

## Storm Data and Unusual Weather Phenomena - September 2012

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>ATLANTIC NORTH</b>				
<b>TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- 0.5 E (DCA)REAGAN NATIONAL AIRPORT [38.85, -77.03]</b>				
	09/01/12 20:39 EST		0	Marine Thunderstorm Wind (MG 43 kt)
	09/01/12 20:41 EST		0	Source: ASOS
Wind gusts up to 43 knots were measured at Reagan National Airport.				
<b>TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- 0.2 E LYLES-CROUCH ACADEMY ALEXANDRIA [38.80, -77.05]</b>				
	09/01/12 20:44 EST		0	Marine Thunderstorm Wind (MG 40 kt)
	09/01/12 20:44 EST		0	Source: Mesonet
Wind gusts up to 40 knots were reported at Lyles-Crouch Academy.				
<b>CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- 12.7 SSW THOMAS POINT LIGHT [38.73, -76.54]</b>				
	09/01/12 21:40 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	09/01/12 21:40 EST		0	Source: Mesonet
Wind gusts in excess of 31 knots were measured at Herring Bay.				
<b>CHESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY --- 0.2 NE COVE POINT [38.43, -76.39]</b>				
	09/01/12 22:24 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	09/01/12 22:30 EST		0	Source: Buoy
Wind gusts in excess of 31 knots were reported at Cove Point Buoy.				
<b>A weak frontal boundary was located across the Mid Atlantic. A shortwave trough interacted with the front and scattered thunderstorms produced hail and damaging winds.</b>				
<b>TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY --- 0.1 ESE RACCOON POINT [38.14, -75.79]</b>				
	09/03/12 11:46 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	09/03/12 11:46 EST		0	Source: Mesonet
Wind gusts in excess of 31 knots were reported at Raccoon Point.				
<b>A warm front moved north through the region as remnants of Isaac continued to influence the region. Heavy rain was the main impact during the morning but localized strong winds occurred over the Bay.</b>				
<b>TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY --- 0.1 E BISHOPS HEAD [38.22, -76.04]</b>				
	09/06/12 11:00 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	09/06/12 11:12 EST		0	Source: Buoy
Wind gusts in excess of 31 knots were reported at Bishops Head.				
<b>TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY --- 0.1 ENE BISHOPS HEAD [38.22, -76.04]</b>				
	09/06/12 11:01 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	09/06/12 11:01 EST		0	Source: Buoy
Wind gusts in excess of 31 knots were reported at Bishops Head Buoy.				
<b>TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY --- 1.2 SE SMITH ISLAND [37.97, -76.02]</b>				
	09/06/12 12:08 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	09/06/12 12:08 EST		0	Source: Mesonet
Wind gusts in excess of 31 knots were reported at Smith Island.				
<b>A surface trough moved into Central VA in the morning as a shortwave trough passed over the region. Showers and thunderstorms formed and produced damaging winds and large hail.</b>				
<b>CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- 42.9 S THOMAS POINT LIGHT [38.28, -76.41]</b>				
	09/06/12 15:28 EST		0	Marine Thunderstorm Wind (MG 35 kt)
	09/06/12 15:28 EST		0	Source: ASOS

## Storm Data and Unusual Weather Phenomena - September 2012

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Wind gusts up to 35 knots were reported at Annapolis.				
<b>TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- 1.9 WNW (DCA)REAGAN NATIONAL AIRPORT [38.86, -77.07]</b>				
	09/08/12 14:55 EST	0		Marine Thunderstorm Wind (MG 42 kt)
	09/08/12 15:04 EST	0		Source: Mesonet
Wind gusts up to 42 knots were reported Hoffman-Boston ES.				
<b>TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- 2.1 NNW WASHINGTON NATIONALS PARK [38.90, -77.02]</b>				
	09/08/12 14:55 EST	0		Marine Thunderstorm Wind (MG 54 kt)
	09/08/12 15:04 EST	0		Source: Mesonet
Wind gusts up to 54 knots were reported at Pepco Washington DC.				
<b>TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- 0.5 E (DCA)REAGAN NATIONAL AIRPORT [38.85, -77.03]</b>				
	09/08/12 14:56 EST	0		Marine Thunderstorm Wind (MG 50 kt)
	09/08/12 14:56 EST	0		Source: ASOS
Wind gusts up to 50 knots were reported at Reagan National Airport.				
<b>TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- 11.6 NNE QUANTICO [38.64, -77.20]</b>				
	09/08/12 15:00 EST	0		Marine Thunderstorm Wind (MG 34 kt)
	09/08/12 15:00 EST	0		Source: Mesonet
Wind gusts up to 34 knots were reported at Mason Neck.				
<b>TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- 0.3 NNE WASHINGTON NATIONALS PARK [38.87, -77.01]</b>				
	09/08/12 15:00 EST	0		Marine Thunderstorm Wind (MG 45 kt)
	09/08/12 15:10 EST	0		Source: Mesonet
Wind gusts up to 45 knots were reported at Nationals Park.				
<b>TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- 0.7 WNW WASHINGTON NATIONALS PARK [38.87, -77.02]</b>				
	09/08/12 15:00 EST	0		Marine Thunderstorm Wind (MG 37 kt)
	09/08/12 15:00 EST	0		Source: Mesonet
Wind gusts of 37 knots were reported at Washington DC.				
<b>TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- 1.1 SE LYLES-CROUCH ACADEMY ALEXANDRIA [38.79, -77.04]</b>				
	09/08/12 15:00 EST	0		Marine Thunderstorm Wind (MG 47 kt)
	09/08/12 15:10 EST	0		Source: Buoy
Wing gusts up to 47 knots were reported at Upper Potomac Buoy.				
<b>CHESAPEAKE BAY DRUM PT TO SMITH PT VA COUNTY --- 54.1 NW PATUXENT RIVER ASOS [38.90, -77.04]</b>				
	09/08/12 15:05 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	09/08/12 15:05 EST	0		Source: Mesonet
Wind gusts in excess of 32 knots were reported at George Washington University.				
<b>TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- 0.4 NE QUANTICO [38.50, -77.31]</b>				
	09/08/12 15:05 EST	0		Marine Thunderstorm Wind (MG 50 kt)
	09/08/12 15:05 EST	0		Source: ASOS
Wind gusts up to 50 knots were reported at Quantico.				
<b>TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- 0.7 WNW WASHINGTON NATIONALS PARK [38.87, -77.02]</b>				
	09/08/12 15:06 EST	0		Marine Thunderstorm Wind (MG 37 kt)
	09/08/12 15:06 EST	0		Source: Mesonet
Wind gusts up to 37 knots were reported at Washington DC.				

## Storm Data and Unusual Weather Phenomena - September 2012

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- 0.6 NW LYLES-CROUCH ACADEMY ALEXANDRIA [38.81, -77.06]</b>				
	09/08/12 15:10 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	09/08/12 15:10 EST	0		Source: Mesonet
Wind gusts in excess of 33 knots were reported at Club Managers Association Alexandria.				
<b>PATAPSCO RIVER INCLUDING BALTIMORE HARBOR COUNTY --- 4.3 NNW RIVIERA BEACH [39.22, -76.53]</b>				
	09/08/12 15:18 EST	0		Marine Thunderstorm Wind (MG 36 kt)
	09/08/12 15:30 EST	0		Source: Mesonet
Wind gusts up to 36 knots were reported at the Baltimore Key Bridge.				
<b>CHESAPEAKE BAY POOLES IS TO SANDY PT MD COUNTY --- 0.2 NNW PATAPSCO BUOY [39.15, -76.39]</b>				
	09/08/12 15:30 EST	0		Marine Thunderstorm Wind (MG 43 kt)
	09/08/12 15:50 EST	0		Source: Buoy
Wind gusts up to 43 knots were reported at Patapsco Buoy.				
<b>CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- 0.3 S US NAVAL ACADEMY [38.98, -76.49]</b>				
	09/08/12 15:34 EST	0		Marine Thunderstorm Wind (MG 34 kt)
	09/08/12 15:34 EST	0		Source: Mesonet
Wind gusts up to 34 knots were reported at St Mary's Elementary School.				
<b>CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- 2.4 W TOLLY POINT [38.94, -76.48]</b>				
	09/08/12 15:34 EST	0		Marine Thunderstorm Wind (MG 38 kt)
	09/08/12 15:44 EST	0		Source: Mesonet
Wind gusts up to 38 knots were reported at St Anne's School in Annapolis.				
<b>CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- 12.7 SSW THOMAS POINT LIGHT [38.73, -76.54]</b>				
	09/08/12 15:35 EST	0		Marine Thunderstorm Wind (MG 39 kt)
	09/08/12 15:45 EST	0		Source: Mesonet
Wind gusts up to 39 knots were reported at Herring Bay.				
<b>TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- 24.5 SSE MASON NECK [38.31, -77.03]</b>				
	09/08/12 15:35 EST	0		Marine Thunderstorm Wind (MG 42 kt)
	09/08/12 15:55 EST	0		Source: Mesonet
Wind gusts up to 42 knots were reported at Baber Point.				
<b>CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- 0.2 SE GREENBERRY POINT [38.97, -76.46]</b>				
	09/08/12 15:36 EST	0		Marine Thunderstorm Wind (MG 40 kt)
	09/08/12 15:50 EST	0		Source: Mesonet
Wind gusts up to 40 knots were reported at Greenbury Point.				
<b>CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- 0.9 SE GREENBERRY POINT [38.96, -76.45]</b>				
	09/08/12 15:40 EST	0		Marine Thunderstorm Wind (MG 35 kt)
	09/08/12 15:50 EST	0		Source: Buoy
Wind gusts up to 35 knots were reported at CBIBS Annapolis Buoy.				
<b>CHESAPEAKE BAY POOLES IS TO SANDY PT MD COUNTY --- 6.7 ENE BALTIMORE APPROACHES BUOY [39.21, -76.25]</b>				
	09/08/12 15:42 EST	0		Marine Thunderstorm Wind (MG 45 kt)
	09/08/12 15:54 EST	0		Source: Mesonet
Wind gusts up to 45 knots were reported at Tolly Point Bayside Elementary.				
<b>TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- 0.2 W POTOMAC LIGHT [38.34, -76.99]</b>				

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	09/08/12 15:43 EST		0	Marine Thunderstorm Wind (MG 36 kt)
	09/08/12 15:43 EST		0	Source: Mesonet

Wind gusts up to 36 knots were reported at Potomac Light.

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<b>CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- 1.3 E STEVENSVILLE [38.98, -76.31]</b>				
	09/08/12 15:44 EST		0	Marine Thunderstorm Wind (MG 37 kt)
	09/08/12 15:44 EST		0	Source: Mesonet

Wind gusts up to 37 knots were reported at Stevensville.

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<b>CHESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY --- 0.4 E CHESAPEAKE BEACH [38.69, -76.53]</b>				
	09/08/12 15:45 EST		0	Marine Thunderstorm Wind (MG 36 kt)
	09/08/12 15:50 EST		0	Source: Mesonet

Wind gusts up to 36 knots were reported at Ron n Reel Chesapeake Beach.

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<b>CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- 0.3 WSW KENT ISLAND [38.92, -76.36]</b>				
	09/08/12 15:45 EST		0	Marine Thunderstorm Wind (MG 36 kt)
	09/08/12 15:55 EST		0	Source: Mesonet

Wind gusts up to 36 knots were reported at Kent Island.

