

## Storm Data and Unusual Weather Phenomena - September 2008

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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### ATLANTIC NORTH

**CHESAPEAKE BAY DRUM PT TO SMITH PT VA COUNTY --- 0.3 SSE CRISFIELD [37.97, -75.88]**

09/09/08 13:44 EST	0	Marine Thunderstorm Wind (MG 39 kt)
09/09/08 13:44 EST	0	Source: Buoy

A wind gust of 39 knots was measured at Crisfield.

**A cold front combined with an unstable atmosphere to produce an isolated thunderstorm with gusty winds the Chesapeake Bay.**

**CHESAPEAKE BAY POOLES IS TO SANDY PT MD COUNTY --- 0.4 SW MARTIN STATE AIRPORT [39.33, -76.41]**

09/30/08 19:15 EST	0	Marine Thunderstorm Wind (EG 34 kt)
09/30/08 19:15 EST	0	Source: AWOS

A wind gust in excess of 30 knots was reported at Martin State Airport.

**An approaching cold front combined with an unstable atmosphere to trigger showers and thunderstorms. An isolated thunderstorm produced gusty winds over the Chesapeake Bay.**

### DISTRICT OF COLUMBIA

**DISTRICT OF COLUMBIA COUNTY --- 0.1 W GEORGETOWN [38.92, -77.05], 0.5 WSW GEORGETOWN [38.92, -77.06], 0.4 WSW GEORGETOWN [38.92, -77.06], 0.1 W GEORGETOWN [38.92, -77.05]**

09/06/08 12:45 EST	0	Flash Flood (due to Heavy Rain / Tropical System)
09/06/08 16:13 EST	0	Source: Broadcast Media

Rockcreek Parkway was closed due to flash flooding.

**DISTRICT OF COLUMBIA COUNTY --- 1.5 S NATIONAL ARBORETUM [38.90, -76.97], 1.6 S NATIONAL ARBORETUM [38.90, -76.97], 1.6 S NATIONAL ARBORETUM [38.90, -76.97], 1.5 S NATIONAL ARBORETUM [38.90, -76.97]**

09/06/08 12:45 EST	0	Flash Flood (due to Heavy Rain / Tropical System)
09/06/08 16:13 EST	0	Source: Emergency Manager

Flash flooding was reported on Oklahoma Street and Benning Road.

**DISTRICT OF COLUMBIA COUNTY --- 0.1 W GEORGETOWN [38.92, -77.05], 0.5 WSW GEORGETOWN [38.92, -77.06], 0.4 WSW GEORGETOWN [38.92, -77.06], 0.1 W GEORGETOWN [38.92, -77.05]**

09/06/08 16:13 EST	0	Flood (due to Heavy Rain / Tropical System)
09/06/08 17:15 EST	0	Source: Broadcast Media

Rockcreek Parkway remained closed due to flooding.

**DISTRICT OF COLUMBIA COUNTY --- 1.5 S NATIONAL ARBORETUM [38.90, -76.97], 1.6 S NATIONAL ARBORETUM [38.90, -76.97], 1.6 S NATIONAL ARBORETUM [38.90, -76.97], 1.5 S NATIONAL ARBORETUM [38.90, -76.97]**

09/06/08 16:13 EST	0	Flood (due to Heavy Rain / Tropical System)
09/06/08 17:15 EST	0	Source: Emergency Manager

Flooding was reported on Oklahoma Street and Benning Road.

**Tropical Storm Hanna tracked up the Mid-Atlantic coast on the 6th with maximum sustained winds around 50 mph. Hanna originally made landfall near the border of North and South Carolina around 3:20 AM on the 6th. Hanna tracked across eastern North Carolina during the early afternoon hours before turning northeast across southeastern Virginia later in the afternoon. Hanna eventually tracked across the Chesapeake Bay and into Delaware during the evening hours. With the track of Hanna being to the east, the strongest winds were also confined to our east. However, Hanna was still responsible for heavy rain. Rainfall amounts totaled around 4 to 8 inches across many locations in the city. Some roads were closed in the District due to flash flooding. Tropical Storm force winds were responsible for downed trees and power lines across Washington D.C. as well. The worst conditions occurred during the late morning and afternoon hours as the storm passed by just to the east.**

