

Storm Data and Unusual Weather Phenomena - November 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]

	11/27/09 02:48 EST	0	0	Marine Thunderstorm Wind (MG 38 kt)
	11/27/09 02:48 EST	0	0	Source: Mesonet

A wind gust of 38 knots was measured at Crisfield.

CHESAPEAKE BAY DRUM PT TO SMITH PT VA COUNTY --- PATUXENT RIVER ASOS [38.29, -76.41]

	11/27/09 03:52 EST	0	0	Marine Thunderstorm Wind (MG 34 kt)
	11/27/09 03:52 EST	0	0	Source: ASOS

A wind gust of 34 knots was measured at Patuxent River.

CHESAPEAKE BAY DRUM PT TO SMITH PT VA COUNTY --- 0.4 SSW SMITH ISLAND [37.98, -76.04]

	11/27/09 03:58 EST	0	0	Marine Thunderstorm Wind (EG 34 kt)
	11/27/09 03:58 EST	0	0	Source: Mesonet

A wind gust in excess of 30 knots was measured at Smith Island.

CHESAPEAKE BAY DRUM PT TO SMITH PT VA COUNTY --- 0.4 SSW SMITH ISLAND [37.98, -76.04]

	11/27/09 04:33 EST	0	0	Marine Thunderstorm Wind (MG 36 kt)
	11/27/09 04:33 EST	0	0	Source: Mesonet

A wind gust of 36 knots was measured at Smith Island.

TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- 3.9 NW WASHINGTON NATIONALS PARK [38.91, -77.06]

	11/27/09 13:00 EST	0	0	Marine Thunderstorm Wind (MG 45 kt)
	11/27/09 13:00 EST	0	0	Source: Mesonet

A wind gust of 45 knots was measured.

TIDAL POTOMAC KEY BRIDGE TO INDIAN HD MD COUNTY --- 0.2 NE (DCA)REAGAN NATIONAL AIRPORT [38.85, -77.04]

	11/27/09 13:03 EST	0	0	Marine Thunderstorm Wind (MG 37 kt)
	11/27/09 13:03 EST	0	0	Source: ASOS

A wind gust of 37 knots was measured at Reagan National Airport.

A strong cold front passed through the Tidal Potomac and Chesapeake Bay on the 27th. The upper-level low associated with this front provided enough instability for showers and isolated thunderstorms to produce gusty winds.

MARYLAND, Central

(MD-Z016) CHARLES, (MD-Z017) ST. MARY'S, (MD-Z018) CALVERT

	11/12/09 17:25 EST	0	0	Coastal Flood
	11/13/09 15:30 EST	0	0	

A persistent onshore flow developed around low pressure off the North Carolina Coast and high pressure over New England on the 12th into the 13th. This caused water levels to rise into a couple streets right along the Chesapeake Bay.

VIRGINIA, North

ALBEMARLE COUNTY --- 0.7 NE BATESVILLE [38.01, -78.72], 0.7 NE BATESVILLE [38.01, -78.72], 0.6 NE BATESVILLE [38.01, -78.72], 0.6 NE BATESVILLE [38.01, -78.72]

	11/19/09 09:39 EST	5K	0	Flash Flood (due to Heavy Rain)
	11/19/09 10:45 EST	0	0	Source: Emergency Manager

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A water rescue was needed on Burchs Creek Road due to flash flooding.

An area of low pressure moved up the Mid-Atlantic coast on the 19th, bringing rain to central Virginia. A deep easterly flow ahead of this system allowed for copious amounts of moisture to move into the region causing the rain to be heavy at times. This resulted in an isolated flash flood event in Albemarle County.

WEST VIRGINIA, East

(WV-Z054) PENDLETON, (WV-Z501) WESTERN GRANT

11/27/09 04:00 EST	0	Winter Weather
11/28/09 00:00 EST	0	

Northwest winds behind a cold front combined with the mountains to trigger snow across locations along and west of the Allegheny front. Snowfall amounts averaged between 4 and 6 inches.