

## Storm Data and Unusual Weather Phenomena - August 2013

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>ATLANTIC NORTH</b>				
<b>CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- ANNAPOLIS [38.98, -76.48]</b>				
	08/09/13 16:00 EST	0		Marine Thunderstorm Wind (MG 34 kt)
	08/09/13 16:00 EST	0		Source: ASOS
Wind gusts in excess of 34 knots were measured at Annapolis.				
<b>CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- 0.2 SE GREENBERRY POINT [38.97, -76.46]</b>				
	08/09/13 16:03 EST	0		Marine Thunderstorm Wind (MG 37 kt)
	08/09/13 16:08 EST	0		Source: Mesonet
Wind gusts in excess of 37 knots were measured at Greenbury Point.				
<b>CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- 0.4 SE TOLLY POINT [38.94, -76.44]</b>				
	08/09/13 16:07 EST	0		Marine Thunderstorm Wind (MG 40 kt)
	08/09/13 16:27 EST	0		Source: Mesonet
Wind gusts in excess of 40 knots were measured at Tolly Point.				
<b>CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- 0.9 SE GREENBERRY POINT [38.96, -76.45]</b>				
	08/09/13 16:10 EST	0		Marine Thunderstorm Wind (MG 39 kt)
	08/09/13 16:10 EST	0		Source: Buoy
Wind gusts in excess of 39 knots were measured at Annapolis Buoy.				
<b>CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- 0.3 S STEVENSVILLE [38.98, -76.33]</b>				
	08/09/13 16:15 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	08/09/13 16:15 EST	0		Source: AWOS
Wind gusts in excess of 33 knots were measured at Stevensville.				
<b>CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- THOMAS POINT LIGHT [38.90, -76.44]</b>				
	08/09/13 17:00 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	08/09/13 17:00 EST	0		Source: Mesonet
Wind gusts in excess of 33 knots were measured at Thomas Point Lighthouse.				
<b>CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- 12.7 SSW THOMAS POINT LIGHT [38.73, -76.54]</b>				
	08/09/13 17:15 EST	0		Marine Thunderstorm Wind (MG 38 kt)
	08/09/13 17:20 EST	0		Source: Mesonet
Wind gusts in excess of 38 knots were measured at Herring Bay.				
<b>TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- 0.3 ENE BABAR POINT [38.31, -77.03]</b>				
	08/09/13 18:00 EST	0		Marine Thunderstorm Wind (MG 41 kt)
	08/09/13 18:10 EST	0		Source: Mesonet
Wind gusts in excess of 41 knots were measured at Baber Point.				
<b>TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- 0.3 N CUCKOLD CREEK [38.31, -76.93]</b>				
	08/09/13 18:23 EST	0		Marine Thunderstorm Wind (MG 44 kt)
	08/09/13 18:37 EST	0		Source: Mesonet
Wind gusts in excess of 44 knots were measured at Cuckold Creek.				
<b>TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- 27.1 ENE COBB POINT [38.43, -76.39]</b>				
	08/09/13 18:23 EST	0		Marine Thunderstorm Wind (MG 38 kt)
	08/09/13 18:37 EST	0		Source: Mesonet
Wind gusts in excess of 38 knots were measured at Cove Point.				

