13 06:50 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	04/12/13 06:50 EST		0	Source: Buoy
Wind gusts in excess of 30 knots were reported at CBIBS Upper Potomac Buoy.				
CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- 0.2 SE GREENBERRY POINT [38.97, -76.46]				
	04/12/13 07:30 EST		0	Marine Thunderstorm Wind (MG 34 kt)
	04/12/13 07:30 EST		0	Source: Mesonet
Winds of 34 knots were measured at Greenbury Point.				
CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- 0.9 SE GREENBERRY POINT [38.96, -76.45]				
	04/12/13 07:30 EST		0	Marine Thunderstorm Wind (MG 41 kt)
	04/12/13 07:40 EST		0	Source: Buoy
Winds of 41 knots were measured at Annapolis Buoy.				
CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- 0.3 WSW KENT ISLAND [38.92, -76.36]				
	04/12/13 07:42 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	04/12/13 07:42 EST		0	Source: Mesonet
Winds in excess of 31 knots were measured at Kent Island.				
CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- THOMAS POINT LIGHT [38.90, -76.44]				
	04/12/13 08:00 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	04/12/13 08:00 EST		0	Source: Buoy
Winds in excess of 32 knots were measured at Thomas Point Lighthouse.				
TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- 0.3 ENE BABAR POINT [38.31, -77.03]				
	04/12/13 12:50 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	04/12/13 12:50 EST		0	Source: Mesonet
Winds in excess of 30 knots were measured at Baber Point.				
CHESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY --- 6.3 NNW MID BAY BUOY [38.56, -76.41]				
	04/12/13 13:20 EST		0	Marine Thunderstorm Wind (MG 51 kt)
	04/12/13 13:40 EST		0	Source: Buoy

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Winds of 31 to 51 knots were measured at Gooses Reef.				
CHESAPEAKE BAY DRUM PT TO SMITH PT VA COUNTY --- 0.8 SSW PATUXENT RIVER ASOS [38.28, -76.41]				
	04/12/13 13:53 EST		0	Marine Thunderstorm Wind (MG 36 kt)
	04/12/13 13:53 EST		0	Source: ASOS
Winds of 36 knots were measured at Patuxent River.				
TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY --- 0.1 E BISHOPS HEAD [38.22, -76.04]				
	04/12/13 14:30 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	04/12/13 14:30 EST		0	Source: Mesonet
Winds in excess of 31 knots were measured at Bishops Head.				
An upper level disturbance moved through the Mid Atlantic ahead of an approaching cold front. Showers and thunderstorms moved across the waters producing gusty winds.				
TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- 0.3 N CUCKOLD CREEK [38.31, -76.93]				
	04/19/13 18:17 EST		0	Marine Thunderstorm Wind (MG 48 kt)
	04/19/13 18:17 EST		0	Source: Mesonet
Winds in excess of 48 knots were measured at Cuckold Creek.				
CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- 0.4 SE TOLLY POINT [38.94, -76.44]				
	04/19/13 18:44 EST		0	Marine Thunderstorm Wind (MG 48 kt)
	04/19/13 18:44 EST		0	Source: Mesonet
Winds in excess of 48 knots were measured at Tolly Point.				
TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- 0.3 NE POTOMAC BUOY [38.03, -76.34]				
	04/19/13 21:10 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	04/19/13 21:10 EST		0	Source: Buoy
Winds in excess of 31 knots were measured at Potomac Point Lookout.				
A cold front moved across the waters and was accompanied by showers and thunderstorms that produced gusty winds. A strong jet of 50 knot winds was located at 850 mb or about a mile off the surface.				
MARYLAND, Central				
(MD-Z009) MONTGOMERY, (MD-Z013) PRINCE GEORGES, (MD-Z014) ANNE ARUNDEL, (MD-Z016) CHARLES, (MD-Z017) ST. MARY'S, (MD-Z018) CALVERT				
	04/01/13 00:57 EST		0	Dense Fog
	04/01/13 05:15 EST		0	
Prior to a cold frontal passage, the Mid Atlantic region, east of the Blue Ridge Mountains, experienced calm winds and clear skies which led to radiation fog to form. There were some areas that did not experience the fog due to a light wind at the surface.				
CHARLES COUNTY --- 99.7 SE KEIFER [38.62, -77.03]				
	04/19/13 18:07 EST		5K	Thunderstorm Wind (EG 56 kt)
	04/19/13 18:07 EST		0.50K	Source: Trained Spotter
There were two trees knocked down on a house along Elsa Avenue.				
CHARLES COUNTY --- 0.5 SE ST CHARLES [38.59, -76.91]				
	04/19/13 18:12 EST		0	Thunderstorm Wind (EG 52 kt)
	04/19/13 18:12 EST		0.50K	Source: Trained Spotter
The top quarter of a 30 foot tree was broken off.				
CHARLES COUNTY --- 0.5 SW BEANTOWN [38.61, -76.89]				

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	04/19/13 18:12 EST		0	Thunderstorm Wind (EG 61 kt)
	04/19/13 18:12 EST		0	Source: Mesonet

An observation from a mesonet reported 70 mph.