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>MARYLAND, Central</b>				
<b>(MD-Z004) FREDERICK, (MD-Z007) HARFORD, (MD-Z009) MONTGOMERY, (MD-Z010) HOWARD, (MD-Z017) ST. MARY'S</b>				
	09/06/08 11:44 EST		0	Tropical Storm
	09/06/08 15:30 EST		0	
<b>MONTGOMERY COUNTY --- 0.2 ENE PARKSIDE [39.03, -77.08], 0.7 SSW BYFORDE [39.01, -77.07], 1.1 ESE CAPITOL VIEW PARK [39.02, -77.03], 0.8 ENE HOMEWOOD [39.03, -77.04]</b>				
	09/06/08 12:45 EST		0	Flash Flood (due to Heavy Rain / Tropical System)
	09/06/08 17:10 EST		0	Source: Amateur Radio
Kensington Road at Beach Road was closed due to flash flooding. Beach Drive and Sligo Creek Parkway were also shut down due to flash flooding.				
<b>FREDERICK COUNTY --- 1.0 SW HANSONVILLE [39.49, -77.43], 1.3 NNE FEAGAVILLE [39.40, -77.47], 0.6 SSW PEARL [39.39, -77.37], 1.1 E WALKERSVILLE [39.48, -77.33]</b>				
	09/06/08 13:00 EST		0	Flash Flood (due to Heavy Rain / Tropical System)
	09/06/08 17:00 EST		0	Source: Newspaper
Roads were closed around Frederick due to flash flooding.				
<b>CARROLL COUNTY --- 2.1 SSE MC KINSTRYS [39.52, -77.15], 2.2 SE MC KINSTRYS [39.52, -77.15], 2.3 SE MC KINSTRYS [39.52, -77.15], 2.3 SSE MC KINSTRYS [39.52, -77.15]</b>				
	09/06/08 14:30 EST		0	Flash Flood (due to Heavy Rain / Tropical System)
	09/06/08 17:00 EST		0	Source: Emergency Manager
Sams Creek Road near the county line was closed due to flash flooding.				
<b>HARFORD COUNTY --- 0.7 NE ABINGDON [39.48, -76.26], 0.6 NE ABINGDON [39.48, -76.26], 0.6 NE ABINGDON [39.48, -76.26], 0.7 NE ABINGDON [39.48, -76.26]</b>				
	09/06/08 16:30 EST		0	Flash Flood (due to Heavy Rain / Tropical System)
	09/06/08 18:30 EST		0	Source: Emergency Manager
A small creek near James Run was over its banks around Route 7.				
<b>MONTGOMERY COUNTY --- 0.2 ENE PARKSIDE [39.03, -77.08], 0.7 SSW BYFORDE [39.01, -77.07], 1.1 ESE CAPITOL VIEW PARK [39.02, -77.03], 0.8 ENE HOMEWOOD [39.03, -77.04]</b>				
	09/06/08 17:10 EST		0	Flood (due to Heavy Rain / Tropical System)
	09/06/08 18:15 EST		0	Source: Amateur Radio
Kensington road at Beach road remained closed due to flooding. Beach Drive and Sligo Creek Parkway also remained shut down due to high water.				
<p><b>Tropical Storm Hanna tracked up the Mid-Atlantic coast on the 6th with maximum sustained winds around 50 mph. Hanna originally made landfall near the border of North and South Carolina around 3:20 AM on the 6th. Hanna tracked across eastern North Carolina during the early afternoon hours before turning northeast across southeastern Virginia later in the afternoon. Hanna eventually tracked across the Chesapeake Bay and into Delaware during the evening hours. With the track of Hanna being to the east, the strongest winds were also confined to our east. However, Hanna was still responsible for heavy rain along with Tropical Storm force winds across Maryland. Rainfall amounts totaled around 4 to 8 inches across many locations. Numerous roads were closed throughout Maryland due to flash flooding. Tropical Storm force winds were responsible for downed trees and power lines across Maryland as well. The worst conditions occurred during the late morning and afternoon hours as the storm passed by just to the east.</b></p>				
<b>BALTIMORE COUNTY --- 0.7 S ECCLESTON [39.39, -76.72], 1.0 SE ECCLESTON [39.39, -76.71], 0.9 NNE PIKESVILLE [39.38, -76.71], 0.6 ENE HOWARDVILLE [39.38, -76.72]</b>				
	09/27/08 07:49 EST		1K	Flash Flood (due to Heavy Rain)
	09/27/08 08:50 EST		0	Source: Emergency Manager
There were water rescues due to flash flooding near Pikesville.				
<b>BALTIMORE COUNTY --- 0.8 ENE PIKESVILLE [39.37, -76.71], 1.6 SW BROOKLANDVILLE [39.40, -76.69], 0.1 NE OWINGS MILLS [39.42, -76.78], 1.8 NE HARRISONVILLE [39.40, -76.81]</b>				
	09/27/08 14:00 EST		0	Flash Flood (due to Heavy Rain)
	09/27/08 15:30 EST		0	Source: Emergency Manager