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>CHESAPEAKE BAY DRUM PT TO SMITH PT VA COUNTY --- 0.5 E PATUXENT RIVER ASOS [38.29, -76.40]</b>				
	08/09/13 18:45 EST		0	Marine Thunderstorm Wind (MG 41 kt)
	08/09/13 20:34 EST		0	Source: ASOS
Wind gusts in excess of 41 knots were measured at Patuxent River.				
<b>TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY --- 0.1 E BISHOPS HEAD [38.22, -76.04]</b>				
	08/09/13 19:30 EST		0	Marine Thunderstorm Wind (MG 39 kt)
	08/09/13 20:42 EST		0	Source: Mesonet
Wind gusts in excess of 39 knots were measured at Bishops Head.				
<b>TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY --- 0.1 ENE BISHOPS HEAD [38.22, -76.04]</b>				
	08/09/13 19:32 EST		0	Marine Thunderstorm Wind (MG 43 kt)
	08/09/13 19:35 EST		0	Source: Mesonet
Wind gusts in excess of 43 knots were measured at Bishops Head.				
<b>CHESAPEAKE BAY DRUM PT TO SMITH PT VA COUNTY --- 0.2 SSE LOWER HOOPERS ISLAND [38.26, -76.18]</b>				
	08/09/13 20:25 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	08/09/13 20:25 EST		0	Source: Mesonet
Wind gusts in excess of 34 knots were measured at Lower Hooper Island.				
<b>A cold front moved through the Mid Atlantic the evening. Warm conditions during the day led to increased instability and showers and thunderstorms formed due to convergence.</b>				
<b>CHESAPEAKE BAY N OF POOLES IS MD COUNTY --- 0.3 WNW SUSQUEHANNA [39.54, -76.07]</b>				
	08/13/13 05:10 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	08/13/13 05:30 EST		0	Source: Buoy
Wind gusts in excess of 31 knots were measured at Susquehanna River Buoy.				
<b>TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- 0.3 NNE WASHINGTON NATIONALS PARK [38.87, -77.01]</b>				
	08/13/13 19:29 EST		0	Marine Thunderstorm Wind (MG 36 kt)
	08/13/13 19:39 EST		0	Source: Mesonet
Wind gusts in excess of 36 knots were measured at Nationals Park.				
<b>TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- 2.5 NW LYLES-CROUCH ACADEMY ALEXANDRIA [38.83, -77.08]</b>				
	08/13/13 19:29 EST		0	Marine Thunderstorm Wind (MG 34 kt)
	08/13/13 19:29 EST		0	Source: Mesonet
Wind gusts in excess of 34 knots were measured at TC Williams High School.				
<b>TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- 0.2 E LYLES-CROUCH ACADEMY ALEXANDRIA [38.80, -77.05]</b>				
	08/13/13 19:34 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	08/13/13 19:34 EST		0	Source: Mesonet
Wind gusts in excess of 32 knots were measured at Lyles-Crouch Academy.				
<b>TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- 0.6 NW LYLES-CROUCH ACADEMY ALEXANDRIA [38.81, -77.06]</b>				
	08/13/13 19:34 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	08/13/13 19:34 EST		0	Source: Mesonet
Wind gusts in excess of 32 knots were measured at Club Managers Association.				
<b>TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- 0.7 WNW WASHINGTON NATIONALS PARK [38.87, -77.02]</b>				
	08/13/13 19:36 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	08/13/13 19:36 EST		0	Source: Mesonet
Wind gusts in excess of 31 knots were measured at Washington.				

## Storm Data and Unusual Weather Phenomena - August 2013

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- 1.1 SE LYLES-CROUCH ACADEMY ALEXANDRIA [38.79, -77.04]</b>				
	08/13/13 19:40 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	08/13/13 19:40 EST		0	Source: Buoy

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

<b>CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- 12.7 SSW THOMAS POINT LIGHT [38.73, -76.54]</b>				
	08/13/13 20:30 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	08/13/13 20:35 EST		0	Source: Mesonet

Wind gusts in excess of 32 knots were measured at Herring Bay.

**An upper level disturbance moved ahead of an approaching cold front. Southerly flow ahead of system led to increased moisture and warmer temperatures. There was enough instability to produce gusty winds, heavy rain and a tornado.**

<b>CHESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY --- 6.3 NNW MID BAY BUOY [38.56, -76.41]</b>				
	08/22/13 23:00 EST		0	Marine Thunderstorm Wind (MG 43 kt)
	08/23/13 00:00 EST		0	Source: Buoy

Wind gusts in excess of 43 knots were measured at Gooses Reef.

**An upper low moved over the Mid Atlantic during peak heating hours. Showers and thunderstorms form in Nelson County, VA and produced quarter sized hail and gusty winds.**

### DISTRICT OF COLUMBIA

<b>DISTRICT OF COLUMBIA COUNTY --- 1.7 SW TENLEYTOWN [38.93, -77.09]</b>				
	08/13/13 19:19 EST		0	Thunderstorm Wind (EG 52 kt)
	08/13/13 19:19 EST		0.50K	Source: 911 Call Center

There was a tree down blocking Loughboro Road.

<b>DISTRICT OF COLUMBIA COUNTY --- 0.7 N MOUNT PLEASANT [38.94, -77.05]</b>				
	08/13/13 19:25 EST		0	Thunderstorm Wind (EG 52 kt)
	08/13/13 19:25 EST		0.25K	Source: Broadcast Media

There was a tree reported down blocking North Bound Lane of Beach Drive at Park Road.

