

January 12 - January 15, 2018 Preliminary Flood Summary

Delaware	Above FS (ft)	Crest (ft)	Streamflow (cfs)	Below FS (ft)	Category (ft)	Record (ft) - (cfs)
Trenton, New Jersey - (TREN4)	Flood = 20.0	20.38	Ice Jam	Flood = 20.0	20.0 (minor)	30.30
Delaware River - (WFO PHI)	1/15/2018	January 15, 2018		1/15/2018	23.0 (moderate)	not available
Gage & Town/Mercer County	11:10	11:15:00 EST		11:20	25.0 (major)	March 8, 1904
Potomac	Above FS (ft)	Crest (ft)	Streamflow (cfs)	Below FS (ft)	Category (ft)	Record (ft) - (cfs)
Kitzmillier, Maryland - (KITM2)	Flood = 9.0	9.11	Ice Jam	Flood = 9.0	9.0 (minor)	16.50
North Branch Potomac River - (WFO LWX)	1/12/2018	January 12, 2018		1/12/2018	12.0 (moderate)	33,400
Gage & Town/Garrett County	4:35	5:45:00 EST		6:05	15.0 (major)	October 15, 1954
Raritan	Above FS (ft)	Crest (ft)	Streamflow (cfs)	Below FS (ft)	Category (ft)	Record (ft) - (cfs)
Stanton, New Jersey - (STTN4)	Flood = 8.0	8.21	Ice Jam	Flood = 8.0	8.0 (minor)	15.22
South Branch Raritan River - (WFO PHI)	1/12/2018	January 12, 2018		1/12/2018	10.0 (moderate)	18,000
Gage & Town/Hunterdon County	21:40	22:15:00 EST		22:20	12.0 (major)	August 19, 1955
Susquehanna Basin (North Branch)	Above FS (ft)	Crest (ft)	Streamflow (cfs)	Below FS (ft)	Category (ft)	Record (ft) - (cfs)
Greene, New York - (GNEN6)	Flood = 13.0	14.27	11,700	Flood = 13.0	13.0 (minor)	22.00
Chenango River - (WFO BGM)	1/13/2018	January 13, 2018		1/14/2018	15.0 (moderate)	not available
Gage & Town/Chenango County	12:15	17:00:00 EST		7:50	18.0 (major)	July 8, 1935

Crest Statistics

Flooding - 01/12/2018 - 01/15/2018
 Crests - 01/12/2018 - 01/15/2018
 First flood of 2 - January, 2018
 First flood in 2018
 Number of MARFC Forecast Points Flooding - **4**
 Number of Floods Cresting in **Minor** Range - 4
 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 - 4 (Minor = 1 - Moderate = 5 - Major = 10 - Missing = 1)
 Number of MARFC records - 0
 E = Estimated

Weather Summary

After weeks of below and much below average temperatures, a rapid warm-up with dewpoints as high as the 50s and 60s caused the relatively minimal amount of snow on the ground to melt. The snowmelt along with 1/2 to 1 1/2 inches of rainfall led to ice dislodging from streams, creeks, and smaller rivers. This ice moved downstream jamming at several locations, not necessarily at forecast points. Once the cold front passed through, the rain ended as some snow in northern and western areas and also stopped ice melt and most ice movement.

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

1/11/2018 (12 Z) - 1/12/2018 (12 Z)

Amount	Location	County
2.50"	Montebello, VA	Nelson
2.15"	Roulette, PA	Potter
2.13"	Hartsville, NY	Steuben
1.86"	Bradford, PA	McKean
1.70"	Ridgway, PA	Elk
1.65"	Wellsville, NY	Allegany
1.63"	Big Meadows, VA	Madison
1.60"	Sizerville, PA	Cameron
1.59"	Shinglehouse, PA	Potter
1.57"	Glasgow, VA	Amherst
1.56"	DuBois, PA	Clearfield
1.51"	Coudersport, PA	Potter
1.47"	St Marys, PA	Elk
1.45"	Smith Valley, NY	Schuyler
1.40"	Almond Dam, NY	Steuben

MPE map not available.

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

1/12/2018 (12 Z) - 1/13/2018 (12 Z)

Amount	Location	County	State
2.70"	Flatbrookville, NJ	Sussex	
2.58"	Charlotteburg, NJ	Passaic	
2.52"	Phoenicia, NY	Ulster	
2.51"	Boonton Twp, NJ	Morris	
2.51"	Thurmont, MD	Frederick	
2.47"	Canadensis, PA	Monroe	
2.45"	Laporte, PA	Sullivan	
2.44"	Pompton Lakes, NJ	Passaic	
2.44"	Milford, Twp, NJ	Passaic	
2.40"	Mount Pocono, PA	Monroe	
2.37"	Rockaway, NJ	Morris	
2.33"	Williamsport, PA	Lycoming	
2.31"	Ashoken, NY	Ulster	
2.30"	Blakeslee, PA	Carbon	
2.24"	Pompton Plains, NJ	Morris	

MPE map not available.

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	1	1	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	0	0	0	0	0	0
North Branch Susquehanna	1	1	0	0	0	0
Passaic	0	0	0	0	0	0
Potomac	1	1	0	0	0	0
Rappahannock	0	0	0	0	0	0
Raritan	1	1	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)	1	1	0	0	0	0
Brookhaven, NY (OKX)	0	0	0	0	0	0
Philadelphia, PA (PHI)	2	2	0	0	0	0
State College, PA (CTP)	0	0	0	0	0	0
Sterling, VA (LWX)	1	1	0	0	0	0
Wakefield, VA (AKQ)	0	0	0	0	0	0