PRINCE GEORGE'S COUNTY --- 1.8 SE MEADOWS [38.80, -76.83]

	04/19/13 18:23 EST		0	Thunderstorm Wind (EG 52 kt)
	04/19/13 18:23 EST		1K	Source: Broadcast Media

There were two tree tops sheared off at residence on Woodyard Road.

CALVERT COUNTY --- 0.5 E DUNKIRK [38.72, -76.66]

	04/19/13 18:24 EST		0	Thunderstorm Wind (EG 56 kt)
	04/19/13 18:24 EST		1K	Source: Public

There were multiple trees down.

CALVERT COUNTY --- 1.8 NW CHANEY [38.77, -76.66]

	04/19/13 18:24 EST		0	Thunderstorm Wind (EG 56 kt)
	04/19/13 18:24 EST		1K	Source: Public

There were several trees down near intersection of West Chesapeake Beach Road and Route 4.

PRINCE GEORGE'S COUNTY --- 0.6 NE WESTPHALIA [38.84, -76.81], 0.6 SW BROWN [38.84, -76.81]

	04/19/13 18:26 EST		25K	Tornado (EF0, L: 0.50 mi , W: 75 yd)
	04/19/13 18:27 EST		5K	Source: NWS Storm Survey

At 7:26 PM, a brief EF-0 tornado with peak winds of 85 mph touched down in Prince Georges county in the Marlboro Ridge subdivision off Ritchie Marlboro Rd. The tornado uprooted and snapped several trees. It also damaged three homes, blowing out windows and garage doors. One home had a side wall of the garage blown out when wind entered the garage through the damaged door. Several other homes on both sides of Ritchie Marlboro Road had minor siding and shingle damage. The tornado traveled a half mile before lifting and lasted less than a minute.

ANNE ARUNDEL COUNTY --- 0.9 SW ARNOLD [39.02, -76.51]

	04/19/13 18:27 EST		20K	Thunderstorm Wind (EG 60 kt)
	04/19/13 18:27 EST		10K	Source: NWS Employee

There were 80 trees down in a community. The trees were into homes and across roads.

CALVERT COUNTY --- 0.5 SE HUNTINGTOWN [38.62, -76.61]

	04/19/13 18:27 EST		0	Thunderstorm Wind (EG 56 kt)
	04/19/13 18:27 EST		1K	Source: Public

There were multiple trees down.

CALVERT COUNTY --- 1.3 SSE APPEAL [38.35, -76.44]

	04/19/13 18:54 EST		10K	Thunderstorm Wind (EG 56 kt)
	04/19/13 18:54 EST		0	Source: Public

There was a tree knocked over and it took out the corner of a house.

A cold front moved across the Mid Atlantic and was accompanied by showers and thunderstorms that produced gusty winds. A strong jet of 50 knot winds was located at 850 mb or about a mile off the surface.

(MD-Z004) FREDERICK

	04/21/13 04:10 EST		0	Frost/Freeze
	04/21/13 04:10 EST		0	

Canadian high pressure moved into the Mid Atlantic overnight. Calm winds and a clear sky over Northern MD led to temperatures at or below freezing.