<b>DISTRICT OF COLUMBIA COUNTY --- 1.1 SW NATIONAL ARBORETUM [38.91, -76.99]</b>				
	08/13/13 19:33 EST		0	Thunderstorm Wind (EG 52 kt)
	08/13/13 19:33 EST		0.25K	Source: 911 Call Center

There was a large tree branch down on Raum Street.

**An upper level disturbance moved ahead of an approaching cold front. Southerly flow ahead of system led to increased moisture and warmer temperatures. There was enough instability to produce gusty winds, heavy rain and a tornado.**

### MARYLAND, Central

<b>(MD-Z502) CENTRAL AND EASTERN ALLEGANY</b>				
	08/04/13 00:20 EST		0	Dense Fog
	08/04/13 04:45 EST		0	

**A cold front moved over the Potomac Highlands and clearing occurred behind it. Dense fog formed in valleys under clear skies and light winds.**

<b>CARROLL COUNTY --- 0.6 SSW GREENMOUNT [39.62, -76.87]</b>				
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## Storm Data and Unusual Weather Phenomena - August 2013

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	08/07/13 19:51 EST		0	Thunderstorm Wind (EG 52 kt)
	08/07/13 19:51 EST		0.25K	Source: 911 Call Center

There was a tree down along Brodbeck Road.

**CARROLL COUNTY --- 1.8 NNW MILLERS [39.69, -76.86]**

	08/07/13 20:06 EST		0	Thunderstorm Wind (EG 52 kt)
	08/07/13 20:06 EST		0.50K	Source: 911 Call Center

There was a tree down along Water Tank Road.

**CARROLL COUNTY --- 1.3 E GUNPOWDER [39.72, -76.81]**

	08/07/13 20:12 EST		0	Thunderstorm Wind (EG 52 kt)
	08/07/13 20:12 EST		2K	Source: 911 Call Center

There were a few four and a half foot in diameter trees down.

**High pressure was located over the Atlantic and tropical moisture was drawn into the Mid Atlantic. Clearing west of the Baltimore and Washington DC metropolitan areas increased instability and thunderstorms developed with ample moisture to produce heavy rain and gusty winds.**

**CHARLES COUNTY --- 1.0 NW MARYLAND PT [38.38, -77.22]**

	08/09/13 17:42 EST		0	Thunderstorm Wind (EG 52 kt)
	08/09/13 17:42 EST		0.25K	Source: 911 Call Center

There was a tree down near the intersection of Riverside Road and Maryland Point Road.

**ST. MARY'S COUNTY --- 0.7 ENE HILLVILLE [38.37, -76.61]**

	08/09/13 18:20 EST		0	Thunderstorm Wind (EG 52 kt)
	08/09/13 18:20 EST		0.25K	Source: 911 Call Center

There was a tree down near 42476 Clover Hill Road.

**ST. MARY'S COUNTY --- 0.5 NNW LEONARDTOWN [38.31, -76.63]**

	08/09/13 18:29 EST		0	Thunderstorm Wind (EG 52 kt)
	08/09/13 18:29 EST		0.25K	Source: 911 Call Center

There was a tree down near 23245 Spalding Lane.

**A cold front moved through the Mid Atlantic the evening. Warm conditions during the day led to increased instability and showers and thunderstorms formed due to convergence.**

**ST. MARY'S COUNTY --- 0.8 WSW FOREST HALL [38.42, -76.73], 0.9 SSW MECHANICSVILLE [38.42, -76.74], 1.0 WSW FOREST HALL [38.42, -76.74], 0.8 WSW FOREST HALL [38.42, -76.73]**

	08/10/13 21:50 EST		0	Flash Flood (due to Heavy Rain)
	08/10/13 23:50 EST		0	Source: Trained Spotter

There was water of unknown depth flowing across Baptist Church Road approximately 1.5 miles west of Route 5.

**CHARLES COUNTY --- 1.5 SW DUBOIS [38.46, -76.85], 1.6 SW DUBOIS [38.46, -76.85], 1.7 SW DUBOIS [38.46, -76.85], 1.6 SW DUBOIS [38.46, -76.85]**

	08/10/13 22:28 EST		0	Flash Flood (due to Heavy Rain)
	08/11/13 00:28 EST		0	Source: 911 Call Center

Dubois Road at AG Supply Place was closed due to high water. A car was stuck in the high water in the same location.

