

October 30, 2017 Preliminary Flood Summary

| Delaware | Above FS (ft) | Crest (ft) | Streamflow (cfs) | Below FS (ft) | Category (ft) | Record (ft) - (cfs) |
|---|---------------|-------------------------|------------------|---------------|-----------------|---------------------|
| <u>Cooks Falls, New York - (CKFN6)</u> | Flood = 10.0 | 13.80 | 22,100 | Flood = 10.0 | 10.0 (minor) | 20.55 |
| Beaver Kill - (WFO BGM) | 10/30/2017 | October 30, 2017 | | 10/30/2017 | 16.0 (moderate) | 62,400 |
| Gage & Town/Delaware County | 2:10 | 5:30:00 EST | | 9:40 | 18.0 (major) | June 28, 2006 |
| <u>Fishes Eddy, New York - (FSHN6)</u> | Flood = 13.0 | 13.22 | 23,900 | Flood = 13.0 | 13.0 (minor) | 23.60 |
| East Branch Delaware River - (WFO BGM) | 10/30/2017 | October 30, 2017 | | 10/30/2017 | 16.0 (moderate) | 70,000 |
| Gage & Town/Delaware County | 6:10 | 7:00:00 EST | | 8:05 | 18.0 (major) | October 9, 1903 |
| Juniata Basin | Above FS (ft) | Crest (ft) | Streflow (cfs) | Below FS (ft) | Category (ft) | Record (ft) - (cfs) |
| <u>Shirleysburg, Pennsylvania - (SLYP1)</u> | Flood = 10.0 | 11.00 | 6,960 | Flood = 10.0 | 10.0 (minor) | 19.46 |
| Aughwick Creek - (WFO CTP) | 10/30/2017 | October 30, 2017 | | 10/30/2017 | 12.0 (moderate) | 44,400 |
| Gage & Town/Huntingdon County | 0:15 | 7:40:00 EST | | 4:30 PM | 20.0 (major) | January 19, 1996 |

Crest Statistics

Flooding - 10/20/2017
 Crests - 10/30/2017
 First flood of 1 - October, 2017
 Ninth flood in 2017
 Number of MARFC Forecast Points Flooding - 3
 Number of Floods Cresting in **Minor** Range - 3
 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 - 3 (Minor = 1 - Moderate = 5 - Major = 10 - Missing =1)
 Number of MARFC records - 0
 E = Estimated

Weather Summary

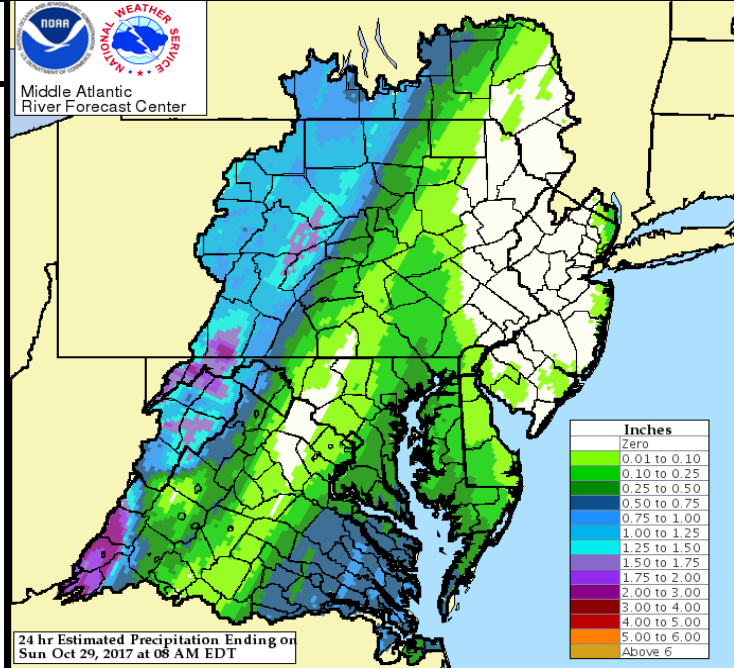
A strong cold front approached the MARFC area early on October 29 with moderate to heavy rainfall rates in western areas. This front became nearly stationary for several hours allowing the rain to stall while a separate low pressure formed along the coast. This low had a tropical connection, though was not Tropical Storm Philippe which was moving through the western Atlantic at the same time. This low moved up the East Coast with heavy rain eventually merging with the cold front.