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<b>TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- 0.3 N CUCKOLD CREEK [38.31, -76.93]</b>				
	09/08/12 15:47 EST		0	Marine Thunderstorm Wind (MG 34 kt)
	09/08/12 15:47 EST		0	Source: Mesonet

Wind gusts up to 34 knots were reported at Cuckold Creek.

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<b>CHESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY --- 11.2 E CHESAPEAKE BEACH [38.68, -76.33]</b>				
	09/08/12 15:55 EST		0	Marine Thunderstorm Wind (MG 36 kt)
	09/08/12 16:05 EST		0	Source: Mesonet

Wind gusts of up to 36 knots were reported at Blackwalnut Harbour.

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<b>TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- 0.2 NNE MONROE CREEK [38.23, -76.95]</b>				
	09/08/12 15:55 EST		0	Marine Thunderstorm Wind (MG 34 kt)
	09/08/12 15:55 EST		0	Source: Mesonet

Wind gusts up to 34 knots were reported at Monroe Creek.

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<b>CHESAPEAKE BAY POOLES IS TO SANDY PT MD COUNTY --- 4.3 ESE SANDY POINT [38.98, -76.33]</b>				
	09/08/12 15:56 EST		0	Marine Thunderstorm Wind (MG 34 kt)
	09/08/12 15:56 EST		0	Source: Mesonet

Wind gusts up to 34 knots were reported at Stevensville MD.

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<b>CHESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY --- 6.3 NNW MID BAY BUOY [38.56, -76.41]</b>				
	09/08/12 16:00 EST		0	Marine Thunderstorm Wind (MG 37 kt)
	09/08/12 16:10 EST		0	Source: Buoy

Wind gusts up to 37 knots were reported at CBIBS Gooses Reef Buoy.

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<b>CHESAPEAKE BAY SANDY PT TO N BEACH MD COUNTY --- THOMAS POINT LIGHT [38.90, -76.44]</b>				
	09/08/12 16:00 EST		0	Marine Thunderstorm Wind (MG 52 kt)
	09/08/12 16:00 EST		0	Source: Buoy

Wind gusts up to 52 knots were reported at Thomas Point Lighthouse.

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<b>TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- 0.2 NNE MONROE CREEK [38.23, -76.95]</b>				
	09/08/12 16:05 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	09/08/12 16:10 EST		0	Source: Mesonet

## Storm Data and Unusual Weather Phenomena - September 2012

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Wind gusts in excess of 33 knots were reported at Monroe Creek.				
<b>CHESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY --- 0.2 NE COVE POINT [38.43, -76.39]</b>				
	09/08/12 16:12 EST	0		Marine Thunderstorm Wind (MG 47 kt)
	09/08/12 16:48 EST	0		Source: Mesonet
Wind gusts up to 47 knots were reported at Cove Point.				
<b>CHESAPEAKE BAY DRUM PT TO SMITH PT VA COUNTY --- 0.8 SSW PATUXENT RIVER ASOS [38.28, -76.41]</b>				
	09/08/12 16:17 EST	0		Marine Thunderstorm Wind (MG 34 kt)
	09/08/12 16:17 EST	0		Source: ASOS
Wind gusts up to 34 knots were reported at Patuxent River ASOS.				
<b>CHOPTANK RIVER TO CAMBRIDGE MD AND THE LITTLE CHOPTANK RIVER COUNTY --- 0.3 SE CAMBRIDGE [38.57, -76.07]</b>				
	09/08/12 16:18 EST	0		Marine Thunderstorm Wind (MG 37 kt)
	09/08/12 16:36 EST	0		Source: Mesonet
Wind gusts up to 37 knots were reported at Cambridge.				
<b>TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- 0.3 NW PINEY POINT [38.13, -76.53]</b>				
	09/08/12 16:30 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	09/08/12 16:30 EST	0		Source: Mesonet
Wind gusts in excess of 33 knots were reported at Piney Point.				
<b>CHESAPEAKE BAY N BEACH TO DRUM PT MD COUNTY --- 0.2 NE COVE POINT [38.43, -76.39]</b>				
	09/08/12 16:48 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	09/08/12 16:48 EST	0		Source: Mesonet
Wind gusts in excess of 31 knots were reported at Cove Point.				
<b>TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY --- 0.1 E BISHOPS HEAD [38.22, -76.04]</b>				
	09/08/12 16:54 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	09/08/12 16:54 EST	0		Source: Mesonet
Wind gusts in excess of 31 knots were reported at Bishops Head.				
<b>TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY --- 0.1 ENE BISHOPS HEAD [38.22, -76.04]</b>				
	09/08/12 16:54 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	09/08/12 16:54 EST	0		Source: Mesonet
Wind gusts in excess of 31 knots were reported at Bishops Head.				
<b>TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- 0.4 SE LEWISSETTA [37.99, -76.47]</b>				
	09/08/12 16:54 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	09/08/12 16:54 EST	0		Source: Mesonet
Wind gusts in excess of 33 knots were reported Lewisetta.				
<b>TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- 0.5 SE LEWISSETTA [37.99, -76.46]</b>				
	09/08/12 16:54 EST	0		Marine Thunderstorm Wind (EG 34 kt)
	09/08/12 16:54 EST	0		Source: Mesonet
Wind gusts in excess of 33 knots were reported at Lewisetta.				
<b>TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY --- 1.5 ENE CRISFIELD [37.98, -75.86]</b>				
	09/08/12 17:34 EST	0		Marine Thunderstorm Wind (MG 39 kt)
	09/08/12 17:59 EST	0		Source: Mesonet
Wind gusts up to 39 knots were reported at Crisfield Fire Department.				

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<b>TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY --- 0.3 SE CRISFIELD [37.97, -75.88]</b>				
	09/08/12 17:39 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	09/08/12 17:39 EST		0	Source: Mesonet
Wind gusts in excess of 32 knots were reported at Crisfield CG Stat.				
<b>TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY --- 0.4 SSW SMITH ISLAND [37.98, -76.04]</b>				
	09/08/12 17:59 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	09/08/12 17:59 EST		0	Source: Mesonet
Wind gusts in excess of 32 knots were reported at Smith Island.				
<b>A cold front crossed WV in the morning and made it to the I-95 corridor by the evening. Increased instability led to pre frontal showers and thunderstorms that were capable of damaging winds.</b>				
<b>TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- 0.5 E (DCA)REAGAN NATIONAL AIRPORT [38.85, -77.03]</b>				
	09/18/12 14:10 EST		0	Marine Thunderstorm Wind (MG 53 kt)
	09/18/12 14:10 EST		0	Source: ASOS
Wind gusts up to 53 knots were reported at Reagan National.				
<b>CHESAPEAKE BAY N OF POOLES IS MD COUNTY --- 0.3 WNW SUSQUEHANNA [39.54, -76.07]</b>				
	09/18/12 15:40 EST		0	Marine Thunderstorm Wind (MG 49 kt)
	09/18/12 15:40 EST		0	Source: Buoy
Wind gusts up to 49 knots were reported at CBIBS Suquehanna River Buoy.				
<b>TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- 1.9 WNW (DCA)REAGAN NATIONAL AIRPORT [38.86, -77.07]</b>				
	09/18/12 22:44 EST		0	Marine Thunderstorm Wind (MG 34 kt)
	09/18/12 22:44 EST		0	Source: Mesonet
Wind gusts up to 34 knots were reported at Hoffman-Boston ES Arlington VA.				
<b>TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- 0.3 ENE BABAR POINT [38.31, -77.03]</b>				
	09/18/12 23:05 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	09/18/12 23:05 EST		0	Source: Mesonet
Wind gusts in excess of 31 knots were reported at Baber Point.				
<b>TIDAL POTOMAC INDIAN HD TO COBB IS MD COUNTY --- 0.2 NNE MONROE CREEK [38.23, -76.95]</b>				
	09/18/12 23:20 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	09/18/12 23:20 EST		0	Source: Mesonet
Wind gusts in excess of 33 knots were reported at Monroe Creek.				
<b>CHESAPEAKE BAY POOLES IS TO SANDY PT MD COUNTY --- 0.2 NNW MILLER ISLAND [39.25, -76.37]</b>				
	09/18/12 23:25 EST		0	Marine Thunderstorm Wind (MG 36 kt)
	09/18/12 23:25 EST		0	Source: Mesonet
Wind gusts of up to 36 knots were reported at Hartmiller Island.				
<b>A cold front moved through the region and showers and severe thunderstorms occurred across the Mid Atlantic. A strong low level jet drove activity through the Interstate 95 corridor and abundant amounts of moisture produced heavy rain.</b>				
<b>CHESAPEAKE BAY POOLES IS TO SANDY PT MD COUNTY --- 6.7 ENE BALTIMORE APPROACHES BUOY [39.21, -76.25]</b>				
	09/22/12 18:42 EST		0	Marine Thunderstorm Wind (MG 40 kt)
	09/22/12 18:42 EST		0	Source: Mesonet
Wind gusts up to 40 knots were reported at Tolchester Beach.				
<b>A cold front moved through the Mid Atlantic in the evening. Convection formed due to low level moisture transport ahead the cold front and low level convergence near the upper Chesapeake Bay. Storms were capable of gusty winds.</b>				

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<b>TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- 0.4 SE LEWISSETTA [37.99, -76.47]</b>				
	09/28/12 16:48 EST		0	Marine Thunderstorm Wind (MG 41 kt)
	09/28/12 16:48 EST		0	Source: Mesonet
Wind gusts up to 41 gusts were reported at Lewisetta.				
<b>TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- 0.5 SE LEWISSETTA [37.99, -76.46]</b>				
	09/28/12 16:48 EST		0	Marine Thunderstorm Wind (MG 41 kt)
	09/28/12 16:48 EST		0	Source: Mesonet
Wind gusts up to 41 knots were reported at Lewisetta.				
<b>TIDAL POTOMAC COBB IS MD TO SMITH PT VA COUNTY --- 0.3 NE POTOMAC BUOY [38.03, -76.34]</b>				
	09/28/12 17:10 EST		0	Marine Thunderstorm Wind (MG 39 kt)
	09/28/12 17:10 EST		0	Source: Buoy
Wind gusts up to 39 knots were reported CBIBS Potomac Point Lookout Buoy.				
<b>A short wave trough moved over the region. Enough instability helped initiate showers and thunderstorms and some thunderstorms produced gusty winds over the Potomac and Chesapeake Bay.</b>				
<b>CHESAPEAKE BAY N OF POOLES IS MD COUNTY --- 11.1 SSE GUNPOWDER FALLS STATE PARK [39.21, -76.25]</b>				
	09/30/12 16:30 EST		0	Marine Thunderstorm Wind (EG 34 kt)
	09/30/12 16:30 EST		0	Source: Mesonet
Wind gusts in excess of 31 knots were reported at Tolchester Beach.				
<b>A large upper trough of low pressure was over the Northeast U.S. Shortwave energy rounded the base of the upper trough and scattered showers capable of hail and gusty winds were able to form over parts of the Chesapeake Bay and Potomac River.</b>				
<b>DISTRICT OF COLUMBIA</b>				
<b>DISTRICT OF COLUMBIA COUNTY --- 0.8 SSW BROOKLAND [38.92, -77.01], 0.9 SSW BROOKLAND [38.92, -77.01], 0.9 SSW BROOKLAND [38.92, -77.01], 0.9 SSW BROOKLAND [38.92, -77.01]</b>				
	09/02/12 19:15 EST		0	Flash Flood (due to Heavy Rain)
	09/02/12 21:15 EST		0	Source: 911 Call Center
The intersection of 1st St NE and V St NE was closed.				
<b>DISTRICT OF COLUMBIA COUNTY --- 1.3 E MOUNT PLEASANT [38.93, -77.03], 1.3 E MOUNT PLEASANT [38.93, -77.03], 1.3 E MOUNT PLEASANT [38.93, -77.03], 1.3 E MOUNT PLEASANT [38.93, -77.03]</b>				
	09/02/12 19:15 EST		0	Flash Flood (due to Heavy Rain)
	09/02/12 21:15 EST		0	Source: 911 Call Center
The 2900 block of Sherman Avenue was closed.				
<b>DISTRICT OF COLUMBIA COUNTY --- 1.3 SW BROOKLAND [38.92, -77.01], 1.3 SW BROOKLAND [38.91, -77.01], 1.2 SSW BROOKLAND [38.92, -77.01], 1.2 SW BROOKLAND [38.92, -77.01]</b>				
	09/02/12 19:15 EST		0	Flash Flood (due to Heavy Rain)
	09/02/12 21:15 EST		0	Source: 911 Call Center
Rhode Island Avenue NW was closed between the 100 and 200 block.				
<b>DISTRICT OF COLUMBIA COUNTY --- 1.4 SW BROOKLAND [38.91, -77.02], 1.5 SW BROOKLAND [38.91, -77.02], 1.4 SW BROOKLAND [38.91, -77.02], 1.4 SW BROOKLAND [38.91, -77.02]</b>				
	09/02/12 19:15 EST		0	Flash Flood (due to Heavy Rain)
	09/02/12 21:15 EST		0	Source: 911 Call Center
The intersection of Rhode Island Ave NW and Florida Ave NW was closed.				