**ST. MARY'S COUNTY --- 0.6 NNW HUNTERVILLE [38.48, -76.73], 0.6 NNW HUNTERVILLE [38.48, -76.73], 0.5 NNW HUNTERVILLE [38.48, -76.73], 0.5 NNW HUNTERVILLE [38.48, -76.73]**

	08/11/13 00:52 EST		0	Flash Flood (due to Heavy Rain)
	08/11/13 02:52 EST		0	Source: 911 Call Center

All Faith Church Road is closed at Killpeck Creek due to high water.

**High pressure was located off the east coast and southerly flow increased dew points into the 70s for areas east of the Blue Ridge. A frontal boundary sagged southward and thunderstorms developed near it.**

## Storm Data and Unusual Weather Phenomena - August 2013

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>HARFORD COUNTY --- 1.3 SW CALVARY [39.52, -76.27], 1.5 S CALVARY [39.51, -76.25]</b>				
	08/13/13 05:01 EST		0	Tornado (EF0, L: 1.00 mi , W: 75 yd)
	08/13/13 05:02 EST		2K	Source: NWS Storm Survey

Damage was limited to tree damage. Initial damage was found off Calvary Road or Route 136 just north of its intersection with Route 543. The last damage found was a tree uprooted in the 3100 Block of Nova Scotia Road between Cullum Road and Forestside Drive. No property damage to structures was found.

Other storm damage was noted in the town of Havre De Grace which was all tree damage. This damage was not surveyed but after examination of photographic evidence and interviews with Harford County OEM personnel it was determined to have been caused by straight line thunderstorm down burst winds.

<b>HARFORD COUNTY --- 1.2 SSE BENSON [39.48, -76.37]</b>				
	08/13/13 16:52 EST		0	Thunderstorm Wind (EG 52 kt)
	08/13/13 16:52 EST		2K	Source: NWS Storm Survey

There were trees down with debris.

<b>HARFORD COUNTY --- 1.2 WNW HAVRE DE GRACE [39.56, -76.12]</b>				
	08/13/13 17:12 EST		0	Thunderstorm Wind (EG 52 kt)
	08/13/13 17:12 EST		1K	Source: NWS Storm Survey

There was a tree down and several branches down.

<b>HARFORD COUNTY --- 0.7 NNE HAVRE DE GRACE [39.56, -76.10]</b>				
	08/13/13 17:15 EST		0	Thunderstorm Wind (EG 52 kt)
	08/13/13 17:15 EST		0.25K	Source: NWS Storm Survey

There was a large tree down.

**An upper level disturbance moved ahead of an approaching cold front. Southerly flow ahead of system led to increased moisture and warmer temperatures. There was enough instability to produce gusty winds, heavy rain and a tornado.**

<b>(MD-Z003) WASHINGTON, (MD-Z004) FREDERICK, (MD-Z013) PRINCE GEORGES, (MD-Z016) CHARLES, (MD-Z502) CENTRAL AND EASTERN ALLEGANY</b>				
	08/20/13 02:55 EST		0	Dense Fog
	08/20/13 08:20 EST		0	

High pressure over the Mid Atlantic led to clear and calm conditions and dense fog formed across most of the region.

<b>ALLEGANY COUNTY --- 0.4 WSW VALE SUMMIT [39.62, -78.93]</b>				
	08/21/13 18:04 EST		0	Thunderstorm Wind (EG 52 kt)
	08/21/13 18:04 EST		0.25K	Source: Trained Spotter

There was a tree down on Cabin Run Road.

**An upper level low moved into the Mid Atlantic and showers and thunderstorms formed as a shortwave trough moved across.**

<b>(MD-Z502) CENTRAL AND EASTERN ALLEGANY</b>				
	08/24/13 02:38 EST		0	Dense Fog
	08/24/13 05:15 EST		0	

**A cold front approached the region overnight. Prior to the frontal passage, high pressure over the region led to fog development in the Potomac Highlands and sheltered valleys west of the Blue Ridge.**

### **VIRGINIA, North**

<b>CULPEPER COUNTY --- 1.8 ESE MITCHELLS [38.37, -78.00]</b>				
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## Storm Data and Unusual Weather Phenomena - August 2013

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	08/01/13 15:30 EST		0	Thunderstorm Wind (EG 52 kt)
	08/01/13 15:30 EST		0.25K	Source: Public

There were many large 3-5 inch in diameter branches down on a property.

