

February 4 - 5, 2022 Preliminary Flood Summary

Juniata Basin	Above FS (ft)	Crest (ft)	Streamflow (cfs)	Below FS (ft)	Category (ft)	Record (ft) - (cfs)
Shirleysburg, Pennsylvania - (SLYP1)	Flood = 10.0	10.41	6.100	Flood = 10.0	10.0 (minor)	19.46
Aughwick Creek - (WFO CTP)	2/4/2022	February 4, 2022		2/4/2022	12.0 (moderate)	44,400
Gage & Town/Huntingdon County	8:35	14:30:00 EST		17:23	20.0 (major)	January 19, 1996
Susquehanna (Lower Main Stem)	Above FS (ft)	Crest (ft)	Streamflow (cfs)	Below FS (ft)	Category (ft)	Record (ft) - (cfs)
Harper Tavern, Pennsylvania - (HTVP1)	Flood = 9.0	9.96	7.630	Flood = 9.0	9.0 (minor)	25.60
Swatara Creek - (WFO CTP)	2/4/2022	February 4, 2022		2/4/2022	12.0 (moderate)	88,000
Gage & Town/Lebanon County	7:42	14:45:00 EST		21:08	15.0 (major)	June 1, 1889
Middletown, Pennsylvania - (MTLP1)	Flood = 11.0	13.26	ICE JAM	Flood = 11.0	11.0 (minor)	28.45
Swatara Creek - (WFO CTP)	2/4/2022	February 5, 2022		2/5/2022	15.0 (moderate)	not available
Gage & Town/Dauphin County	18:40	2:45:00 EST		7:05	18.0 (major)	June 23, 1972
Penns Creek, Pennsylvania - (PNCP1)	Flood = 8.0	8.94	ICE JAM	Flood = 8.0	8.0 (minor)	14.85
Penns Creek/Basin - (WFO CTP)	2/4/2022	February 4, 2022		2/4/2022	10.0 (moderate)	34,600
Gage/Union County - Town/Snyder County	7:10	7:15:00 EST		9:40	12.0 (major)	June 23, 1972

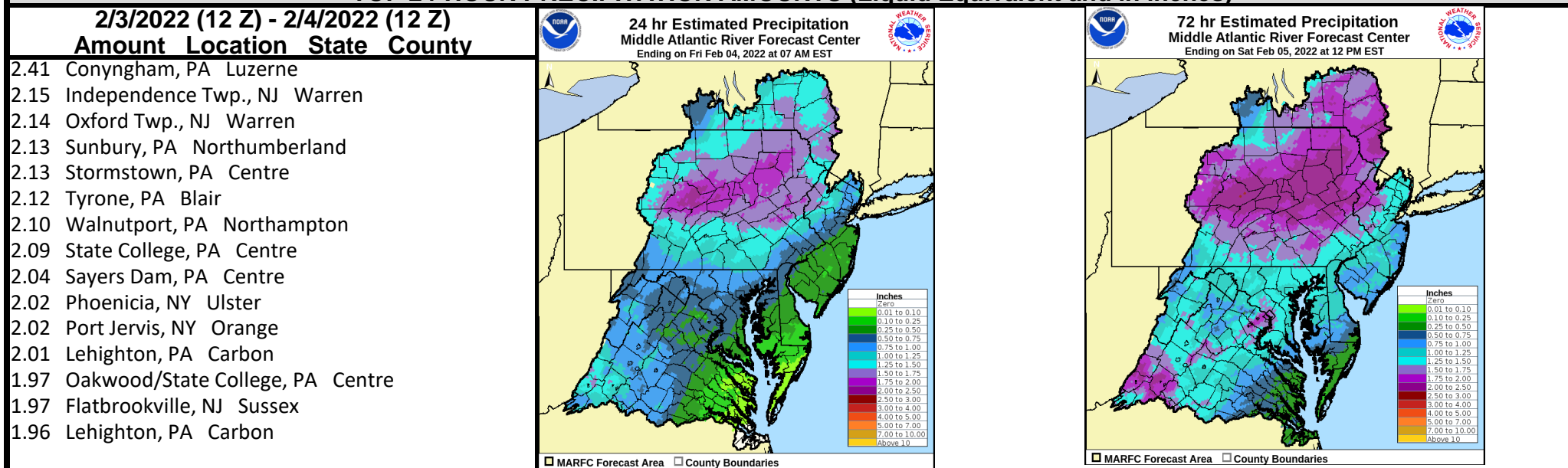
Crest Statistics

Flooding - 2/4/2022 - 2/5/2022
 Crests - 2/4/2022 - 2/5/2022
 First flood of 1 - February, 2022
 First flood in 2022
 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

An elongated frontal boundary stretching from Maine to Texas lay across northwest sections of the MARFC service area and dropped slowly southeast. Meanwhile, a steady stream of deep moisture moved northeastward as the front sagged southeastward. As colder air seeped southeastward, the rain gradually changed to freezing rain, then to sleet, then to snow. The heaviest snow was in the northwest with the most ice in central areas and just rain further south. With over 2 inches of rain in some areas, flooding occurred in a couple of locations. As ice dislodged and moved, jamming occurred in several areas leading to minor flooding in a couple of locations.

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	1	1	0	0	0	0
Lehigh	0	0	0	0	0	0
Lower Main Stem Susquehanna	3	3	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)	4	4	0	0	0	0
Sterling, VA (LWX)	0	0	0	0	0	0
Wakefield, VA (AKQ)	0	0	0	0	0	0