## Storm Data and Unusual Weather Phenomena - September 2012

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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A stationary boundary was stalled across the region. A very moist airmass was in place with high PWAT values. Showers and thunderstorms that did develop caused flash flooding.

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**DISTRICT OF COLUMBIA COUNTY --- 1.7 SW GEORGETOWN [38.91, -77.08]**

09/08/12 14:51 EST			0.50K	Thunderstorm Wind (EG 50 kt)
09/08/12 14:51 EST			0	Source: Broadcast Media

There was a tree down on Canal Road.

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**DISTRICT OF COLUMBIA COUNTY --- 0.9 SE BOLLING AFB [38.84, -77.01]**

09/08/12 15:01 EST			1K	Thunderstorm Wind (EG 50 kt)
09/08/12 15:01 EST			0	Source: Trained Spotter

There were several one foot diameter trees down on the side of Interstate 295.

A cold front crossed WV in the morning and made it to the I-95 corridor by the evening. Increased instability led to pre frontal showers and thunderstorms that were capable of damaging winds.

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**DISTRICT OF COLUMBIA COUNTY --- 1.6 NNE BENNING [38.90, -76.94], 1.5 NNE BENNING [38.90, -76.94], 1.5 NNE BENNING [38.90, -76.94], 1.6 NNE BENNING [38.90, -76.94]**

09/08/12 15:05 EST			0	Flash Flood (due to Heavy Rain)
09/08/12 21:00 EST			0	Source: 911 Call Center

There were portions of Minnesota Ave and Nannie Helen Burroughs Ave closed due to flash flooding in association with Watts Branch.

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**DISTRICT OF COLUMBIA COUNTY --- 1.1 N BENNING [38.90, -76.95], 1.0 N BENNING [38.90, -76.95], 1.0 N BENNING [38.89, -76.95], 1.1 N BENNING [38.90, -76.95]**

09/08/12 15:10 EST			0	Flash Flood (due to Heavy Rain)
09/08/12 21:00 EST			0	Source: 911 Call Center

Benning Road was closed due to flash flooding in association with Watts Branch near Route 295.

A cold front crossed WV in the morning and made it to the I-95 corridor by the evening. Increased instability led to pre frontal showers and thunderstorms that were capable of damaging winds and flash flooding.

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**DISTRICT OF COLUMBIA COUNTY --- 1.2 SW GEORGETOWN [38.91, -77.07]**

09/18/12 14:07 EST			0.50K	Thunderstorm Wind (EG 50 kt)
09/18/12 14:07 EST			0	Source: Newspaper

There was a tree down blocking the intersection of 33rd Street and P St NW.

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**DISTRICT OF COLUMBIA COUNTY --- 1.2 NNE US CAPITOL [38.90, -77.01]**

09/18/12 14:11 EST			0.50K	Thunderstorm Wind (EG 50 kt)
09/18/12 14:11 EST			0	Source: Newspaper

There was a tree down blocking the intersection of 2nd St and E ST NW.

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**DISTRICT OF COLUMBIA COUNTY --- 1.5 ENE MOUNT PLEASANT [38.94, -77.03]**

09/18/12 14:13 EST			0.50K	Thunderstorm Wind (EG 50 kt)
09/18/12 14:13 EST			0	Source: Newspaper

There was a tree down blocking 900 block of Shepherd St NW.

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**DISTRICT OF COLUMBIA COUNTY --- 2.0 SE WALTER REED [38.96, -77.00]**

09/18/12 14:16 EST			0.50K	Thunderstorm Wind (EG 50 kt)
09/18/12 14:16 EST			0	Source: Newspaper

There was a tree down on 400 block of Oglethorpe St NE.

A cold front moved through the region and showers and severe thunderstorms occurred across the Mid Atlantic. A strong low level jet drove activity through the Interstate 95 corridor and abundant amounts of moisture produced heavy rain.



## Storm Data and Unusual Weather Phenomena - September 2012

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>MARYLAND, Central</b>				
<b>BALTIMORE COUNTY --- 1.2 WNW BROOKLANDVILLE [39.42, -76.69]</b>				
	09/01/12 17:55 EST		0.50K	Thunderstorm Wind (EG 50 kt)
	09/01/12 17:55 EST		0	Source: 911 Call Center
There was a tree blocking the intersection of Greenspring Valley Road and Greenspring Ave.				
<b>A weak frontal boundary was located across the Mid Atlantic. A shortwave trough interacted with the front and scattered thunderstorms produced hail and damaging winds.</b>				
<b>ST. MARY'S COUNTY --- 0.2 W LEXINGTON PARK [38.27, -76.45], 0.6 WSW LEXINGTON PARK [38.27, -76.46], 0.8 SSE LEXINGTON PARK [38.26, -76.45], 0.6 SE LEXINGTON PARK [38.26, -76.44]</b>				
	09/02/12 13:40 EST		0	Flash Flood (due to Heavy Rain)
	09/02/12 16:40 EST		0	Source: 911 Call Center
Great Mills Road was closed due to high water in Lexington Park.				
<b>A stationary boundary was stalled across the region. A very moist airmass was in place with high PWAT values. Showers and thunderstorms that did develop caused flash flooding.</b>				
<b>BALTIMORE CITY (C) COUNTY --- 0.4 NW HAMPDEN [39.35, -76.64], 0.3 NW HAMPDEN [39.35, -76.63], 0.3 NW HAMPDEN [39.35, -76.63], 0.3 NW HAMPDEN [39.35, -76.63]</b>				
	09/03/12 15:45 EST		0	Flash Flood (due to Heavy Rain)
	09/03/12 17:45 EST		0	Source: Emergency Manager
The intersection of Roland Avenue at Wyndhurst Road was closed.				
<b>BALTIMORE CITY (C) COUNTY --- 0.2 SE ROLAND PARK [39.37, -76.65], 0.2 SSE ROLAND PARK [39.37, -76.65], 0.3 SSE ROLAND PARK [39.37, -76.65], 0.3 SSE ROLAND PARK [39.37, -76.65]</b>				
	09/03/12 15:48 EST		0	Flash Flood (due to Heavy Rain)
	09/03/12 17:45 EST		0	Source: Emergency Manager
The intersection of Falls Road and Clark Hill Road was closed.				
<b>A warm front moved north through the region as remnants of Isaac continued to influence the region. Heavy rain was the main impact during the morning but localized strong winds occurred over the Bay.</b>				
<b>ST. MARY'S COUNTY --- 1.0 W CALIFORNIA [38.30, -76.52], 1.0 W CALIFORNIA [38.30, -76.52], 1.0 W CALIFORNIA [38.30, -76.52], 1.0 W CALIFORNIA [38.30, -76.52]</b>				
	09/06/12 10:00 EST		0	Flash Flood (due to Heavy Rain)
	09/06/12 12:45 EST		0	Source: 911 Call Center
There was flash flooding on Worth Avenue.				
<b>A surface trough moved into Central VA in the morning as a shortwave trough passed over the region. Showers and thunderstorms formed and produced heavy rain, damaging winds and large hail.</b>				
<b>WASHINGTON COUNTY --- 1.2 SE LINCOLN AVENUE [39.61, -77.75]</b>				
	09/08/12 11:45 EST		0.50K	Thunderstorm Wind (EG 50 kt)
	09/08/12 11:45 EST		0	Source: Department of Highways
There was a tree down across Maryland Route 632 between Halfway and Interstate 70.				
<b>WASHINGTON COUNTY --- 2.2 NW BEAVER CREEK [39.60, -77.68]</b>				
	09/08/12 11:46 EST		0.50K	Thunderstorm Wind (EG 50 kt)
	09/08/12 11:46 EST		0	Source: Broadcast Media
There were trees down on route 40 near interstate 70.				
<b>WASHINGTON COUNTY --- 1.4 WSW CHEWSVILLE [39.64, -77.65]</b>				
	09/08/12 11:50 EST		0.50K	Thunderstorm Wind (EG 50 kt)
	09/08/12 11:50 EST		0	Source: Broadcast Media

## Storm Data and Unusual Weather Phenomena - September 2012

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
There were trees down on route 64 in Robinwood.				
<b>WASHINGTON COUNTY --- 1.9 ESE SECURITY [39.64, -77.67]</b>				
	09/08/12 11:51 EST		0.50K	Thunderstorm Wind (EG 50 kt)
	09/08/12 11:51 EST		0	Source: Department of Highways
There was a tree down near Maryland 64 and Greendale Drive.				
<b>WASHINGTON COUNTY --- 0.6 NNE CAVETOWN [39.66, -77.58]</b>				
	09/08/12 11:53 EST		0	Thunderstorm Wind (MG 50 kt)
	09/08/12 11:53 EST		0	Source: Mesonet
<b>WASHINGTON COUNTY --- 0.5 SW CAVETOWN [39.64, -77.59]</b>				
	09/08/12 11:55 EST		1K	Thunderstorm Wind (EG 50 kt)
	09/08/12 11:55 EST		0	Source: Department of Highways
There was a tree down across Maryland Rt 66 at Cavetown Church Road. Also reported was tree debris.				
<b>FREDERICK COUNTY --- 1.6 NE FOXVILLE [39.65, -77.48]</b>				
	09/08/12 12:02 EST		0.50K	Thunderstorm Wind (EG 50 kt)
	09/08/12 12:02 EST		0	Source: 911 Call Center
There was a tree down along Park Central Road.				
<b>FREDERICK COUNTY --- 0.4 S BURKITTSVILLE [39.39, -77.63]</b>				
	09/08/12 12:13 EST		0.50K	Thunderstorm Wind (EG 50 kt)
	09/08/12 12:13 EST		0	Source: 911 Call Center
There was tree down along Gapland Road.				
<b>FREDERICK COUNTY --- 1.2 SSE MOTTERS [39.63, -77.32]</b>				
	09/08/12 12:13 EST		0.50K	Thunderstorm Wind (EG 50 kt)
	09/08/12 12:13 EST		0	Source: Department of Highways
There was a tree down near Maryland Rt 76 and Bollinger Road.				
<b>FREDERICK COUNTY --- 0.6 NE LIBERTYTOWN [39.48, -77.24]</b>				
	09/08/12 13:19 EST		0.50K	Thunderstorm Wind (EG 50 kt)
	09/08/12 13:19 EST		0	Source: 911 Call Center
There was a tree down along Woodville Road.				
<b>BALTIMORE COUNTY --- 1.5 SSE ARCADIA [39.55, -76.81]</b>				
	09/08/12 13:39 EST		0.50K	Thunderstorm Wind (EG 50 kt)
	09/08/12 13:39 EST		0	Source: 911 Call Center
There was a tree down at Dark Hallow Road and Dover Road.				
<b>A cold front crossed WV in the morning and made it to the I-95 corridor by the evening. Increased instability led to pre frontal showers and thunderstorms that were capable of damaging winds.</b>				
<b>MONTGOMERY COUNTY --- 1.0 WNW GAITHERSBURG [39.14, -77.22]</b>				
	09/08/12 14:45 EST		0	Thunderstorm Wind (MG 50 kt)
	09/08/12 14:45 EST		0	Source: Mesonet
<b>MONTGOMERY COUNTY --- 1.0 WSW PARKWOOD [39.02, -77.10]</b>				
	09/08/12 14:45 EST		0.50K	Thunderstorm Wind (EG 50 kt)
	09/08/12 14:45 EST		0	Source: Department of Highways
There was a tree down near Interstate 495 at the Rockville Exit.				
<b>PRINCE GEORGE'S COUNTY --- 0.6 ESE AMMENDALE [39.05, -76.89]</b>				

