

Flood Event of 3/26/1913 - 3/29/1913

Chemung

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Chemung	16.00	3/26/1913	16.50	52,500	Minor	Chemung	Chemung River	Chemung	Chemung
Corning	29.00	3/27/1913	29.44	-9,999	Minor	Chemung	Chemung River	Steuben	Steuben

Delaware

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Fishs Eddy	13.00	3/27/1913	17.40	32,500	Moderate	Delaware	Delaware River	Delaware	Delaware

James

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Buchanan	17.00	3/27/1913	31.00	105,000	Major	James	James River	Botetourt	Botetourt
Cartersville	20.00	3/29/1913	23.40	93,600	Moderate	James	James River	Goochland	Cumberland
Covington	17.00	3/28/1913	25.47	-9,999	Major	James	Jackson River below Dunlap Creek	Covington City	Independent City
Holcomb Rock	22.00	3/28/1913	31.30	118,000	Major	James	James River	Bedford	Bedford
Lick Run	16.00	3/28/1913	30.40	98,000	Major	James	James River	Botetourt	Botetourt
Scottsville	20.00	3/28/1913	25.16	121,000	Major	James	James River	Albemarle	Albermarle

Main Stem Delaware

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
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Hale Eddy	11.00	3/27/1913	15.30	25,000	Major	Main Stem Delaware	West Branch Delaware River	Delaware	Delaware
Riegelsville	22.00	3/28/1913	25.00	144,000	Minor	Main Stem Delaware	Delaware River	Warren	Bucks
Trenton	20.00	3/28/1913	21.10	160,000	Minor	Main Stem Delaware	Delaware River	Mercer	Mercer

Main Stem Susquehanna

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Bloomsburg	19.00	3/28/1913	22.30	192,000	Moderate	Upper Main Stem Susquehanna	Susquehanna River	Columbia	Columbia
Camp Hill	7.00	3/27/1913	7.86	4,680	Minor	Yellow Breeches	Yellow Breeches Creek	Cumberland	Cumberland
Danville	20.00	3/28/1913	23.11	192,000	Moderate	Upper Main Stem Susquehanna	Susquehanna River	Montour	Montour
Harrisburg	17.00	3/28/1913	19.54	402,000	Minor	Lower Main Stem Susquehanna	Susquehanna River	Dauphin	Dauphin
Towanda	16.00	3/28/1913	20.70	146,000	Moderate	Upper Main Stem Susquehanna	Susquehanna River	Bradford	Bradford
Wilkes-Barre	22.00	3/28/1913	28.50	184,000	Moderate	Upper Main Stem Susquehanna	Susquehanna River	Luzerne	Luzerne

North Branch Susquehanna

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Binghamton	14.00	3/28/1913	18.60	-9,999	Major	North Branch Susquehanna	North Branch Susquehanna River	Broome	Broome
Chenango Forks	10.00	3/27/1913	13.70	35,500	Moderate	North Branch Susquehanna	Chenango River	Broome	Broome
Conklin	11.00	3/28/1913	18.30	52,000	Moderate	North Branch Susquehanna	North Branch Susquehanna River	Broome	Broome
Sherburne	8.00	3/27/1913	9.50	-9,999	Moderate	North Branch Susquehanna	Chenango River	Chenango	Chenango

Potomac

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Harpers Ferry	18.00	3/28/1913	18.60	-9,999	Minor	Potomac	Potomac River	Jefferson	Jefferson
Point of Rocks	16.00	3/28/1913	20.00	139,000	Moderate	Potomac	Potomac River	Frederick	Frederick

West Branch Susquehanna

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Milton	19.00	3/28/1913	19.55	-9,999	Minor	West Branch Susquehanna	West Branch Susquehanna River	Union	Northumberland
Montgomery	20.00	3/27/1913	21.00	-9,999	Minor	West Branch Susquehanna	West Branch Susquehanna River	Lycoming	Lycoming
Williamsport	20.00	3/27/1913	20.40	135,000	Minor	West Branch Susquehanna	West Branch Susquehanna River	Lycoming	Lycoming

Weather Summary

The pattern appears to have been cold east of the area most of the month. A monster 500 hPa ridge lurked off the coast all month and the ridge moved eastward 22-25 March 1913 allowing for a huge surge of deep moisture and anomalous PW into the Ohio Valley and eastern United States. A west-southwest to east-northeast boundary of high PW air was stuck over the Mid-Atlantic region with strong southerly flow from 25 to 27 March 1913. – (Rich Grumm National Weather Service State College, PA)

Source: Grumm NWS WFO CTP

Crest Statistics and Flood Information

Second flood of 1 that occurred in Mar, 1913

First flood of 2 that occurred in 1913

Number of Floods at MARFC Forecast Points - 27

Number of Floods Cresting in Minor Range - 10

Number of Floods Cresting in Moderate Range - 10

Number of Floods Cresting in Major Range - 7

Number of Floods Cresting in Missing Range - 0