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Ruxton Road at Circle road was closed due to flash flooding. Owings Mills Boulevard at Red Run Boulevard was also closed due to flash flooding.				
<b>BALTIMORE COUNTY --- 1.1 N DUNDALK [39.29, -76.52], 1.8 NE DUNDALK [39.29, -76.49], 1.5 ENE DUNDALK [39.28, -76.49], 0.7 N DUNDALK [39.28, -76.52]</b>				
	09/27/08 14:20 EST		0	Flash Flood (due to Heavy Rain)
	09/27/08 15:30 EST		0	Source: Emergency Manager
German Hill and North Point Roads were closed due to flash flooding.				
<b>BALTIMORE CITY (C) COUNTY --- 0.1 SW ROLAND PARK [39.37, -76.65], 0.2 ESE ROLAND PARK [39.37, -76.65], 0.3 SE ROLAND PARK [39.37, -76.65], 0.2 S ROLAND PARK [39.37, -76.65]</b>				
	09/27/08 14:45 EST		1K	Flash Flood (due to Heavy Rain)
	09/27/08 18:30 EST		0	Source: Trained Spotter
Jones Falls was out of its banks near Falls Road and Smith Avenue. Bridges were closed along Smith Avenue. Parking lots were under water.				
<b>BALTIMORE COUNTY --- 0.8 NNE PIKESVILLE [39.38, -76.71], 0.8 NE PIKESVILLE [39.38, -76.71], 0.6 NE PIKESVILLE [39.38, -76.71], 0.6 E HOWARDVILLE [39.38, -76.72]</b>				
	09/27/08 15:10 EST		1K	Flash Flood (due to Heavy Rain)
	09/27/08 16:30 EST		0	Source: Emergency Manager
Old Court Road at Park Heights Avenue was closed due to flash flooding. Water rescues were needed.				
<b>BALTIMORE COUNTY --- 0.2 SSW HUNT VLY [39.50, -76.65], 0.8 SW ASHLAND [39.49, -76.64], 0.7 WSW COCKEYSVILLE [39.48, -76.66], 1.2 W COCKEYSVILLE [39.48, -76.67]</b>				
	09/27/08 15:50 EST		0	Flash Flood (due to Heavy Rain)
	09/27/08 17:00 EST		0	Source: Emergency Manager
Beaver Dam Road was closed near Interstate 83 due to flash flooding. York Road was also closed at Wight Avenue due to flash flooding.				
<b>BALTIMORE COUNTY --- 1.0 ENE BUTLER [39.53, -76.71], 0.9 E BUTLER [39.53, -76.71], 1.3 E BUTLER [39.53, -76.71], 1.3 ENE BUTLER [39.53, -76.71]</b>				
	09/27/08 15:50 EST		0	Flash Flood (due to Heavy Rain)
	09/27/08 16:50 EST		0	Source: Emergency Manager
Western Run Road was closed due to flash flooding.				
<b>The combination of an unstable atmosphere along with plenty of moisture triggered showers and thunderstorms on September 27th. Some thunderstorms produced heavy rain in short periods of time, resulting in flash flooding.</b>				
<b>CALVERT COUNTY --- MT HARMONY [38.70, -76.60]</b>				
	09/30/08 20:46 EST		0	Thunderstorm Wind (EG 50 kt)
	09/30/08 20:46 EST		0	Source: County Official
A tree was down around Chaneyville from thunderstorm winds.				
<b>An approaching cold front combined with an unstable atmosphere to trigger showers and thunderstorms. An isolated severe thunderstorm did produce damaging winds.</b>				
<b>VIRGINIA, North</b>				
<b>(VA-Z036) NELSON, (VA-Z037) ALBEMARLE, (VA-Z042) LOUDOUN, (VA-Z051) CULPEPER, (VA-Z053) FAIRFAX, (VA-Z054) ARLINGTON</b>				
	09/06/08 07:15 EST		0	Tropical Storm
	09/06/08 13:45 EST		0	
<b>ALBEMARLE COUNTY --- 1.0 NE NORTH GARDEN [37.94, -78.64], 1.0 NE NORTH GARDEN [37.94, -78.64], 1.0 NE NORTH GARDEN [37.94, -78.64], 1.0 NE NORTH GARDEN [37.94, -78.64]</b>				
	09/06/08 09:10 EST		0	Flash Flood (due to Heavy Rain / Tropical System)
	09/06/08 10:30 EST		0	Source: County Official
Flash flooding was reported near the town of North Garden.				