## Storm Data and Unusual Weather Phenomena - September 2012

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	09/08/12 15:05 EST		0	Thunderstorm Wind (MG 50 kt)
	09/08/12 15:05 EST		0	Source: Mesonet
<hr/>				
<b>PRINCE GEORGE'S COUNTY --- 1.9 W BELTSVILLE [39.03, -76.93]</b>				
	09/08/12 15:05 EST		0	Thunderstorm Wind (EG 50 kt)
	09/08/12 15:05 EST		0	Source: NWS Employee
<hr/>				
There were power flashes observed from OPCS in new building. This corresponds with where the tornado warning was issued.				
<hr/>				
<b>PRINCE GEORGE'S COUNTY --- 1.4 ESE CLINTON [38.76, -76.88]</b>				
	09/08/12 15:07 EST		1K	Thunderstorm Wind (EG 50 kt)
	09/08/12 15:07 EST		0	Source: Trained Spotter
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There were multiple large trees with branches up to a foot in diameter downed in Fox Run Estates. Trees consisted of pine trees, bradford pears and oak trees.				
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<b>PRINCE GEORGE'S COUNTY --- 0.5 E FORESTVILLE [38.83, -76.87]</b>				
	09/08/12 15:09 EST		0	Thunderstorm Wind (MG 50 kt)
	09/08/12 15:09 EST		0	Source: AWOS
<hr/>				
<b>PRINCE GEORGE'S COUNTY --- 1.2 NW GLEN DALE [38.99, -76.84]</b>				
	09/08/12 15:09 EST		0	Thunderstorm Wind (MG 50 kt)
	09/08/12 15:09 EST		0	Source: Mesonet
<hr/>				
<b>PRINCE GEORGE'S COUNTY --- 2.3 ENE MITCHELLVILLE [38.94, -76.71]</b>				
	09/08/12 15:14 EST		1K	Thunderstorm Wind (EG 50 kt)
	09/08/12 15:14 EST		0	Source: Department of Highways
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There was a tree down in the roadway at US 301 North at Collington Road.				
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<b>PRINCE GEORGE'S COUNTY --- 3.0 NE MITCHELLVILLE [38.96, -76.72]</b>				
	09/08/12 15:19 EST		0.50K	Thunderstorm Wind (EG 50 kt)
	09/08/12 15:19 EST		0	Source: Trained Spotter
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There was a tree down near US 50 and the US 301 North interchange.				
<hr/>				
<b>ANNE ARUNDEL COUNTY --- 0.6 E SOUTH RIVER [38.90, -76.59]</b>				
	09/08/12 15:25 EST		0.50K	Thunderstorm Wind (EG 50 kt)
	09/08/12 15:25 EST		0	Source: Department of Highways
<hr/>				
There was a tree down at Route 2 and Jordan Taylor Lane.				
<hr/>				
<b>ANNE ARUNDEL COUNTY --- 1.8 ENE DAVIDSONVILLE [38.93, -76.60]</b>				
	09/08/12 15:29 EST		1K	Thunderstorm Wind (EG 50 kt)
	09/08/12 15:29 EST		0	Source: Amateur Radio
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There was a six inch diameter tree down blocking the road.				
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<b>A cold front crossed WV in the morning and made it to the I-95 corridor by the evening. Increased instability led to pre frontal showers and thunderstorms that were capable of damaging winds.</b>				
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<b>FREDERICK COUNTY --- 0.7 ESE ELLERTON [39.53, -77.54], 0.7 ESE ELLERTON [39.53, -77.54], 0.7 ESE ELLERTON [39.53, -77.54], 0.8 ESE ELLERTON [39.53, -77.54]</b>				
	09/18/12 11:42 EST		0	Flash Flood (due to Heavy Rain)
	09/18/12 14:00 EST		0	Source: Department of Highways
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Wolfsville Road was closed at Crow Rock Road due to flooding.				
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<b>FREDERICK COUNTY --- 1.1 NNW LOYS [39.61, -77.36], 1.1 NNW LOYS [39.61, -77.36], 1.1 NNW LOYS [39.61, -77.36], 1.0 NNW LOYS [39.61, -77.36]</b>				
	09/18/12 12:00 EST		0	Flash Flood (due to Heavy Rain)
	09/18/12 15:00 EST		0	Source: 911 Call Center

## Storm Data and Unusual Weather Phenomena - September 2012

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Owens creek flooded over Route 77 at Frushour Road.				
<b>FREDERICK COUNTY --- 0.5 SW FREDERICK [39.41, -77.43], 0.6 SW FREDERICK [39.41, -77.43], 0.6 SW FREDERICK [39.41, -77.43], 0.6 SW FREDERICK [39.41, -77.43]</b>				
	09/18/12 12:25 EST	0		Flash Flood (due to Heavy Rain)
	09/18/12 14:00 EST	0		Source: Public
There was 12 to 18 inches of water covering Patrick Street near West Frederick Middle School.				
<b>FREDERICK COUNTY --- 1.0 ENE EMMITSBURG [39.70, -77.31], 1.0 E EMMITSBURG [39.70, -77.31], 1.1 E EMMITSBURG [39.70, -77.31], 1.1 E EMMITSBURG [39.70, -77.31]</b>				
	09/18/12 12:30 EST	0		Flash Flood (due to Heavy Rain)
	09/18/12 15:30 EST	0		Source: Department of Highways
The intersection of MD 140 and Harney Road flooded and closed.				
<b>CARROLL COUNTY --- 2.1 SW BRIDGEPORT [39.65, -77.24], 2.1 NE KEYSVILLE [39.65, -77.25], 1.9 NE KEYSVILLE [39.65, -77.24], 2.0 NE KEYSVILLE [39.65, -77.24]</b>				
	09/18/12 12:45 EST	0		Flash Flood (due to Heavy Rain)
	09/18/12 15:45 EST	0		Source: 911 Call Center
High water over a bridge along south Baumgardner Road.				
<b>CARROLL COUNTY --- 2.6 NE TANEYTOWN [39.70, -77.15], 2.5 NE TANEYTOWN [39.70, -77.15], 2.5 NE TANEYTOWN [39.70, -77.15], 2.5 NE TANEYTOWN [39.70, -77.15]</b>				
	09/18/12 12:45 EST	0		Flash Flood (due to Heavy Rain)
	09/18/12 15:45 EST	0		Source: 911 Call Center
There was high water over a bridge on Teeter Road.				
<b>MONTGOMERY COUNTY --- 1.4 WSW WESTMORE [39.09, -77.17], 1.5 WSW WESTMORE [39.09, -77.18], 1.5 WNW ROCKVILLE [39.09, -77.17], 1.4 WNW ROCKVILLE [39.09, -77.17]</b>				
	09/18/12 14:08 EST	0		Flash Flood (due to Heavy Rain)
	09/18/12 17:00 EST	0		Source: Department of Highways
There was an off ramp flooded off I-270 at the Montgomery Avenue exit.				
<b>MONTGOMERY COUNTY --- 0.3 SSE PARKWOOD [39.02, -77.08], 0.3 S PARKWOOD [39.02, -77.08], 0.3 S PARKWOOD [39.02, -77.08], 0.4 SSE PARKWOOD [39.02, -77.08]</b>				
	09/18/12 14:18 EST	0		Flash Flood (due to Heavy Rain)
	09/18/12 17:00 EST	0		Source: Department of Highways
Connecticut Ave was flooded at Saul Road.				
<b>BALTIMORE COUNTY --- 0.8 S CHADWICK MANOR [39.29, -76.73], 0.8 SSW CHADWICK MANOR [39.29, -76.73], 0.9 S CHADWICK MANOR [39.29, -76.73], 0.9 S CHADWICK MANOR [39.29, -76.73]</b>				
	09/18/12 14:41 EST	0		Flash Flood (due to Heavy Rain)
	09/18/12 17:30 EST	0		Source: Public
There was approximately one foot of water over National Pike near Ingleside Road.				
<b>FREDERICK COUNTY --- 5.0 W LOCUST VLY [39.43, -77.72], 4.2 W LOCUST VLY [39.43, -77.71], 4.2 W LOCUST VLY [39.43, -77.71], 5.0 W LOCUST VLY [39.43, -77.72]</b>				
	09/18/12 15:00 EST	0		Flood (due to Heavy Rain)
	09/18/12 21:00 EST	0		Source: Department of Highways
There were numerous roads closed in Frederick County including Frederick and Thurmont.				
<b>FREDERICK COUNTY --- 2.3 ENE MOTTERS [39.66, -77.29], 2.2 ENE MOTTERS [39.66, -77.29], 2.4 ENE MOTTERS [39.66, -77.29], 2.4 ENE MOTTERS [39.66, -77.29]</b>				
	09/18/12 16:30 EST	0		Flood (due to Heavy Rain)
	09/18/12 22:30 EST	0		Source: Emergency Manager

## Storm Data and Unusual Weather Phenomena - September 2012

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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Sixes Bridge Road at Frederick and Carroll border closed due to flooding.

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**CARROLL COUNTY --- 1.0 NNE KEYSVILLE [39.64, -77.26], 0.9 NNE KEYSVILLE [39.64, -77.26], 1.0 NNE KEYSVILLE [39.64, -77.26], 1.1 NNE KEYSVILLE [39.64, -77.26]**

	09/18/12 18:45 EST	0	0	Flood (due to Heavy Rain)
	09/19/12 00:45 EST	0	0	Source: 911 Call Center

There was high water over a bridge along Keysville Frederick County Road.

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**CARROLL COUNTY --- 2.1 WSW GUNPOWDER [39.70, -76.86], 2.2 WSW GUNPOWDER [39.70, -76.86], 2.1 WSW GUNPOWDER [39.70, -76.86], 2.1 WSW GUNPOWDER [39.70, -76.86]**

	09/18/12 18:45 EST	0	0	Flood (due to Heavy Rain)
	09/19/12 00:45 EST	0	0	Source: 911 Call Center

There was high water allowing for bridge to flood along Lineboro Road.

