

January 23 - January 25, 2018 Preliminary Flood Summary

Delaware	Above FS (ft)	Crest (ft)	Streamflow (cfs)	Below FS (ft)	Category (ft)	Record (ft) - (cfs)
<u>Godeffroy, New York - (NEVN6)</u>	Flood = 10.0	11.57	Ice Jam	Flood = 10.0	10.0 (minor)	12.49
Neversink River - (WFO BGM)	1/23/2018	January 23, 2018 19:45:00 EST		1/23/2018	11.0 (moderate)	33,000
Gage & Town/Orange County	18:45			22:00	12.0 (major)	August 19, 1955
Susquehanna (Lower Main Stem)	Above FS (ft)	Crest (ft)	Streflow (cfs)	Below FS (ft)	Category (ft)	Record (ft) - (cfs)
<u>Harper Tavern, Pennsylvania - (HTVP1)</u>	Flood = 9.0	10.99	9,620	Flood = 9.0	9.0 (minor)	25.60
Swatara Creek - (WFO CTP)	1/23/2018	January 24, 2018 00:30:00 EST		1/24/2018	12.0 (moderate)	88,000
Gage & Town/Lebanon County	12:00			5:50	15.0 (major)	June 1, 1889
<u>Hershey, Pennsylvania - (HERP1)</u>	Flood = 7.0	7.32	9,240	Flood = 7.0	7.0 (minor)	27.22
Swatara Creek - (WFO CTP)	1/23/2018	January 24, 2018 7:45:00 EST		1/24/2018	10.0 (moderate)	96,900
Gage & Town/Dauphin County	23:45			12:00	14.0 (major)	September 8, 2011
Susquehanna Basin (North Branch)	Above FS (ft)	Crest (ft)	Streflow (cfs)	Below FS (ft)	Category (ft)	Record (ft) - (cfs)
<u>Greene, New York - (GNEN6)</u>	Flood = 13.0	13.62	Ice Jam	Flood = 13.0	13.0 (minor)	22.00
Chenango River - (WFO BGM)	1/24/2018	January 24, 2018 14:30:00 EST		1/24/2018	15.0 (moderate)	not available
Gage & Town/Chenango County	2:10			22:40	18.0 (major)	July 8, 1935
<u>Vestal, New York - (VSTN6)</u>	Flood = 18.0	18.20	Ice Jam	Flood = 18.0	18.0 (minor)	35.26
Susquehanna River - (North BR) - (WFO BGM)	1/24/2018	January 24, 2018 11:15:00 EST		1/24/2018	21.0 (moderate)	129,000
Gage & Town/Broome County	4:40			19:20	27.0 (major)	September 8, 2011
Susquehanna Basin (Upper Main Stem)	Above FS (ft)	Crest (ft)	Streflow (cfs)	Below FS (ft)	Category (ft)	Record (ft) - (cfs)
<u>Wilkes-Barre, Pennsylvania - (WBRP1)</u>	Flood = 22.0	22.83	Ice Jam	Flood = 22.0	22.0 (minor)	42.66
Susquehanna River - (WFO BGM)	1/24/2018	January 24, 2018 20:45:00 EST		1/24/2018	28.0 (moderate)	missing
Gage & Town/Luzerne County	16:35			20:50	30.0 (major)	September 9, 2011
<u>Wilkes-Barre, Pennsylvania - (WBRP1)</u>	Flood = 22.0	27.40	Ice Jam	Flood = 22.0	22.0 (minor)	42.66
Susquehanna River - (WFO BGM)	1/25/2018	January 25, 2018 3:45:00 EST		1/25/2018	28.0 (moderate)	missing
Gage & Town/Luzerne County	1:55			5:00	30.0 (major)	September 9, 2011

Crest Statistics

Flooding - 01/23/2018 - 01/25/2018

Crests - 01/23/2018 - 01/25/2018

Second flood of 2 - January, 2018

Second flood in 2018

Number of MARFC Forecast Points Flooding - **7**

Number of Floods Cresting in **Minor** Range - 6

Number of Floods Cresting in **Moderate** Range - 1

Number of Floods Cresting in **Major** Range - 0

Number of Floods Cresting in **Missing** Range - 0

MARFC Power Ranking - 11 (Minor = 1 - Moderate = 5 - Major = 10 - Missing =1)

