

# Flood Event of 3/29/1940 - 4/2/1940

## Chemung

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Campbell	8.00	4/1/1940	8.15	12,000	Minor	Chemung	Cohocton River	Steuben	Steuben
Chemung	16.00	4/1/1940	19.62	87,800	Minor	Chemung	Chemung River	Chemung	Chemung
Corning	29.00	4/1/1940	33.44	-9,999	Moderate	Chemung	Chemung River	Steuben	Steuben
Elmira	12.00	4/1/1940	17.80	-9,999	Moderate	Chemung	Chemung River	Chemung	Chemung
Lindley	17.00	4/1/1940	18.78	36,600	Minor	Chemung	Tioga River	Steuben	Steuben

## Delaware

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Cooks Falls	10.00	3/31/1940	11.55	11,500	Minor	Delaware	Beaver Kill	Delaware	Delaware
Fishs Eddy	13.00	3/31/1940	16.99	35,500	Moderate	Delaware	Delaware River	Delaware	Delaware
Harvard	10.00	3/31/1940	15.01	23,100	Major	Delaware	East Branch Delaware River	Delaware	Delaware

## Juniata

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Spruce Creek	8.00	3/31/1940	10.82	7,760	Moderate	Juniata	Little Juniata River	Huntingdon	Huntingdon
Williamsburg	12.00	3/31/1940	12.94	12,900	Minor	Juniata	Frankstown Branch Juniata River	Blair	Blair

### Main Stem Delaware

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Hale Eddy	11.00	3/31/1940	14.97	23,400	Moderate	Main Stem Delaware	West Branch Delaware River	Delaware	Delaware
Riegelsville	22.00	4/1/1940	26.47	154,000	Moderate	Main Stem Delaware	Delaware River	Warren	Bucks
Stockton	18.00	4/1/1940	18.96	-9,999	Minor	Main Stem Delaware	Delaware River	Hunterdon	Hunterdon
Trenton	20.00	4/1/1940	20.62	151,600	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	4/2/1940	25.70	222,000	Moderate	Upper Main Stem Susquehanna	Susquehanna River	Columbia	Columbia
Danville	20.00	4/2/1940	25.25	222,000	Moderate	Upper Main Stem Susquehanna	Susquehanna River	Montour	Montour
Harper Tavern	9.00	3/31/1940	10.35	9,660	Minor	Swatara	Swatara Creek	Lebanon	Lebanon
Harrisburg	17.00	4/2/1940	19.75	418,000	Minor	Lower Main Stem Susquehanna	Susquehanna River	Dauphin	Dauphin
Marietta	49.00	4/2/1940	53.33	432,000	Moderate	Lower Main Stem Susquehanna	Susquehanna River	Lancaster	Lancaster
Monroeton	14.00	3/30/1940	17.80	17,700	Moderate	Upper Main Stem Susquehanna	Towanda Creek	Bradford	Bradford
Old Forge	11.00	3/31/1940	11.86	14,300	Minor	Lackawanna	Lackawaxen River	Lackawanna	Lackawanna
Penns Creek	8.00	3/31/1940	11.61	13,600	Moderate	Penns Creek	Penns Creek	Snyder	Snyder
Towanda	16.00	4/1/1940	23.84	176,000	Moderate	Upper Main Stem Susquehanna	Susquehanna River	Bradford	Bradford
Tunkhannock	11.00	3/31/1940	13.50	29,400	Minor	Upper Main Stem Susquehanna	Tunkhannock Creek	Wyoming	Wyoming

Wilkes-Barre	22.00	4/1/1940	31.53	212,000	Major	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	4/1/1940	19.00	-9,999	Major	North Branch Susquehanna	North Branch Susquehanna River	Broome	Broome
Cincinnatus	9.00	3/31/1940	9.37	4,510	Minor	North Branch Susquehanna	Otselic River	Cortland	Cortland
Conklin	11.00	4/1/1940	19.13	51,800	Moderate	North Branch Susquehanna	North Branch Susquehanna River	Broome	Broome
Cortland	8.00	4/1/1940	10.97	5,210	Moderate	North Branch Susquehanna	Tioughnioga River	Cortland	Cortland
Greene	13.00	4/1/1940	15.76	11,500	Minor	North Branch Susquehanna	Chenango River	Chenango	Chenango
Rockdale	11.00	4/1/1940	11.92	13,400	Minor	North Branch Susquehanna	Unadilla River	Chenango	Chenango
Sherburne	8.00	3/31/1940	9.40	-9,999	Moderate	North Branch Susquehanna	Chenango River	Chenango	Chenango
Unadilla	11.00	3/31/1940	13.54	20,300	Moderate	North Branch Susquehanna	North Branch Susquehanna River	Otsego	Otsego
Vestal	18.00	4/1/1940	26.58	85,500	Moderate	North Branch Susquehanna	North Branch Susquehanna River	Broome	Broome
Waverly	11.00	4/1/1940	19.00	106,000	Moderate	North Branch Susquehanna	North Branch Susquehanna River	Bradford	Tioga

### Rappahannock

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Remington	15.00	3/29/1940	16.99	16,500	Minor	Rappahannock	Rappahannock River	Fauquier	Fauquier

### West Branch Susquehanna

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
------	-------------	------	-------	------	----------	-------	--------	----------------	--------------------------

Beech Creek Station	11.00	3/31/1940	11.06	16,200	Minor	West Branch Susquehanna	Bald Eagle Creek	Clinton	Clinton
Lewisburg	18.00	4/1/1940	22.70	164,000	Minor	West Branch Susquehanna	West Branch Susquehanna River	Northumberland	Union
Lock Haven	21.00	4/1/1940	21.70	-9,999	Minor	West Branch Susquehanna	West Branch Susquehanna River	Clinton	Clinton
Milton	19.00	3/31/1940	21.95	-9,999	Minor	West Branch Susquehanna	West Branch Susquehanna River	Union	Northumberland
Montgomery	20.00	4/1/1940	23.00	-9,999	Moderate	West Branch Susquehanna	West Branch Susquehanna River	Lycoming	Lycoming
Renovo	16.00	4/1/1940	16.51	92,900	Minor	West Branch Susquehanna	West Branch Susquehanna River	Clinton	Clinton
Watsonstown	23.00	4/1/1940	24.75	-9,999	Minor	West Branch Susquehanna	West Branch Susquehanna River	Northumberland	Northumberland
Williamsport	20.00	4/1/1940	22.73	146,000	Moderate	West Branch Susquehanna	West Branch Susquehanna River	Lycoming	Lycoming

---

## Weather Summary

---

Low pressure developed across the Tennessee valley and advanced rapidly to the Maine coast with increased intensity. Continued mild weather during the early days of the month, coupled with the medium high flows of March 19-21, flushed out the ice. Heavy rains during the closing days of the month, unusually high temperatures in the 60s and 70s resulting in snowmelt caused streams to rise rapidly. 24 hour rainfall ending during the morning of the 31st saw Wilkes-Barre, PA pick up 2.86 inches and 1.87 inches at Binghamton, NY. The Remington, Virginia crest is from the National Weather Service and not the USGS. It is possible that the date could be wrong.

---

## Crest Statistics and Flood Information

---

Third flood of 3 that occurred in Mar, 1940

Fifth flood of 15 that occurred in 1940

Number of Floods at MARFC Forecast Points - 44

Number of Floods Cresting in Minor Range - 21

Number of Floods Cresting in Moderate Range - 20

Number of Floods Cresting in Major Range - 3

Number of Floods Cresting in Missing Range - 0