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**FREDERICK COUNTY --- 0.6 NE THURMONT [39.63, -77.41], 0.7 ENE THURMONT [39.63, -77.41], 0.7 ENE THURMONT [39.62, -77.41], 0.5 ENE THURMONT [39.62, -77.41]**

	09/18/12 22:24 EST	0	0	Flood (due to Heavy Rain)
	09/19/12 09:30 EST	0	0	Source: 911 Call Center

There were numerous roads closed near the Monocacy River in Thurmont.

**A cold front moved through the region and showers and severe thunderstorms occurred across the Mid Atlantic. A strong low level jet drove activity through the Interstate 95 corridor and abundant amounts of moisture produced heavy rain.**

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**FREDERICK COUNTY --- 0.8 S JEFFERSON [39.36, -77.53]**

	09/18/12 11:54 EST	0.50K	0	Thunderstorm Wind (EG 50 kt)
	09/18/12 11:54 EST	0	0	Source: Department of Highways

There was a tree down near the intersection of MD 464 and Lander Road.

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**FREDERICK COUNTY --- 0.6 ESE FREDERICK [39.42, -77.41]**

	09/18/12 12:19 EST	0.50K	0	Thunderstorm Wind (EG 50 kt)
	09/18/12 12:19 EST	0	0	Source: Department of Highways

There was a tree down near the intersection of MD 355 and Market Space Road.

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**FREDERICK COUNTY --- 0.5 WSW REELS MILL [39.37, -77.39]**

	09/18/12 12:26 EST	0.50K	0	Thunderstorm Wind (EG 50 kt)
	09/18/12 12:26 EST	0	0	Source: Department of Highways

There was a tree down at Urbana Pike and Araby Church Road.

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**CARROLL COUNTY --- 1.2 W HOUCKSVILLE [39.58, -76.90]**

	09/18/12 14:00 EST	1K	0	Thunderstorm Wind (EG 50 kt)
	09/18/12 14:00 EST	0	0	Source: 911 Call Center

There were tree limbs down that closed Coon Club Road.

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**CARROLL COUNTY --- 0.7 NNW LAWNSDALE [39.53, -76.89]**

	09/18/12 14:04 EST	1K	0	Thunderstorm Wind (EG 50 kt)
	09/18/12 14:04 EST	0	0	Source: 911 Call Center

There was a tree onto wires along Tank Road.

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**MONTGOMERY COUNTY --- 0.9 WNW PARKSIDE [39.04, -77.09]**

	09/18/12 14:10 EST	1K	0	Thunderstorm Wind (EG 50 kt)
	09/18/12 14:10 EST	0	0	Source: NWS Employee

There was a tree knocked down on train tracks.

## Storm Data and Unusual Weather Phenomena - September 2012

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>PRINCE GEORGE'S COUNTY --- 0.5 SSW SUITLAND [38.84, -76.93]</b>				
	09/18/12 14:22 EST		1K	Thunderstorm Wind (EG 50 kt)
	09/18/12 14:22 EST		0	Source: Newspaper
There was a tree down blocking eastbound lane on Suitland Parkway near Silver Hill Road.				
<b>PRINCE GEORGE'S COUNTY --- 0.3 SSW BERKSHIRE [38.85, -76.92]</b>				
	09/18/12 14:23 EST		0.50K	Thunderstorm Wind (EG 50 kt)
	09/18/12 14:23 EST		0	Source: Broadcast Media
There was a tree down near Suitland Parkway and Silver Hill Road.				
<b>PRINCE GEORGE'S COUNTY --- 0.8 NNW LANDOVER HILLS [38.96, -76.90]</b>				
	09/18/12 14:23 EST		1.50K	Thunderstorm Wind (EG 50 kt)
	09/18/12 14:23 EST		0	Source: Broadcast Media
There was a tree down covering a vehicle on Maryland State Route 295 near route 410.				
<b>HOWARD COUNTY --- 0.7 NW COLUMBIA [39.24, -76.86]</b>				
	09/18/12 14:25 EST		0.50K	Thunderstorm Wind (EG 50 kt)
	09/18/12 14:25 EST		0	Source: Trained Spotter
There were wind gusts estimated of 50 to 60 mph.				
<b>BALTIMORE COUNTY --- 0.8 ENE OELLA [39.27, -76.77]</b>				
	09/18/12 14:27 EST		0.50K	Thunderstorm Wind (EG 50 kt)
	09/18/12 14:27 EST		0	Source: Trained Spotter
A pear tree was split in half by thunderstorm winds.				
<b>PRINCE GEORGE'S COUNTY --- 1.2 ESE MONTPELIER [39.06, -76.85]</b>				
	09/18/12 14:29 EST		1K	Thunderstorm Wind (EG 50 kt)
	09/18/12 14:29 EST		0	Source: Broadcast Media
There were downed trees covering right lane of Maryland State Route 295 near 197.				
<b>CHARLES COUNTY --- 1.3 SSW INDIAN HD MRYLND ARP [38.58, -77.08]</b>				
	09/18/12 14:46 EST		0.50K	Thunderstorm Wind (EG 50 kt)
	09/18/12 14:46 EST		0	Source: Emergency Manager
There was a tree down on Bumpy Creek Road near the Indian Head Trail Crossing.				
<b>ANNE ARUNDEL COUNTY --- 0.3 E SEVERNA PARK [39.07, -76.55]</b>				
	09/18/12 14:51 EST		0.50K	Thunderstorm Wind (EG 50 kt)
	09/18/12 14:51 EST		0	Source: COOP Observer
There was a tree blown down in Severna Park.				
<b>CHARLES COUNTY --- 0.5 SW SPRINGHILL [38.49, -76.99]</b>				
	09/18/12 14:55 EST		0.50K	Thunderstorm Wind (EG 50 kt)
	09/18/12 14:55 EST		0	Source: Emergency Manager
There was a tree down on Fairgrounds Road.				
<b>ANNE ARUNDEL COUNTY --- 1.4 ESE REVELL [39.06, -76.51]</b>				
	09/18/12 14:58 EST		0.50K	Thunderstorm Wind (EG 50 kt)
	09/18/12 14:58 EST		0	Source: Public
There were large tree limbs snapped off tree on 700 block of Macsherry Drive.				
<b>HARFORD COUNTY --- 1.4 NNW FOREST HILL [39.60, -76.39]</b>				

## Storm Data and Unusual Weather Phenomena - September 2012

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	09/18/12 14:58 EST		0.50K	Thunderstorm Wind (EG 50 kt)
	09/18/12 14:58 EST		0	Source: Department of Highways

There was a tree down near the intersection of Maryland 24 and Greer Nursery Road.

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### CHARLES COUNTY --- 2.1 SSW HUGHESVILLE [38.50, -76.79]

	09/18/12 15:18 EST		0.50K	Thunderstorm Wind (EG 50 kt)
	09/18/12 15:18 EST		0	Source: Emergency Manager

There was a tree down on 14000 block of Oaks Road.

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### HARFORD COUNTY --- 0.3 SSE PHILLIPS AAF ARPT [39.47, -76.17]

	09/18/12 15:30 EST		0	Thunderstorm Wind (MG 50 kt)
	09/18/12 15:30 EST		0	Source: COOP Observer

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### CALVERT COUNTY --- 0.2 N COSTER [38.35, -76.47]

	09/18/12 15:51 EST		0.50K	Thunderstorm Wind (EG 50 kt)
	09/18/12 15:51 EST		0	Source: 911 Call Center

There was a tree down near intersection of Coster Road and Spring Cove Lane.

**A cold front moved through the region and showers and severe thunderstorms occurred across the Mid Atlantic. A strong low level jet drove activity through the Interstate 95 corridor and abundant amounts of moisture produced heavy rain.**

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### (MD-Z014) ANNE ARUNDEL

	09/18/12 17:54 EST		0	Coastal Flood
	09/18/12 19:27 EST		0	

**A cold front moved through the region and showers and severe thunderstorms occurred across the Mid Atlantic. A strong low level jet drove activity through the Interstate 95 corridor and abundant amounts of moisture produced heavy rain.**

## VIRGINIA, North

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### ORANGE COUNTY --- 1.5 ESE EVERONA [38.29, -77.94]

	09/06/12 06:48 EST		0	Hail (1.00 in)
	09/06/12 06:48 EST		0	Source: Public

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### ORANGE COUNTY --- 1.8 NNW RHOADESVILLE [38.29, -77.94]

	09/06/12 06:49 EST		0	Hail (2.00 in)
	09/06/12 06:49 EST		0	Source: Public

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### ORANGE COUNTY --- 1.8 NNW RHOADESVILLE [38.29, -77.94]

	09/06/12 06:49 EST		0.50K	Thunderstorm Wind (EG 50 kt)
	09/06/12 06:49 EST		0	Source: Public

A 12 inch oak tree snapped in half at their residence.

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### ORANGE COUNTY --- 0.6 SE RHOADESVILLE [38.27, -77.91]

	09/06/12 06:58 EST		1.50K	Thunderstorm Wind (EG 50 kt)
	09/06/12 06:58 EST		0	Source: 911 Call Center

There was a tree down on a residence near Tower Road and Mckin Lane.

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### ORANGE COUNTY --- 2.1 NNE VERDTERSVILLE [38.30, -77.87]

	09/06/12 07:00 EST		0	Hail (1.00 in)
	09/06/12 07:00 EST		0	Source: Public

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### ORANGE COUNTY --- 0.4 E GOLDDALE [38.27, -77.79]

## Storm Data and Unusual Weather Phenomena - September 2012

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	09/06/12 07:12 EST		1K	Thunderstorm Wind (EG 55 kt)
	09/06/12 07:12 EST		0	Source: Public
Numerous trees (15-20) were down on property and trees had tops ripped off them.				
<hr/>				
<b>SPOTSYLVANIA COUNTY --- 0.1 S PAYTES [38.22, -77.82]</b>				
	09/06/12 07:20 EST		0.50K	Thunderstorm Wind (EG 50 kt)
	09/06/12 07:20 EST		0	Source: 911 Call Center
There was a tree down near 14008 West Cartharpin Road.				
<hr/>				
<b>SPOTSYLVANIA COUNTY --- 0.6 E LOGAN [38.22, -77.76]</b>				
	09/06/12 07:25 EST		0.50K	Thunderstorm Wind (EG 50 kt)
	09/06/12 07:25 EST		0	Source: 911 Call Center
There was a tree down at 12000 block of West Cartharpin Road.				
<hr/>				
<b>SPOTSYLVANIA COUNTY --- 1.4 W HAMILTON CROSSING [38.25, -77.45]</b>				
	09/06/12 08:05 EST		0.50K	Thunderstorm Wind (EG 50 kt)
	09/06/12 08:05 EST		0	Source: 911 Call Center
There was a tree down near Mine Road and Lees Crossing Lane.				
<b>A surface trough moved into Central VA in the morning as a shortwave trough passed over the region. Showers and thunderstorms formed and produced damaging winds and large hail.</b>				
<hr/>				
<b>SPOTSYLVANIA COUNTY --- 2.3 E LOGAN [38.22, -77.73], 2.4 E LOGAN [38.22, -77.73], 2.5 E LOGAN [38.22, -77.72], 2.6 E LOGAN [38.22, -77.72]</b>				
	09/06/12 07:46 EST		0	Flash Flood (due to Heavy Rain)
	09/06/12 10:00 EST		0	Source: 911 Call Center
There were portions of West Catharpin Road closed due to flash flooding on Catharpin Creek.				
<hr/>				
<b>SPOTSYLVANIA COUNTY --- 2.4 S LEAVELLS [38.22, -77.51], 2.4 N MASSAPONAX [38.22, -77.50], 2.3 N MASSAPONAX [38.21, -77.50], 2.3 NNW MASSAPONAX [38.21, -77.51]</b>				
	09/06/12 08:12 EST		0	Flash Flood (due to Heavy Rain)
	09/06/12 10:00 EST		0	Source: 911 Call Center
There was flash flooding on Jefferson Davis Highway near Massaponax.				
<b>A surface trough moved into Central VA in the morning as a shortwave trough passed over the region. Showers and thunderstorms formed and produced heavy rain, damaging winds and large hail.</b>				
<hr/>				
<b>FREDERICK COUNTY --- 1.0 ESE MT PLEASANT [39.16, -78.28]</b>				
	09/08/12 13:25 EST		0.50K	Thunderstorm Wind (EG 50 kt)
	09/08/12 13:25 EST		0	Source: 911 Call Center
There was a tree down along Perry Road.				
<hr/>				
<b>WARREN COUNTY --- 0.4 WSW WATERLICK [38.97, -78.29]</b>				
	09/08/12 13:45 EST		0.50K	Thunderstorm Wind (EG 50 kt)
	09/08/12 13:45 EST		0	Source: Public
There were several trees down along Route 55.				
<hr/>				
<b>LOUDOUN COUNTY --- 1.0 NE ROUND HILL [39.14, -77.80]</b>				
	09/08/12 13:56 EST		1K	Thunderstorm Wind (EG 50 kt)
	09/08/12 13:56 EST		0	Source: NWS Employee
There were three trees down on Route 7.				
<hr/>				
<b>ALBEMARLE COUNTY --- 1.1 WNW SCOTTSVILLE [37.81, -78.52]</b>				
	09/08/12 13:58 EST		0.50K	Thunderstorm Wind (EG 50 kt)
	09/08/12 13:58 EST		0	Source: 911 Call Center