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<b>ALBEMARLE COUNTY --- 2.0 SSW SIMEON [37.95, -78.46], 2.0 SSW SIMEON [37.95, -78.46], 2.0 SSW SIMEON [37.95, -78.46], 2.0 SSW SIMEON [37.95, -78.46]</b>				
	09/06/08 09:10 EST	0		Flash Flood (due to Heavy Rain / Tropical System)
	09/06/08 10:30 EST	0		Source: Emergency Manager
Rolling Road was closed due to flash flooding.				
<b>PRINCE WILLIAM COUNTY --- 1.2 W BETHEL [38.65, -77.34], 0.8 WSW WOODBRIDGE [38.64, -77.26], 0.8 ESE DALE CITY [38.62, -77.29], 0.1 SE MINNIEVILLE [38.63, -77.35]</b>				
	09/06/08 10:00 EST	0		Flash Flood (due to Heavy Rain / Tropical System)
	09/06/08 16:13 EST	0		Source: Amateur Radio
Flash flooding closed a road near Neabsco Creek.				
<b>STAFFORD COUNTY --- 1.6 SSW GARRISONVILLE [38.45, -77.43], 1.6 NNW STAFFORD [38.44, -77.41], 0.9 WNW STAFFORD [38.42, -77.42], 2.1 WNW STAFFORD [38.43, -77.44]</b>				
	09/06/08 10:30 EST	0		Flash Flood (due to Heavy Rain / Tropical System)
	09/06/08 14:30 EST	0		Source: Emergency Manager
Dozens of roads were closed due to flash flooding.				
<b>NELSON COUNTY --- 1.5 W NORWOOD [37.65, -78.86], 1.8 WSW NORWOOD [37.64, -78.86], 1.6 WSW NORWOOD [37.64, -78.86], 1.2 WSW NORWOOD [37.64, -78.85]</b>				
	09/06/08 10:45 EST	0		Flash Flood (due to Heavy Rain / Tropical System)
	09/06/08 13:00 EST	0		Source: County Official
Flash flooding was reported on Cedar Creek Road and Route 654.				
<b>CULPEPER COUNTY --- 1.2 N CULPEPER [38.50, -78.00], 1.6 NE CULPEPER [38.49, -77.98], 1.4 SE CULPEPER [38.46, -77.98], 1.0 SSW CULPEPER [38.47, -78.01]</b>				
	09/06/08 11:00 EST	0		Flash Flood (due to Heavy Rain / Tropical System)
	09/06/08 14:00 EST	0		Source: Department of Highways
Eleven roads were closed due to flash flooding around Culpepper.				
<b>PRINCE WILLIAM COUNTY --- 0.6 WNW QUANTICO [38.52, -77.29], 0.5 WNW QUANTICO [38.52, -77.29], 0.6 W QUANTICO [38.52, -77.29], 0.8 W QUANTICO [38.52, -77.29]</b>				
	09/06/08 11:00 EST	0		Flash Flood (due to Heavy Rain / Tropical System)
	09/06/08 16:13 EST	0		Source: Amateur Radio
Flash flooding was reported around Quantico.				
<b>FAIRFAX COUNTY --- 0.8 W KENMORE [38.95, -77.28], 0.8 W KENMORE [38.95, -77.28], 0.8 W KENMORE [38.95, -77.28], 0.8 W KENMORE [38.95, -77.28]</b>				
	09/06/08 11:22 EST	0		Flash Flood (due to Heavy Rain / Tropical System)
	09/06/08 16:13 EST	0		Source: Amateur Radio
Flash flooding closed the intersection of Beulah and Browns Mill Road.				
<b>FAIRFAX COUNTY --- 1.4 NNW GROVETON [38.80, -77.09], 1.4 NNW GROVETON [38.80, -77.09], 1.3 NNW GROVETON [38.80, -77.09], 1.3 NNW GROVETON [38.80, -77.09]</b>				
	09/06/08 11:45 EST	0		Flash Flood (due to Heavy Rain / Tropical System)
	09/06/08 16:13 EST	0		Source: Broadcast Media
Residents were evacuated at Cameron Run due to flash flooding.				
<b>FAIRFAX (C) COUNTY --- 0.8 NNW FAIRFAX [38.86, -77.31], 0.8 NNW FAIRFAX [38.86, -77.31], 0.7 NNW FAIRFAX [38.86, -77.31], 0.7 NW FAIRFAX [38.86, -77.31]</b>				
	09/06/08 12:07 EST	0		Flash Flood (due to Heavy Rain / Tropical System)
	09/06/08 16:13 EST	0		Source: Amateur Radio