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(VA-Z053) FAIRFAX, (VA-Z055) STAFFORD, (VA-Z056) SPOTSYLVANIA, (VA-Z057) KING GEORGE				
	04/01/13 00:55 EST		0	Dense Fog
	04/01/13 03:55 EST		0	
<p>Prior to a cold frontal passage, the Mid Atlantic region, east of the Blue Ridge Mountains, experienced calm winds and clear skies which led to radiation fog to form. There were some areas that did not experience the fog due to a light wind at the surface.</p>				
(VA-Z025) AUGUSTA, (VA-Z026) ROCKINGHAM, (VA-Z029) PAGE, (VA-Z036) NELSON, (VA-Z037) ALBEMARLE, (VA-Z038) GREENE, (VA-Z039) MADISON, (VA-Z040) RAPPAHANNOCK, (VA-Z503) WESTERN HIGHLAND, (VA-Z504) EASTERN HIGHLAND				
	04/04/13 00:00 EST		0	Winter Weather
	04/05/13 00:00 EST		0	
<p>High pressure moved off the coast while low pressure approached from the southeast over the Carolinas. Moisture streamed in from the south while temperatures were below or near freezing. A wintry mix fell in areas along and west of the Blue Ridge.</p>				
ALBEMARLE COUNTY --- 1.5 SSW FARMINGTON [38.03, -78.56]				
	04/19/13 16:33 EST		0	Thunderstorm Wind (EG 52 kt)
	04/19/13 16:33 EST		1K	Source: Emergency Manager
<p>There were trees down on Craig Store Road west of North Gardens.</p>				
ORANGE COUNTY --- 1.5 E ORANGE [38.25, -78.09]				
	04/19/13 17:07 EST		0	Thunderstorm Wind (EG 52 kt)
	04/19/13 17:07 EST		0.50K	Source: Fire Department/Rescue
<p>There was a tree down on Virginia State HWY 20 approximately one half mile east of Orange VA.</p>				
SPOTSYLVANIA COUNTY --- 0.8 NNE BELMONT [38.16, -77.86]				
	04/19/13 17:16 EST		2K	Thunderstorm Wind (EG 60 kt)
	04/19/13 17:16 EST		1K	Source: NWS Employee
<p>There were trees down and bricks blown off a chimney.</p>				
SPOTSYLVANIA COUNTY --- 35.2 WNW BELMONT [38.30, -78.49], 35.4 WNW BELMONT [38.31, -78.49]				
	04/19/13 17:36 EST		40K	Tornado (EF1, L: 0.75 mi , W: 150 yd)
	04/19/13 17:37 EST		2K	Source: NWS Storm Survey
<p>The tornado touched down at 6:36 pm EDT on the Westwood Shopping Plaza ripping off roofing materials and ventilation units. It traveled northeast through a residential area uprooting and topping trees and causing roofing damage. The tornado passed just west of the Mercer Elementary School and adjacent Police Barracks ripping the roof off of an apartment building along Cowan Blvd and throwing it across the street. A law enforcement officer saw the tornado cross Cowan Blvd and then dissipate before it reached Mary Washington Hospital at 6:37 PM.</p>				
STAFFORD COUNTY --- 0.7 NW LEELAND [38.36, -77.44]				
	04/19/13 17:37 EST		0	Thunderstorm Wind (EG 56 kt)
	04/19/13 17:37 EST		1K	Source: Public
<p>There were four trees down on Riggs Road. One of the trees was two and half feet in diameter.</p>				
STAFFORD COUNTY --- 0.7 NE FALMOUTH [38.33, -77.46]				
	04/19/13 17:38 EST		50K	Thunderstorm Wind (EG 56 kt)
	04/19/13 17:38 EST		0	Source: Fire Department/Rescue
<p>The second floor of a house was destroyed near the intersection of Forbes Street and Falmouth Drive.</p>				
STAFFORD COUNTY --- 0.2 NW LEELAND [38.35, -77.43]				
	04/19/13 17:39 EST		0	Thunderstorm Wind (EG 56 kt)
	04/19/13 17:39 EST		2K	Source: Fire Department/Rescue
<p>A swath of trees were down near 399 Cliff Farm Road.</p>				
STAFFORD COUNTY --- 0.2 W LEELAND [38.35, -77.43]				

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	04/19/13 17:39 EST		0	Thunderstorm Wind (EG 56 kt)
	04/19/13 17:39 EST		2K	Source: Public

There were 16 40-60 foot tall poplar trees blown down behind a residence near the corner of Morton and Leeland Roads.

SPOTSYLVANIA COUNTY --- 38.5 ENE LINDSAY [38.28, -77.59]

04/19/13 17:45 EST	0	Thunderstorm Wind (EG 52 kt)
04/19/13 17:45 EST	0.50K	Source: Amateur Radio

There was a tree down near the intersection of Danalu Court and Nicholas Drive.

STAFFORD COUNTY --- 1.4 NNW BLOOKE [38.40, -77.39]

04/19/13 17:45 EST	0	Thunderstorm Wind (EG 56 kt)
04/19/13 17:45 EST	1K	Source: Emergency Manager

There were numerous trees down at the back of a property on High Ridge Drive.

A cold front moved across the Mid Atlantic and was accompanied by showers and thunderstorms that produced gusty winds. A strong jet of 50 knot winds was located at 850 mb or about a mile off the surface.

(VA-Z040) RAPPAHANNOCK

04/21/13 04:00 EST	0	Frost/Freeze
04/21/13 04:00 EST	0	

Canadian high pressure moved into the Mid Atlantic overnight. Calm winds and a clear sky over the region led to temperatures at or below freezing.

WEST VIRGINIA, East

(WV-Z055) HARDY, (WV-Z502) EASTERN GRANT, (WV-Z505) WESTERN PENDLETON, (WV-Z506) EASTERN PENDLETON

04/04/13 19:00 EST	0	Winter Weather
04/05/13 00:00 EST	0	

High pressure moved off the coast while low pressure approached from the southeast over the Carolinas. Moisture streamed in from the south while temperatures were below or near freezing. A wintry mix fell in areas along and west of the Blue Ridge.

MORGAN COUNTY --- 1.4 ENE GREAT CACAPON [39.63, -78.26]

04/24/13 16:00 EST	0	Thunderstorm Wind (EG 56 kt)
04/24/13 16:00 EST	1K	Source: 911 Call Center

There were trees down on Cacapon Road.

A cold front moved through the region and showers and thunderstorms developed. Ahead of cold front instability and shear led to isolated severe thunderstorms.