

# Flood Event of 10/29/2012 - 11/1/2012

## Brandywine

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Chadds Ford	9.00	10/30/2012	12.19	9,400	Moderate	Christina	Brandywine Creek	Delaware	Delaware
Wilmington	16.50	10/30/2012	16.70	9,550	Minor	Christina	Brandywine Creek	New Castle	New Castle

## Delaware

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Pemberton	2.50	10/31/2012	2.58	700	Minor	Delaware	North Branch Rancocas Creek	Burlington	Burlington

## Juniata

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Shirleysburg	10.00	10/30/2012	11.81	7,940	Minor	Juniata	Aughwick Creek	Huntingdon	Huntingdon

## Main Stem Susquehanna

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Camp Hill	7.00	10/30/2012	8.86	3,660	Minor	Yellow Breeches	Yellow Breeches Creek	Cumberland	Cumberland
Harper Tavern	9.00	10/30/2012	9.28	7,510	Minor	Swatara	Swatara Creek	Lebanon	Lebanon
Hogestown	8.00	10/30/2012	8.83	7,030	Minor	Conodoguinet	Conodoguinet Creek	Cumberland	Cumberland
Lancaster	11.00	10/30/2012	14.24	13,700	Moderate	Conestoga	Conestoga River	Lancaster	Lancaster
Shermans Dale	9.00	10/30/2012	9.64	8,710	Minor	Lower Main Stem Susquehanna	Sherman Creek	Perry	Perry

## North Branch Potomac

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Cumberland	10.00	10/30/2012	10.35	9,590	Minor	North Branch Potomac	Wills Creek	Allegany	Allegany

## Potomac

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Dawsonville	7.50	10/31/2012	11.13	8,920	Moderate	Potomac	Seneca Creek	Montgomery	Montgomery
Edwards Ferry	15.00	10/31/2012	19.77	-9,999	Moderate	Potomac	Potomac River	Montgomery	Montgomery
Fairview	10.00	10/30/2012	11.76	9,690	Minor	Potomac	Conococheague Creek	Washington	Washington
Frederick	15.00	10/30/2012	21.78	29,700	Major	Potomac	Monocacy River at Jug Bridge	Frederick	Frederick
Great Cacapon	9.00	10/30/2012	15.05	20,400	Minor	Potomac	Cacapon River	Morgan	Morgan
Leesburg	12.00	10/31/2012	19.60	22,700	Major	Potomac	Goose Creek	Loudoun	Loudoun
Little Falls (Washington DC)	10.00	10/31/2012	10.33	141,000	Minor	Potomac	Potomac River	Montgomery	Montgomery
Martinsburg	10.00	10/30/2012	13.46	6,390	Moderate	Potomac	Opequon Creek	Berkeley	Berkeley
Point of Rocks	16.00	10/31/2012	18.19	106,000	Minor	Potomac	Potomac River	Frederick	Frederick
Sharpsburg	8.00	10/30/2012	9.89	5,130	Minor	Potomac	Antietam Creek	Washington	Washington
Shepherdstown	15.00	10/31/2012	19.00	-9,999	Moderate	Potomac	Potomac River	Jefferson	Jefferson
Wisconsin Ave, Washington, DC	6.00	11/1/2012	7.62	-9,999	Moderate	Potomac	Potomac River	Dist. of Columbia	Dist. of Columbia

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## Rappahannock

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Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Remington	15.00	10/31/2012	15.58	11,800	Minor	Rappahannock	Rappahannock River	Fauquier	Fauquier

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## Shenandoah

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Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Millville	10.00	10/31/2012	11.42	29,000	Minor	Shenandoah	Shenandoah River	Jefferson	Jefferson

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## Weather Summary

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Tropical storm Sandy moved up the East Coast of the United States on 28-30 October 2012. As the storm moved up the coast, it interacted with a strong short-wave in the westerlies. The resulting interactions produced a deep cyclone and strong winds north of the cyclone center. A strong North Atlantic Oscillation (NAO) blocked the northern movement of the storm and pushed it across New Jersey and Pennsylvania. The impacts of the storm included strong and damaging winds, record storm surges into Long Island, New York City and New Jersey, heavy rainfall in the Mid-Atlantic, and historic snowfall in the higher elevations of the Appalachians from North Carolina into southwestern Pennsylvania. Storm total amounts (liquid) - Andrews AFB, Md.: 15.3" (unconfirmed) - Easton, Md.: 12.55" - Wildwood Crest, N.J.: 11.67" - Virginia Beach, Va.: 9.57" - Milford, Del.: 9.55" - Maysville, W.Va.: 7.75" - Hanover, Pa.: 7.61" - Washington, D.C.: 5.44.

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## Crest Statistics and Flood Information

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First flood of 1 that occurred in Oct, 2012

Fifth flood of 7 that occurred in 2012

Number of Floods at MARFC Forecast Points - 24

Number of Floods Cresting in Minor Range - 15

Number of Floods Cresting in Moderate Range - 7

Number of Floods Cresting in Major Range - 2

Number of Floods Cresting in Missing Range - 0