**A cold front approached from the west while a surface trough existed across the Mid Atlantic. There was enough instability for a few thunderstorms in the afternoon that produced gusty winds.**

ALBEMARLE COUNTY --- 2.3 WNW SIMEON [38.00, -78.49]				
	08/10/13 10:49 EST		1K	Thunderstorm Wind (EG 52 kt)
	08/10/13 10:49 EST		0.25K	Source: 911 Call Center

There was a tree down onto power lines along Route 20 south of Charlottesville.

ALBEMARLE COUNTY --- 0.9 NE WOODRIDGE [37.91, -78.44]				
	08/10/13 10:57 EST		0	Thunderstorm Wind (EG 52 kt)
	08/10/13 10:57 EST		0.25K	Source: 911 Call Center

There was a tree down blocking Rolling Road.

**High pressure was located off the east coast and southerly flow increased dew points into the 70s for areas east of the Blue Ridge. A frontal boundary sagged southward and thunderstorms developed near it.**

(VA-Z025) AUGUSTA, (VA-Z026) ROCKINGHAM, (VA-Z027) SHENANDOAH, (VA-Z029) PAGE, (VA-Z030) WARREN, (VA-Z036) NELSON, (VA-Z037) ALBEMARLE, (VA-Z038) GREENE, (VA-Z039) MADISON, (VA-Z040) RAPPAHANNOCK, (VA-Z050) ORANGE, (VA-Z051) CULPEPER, (VA-Z502) SOUTHERN FAUQUIER				
	08/11/13 22:53 EST		0	Dense Fog
	08/12/13 07:55 EST		0	

**A stationary boundary existed across the Mason Dixon line while dewpoints in the 60s and 70s persisted into the morning hours. Dense fog formed in Central Virginia and Shenandoah Valley.**

(VA-Z025) AUGUSTA, (VA-Z026) ROCKINGHAM, (VA-Z027) SHENANDOAH, (VA-Z029) PAGE, (VA-Z030) WARREN, (VA-Z031) CLARKE, (VA-Z036) NELSON, (VA-Z037) ALBEMARLE, (VA-Z050) ORANGE, (VA-Z051) CULPEPER, (VA-Z052) PRINCE WILLIAM, (VA-Z055) STAFFORD, (VA-Z056) SPOTSYLVANIA, (VA-Z057) KING GEORGE, (VA-Z502) SOUTHERN FAUQUIER, (VA-Z504) EASTERN HIGHLAND				
	08/20/13 00:55 EST		0	Dense Fog
	08/20/13 08:40 EST		0	

**High pressure over the Mid Atlantic led to clear and calm conditions and dense fog formed across most of the region.**

(VA-Z502) SOUTHERN FAUQUIER				
	08/21/13 00:15 EST		0	Dense Fog
	08/21/13 07:50 EST		0	

**High pressure over the Mid Atlantic led to clear and calm conditions and dense fog formed across most of the region.**

SHENANDOAH COUNTY --- 0.5 W NEW MARKET [38.65, -78.68]				
	08/21/13 16:20 EST		2K	Thunderstorm Wind (EG 52 kt)
	08/21/13 16:20 EST		0	Source: 911 Call Center

There were a few signs down near mile marker 264 along Interstate 81.

SHENANDOAH COUNTY --- 1.9 SSE NEW MARKET ARPT [38.62, -78.69]				
	08/21/13 16:30 EST		0	Thunderstorm Wind (EG 52 kt)
	08/21/13 16:30 EST		0.25K	Source: 911 Call Center

There was a tree reported down blocking the Southbound side of Route 11 on the 16000 block.

SHENANDOAH COUNTY --- 1.9 W QUICKSBURG [38.68, -78.71]				
	08/21/13 16:30 EST		0	Thunderstorm Wind (EG 52 kt)
	08/21/13 16:30 EST		0.25K	Source: Public

There was a large tree branch that snapped.