## Storm Data and Unusual Weather Phenomena - September 2012

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
A tree was blown down near the 500 block of Irish Road.				
<b>LOUDOUN COUNTY --- 0.8 SSE PURCELLVILLE [39.14, -77.71]</b>				
	09/08/12 13:58 EST		0.50K	Thunderstorm Wind (EG 50 kt)
	09/08/12 13:58 EST		0	Source: NWS Employee
There was a tree, one foot in diameter, down on Hatcher Ave.				
<b>FAUQUIER COUNTY --- 2.2 NNE HALFWAY [38.95, -77.72]</b>				
	09/08/12 14:05 EST		0.50K	Thunderstorm Wind (EG 50 kt)
	09/08/12 14:05 EST		0	Source: 911 Call Center
There was a tree down along Landmark School Road.				
<b>FAUQUIER COUNTY --- 1.2 NE TURNBULL [38.69, -77.83]</b>				
	09/08/12 14:12 EST		0.50K	Thunderstorm Wind (EG 50 kt)
	09/08/12 14:12 EST		0	Source: 911 Call Center
There was a tree down along Spring Road.				
<b>FAUQUIER COUNTY --- 1.2 W AUBURN [38.70, -77.72]</b>				
	09/08/12 14:20 EST		0.50K	Thunderstorm Wind (EG 50 kt)
	09/08/12 14:20 EST		0	Source: 911 Call Center
There was at tree down along Old Auburn Road.				
<b>LOUDOUN COUNTY --- 0.4 SE WAXPOOL [39.02, -77.52]</b>				
	09/08/12 14:20 EST		0	Thunderstorm Wind (EG 50 kt)
	09/08/12 14:20 EST		0	Source: Mesonet
Thunderstorm wind gust was estimated by a Mesonet site in Ashburn, Va.				
<b>LOUDOUN COUNTY --- 0.6 S ASHBURN [39.04, -77.48]</b>				
	09/08/12 14:20 EST		0	Thunderstorm Wind (EG 60 kt)
	09/08/12 14:20 EST		0	Source: NWS Employee
Thunderstorm wind gust was estimated by NWS meteorologist, Ken Wideliski.				
<b>LOUDOUN COUNTY --- 2.7 NW DULLES INTL ARPT [38.98, -77.49]</b>				
	09/08/12 14:20 EST		0	Thunderstorm Wind (MG 55 kt)
	09/08/12 14:20 EST		0	Source: Official NWS Observations
<b>LOUDOUN COUNTY --- 1.1 SSW ARCOLA GLASCOCK ARPT [38.92, -77.56]</b>				
	09/08/12 14:22 EST		1K	Thunderstorm Wind (EG 50 kt)
	09/08/12 14:22 EST		0	Source: NWS Employee
There were three to four trees snapped in the community of Kirkpatrick Farms.				
<b>ALBEMARLE COUNTY --- 3.5 E RED HILL [37.96, -78.56]</b>				
	09/08/12 14:28 EST		0.50K	Thunderstorm Wind (EG 50 kt)
	09/08/12 14:28 EST		0	Source: 911 Call Center
There was a tree blown down near the 1700 block of Lynchburg Road.				
<b>PRINCE WILLIAM COUNTY --- 1.3 SSW HAYMARKET [38.80, -77.64]</b>				
	09/08/12 14:28 EST		0.50K	Thunderstorm Wind (EG 50 kt)
	09/08/12 14:28 EST		0	Source: 911 Call Center
There was a tree down along Old Carolina Road.				
<b>FAIRFAX COUNTY --- 0.5 ESE HERNDON HGTS [38.98, -77.39]</b>				

## Storm Data and Unusual Weather Phenomena - September 2012

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	09/08/12 14:30 EST		1K	Thunderstorm Wind (EG 50 kt)
	09/08/12 14:30 EST		0	Source: NWS Employee
There were multiple trees down.				
<hr/>				
<b>PRINCE WILLIAM COUNTY --- 1.4 SSE NOKESVILLE [38.68, -77.57]</b>				
	09/08/12 14:30 EST		0.50K	Thunderstorm Wind (EG 50 kt)
	09/08/12 14:30 EST		0	Source: 911 Call Center
There were trees down at Carriage Ford Road and Alden Road.				
<hr/>				
<b>PRINCE WILLIAM COUNTY --- 1.0 ENE WEST GATE OF LOMOND [38.78, -77.48]</b>				
	09/08/12 14:32 EST		1K	Thunderstorm Wind (EG 50 kt)
	09/08/12 14:32 EST		0	Source: 911 Call Center
There were downed trees blocking portions of Chatham Street at Clairmont Street.				
<hr/>				
<b>PRINCE WILLIAM COUNTY --- 2.9 NNE WELLINGTON [38.82, -77.53]</b>				
	09/08/12 14:33 EST		0.50K	Thunderstorm Wind (EG 50 kt)
	09/08/12 14:33 EST		0	Source: 911 Call Center
There was a tree down at Lee Highway and Sudley Road.				
<hr/>				
<b>FAIRFAX (C) COUNTY --- 0.7 NW FAIRFAX [38.86, -77.31]</b>				
	09/08/12 14:35 EST		0.50K	Thunderstorm Wind (EG 50 kt)
	09/08/12 14:35 EST		0	Source: Public
There was a tree down near Route 50 and Route 123.				
<hr/>				
<b>FAIRFAX COUNTY --- 1.9 SE CHANTILLY [38.88, -77.41]</b>				
	09/08/12 14:35 EST		0	Thunderstorm Wind (MG 50 kt)
	09/08/12 14:35 EST		0	Source: Mesonet
<hr/>				
<b>PRINCE WILLIAM COUNTY --- 1.4 NNW CANOVA [38.70, -77.44]</b>				
	09/08/12 14:35 EST		1K	Thunderstorm Wind (EG 50 kt)
	09/08/12 14:35 EST		0	Source: 911 Call Center
There were large trees down blocking all lanes on Dumfries Road at Longtree Drive.				
<hr/>				
<b>ALBEMARLE COUNTY --- 1.5 NW RIO [38.09, -78.49]</b>				
	09/08/12 14:38 EST		0.50K	Thunderstorm Wind (EG 50 kt)
	09/08/12 14:38 EST		0	Source: 911 Call Center
A tree was blown down near the 1700 block of Earlysville Road.				
<hr/>				
<b>FAIRFAX COUNTY --- 0.8 WSW POHICK ESTATES [38.72, -77.21]</b>				
	09/08/12 14:49 EST		15K	Thunderstorm Wind (EG 50 kt)
	09/08/12 14:49 EST		0	Source: NWS Storm Survey
There were several trees down near the parking lot that were 8 to 12 inches in diameter. Windows were blown out on 29 vehicles at the Lorton Station VRE parking lot. The damaged cars were located on the northeast side of the parking lot.				
<hr/>				
<b>ALBEMARLE COUNTY --- 1.5 NE RIO [38.09, -78.45]</b>				
	09/08/12 14:51 EST		0.50K	Thunderstorm Wind (EG 50 kt)
	09/08/12 14:51 EST		0	Source: 911 Call Center
There was a tree blown down at 415 Carrsbrook Drive.				
<hr/>				
<b>ARLINGTON COUNTY --- 1.8 SSE SOUTH WASHINGTON [38.85, -77.03]</b>				
	09/08/12 14:56 EST		0	Thunderstorm Wind (MG 50 kt)
	09/08/12 14:56 EST		0	Source: ASOS

## Storm Data and Unusual Weather Phenomena - September 2012

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>ARLINGTON COUNTY --- 3.2 SSW ROSSLYN [38.84, -77.10]</b>				
	09/08/12 14:58 EST		0.50K	Thunderstorm Wind (EG 50 kt)
	09/08/12 14:58 EST		0	Source: Broadcast Media
There was a tree down at Interstate 395 and King Street.				
<b>ARLINGTON COUNTY --- 0.6 SSW SOUTH WASHINGTON [38.86, -77.05]</b>				
	09/08/12 15:00 EST		0.50K	Thunderstorm Wind (EG 50 kt)
	09/08/12 15:00 EST		0	Source: Trained Spotter
There was a tree, 3 feet in diameter, down.				
<b>ARLINGTON COUNTY --- 1.8 SSE SOUTH WASHINGTON [38.85, -77.03]</b>				
	09/08/12 15:01 EST		0	Thunderstorm Wind (MG 50 kt)
	09/08/12 15:01 EST		0	Source: ASOS
<b>ALBEMARLE COUNTY --- 0.7 N CARTERS BRIDGE [37.91, -78.57]</b>				
	09/08/12 15:05 EST		1.50K	Thunderstorm Wind (EG 50 kt)
	09/08/12 15:05 EST		0	Source: Emergency Manager
There were several reports of trees down in the southern part of the county.				
<b>PRINCE WILLIAM COUNTY --- 0.9 NNW (NYG)MCAS QUANTICO [38.51, -77.30]</b>				
	09/08/12 15:05 EST		0	Thunderstorm Wind (MG 50 kt)
	09/08/12 15:05 EST		0	Source: AWOS
<b>ORANGE COUNTY --- 1.4 NNE VERDTERSVILLE [38.29, -77.87]</b>				
	09/08/12 15:15 EST		0.50K	Thunderstorm Wind (EG 50 kt)
	09/08/12 15:15 EST		0	Source: Emergency Manager
There was a tree down on Burr Hill Road and Route 20.				
<b>A cold front crossed WV in the morning and made it to the I-95 corridor by the evening. Increased instability led to pre frontal showers and thunderstorms that were capable of damaging winds.</b>				
<b>SHENANDOAH COUNTY --- 1.7 NW WOODSTOCK [38.90, -78.54]</b>				
	09/18/12 09:14 EST		0.50K	Thunderstorm Wind (EG 50 kt)
	09/18/12 09:14 EST		0	Source: 911 Call Center
There was a tree down near intersection of Fravel Road and Patmos Road.				
<b>NELSON COUNTY --- 0.9 ESE MONTEBELLO [37.86, -79.14]</b>				
	09/18/12 11:28 EST		0.25K	Thunderstorm Wind (EG 50 kt)
	09/18/12 11:28 EST		0	Source: 911 Call Center
There was a tree down in the Montebello area.				
<b>PAGE COUNTY --- 0.7 ESE HANEYVILLE [38.58, -78.56]</b>				
	09/18/12 11:42 EST		0.50K	Thunderstorm Wind (EG 50 kt)
	09/18/12 11:42 EST		0	Source: 911 Call Center
There was a tree down along Dovel Hollow Road.				
<b>PAGE COUNTY --- 1.7 SSE MARKSVILLE [38.56, -78.47]</b>				
	09/18/12 12:01 EST		1.50K	Thunderstorm Wind (EG 50 kt)
	09/18/12 12:01 EST		0	Source: 911 Call Center
There was a tree down on power lines near intersection of Hawksbill Pard Road and Jordan Hollow Road.				
<b>NELSON COUNTY --- 2.2 ESE TYE RIVER [37.64, -78.93]</b>				