## Storm Data and Unusual Weather Phenomena - September 2008

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Route 123 southbound was closed near Route 50 due to flash flooding.				
<b>FAIRFAX COUNTY --- 0.6 NNW SWINKS MILL [38.96, -77.20], 0.7 E ELKINS [38.98, -77.26], 3.1 NW GREAT FALLS [39.03, -77.31], 0.9 NW CROWELLS CORNER [38.96, -77.31]</b>				
	09/06/08 12:27 EST		0	Flash Flood (due to Heavy Rain / Tropical System)
	09/06/08 16:13 EST		0	Source: Amateur Radio
The road was impassable at Route 193 and Swinks Mill Road due to flash flooding. Beach Mill Road was closed in three places between Club View Road and Olympia Road. Georgetown Pike was closed at Old Diminon Drive.				
<b>LOUDOUN COUNTY --- 2.0 WSW STERLING [38.99, -77.46], 1.0 SSW STERLING [38.99, -77.44], 1.1 SSW STERLING [38.98, -77.44], 2.3 SSE RYAN [38.99, -77.47]</b>				
	09/06/08 12:40 EST		0	Flash Flood (due to Heavy Rain / Tropical System)
	09/06/08 16:13 EST		0	Source: Amateur Radio
There was a water rescue near route 606. Businesses were evacuated due to flash flooding two miles west of 28 on Route 606, and also between Pacific Boulevard and Global Plaza.				
<b>FAIRFAX COUNTY --- 0.6 E HERNDON [38.97, -77.37], 0.6 E HERNDON [38.97, -77.37], 0.6 ESE HERNDON [38.97, -77.37], 0.5 E HERNDON [38.97, -77.37]</b>				
	09/06/08 13:15 EST		0	Flash Flood (due to Heavy Rain / Tropical System)
	09/06/08 16:13 EST		0	Source: Amateur Radio
There was flash flooding around an apartment complex near Sugarland Run.				
<b>FAIRFAX COUNTY --- 1.0 NE BURKE [38.81, -77.26], 1.4 ENE BURKE [38.81, -77.25], 1.4 ENE DONOVANS CORNER [38.78, -77.29], 1.3 ENE DONOVANS CORNER [38.78, -77.30]</b>				
	09/06/08 14:00 EST		0	Flash Flood (due to Heavy Rain / Tropical System)
	09/06/08 16:13 EST		0	Source: Amateur Radio
Burke Lake Road between Route 123 and the Fairfax County Parkway was closed due to flash flooding.				
<b>LOUDOUN COUNTY --- 0.6 S BROAD RUN FARMS [39.02, -77.37], 0.6 S BROAD RUN FARMS [39.02, -77.37], 0.7 S BROAD RUN FARMS [39.02, -77.37], 0.6 S BROAD RUN FARMS [39.02, -77.37]</b>				
	09/06/08 14:00 EST		0	Flash Flood (due to Heavy Rain / Tropical System)
	09/06/08 16:13 EST		0	Source: Emergency Manager
A water rescue was needed for a vehicle stuck in flash flooding on Thomas Avenue west of the Algonkian Parkway.				
<b>LOUDOUN COUNTY --- 1.5 WSW LEESBURG [39.11, -77.58], 1.7 WSW LEESBURG [39.11, -77.58], 1.6 WSW LEESBURG [39.11, -77.58], 1.5 WSW LEESBURG [39.11, -77.58]</b>				
	09/06/08 14:00 EST		0	Flash Flood (due to Heavy Rain / Tropical System)
	09/06/08 16:13 EST		0	Source: Emergency Manager
Dry Mill Road between Ways Drive and Catocin Circle was closed due to flash flooding.				
<b>FAIRFAX (C) COUNTY --- 0.8 NNW FAIRFAX [38.86, -77.31], 0.8 NNW FAIRFAX [38.86, -77.31], 0.7 NNW FAIRFAX [38.86, -77.31], 0.7 NW FAIRFAX [38.86, -77.31]</b>				
	09/06/08 16:13 EST		0	Flood (due to Heavy Rain / Tropical System)
	09/06/08 17:15 EST		0	Source: Amateur Radio
Route 123 southbound was closed due to flooding near Route 50.				
<b>FAIRFAX COUNTY --- 0.6 E HERNDON [38.97, -77.37], 0.6 E HERNDON [38.97, -77.37], 0.6 E HERNDON [38.97, -77.37], 0.6 E HERNDON [38.97, -77.37]</b>				
	09/06/08 16:13 EST		0	Flood (due to Heavy Rain / Tropical System)
	09/06/08 17:15 EST		0	Source: Amateur Radio
An apartment complex was flooded near Sugarland Run.				
<b>FAIRFAX COUNTY --- 0.6 NNW SWINKS MILL [38.96, -77.20], 0.7 E ELKINS [38.98, -77.26], 3.1 NW GREAT FALLS [39.03, -77.31], 0.9 NW CROWELLS CORNER [38.96, -77.31]</b>				
	09/06/08 16:13 EST		0	Flood (due to Heavy Rain / Tropical System)
	09/06/08 17:15 EST		0	Source: Amateur Radio