Number of MARFC records - 0

E = Estimated

Weather Summary

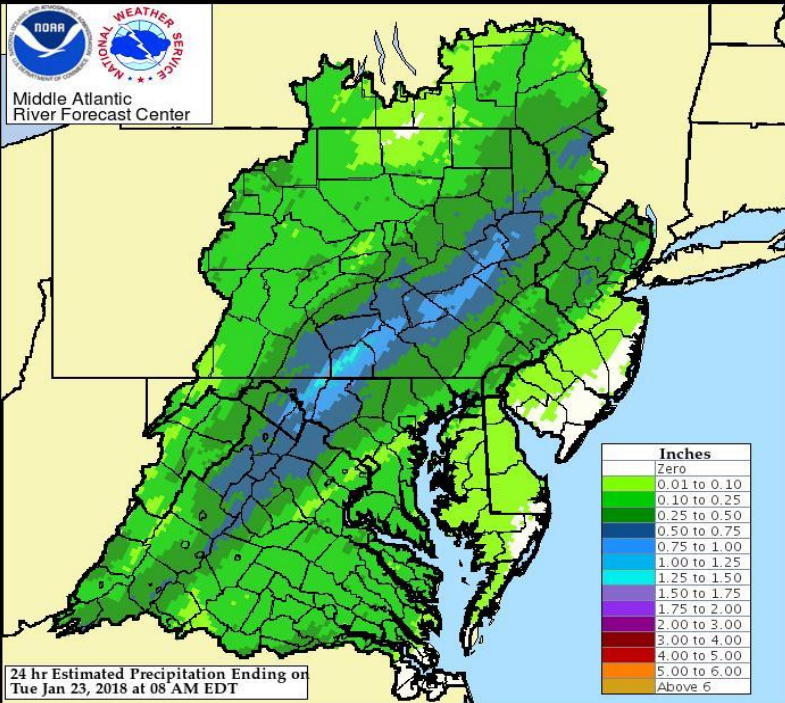
A warm-up earlier in the month dislodged considerable amounts of river ice and moved it to larger rivers in the Susquehanna and Delaware River basins. The next significant warmup brought light to moderate amounts of rain. This rain was sufficient to cause flooding in the Swatara Creek watershed. It was also sufficient to once again cause sufficient stream and river rises which enabled ice to break up and move downstream. This ice jammed at several locations leading to mostly minor flooding.

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

1/22/2018 (12 Z) - 1/23/2018 (12 Z)

Amount Location County State

Data currently not available.

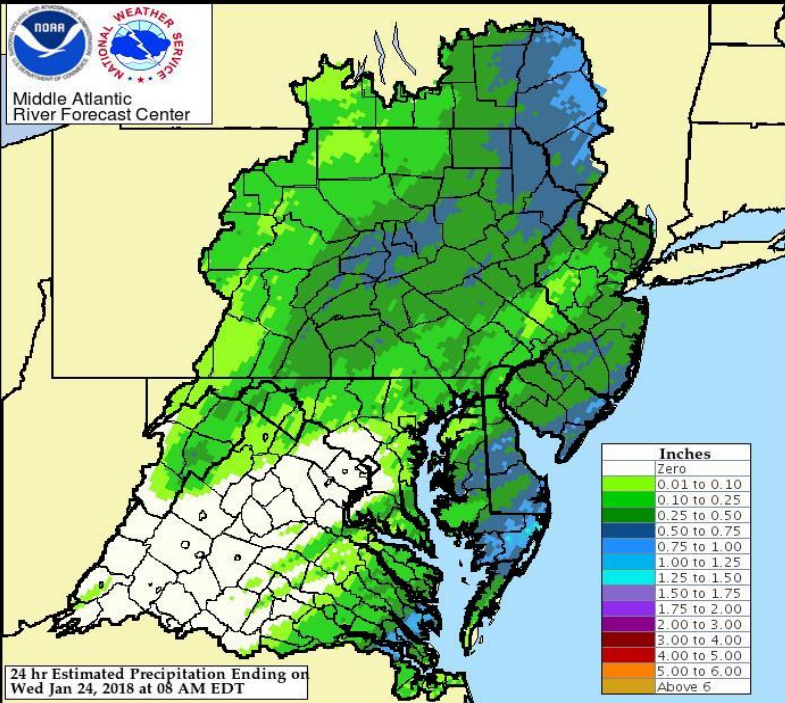


TOP 24-HOUR PRECIPITATION AMOUNTS (Liquid Equivalent and in inches)

1/23/2018 (12 Z) - 1/24/2018 (12 Z)

Amount Location County State

Data currently 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	0	1	0	0	1
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	2	0	2	0	0	2
North Branch Susquehanna	2	0	2	0	0	2
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	2	0	2	0	0	2
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)	5	4	1	0	0	1
Brookhaven, NY (OKX)	0	0	0	0	0	0
Philadelphia, PA (PHI)	0	0	0	0	0	0
State College, PA (CTP)	2	2	0	0	0	0
Sterling, VA (LWX)	0	0	0	0	0	0
Wakefield, VA (AKQ)	0	0	0	0	0	0