## Storm Data and Unusual Weather Phenomena - September 2012

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	09/18/12 12:06 EST		0.50K	Thunderstorm Wind (EG 50 kt)
	09/18/12 12:06 EST		0	Source: 911 Call Center
There was a tree down along Tye River Road in the Tye River area.				
<hr/>				
<b>NELSON COUNTY --- 0.9 WSW BUFFALO STATION [37.61, -78.84]</b>				
	09/18/12 12:10 EST		1K	Thunderstorm Wind (EG 50 kt)
	09/18/12 12:10 EST		0	Source: 911 Call Center
There were two trees down along Norwood Road near Gladstone.				
<hr/>				
<b>NELSON COUNTY --- 0.6 E AFTON [38.03, -78.84]</b>				
	09/18/12 12:15 EST		0.25K	Thunderstorm Wind (EG 50 kt)
	09/18/12 12:15 EST		0	Source: 911 Call Center
There was one tree that fell in the Afton area.				
<hr/>				
<b>NELSON COUNTY --- 1.4 N FABER [37.85, -78.75]</b>				
	09/18/12 12:15 EST		1K	Thunderstorm Wind (EG 50 kt)
	09/18/12 12:15 EST		0	Source: 911 Call Center
There was a large tree knocked down onto power lines along Route 29 in the Faber area.				
<hr/>				
<b>MADISON COUNTY --- 1.2 SE WOLFTOWN [38.34, -78.33]</b>				
	09/18/12 12:19 EST		0.50K	Thunderstorm Wind (EG 50 kt)
	09/18/12 12:19 EST		0	Source: 911 Call Center
There was a tree down near the intersection of MD 355 and Market Space Road.				
<hr/>				
<b>MADISON COUNTY --- 0.8 NNE PRATTS [38.36, -78.27]</b>				
	09/18/12 12:28 EST		0.50K	Thunderstorm Wind (EG 50 kt)
	09/18/12 12:28 EST		0	Source: 911 Call Center
There was a tree down on Fairgrounds Road.				
<hr/>				
<b>MADISON COUNTY --- 0.7 WSW RADIANT [38.32, -78.23]</b>				
	09/18/12 12:32 EST		1K	Thunderstorm Wind (EG 50 kt)
	09/18/12 12:32 EST		0	Source: 911 Call Center
There were two trees down along Good Hope Church Road.				
<hr/>				
<b>MADISON COUNTY --- 1.9 WNW BRIGHTWOOD [38.43, -78.23]</b>				
	09/18/12 12:32 EST		0.50K	Thunderstorm Wind (EG 50 kt)
	09/18/12 12:32 EST		0	Source: 911 Call Center
There was a tree down along Hebron Valley Road.				
<hr/>				
<b>MADISON COUNTY --- 0.9 NW BURNT TREE [38.31, -78.19]</b>				
	09/18/12 12:36 EST		0.50K	Thunderstorm Wind (EG 50 kt)
	09/18/12 12:36 EST		0	Source: 911 Call Center
There was a tree down along George James Loop.				
<hr/>				
<b>MADISON COUNTY --- 1.5 ESE BRIGHTWOOD [38.42, -78.17]</b>				
	09/18/12 12:41 EST		0.50K	Thunderstorm Wind (EG 50 kt)
	09/18/12 12:41 EST		0	Source: 911 Call Center
There was a tree down along Thoroughfare Road.				
<hr/>				
<b>LOUDOUN COUNTY --- 1.4 S MOUNTVILLE [39.01, -77.70]</b>				
	09/18/12 13:00 EST		0.50K	Thunderstorm Wind (EG 50 kt)
	09/18/12 13:00 EST		0	Source: Department of Highways

## Storm Data and Unusual Weather Phenomena - September 2012

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
There was a tree down on Snickersville Pike.				
<b>PRINCE WILLIAM COUNTY --- 2.1 NW HICKORY GROVE [38.93, -77.65]</b>				
	09/18/12 13:22 EST		0.50K	Thunderstorm Wind (EG 50 kt)
	09/18/12 13:22 EST		0	Source: Department of Highways
There was a tree down on Mountain Road.				
<b>SHENANDOAH COUNTY --- 1.4 NE DILBECK [38.91, -78.35]</b>				
	09/18/12 13:38 EST		0.50K	Thunderstorm Wind (EG 50 kt)
	09/18/12 13:38 EST		0	Source: 911 Call Center
There was a tree down near 15000 block of Fort Valley Road.				
<b>FAIRFAX COUNTY --- 0.9 ENE SUNSET HILLS [38.95, -77.33]</b>				
	09/18/12 13:44 EST		0.50K	Thunderstorm Wind (EG 50 kt)
	09/18/12 13:44 EST		0	Source: Department of Highways
There was a tree down on Wiehle Avenue.				
<b>SPOTSYLVANIA COUNTY --- 1.6 N MT PLEASANT [38.12, -77.68]</b>				
	09/18/12 13:52 EST		0.50K	Thunderstorm Wind (EG 50 kt)
	09/18/12 13:52 EST		0	Source: Emergency Manager
There was a tree down at Glebe Road and Glebe Estates Road.				
<b>SPOTSYLVANIA COUNTY --- 1.3 SSW SPOTSYLVANIA [38.18, -77.59]</b>				
	09/18/12 13:58 EST		0.50K	Thunderstorm Wind (EG 50 kt)
	09/18/12 13:58 EST		0	Source: Emergency Manager
There was a tree down on 8200 block of Courthouse Road.				
<b>FAIRFAX COUNTY --- 0.4 ENE EDSALL PARK [38.82, -77.16]</b>				
	09/18/12 14:00 EST		0.50K	Thunderstorm Wind (EG 50 kt)
	09/18/12 14:00 EST		0	Source: Department of Highways
There was a tree down on Little River Turnpike near Braddock Road.				
<b>SPOTSYLVANIA COUNTY --- 0.7 SSW LEAVELLS [38.24, -77.52]</b>				
	09/18/12 14:04 EST		0.50K	Thunderstorm Wind (EG 50 kt)
	09/18/12 14:04 EST		0	Source: Emergency Manager
There was a tree down on Creekside Court and Running Cedar Lane.				
<b>CLARKE COUNTY --- 2.8 ENE BERRYVILLE [39.16, -77.92]</b>				
	09/18/12 14:08 EST		0.50K	Thunderstorm Wind (EG 50 kt)
	09/18/12 14:08 EST		0	Source: Emergency Manager
There was a tree down on the 2500 block of Shepherds Mill Road.				
<b>CLARKE COUNTY --- 3.4 E BRIGGS [39.10, -77.96]</b>				
	09/18/12 14:08 EST		0.50K	Thunderstorm Wind (EG 50 kt)
	09/18/12 14:08 EST		0	Source: Emergency Manager
There was a tree down at Parshall Road and Lockes Mill Road.				
<b>ARLINGTON COUNTY --- 1.8 SSE SOUTH WASHINGTON [38.85, -77.03]</b>				
	09/18/12 14:10 EST		0	Thunderstorm Wind (MG 53 kt)
	09/18/12 14:10 EST		0	Source: ASOS
<b>SPOTSYLVANIA COUNTY --- 1.7 SW MASSAPONAX [38.16, -77.52]</b>				

## Storm Data and Unusual Weather Phenomena - September 2012

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	09/18/12 14:10 EST		0.50K	Thunderstorm Wind (EG 50 kt)
	09/18/12 14:10 EST		0	Source: Emergency Manager

There was a tree down on Route 1 at North Roxberry Mill Road.

LOUDOUN COUNTY --- 1.0 SSE PURCELLVILLE [39.14, -77.71]				
Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	09/18/12 14:25 EST		0.50K	Thunderstorm Wind (EG 50 kt)
	09/18/12 14:25 EST		0	Source: Trained Spotter

There was a large tree down in neighboring yard with 1.87 inches of rain.

SHENANDOAH COUNTY --- 1.8 SSW DILBECK [38.88, -78.39]				
Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	09/18/12 14:27 EST		0.50K	Thunderstorm Wind (EG 50 kt)
	09/18/12 14:27 EST		0	Source: 911 Call Center

There was a tree down near 10000 block Fort Valley Road.

**A cold front moved through the region and showers and severe thunderstorms occurred across the Mid Atlantic. A strong low level jet drove activity through the Interstate 95 corridor and abundant amounts of moisture produced heavy rain.**

WINCHESTER (C) COUNTY --- 4.0 N WINCHESTER [39.19, -78.16], 3.9 N WINCHESTER [39.19, -78.17], 3.8 N WINCHESTER [39.18, -78.17], 3.8 N WINCHESTER [39.18, -78.16]				
Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	09/18/12 09:56 EST		0	Flash Flood (due to Heavy Rain)
	09/18/12 13:45 EST		0	Source: Broadcast Media

There was 6 to 8 inches reported of water depth in downtown Winchester.

FREDERICK COUNTY --- 0.7 ESE ARMEL [39.08, -78.14], 0.8 ESE ARMEL [39.07, -78.14], 0.8 ESE ARMEL [39.07, -78.14], 0.8 ESE ARMEL [39.08, -78.14]				
Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	09/18/12 11:56 EST		0	Flash Flood (due to Heavy Rain)
	09/18/12 17:56 EST		0	Source: Department of Highways

Nations Spring Road flooded by Wrights Run near Route 522.

SHENANDOAH COUNTY --- 0.5 SSE JEROME [38.86, -78.72], 0.6 SSE JEROME [38.86, -78.72], 0.6 SSE JEROME [38.86, -78.72], 0.6 SSE JEROME [38.86, -78.72]				
Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	09/18/12 11:56 EST		0	Flood (due to Heavy Rain)
	09/18/12 17:56 EST		0	Source: Department of Highways

Dellinger Gap Road and Supinlick Ridge Road were both flooded by Stony Creek.

SHENANDOAH COUNTY --- 0.8 S LEBANON CHURCH [39.04, -78.38], 0.7 NW CLARY [39.04, -78.38], 0.7 N CLARY [39.04, -78.37], 0.7 SE LEBANON CHURCH [39.04, -78.37]				
Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	09/18/12 11:56 EST		0	Flood (due to Heavy Rain)
	09/18/12 17:56 EST		0	Source: Department of Highways

Mumaw Lane and Old Grade Road were both flooded by Mulberry Run.