## Storm Data and Unusual Weather Phenomena - September 2008

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
The road remained impassable at Route 193 and Swinks Mill Road due to flooding. Beach Mill Road remained closed in three places between Club View Road and Olympia Road. Georgetown Pike remained closed at Old Diminon Drive.				
<b>FAIRFAX COUNTY --- 0.8 W KENMORE [38.95, -77.28], 0.8 W KENMORE [38.95, -77.28], 0.8 W KENMORE [38.95, -77.28], 0.8 W KENMORE [38.95, -77.28]</b>	09/06/08 16:13 EST		1K	Flood (due to Heavy Rain / Tropical System)
	09/06/08 17:15 EST		1K	Source: Amateur Radio

Flooding closed the intersection of Beulah and Browns Mill Road.

<b>FAIRFAX COUNTY --- 1.0 NE BURKE [38.81, -77.26], 1.4 ENE BURKE [38.81, -77.25], 1.2 ENE DONOVANS CORNER [38.78, -77.30], 1.3 ENE DONOVANS CORNER [38.78, -77.30]</b>	09/06/08 16:13 EST		0	Flood (due to Heavy Rain / Tropical System)
	09/06/08 17:15 EST		0	Source: Amateur Radio

Burke Lake Road between the Fairfax County Parkway and Route 123 remained closed due to flooding.

<b>FAIRFAX COUNTY --- 1.4 NNW GROVETON [38.80, -77.09], 1.4 NNW GROVETON [38.80, -77.09], 1.3 NNW GROVETON [38.80, -77.09], 1.3 NNW GROVETON [38.80, -77.09]</b>	09/06/08 16:13 EST		0	Flood (due to Heavy Rain / Tropical System)
	09/06/08 17:15 EST		0	Source: Broadcast Media

Residents were evacuated due to flooding. Eisenhower Avenue was also closed due to flooding.

<b>LOUDOUN COUNTY --- 1.5 WSW LEESBURG [39.11, -77.58], 1.7 WSW LEESBURG [39.11, -77.58], 1.6 WSW LEESBURG [39.11, -77.58], 1.5 WSW LEESBURG [39.11, -77.58]</b>	09/06/08 16:13 EST		0	Flood (due to Heavy Rain / Tropical System)
	09/06/08 17:15 EST		0	Source: Emergency Manager

Dry Mill Road between Ways Drive and Catocin Circle remained closed due to flooding.

<b>LOUDOUN COUNTY --- 2.0 WSW STERLING [38.99, -77.46], 1.0 SSW STERLING [38.99, -77.44], 1.1 SSW STERLING [38.98, -77.44], 2.3 SSE RYAN [38.99, -77.47]</b>	09/06/08 16:13 EST		0	Flood (due to Heavy Rain / Tropical System)
	09/06/08 17:15 EST		0	Source: Amateur Radio

Businesses remained evacuated due to flooding two miles west of Route 28 on Route 606, and also between Pacific Boulevard and Global Plaza.