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

10/28/2017 (12 Z) - 10/29/2017 (12 Z)

Amount Location County State

- 2.33" Fore Mountain, VA
- 2.24" Abbott, VA
- 2.20" Canton, PA
- 2.18" Covington, VA
- 2.05" Zion, PA
- 2.00" Boalsburg, PA
- 1.95" Hot Springs, VA
- 1.73" Chemung, NY
- 1.71" New Castle, VA
- 1.71" Hot Springs, VA
- 1.70" Williamsville, VA
- 1.66" White Sulphur Springs, VA
- 1.60" Milroy, PA
- 1.60" Mount Union, PA
- 1.60" Lewisburg, WV

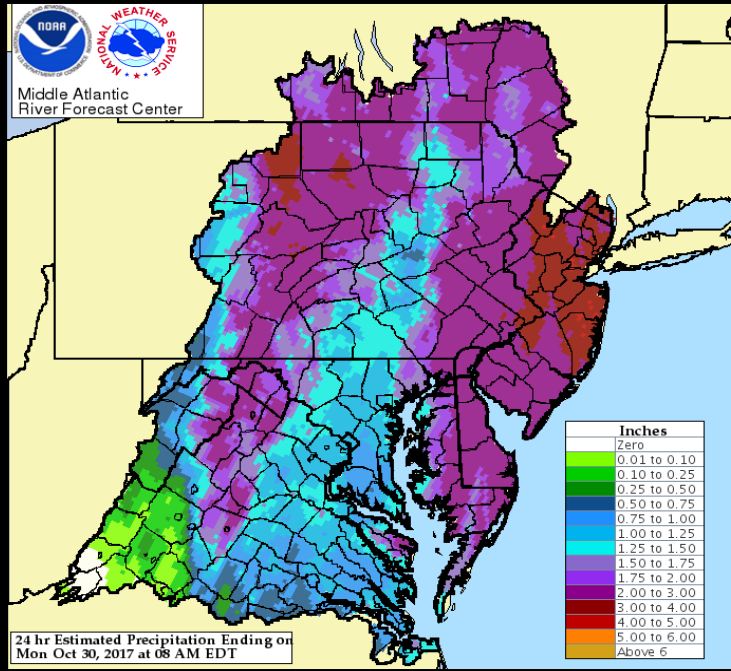


TOP 24-HOUR PRECIPITATION AMOUNTS (Liquid Equivalent and in inches)

10/29/2017 (12 Z) - 10/30/2017 (12 Z)

Amount Location County State

- 5.85" Phoenicia, NY
- 5.60" Tannersville, NY
- 5.43" East Jewit, NY
- 5.04" West Wharton, NJ
- 4.85" Jackson Twp, NJ
- 4.66" Far Hills, NJ
- 4.64" Morris Plains, NJ
- 4.56" Ironia, NJ
- 4.46" Andover, NJ
- 4.37" Brick Twp, NJ
- 4.36" Bernards Twp, NJ
- 4.35" Watchung, NJ
- 4.31" Ashokan, NY
- 4.28" Marlton, NJ
- 4.28" Mt. Laurel, NJ



| 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 | 2 | 2 | 0 | 0 | 0 | 0 |
| James | 0 | 0 | 0 | 0 | 0 | 0 |
| Juniata | 1 | 1 | 0 | 0 | 0 | 0 |
| Lehigh | 0 | 0 | 0 | 0 | 0 | 0 |
| Lower Main Stem Susquehanna | 0 | 0 | 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) | 2 | 2 | 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 |