

Storm Data and Unusual Weather Phenomena - September 2009

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

TANGIER SOUND AND THE INLAND WATERS SURROUNDING BLOODSWORTH ISLAND COUNTY --- 0.3 SSE CRISFIELD [37.97, -75.88]				
	09/28/09 18:44 EST		0	Marine Thunderstorm Wind (MG 38 kt)
	09/28/09 18:51 EST		0	Source: Mesonet

Wind gusts between 34 and 38 knots were reported at Crisfield.

A cold front passed through the waters on the 28th. Scattered showers and thunderstorms developed ahead of the front. Gusty winds aloft were able to mix down to the surface in an isolated thunderstorm over the Chesapeake Bay.

MARYLAND, Central

ANNE ARUNDEL COUNTY --- 1.8 NW CROWNSVILLE [39.05, -76.62], 1.7 SSW BENFIELD [39.06, -76.63], 1.1 S BENFIELD [39.06, -76.62], 1.6 SSE BENFIELD [39.06, -76.61]				
	09/06/09 17:21 EST		0	Flash Flood (due to Heavy Rain)
	09/06/09 18:45 EST		0	Source: Law Enforcement

Sunrise Beach Road between General's Highway and Old Herald Harbor Road was closed due to flooding. COOP Observer near the area reported 2.75 inches of rain around an hour.

Deep layer easterly flow allowed a surge of Atlantic moisture to spread westward across the Chesapeake Bay. Scattered slowly moving showers developed as this area of enhanced moisture moved over lower southern Maryland, creating an isolated flash flood event in Anne Arundel County.

HARFORD COUNTY --- 0.8 SSW FULFORD [39.54, -76.28], 0.6 E FULFORD [39.55, -76.27], 0.9 ESE FULFORD [39.54, -76.27], 1.4 W CALVARY [39.53, -76.28]				
	09/11/09 10:00 EST		0	Flood (due to Heavy Rain)
	09/11/09 19:30 EST		0	Source: Emergency Manager

Edwards Lane closed due to flooding from Shucks Road to Asbury Road. Emergency Manager reported rain gauge measurement of 3.96 inches northwest of the area.

HARFORD COUNTY --- 0.9 ENE EMMORTON [39.51, -76.30], 0.8 ENE EMMORTON [39.51, -76.31], 0.9 NNE EMMORTON [39.51, -76.31], 1.1 ESE GLENWOOD [39.52, -76.31]				
	09/11/09 11:55 EST		0	Flood (due to Heavy Rain)
	09/11/09 19:30 EST		0	Source: Law Enforcement

Flooded forced the closure of Patterson Mill Road between Woodring Drive and Wheel Road. A trained spotter measured a rainfall amount of 4.15 inches in a 24 hour period.

BALTIMORE COUNTY --- RUXTON [39.40, -76.65], 0.2 NNE RUXTON [39.40, -76.65], 0.2 NE RUXTON [39.40, -76.65], 0.2 SE RUXTON [39.40, -76.65], 0.1 SSE RUXTON [39.40, -76.65]				
	09/11/09 14:30 EST		0	Flood (due to Heavy Rain)
	09/11/09 19:30 EST		0	Source: Law Enforcement

Flooding was reported at Ruxton Road and Circle Road. Numerous rainfall reports north and east of the area were received of 4 to 5 inches.

A strong coastal low pressure system slowly moved up the Delmarva Peninsula through the day, bringing a prolonged period of light to moderate rain to northeastern Maryland, with several rounds of heavy rain during a 24 hour period. This led to flooding across Harford and Baltimore Counties. Widespread rainfall of 3 to 5 inches was observed over these areas, with the highest total reported near Jacksonville, where 5.26 inches was reported.