

August 31 - September 1, 2018 Preliminary Flood Summary

Susquehanna (Lower Main Stem)	Above FS (ft)	Crest (ft)	Streflow (cfs)	Below FS (ft)	Category (ft)	Record (ft) - (cfs)
Harper Tavern, Pennsylvania - (HTVP1)	Flood = 9.0	9.98	7,790	Flood = 9.0	9.0 (minor)	25.60
Swatara Creek - (WFO CTP)	8/31/2018	August 31, 2018		9/1/2018	12.0 (moderate)	88,000
Gage & Town/Lebanon County	16:35	19:15:00 EST		4:00	15.0 (major)	June 1, 1889

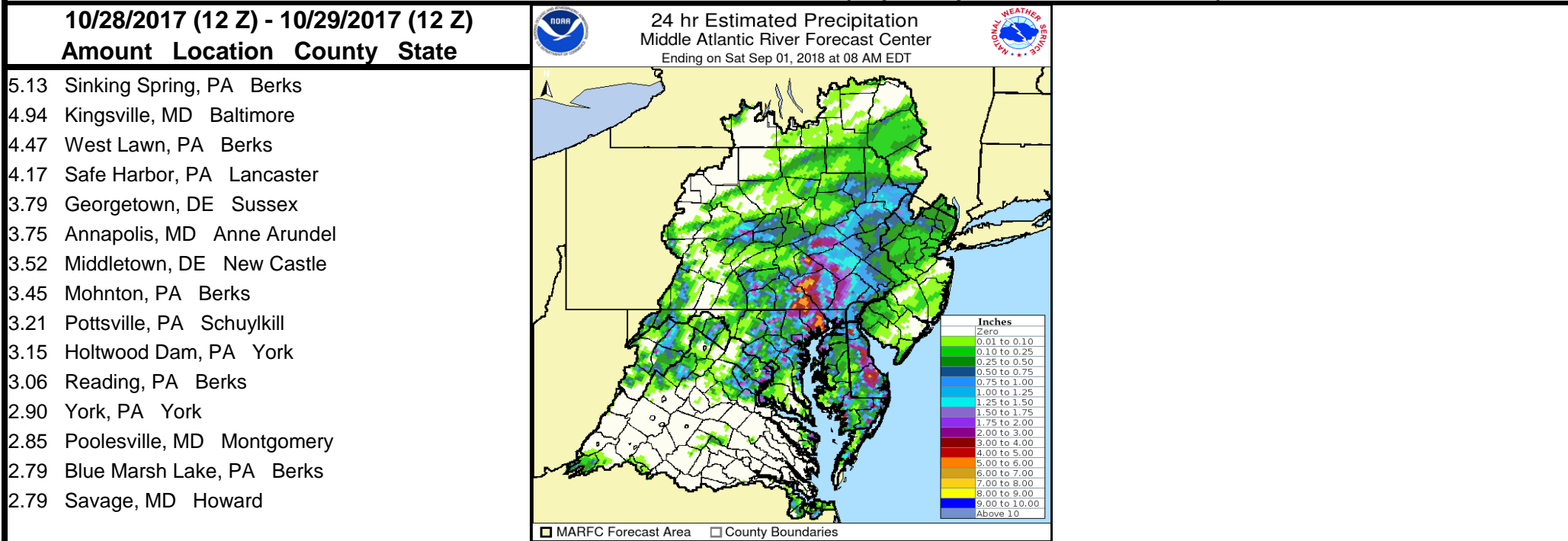
Crest Statistics

Flooding - 08/31/2018 - 09/01/2018
 Crests - 08/31/2018
 Sixth flood of 6 - August, 2018
 Twenty-second flood in 2018
 Number of MARFC Forecast Points Flooding - **1**
 Number of Floods Cresting in **Minor** Range - 1
 Number of Floods Cresting in **Moderate** Range - 0
 Number of Floods Cresting in **Major** Range - 0
 Number of Floods Cresting in **Missing** Range - 0
MARFC Power Ranking - 1 (Minor = 1 - Moderate = 5 - Major = 10 - Missing =1)
 Number of MARFC records - 0
 E = Estimated

Weather Summary

A cluster of slow moving, heavy rain producing thunderstorms dropped extreme amounts of rain over a short period of time leading to exceptional flash flooding. The most concentrated areas were in and near Lancaster and Lebanon Counties where unofficial totals included reports of 14.03", 10.57", 9.65", 8.54", and 6.00" in and near Mount Joy, Lancaster County PA. Other reports included 9.41" and 8.88" in or near Naumanstown, Lancaster County, PA; 8.88" in Schaefferstown, Lebanon County, PA; and 6.20" in Kreutz Creek, York County, PA. Because this rain only brushed the boundaries of MARFC forecast points, little flooding occurred on larger streams and rivers.

TOP 24-HOUR PRECIPITATION AMOUNTS (Liquid Equivalent and in inches)



Floods by MARFC Basins						
MARFC Basins	Fcst Points	Minor	Moderate	Major	Unknown	Mod & Major
Appomattox	0	0	0	0	0	0
Chemung	0	0	0	0	0	0
Delaware	0	0	0	0	0	0
James	0	0	0	0	0	0
Juniata	0	0	0	0	0	0
Lehigh	0	0	0	0	0	0
Lower Main Stem Susquehanna	1	1	0	0	0	0
North Branch Susquehanna	0	0	0	0	0	0
Passaic	0	0	0	0	0	0
Potomac	0	0	0	0	0	0
Rappahannock	0	0	0	0	0	0
Raritan	0	0	0	0	0	0
SE PA and Delaware (state)	0	0	0	0	0	0
Shenandoah	0	0	0	0	0	0
Upper Main Stem Susquehanna	0	0	0	0	0	0
West Branch Susquehanna	0	0	0	0	0	0
Floods by NWS Weather Forecast Offices						
Forecast Office	Fcst Points	Minor	Moderate	Major	Unknown	Mod & Major
Blacksburg, VA (RNK)	0	0	0	0	0	0
Binghamton, NY (BGM)	0	0	0	0	0	0
Brookhaven, NY (OKX)	0	0	0	0	0	0
Philadelphia, PA (PHI)	0	0	0	0	0	0
State College, PA (CTP)	1	1	0	0	0	0
Sterling, VA (LWX)	0	0	0	0	0	0
Wakefield, VA (AKQ)	0	0	0	0	0	0