SHENANDOAH COUNTY --- 1.1 WNW FISHERS HILL [38.99, -78.40], 1.1 WNW FISHERS HILL [38.98, -78.40], 1.1 WNW FISHERS HILL [38.99, -78.40], 1.1 WNW FISHERS HILL [38.99, -78.40]				
Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	09/18/12 11:56 EST		0	Flood (due to Heavy Rain)
	09/18/12 17:56 EST		0	Source: Department of Highways

Battlefield Road at Copp Road flooded by Tumbling Run.

LOUDOUN COUNTY --- 1.3 SW PURCELLVILLE [39.14, -77.74], 1.4 SW PURCELLVILLE [39.14, -77.74], 1.4 SW PURCELLVILLE [39.13, -77.74], 1.4 SW PURCELLVILLE [39.13, -77.74]				
Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	09/18/12 12:00 EST		0	Flash Flood (due to Heavy Rain)
	09/18/12 14:00 EST		0	Source: Trained Spotter

There was water covering part of Tranquility Road.

**A cold front moved through the region and showers and severe thunderstorms occurred across the Mid Atlantic. A strong low level jet drove activity through the Interstate 95 corridor and abundant amounts of moisture produced heavy rain.**

## Storm Data and Unusual Weather Phenomena - September 2012

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>SHENANDOAH COUNTY --- 0.8 E BASYE [38.80, -78.77]</b>				
	09/27/12 15:00 EST		0	Hail (1.00 in)
	09/27/12 15:00 EST		0	Source: Public
<b>SHENANDOAH COUNTY --- 1.3 S WOODSTOCK [38.86, -78.52]</b>				
	09/27/12 15:50 EST		0	Hail (1.50 in)
	09/27/12 15:50 EST		0	Source: Trained Spotter
<b>SHENANDOAH COUNTY --- 0.9 NE EDINBURG [38.83, -78.56]</b>				
	09/27/12 15:54 EST		0	Hail (2.00 in)
	09/27/12 15:54 EST		0	Source: Public
<b>LOUDOUN COUNTY --- 2.1 SSE UNISON [39.00, -77.77]</b>				
	09/27/12 17:59 EST		0	Hail (1.00 in)
	09/27/12 17:59 EST		0	Source: Trained Spotter
<b>FAUQUIER COUNTY --- 2.5 SSW DELAPLANE [38.89, -77.93]</b>				
	09/27/12 18:11 EST		0.50K	Thunderstorm Wind (EG 50 kt)
	09/27/12 18:11 EST		0	Source: Trained Spotter
There were multiple 5 to 7 inch branches blown down.				
<b>FAUQUIER COUNTY --- 0.5 SE BROAD RUN [38.82, -77.72]</b>				
	09/27/12 19:15 EST		1K	Thunderstorm Wind (EG 55 kt)
	09/27/12 19:15 EST		0	Source: NWS Employee
There were dozens of trees down near the intersection of County Road 600 and Route 55.				
<b>FAUQUIER COUNTY --- 0.3 SE NEW BALTIMORE [38.77, -77.72]</b>				
	09/27/12 19:16 EST		1K	Thunderstorm Wind (EG 55 kt)
	09/27/12 19:16 EST		0	Source: NWS Employee
There were several 6 to 8 inch diameter trees down near Route 29 and Route 600.				
<b>CULPEPER COUNTY --- 0.6 S CULPEPER [38.47, -78.00]</b>				
	09/27/12 20:15 EST		1K	Thunderstorm Wind (EG 50 kt)
	09/27/12 20:15 EST		0	Source: 911 Call Center
There were multiple trees down near Lignum Road and the Germanna Highway.				
<b>CULPEPER COUNTY --- 0.9 SSW LAGRANGE [38.44, -77.85]</b>				
	09/27/12 20:20 EST		0	Thunderstorm Wind (EG 52 kt)
	09/27/12 20:20 EST		0	Source: Trained Spotter
This report was relayed from the Wakefield NWS office from one of their spotters.				
<b>A cold front sagged into the region from Pennsylvania as a trough of low pressure crossed in the late afternoon. Sunshine prior to trough passing led to a abundant amount of instability to help fuel thunderstorms and maintain super cells that produced hail in the evening.</b>				
<b>SHENANDOAH COUNTY --- 1.4 ENE WOODSTOCK [38.89, -78.50], 1.3 ENE WOODSTOCK [38.89, -78.50], 1.2 ENE WOODSTOCK [38.89, -78.50], 1.3 ENE WOODSTOCK [38.89, -78.50]</b>				
	09/27/12 17:34 EST		0	Flash Flood (due to Heavy Rain)
	09/27/12 19:34 EST		0	Source: 911 Call Center
North water street in Woodstock was closed due to high water.				
<b>FAUQUIER COUNTY --- 1.5 NNW RECTORTOWN [38.94, -77.86], 1.7 NW RECTORTOWN [38.94, -77.87], 1.6 NW RECTORTOWN [38.94, -77.87], 1.4 NW RECTORTOWN [38.94, -77.87]</b>				

## Storm Data and Unusual Weather Phenomena - September 2012

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	09/27/12 18:40 EST		0	Flash Flood (due to Heavy Rain)
	09/27/12 20:45 EST		0	Source: 911 Call Center

There was a intersection at Crest Hill Road and Rectortown Road closed due to high water.

FAUQUIER COUNTY --- 0.7 W ADA [38.83, -77.93], 0.8 W ADA [38.83, -77.94], 0.8 W ADA [38.83, -77.94], 0.8 W ADA [38.83, -77.93]				
	09/27/12 18:44 EST		0	Flash Flood (due to Heavy Rain)
	09/27/12 20:44 EST		0	Source: Trained Spotter

There was a swift water rescue near the intersection of Crest Hill Road and Hume Road.

CULPEPER COUNTY --- 0.5 SSW CULPEPER [38.47, -78.00], 0.7 SSE CULPEPER [38.47, -77.99], 0.8 SSE CULPEPER [38.47, -78.00], 0.7 SSW CULPEPER [38.47, -78.00]				
	09/27/12 21:05 EST		0	Flash Flood (due to Heavy Rain)
	09/28/12 00:00 EST		0	Source: 911 Call Center

There was water blocking part of Route 3 near route 699 east of Culpeper. Water was described as a 50 yard puddle over one lane.

CULPEPER COUNTY --- 1.2 NNE LIGNUM [38.44, -77.82], 1.1 N LIGNUM [38.44, -77.83], 0.9 N LIGNUM [38.43, -77.83], 1.0 NNE LIGNUM [38.43, -77.82]				
	09/27/12 21:05 EST		0	Flash Flood (due to Heavy Rain)
	09/28/12 00:00 EST		0	Source: 911 Call Center

There was a road closed near the intersection of Route 724 and Route 610 due to water over a bridge.

CULPEPER COUNTY --- 2.0 SW CULPEPER [38.46, -78.02], 2.1 SW CULPEPER [38.46, -78.02], 2.2 SW CULPEPER [38.45, -78.02], 2.1 SSW CULPEPER [38.45, -78.02]				
	09/27/12 21:05 EST		0	Flash Flood (due to Heavy Rain)
	09/28/12 00:00 EST		0	Source: 911 Call Center

Madison Road at Business 29 was closed due to water on roadway.

CULPEPER COUNTY --- 2.2 NNE RIXEYVILLE [38.61, -77.95], 2.2 NNE RIXEYVILLE [38.61, -77.95], 2.1 NNE RIXEYVILLE [38.61, -77.95], 2.1 NNE RIXEYVILLE [38.61, -77.95]				
	09/27/12 22:51 EST		0	Flash Flood (due to Heavy Rain)
	09/28/12 00:51 EST		0	Source: 911 Call Center

Rixeyville Road was closed along and near Oak Shade Road.

A cold front sagged into the region from Pennsylvania as a trough of low pressure crossed in the late afternoon. Sunshine prior to trough passing led to a abundant amount of instability to help fuel thunderstorms and maintain super cells that produced hail in the evening.

(VA-Z025) AUGUSTA, (VA-Z026) ROCKINGHAM, (VA-Z027) SHENANDOAH, (VA-Z029) PAGE, (VA-Z030) WARREN, (VA-Z037) ALBEMARLE, (VA-Z038) GREENE, (VA-Z039) MADISON, (VA-Z040) RAPPAHANNOCK, (VA-Z050) ORANGE, (VA-Z051) CULPEPER, (VA-Z501) NORTHERN FAUQUIER, (VA-Z502) SOUTHERN FAUQUIER				
	09/28/12 03:15 EST		0	Dense Fog
	09/28/12 08:35 EST		0	

Clearing behind an exiting shortwave trough and heavy rain fall led to dense fog in the Shenandoah Valley and parts of Norther Virginia.

### WEST VIRGINIA, East

MORGAN COUNTY --- 0.9 SW NEW HOPE [39.59, -78.18]				
	09/01/12 15:02 EST		0	Hail (1.00 in)
	09/01/12 15:02 EST		0	Source: Public

MORGAN COUNTY --- 0.1 E SMITH XRDS [39.57, -78.23]				
	09/01/12 15:34 EST		0.50K	Thunderstorm Wind (EG 50 kt)
	09/01/12 15:34 EST		0	Source: 911 Call Center



## Storm Data and Unusual Weather Phenomena - September 2012

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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There was a tree down on Autumn Acres Road near Winchester Grade Road.

**MORGAN COUNTY --- 1.0 WSW BERKELEY SPGS [39.62, -78.25]**

09/01/12 15:51 EST	0.50K	Thunderstorm Wind (EG 50 kt)
09/01/12 15:51 EST	0	Source: 911 Call Center

There was a tree down on Quaint Acres Lane near Cacapon Road.

**A weak frontal boundary was located across the Mid Atlantic. A shortwave trough interacted with the front and scattered thunderstorms produced hail and damaging winds.**

**MORGAN COUNTY --- 0.1 N BERKELEY SPGS [39.63, -78.23], 0.5 SW BERKELEY SPGS [39.63, -78.24], 1.0 S BERKELEY SPGS [39.62, -78.23], 0.6 E BERKELEY SPGS [39.63, -78.22]**

09/01/12 15:55 EST	0	Flash Flood (due to Heavy Rain)
09/01/12 18:30 EST	0	Source: 911 Call Center

There were multiple roads closed including Martinsburg Road, Highland Ridge Road, and US 522, in and around Berkeley Springs.

**A weak frontal boundary was located across the Mid Atlantic. A shortwave trough interacted with the front and scattered thunderstorms produced hail and damaging winds.**

**BERKELEY COUNTY --- 1.1 NNE MARTINSBURG [39.46, -77.96]**

09/08/12 11:29 EST	0.50K	Thunderstorm Wind (EG 50 kt)
09/08/12 11:29 EST	0	Source: Emergency Manager

There was a tree down on 600 block of Queen Street.

**A cold front crossed the region in the morning and led to pre frontal showers and thunderstorms that were capable of damaging winds.**

**HARDY COUNTY --- 6.2 SSW LOST CITY [38.85, -78.87]**

09/27/12 16:17 EST	0	Hail (1.75 in)
09/27/12 16:17 EST	0	Source: Trained Spotter

**A cold front sagged into the region from Pennsylvania as a trough of low pressure crossed in the late afternoon. Sunshine prior to trough passing led to a abundant amount of instability to help fuel thunderstorms and maintain super cells that produced hail in the evening.**