## Storm Data and Unusual Weather Phenomena - August 2013

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>ROCKINGHAM COUNTY --- 1.8 NNE MT CLINTON [38.50, -78.94]</b>				
	08/21/13 16:57 EST		0	Thunderstorm Wind (EG 52 kt)
	08/21/13 16:57 EST		0.25K	Source: 911 Call Center
There was a tree reported down on power lines on the 5500 Block of Singers Glen Road.				
<b>ROCKINGHAM COUNTY --- 0.3 NW BRIERY BRANCH [38.43, -79.08]</b>				
	08/21/13 17:14 EST		0	Thunderstorm Wind (EG 52 kt)
	08/21/13 17:14 EST		0.25K	Source: Public
There were multiple tree limbs and branches down along Community Center Drive.				
<b>An upper level low moved into the Mid Atlantic and showers and thunderstorms formed as a shortwave trough moved across.</b>				
<b>NELSON COUNTY --- 1.0 NNE STAGE BRIDGE [37.84, -78.77]</b>				
	08/22/13 13:00 EST		0	Thunderstorm Wind (EG 52 kt)
	08/22/13 13:00 EST		0.50K	Source: 911 Call Center
There were large tree limbs down and lots of hail of an unknown diameter north of Lovington.				
<b>NELSON COUNTY --- 1.1 NW STAGE BRIDGE [37.84, -78.79]</b>				
	08/22/13 13:00 EST		0	Hail (1.00 in)
	08/22/13 13:00 EST		0	Source: Public
<b>NELSON COUNTY --- 1.4 N FABER [37.85, -78.75]</b>				
	08/22/13 13:02 EST		3K	Thunderstorm Wind (EG 52 kt)
	08/22/13 13:02 EST		5K	Source: Trained Spotter
There was one oak tree and two poplar trees uprooted and onto houses.				
<b>NELSON COUNTY --- 2.1 NNW FABER [37.86, -78.76]</b>				
	08/22/13 13:02 EST		0	Thunderstorm Wind (EG 52 kt)
	08/22/13 13:02 EST		2K	Source: Trained Spotter
There were multiple trees down on Hickory Creek Road north of route 6.				
<b>NELSON COUNTY --- 0.7 E FABER [37.83, -78.74]</b>				
	08/22/13 13:10 EST		0	Hail (1.00 in)
	08/22/13 13:10 EST		0	Source: Other Federal Agency
<b>A upper low moved over the Mid Atlantic during peak heating hours. Showers and thunderstorms form in Nelson County, VA and produced quarter sized hail and gusty winds.</b>				
<b>(VA-Z025) AUGUSTA, (VA-Z026) ROCKINGHAM, (VA-Z029) PAGE, (VA-Z030) WARREN</b>				
	08/23/13 22:15 EST		0	Dense Fog
	08/24/13 08:15 EST		0	
<b>A cold front approached the region overnight. Prior to the frontal passage, high pressure over the region led to fog development in the Potomac Highlands and sheltered valleys west of the Blue Ridge.</b>				
<b>ALBEMARLE COUNTY --- 3.8 NNW FARMINGTON [38.10, -78.57]</b>				
	08/31/13 15:32 EST		0	Thunderstorm Wind (EG 52 kt)
	08/31/13 15:32 EST		0.25K	Source: Unknown
There was a tree down blocking traffic near the intersection of Garth Road and Quail Hollow Lane.				
<b>ALBEMARLE COUNTY --- 3.8 WNW GREENWOOD [38.07, -78.83]</b>				
	08/31/13 15:43 EST		0	Thunderstorm Wind (EG 52 kt)
	08/31/13 15:43 EST		0.25K	Source: 911 Call Center
There was a tree down blocking traffic at Garth and Barracks Road.				