<b>PRINCE WILLIAM COUNTY --- 0.6 WNW QUANTICO [38.52, -77.29], 0.5 WNW QUANTICO [38.52, -77.29], 0.6 W QUANTICO [38.52, -77.29], 0.8 W QUANTICO [38.52, -77.29]</b>	09/06/08 16:13 EST		0	Flood (due to Heavy Rain / Tropical System)
	09/06/08 17:15 EST		0	Source: Amateur Radio

Flooding continued around Quantico.

<b>PRINCE WILLIAM COUNTY --- 1.2 W BETHEL [38.65, -77.34], 0.8 WSW WOODBRIDGE [38.64, -77.26], 0.8 ESE DALE CITY [38.62, -77.29], 0.1 SE MINNIEVILLE [38.63, -77.35]</b>	09/06/08 16:13 EST		0	Flood (due to Heavy Rain / Tropical System)
	09/06/08 17:15 EST		0	Source: Amateur Radio

Flooding continued to close a road near Neabsco Creek.

Tropical Storm Hanna tracked up the Mid-Atlantic coast on the 6th with maximum sustained winds around 50 mph. Hanna originally made landfall near the border of North and South Carolina around 3:20 AM on the 6th. Hanna tracked across eastern North Carolina during the early afternoon hours before turning northeast across southeastern Virginia later in the afternoon. Hanna eventually tracked across the Chesapeake Bay and into Delaware during the evening hours. With the track of Hanna being to the east, the strongest winds were also confined to our east. However, Hanna was still responsible for heavy rain along with Tropical Storm force winds across northern and central Virginia. Rainfall amounts totaled around 4 to 8 inches across many locations with locally higher amounts over 9 inches. Numerous roads were closed throughout northern and central Virginia due to flash flooding. Tropical Storm force winds were responsible for downed trees and power lines across northern and central Virginia as well. The worst conditions occurred during the late morning and afternoon hours as the storm passed by just to the east.

**KING GEORGE COUNTY --- 0.5 W JERSEY [38.20, -77.14]**

## Storm Data and Unusual Weather Phenomena - September 2008

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	09/13/08 19:51 EST		0	Thunderstorm Wind (EG 50 kt)
	09/13/08 19:51 EST		0	Source: Emergency Manager

Three trees were down near Jersey.

**An unstable atmosphere served as a trigger for showers and thunderstorms to develop. There was enough instability for a severe thunderstorm that produced damaging winds.**

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### FAUQUIER COUNTY --- 1.5 SSE BROAD RUN [38.81, -77.71]

09/30/08 00:00 EST	0	Hail (0.75 in)
09/30/08 00:00 EST	0	Source: Public

Penny size hail was reported just south of Broad Run.

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### PRINCE WILLIAM COUNTY --- 0.9 NE THOROUGHFARE [38.83, -77.66]

09/30/08 18:00 EST	0	Hail (0.75 in)
09/30/08 18:00 EST	0	Source: Public

Penny size hail was reported near Thoroughfare.

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### PRINCE WILLIAM COUNTY --- 0.9 NE THOROUGHFARE [38.83, -77.66]

09/30/08 18:00 EST	0	Thunderstorm Wind (EG 50 kt)
09/30/08 18:00 EST	0	Source: Public

A three inch limb was down on Cranswick Court and other tree damage was found throughout the neighborhood. Several trees were also down on the Dominion Valley Drive area.

**An approaching cold front combined with an unstable atmosphere to trigger showers and thunderstorms. Some thunderstorms were severe, producing damaging winds and large hail.**

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## WEST VIRGINIA, East

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### MORGAN COUNTY --- 0.3 NW LARGENT [39.48, -78.38], 0.2 W LARGENT [39.48, -78.38], 0.2 ENE LARGENT [39.48, -78.38], 0.3 NNE LARGENT [39.48, -78.38]

09/27/08 19:25 EST	0	Flash Flood (due to Heavy Rain)
09/27/08 21:00 EST	0	Source: Emergency Manager

Route 9 was closed near the village of Largent due to flash flooding.

**The combination of an unstable atmosphere along with plenty of moisture triggered showers and thunderstorms on September 27th. Some thunderstorms produced heavy rain in short periods of time, resulting in flash flooding.**