## Storm Data and Unusual Weather Phenomena - August 2013

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>ALBEMARLE COUNTY --- 3.1 S RIO [38.03, -78.48]</b>				
	08/31/13 15:55 EST		0	Thunderstorm Wind (EG 52 kt)
	08/31/13 15:55 EST		0.25K	Source: 911 Call Center
There was a tree down blocking traffic at the 100 block of Monticello Road in downtown Charlottesville.				
<b>ALBEMARLE COUNTY --- 3.8 E RED HILL [37.97, -78.55]</b>				
	08/31/13 17:00 EST		0	Thunderstorm Wind (EG 52 kt)
	08/31/13 17:00 EST		1K	Source: 911 Call Center
There were trees down on Old Lynchburg Road near Rivanna Rifle and Pistol Club.				
<b>ALBEMARLE COUNTY --- 0.3 WNW BLEMHEIM [37.90, -78.50]</b>				
	08/31/13 17:20 EST		0	Thunderstorm Wind (EG 52 kt)
	08/31/13 17:20 EST		1K	Source: 911 Call Center
There were trees down blocking the roadway at the 1000 block of Secretarays Road.				
<b>ALBEMARLE COUNTY --- 0.6 NE BLEMHEIM [37.91, -78.49]</b>				
	08/31/13 17:20 EST		0	Thunderstorm Wind (EG 52 kt)
	08/31/13 17:20 EST		1K	Source: 911 Call Center
There were trees down closing a road on the 1600 Block of Secretarays Road near the intersections of Presidents and Blenheim.				
<b>ALBEMARLE COUNTY --- 1.1 ENE ALBERENE [37.89, -78.60]</b>				
	08/31/13 17:42 EST		1K	Thunderstorm Wind (EG 52 kt)
	08/31/13 17:42 EST		1K	Source: 911 Call Center
There was a tree down on power lines and blocking the road at the 5300 block of Secretarays Sand Road.				
<b>A shortwave trough entered the Mid Atlantic in the afternoon and showers and thunderstorms form along a lee trough just east of the Appalachians. Heating during the day led to instability to fuel thunderstorms and gusty winds occurred in Central VA.</b>				
<b>WEST VIRGINIA, East</b>				
<b>(WV-Z055) HARDY, (WV-Z502) EASTERN GRANT, (WV-Z504) EASTERN MINERAL</b>				
	08/04/13 00:20 EST		0	Dense Fog
	08/04/13 07:30 EST		0	
<b>A cold front moved over the Potomac Highlands and clearing occurred behind it. Dense fog formed in valleys under clear skies and light winds.</b>				
<b>HARDY COUNTY --- 3.4 SE ROCKOAK [39.12, -78.68]</b>				
	08/07/13 14:10 EST		0	Thunderstorm Wind (EG 52 kt)
	08/07/13 14:10 EST		0.25K	Source: 911 Call Center
There was a tree down on Ford Hill Road south of Rio.				
<b>MINERAL COUNTY --- 0.3 WSW ELK GARDEN [39.38, -79.15]</b>				
	08/07/13 16:29 EST		0	Thunderstorm Wind (EG 52 kt)
	08/07/13 16:29 EST		0.50K	Source: 911 Call Center
There was a tree down across Nethken Hill Road.				
<b>High pressure was located over the Atlantic and tropical moisture was drawn into the Mid Atlantic. Clearing west of the Blue Ridge increased instability and thunderstorms developed with ample moisture to produce heavy rain and gusty winds.</b>				
<b>HARDY COUNTY --- 3.4 ESE ROCKOAK [39.13, -78.67], 3.1 ESE ROCKOAK [39.13, -78.68], 3.2 ESE ROCKOAK [39.13, -78.68], 3.5 ESE ROCKOAK [39.13, -78.67]</b>				



## Storm Data and Unusual Weather Phenomena - August 2013

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	08/07/13 15:30 EST		0	Flash Flood (due to Heavy Rain)
	08/07/13 17:30 EST		0	Source: Trained Spotter

There were six inches of water flowing over route 29 in Rio.

**HARDY COUNTY --- 3.4 ESE ROCKOAK [39.13, -78.67], 3.2 ESE ROCKOAK [39.13, -78.68], 3.3 ESE ROCKOAK [39.13, -78.68], 3.5 ESE ROCKOAK [39.13, -78.67]**

	08/07/13 15:50 EST		0	Flash Flood (due to Heavy Rain)
	08/07/13 17:50 EST		0	Source: 911 Call Center

There was a road closed at Sperrys Run Road and Lower Arkansaw Road.

High pressure was located over the Atlantic and tropical moisture was drawn into the Mid Atlantic. Clearing west of the Blue Ridge increased instability and thunderstorms developed with ample moisture to produce heavy rain.

**(WV-Z050) HAMPSHIRE, (WV-Z051) MORGAN, (WV-Z052) BERKELEY, (WV-Z053) JEFFERSON, (WV-Z055) HARDY, (WV-Z502) EASTERN GRANT, (WV-Z504) EASTERN MINERAL, (WV-Z506) EASTERN PENDLETON**

	08/20/13 02:55 EST		0	Dense Fog
	08/20/13 08:40 EST		0	

High pressure over the Mid Atlantic led to clear and calm conditions and dense fog formed across most of the region.

**(WV-Z050) HAMPSHIRE, (WV-Z504) EASTERN MINERAL**

	08/24/13 02:38 EST		0	Dense Fog
	08/24/13 05:15 EST		0	

A cold front approached the region overnight. Prior to the frontal passage, high pressure over the region led to fog development in the Potomac Highlands and sheltered valleys west of the Blue Ridge.