

Flood Event of 2/20/1981 - 2/25/1981

Chemung

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Mansfield	12.00	2/23/1981	12.87	4,810	Minor	Chemung	Tioga River	Tioga	Tioga

Delaware

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Cooks Falls	10.00	2/20/1981	12.44	16,400	Minor	Delaware	Beaver Kill	Delaware	Delaware

Main Stem Susquehanna

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Camp Hill	7.00	2/24/1981	7.19	2,500	Minor	Yellow Breeches	Yellow Breeches Creek	Cumberland	Cumberland
Conowingo	23.50	2/25/1981	25.18	355,000	Moderate	Lower Main Stem Susquehanna	Susquehanna River	Harford	Cecil
Harper Tavern	9.00	2/24/1981	9.80	6,440	Minor	Swatara	Swatara Creek	Lebanon	Lebanon
Hogestown	8.00	2/24/1981	8.35	6,540	Minor	Conodoguinet	Conodoguinet Creek	Cumberland	Cumberland
Marietta	49.00	2/24/1981	49.56	316,000	Minor	Lower Main Stem Susquehanna	Susquehanna River	Lancaster	Lancaster
Penns Creek	8.00	2/24/1981	9.18	7,590	Minor	Penns Creek	Penns Creek	Snyder	Snyder
Shermans Dale	9.00	2/23/1981	10.96	9,580	Minor	Lower Main Stem Susquehanna	Sherman Creek	Perry	Perry

North Branch Susquehanna

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
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Chenango Forks	10.00	2/20/1981	10.15	21,100	Minor	North Branch Susquehanna	Chenango River	Broome	Broome
Conklin	11.00	2/21/1981	12.39	24,700	Minor	North Branch Susquehanna	North Branch Susquehanna River	Broome	Broome
Cortland	8.00	2/21/1981	9.45	5,920	Minor	North Branch Susquehanna	Tioughnioga River	Cortland	Cortland
Sherburne	8.00	2/20/1981	8.73	4,260	Minor	North Branch Susquehanna	Chenango River	Chenango	Chenango
Vestal	18.00	2/21/1981	19.43	48,700	Minor	North Branch Susquehanna	North Branch Susquehanna River	Broome	Broome
Waverly	11.00	2/21/1981	13.60	59,200	Minor	North Branch Susquehanna	North Branch Susquehanna River	Bradford	Tioga

Passaic

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Mahwah	8.00	2/20/1981	9.06	3,270	Moderate	Passaic	Ramapo River	Bergen	Bergen
Pompton Lakes	11.70	2/21/1981	12.13	3,630	Minor	Passaic	Ramapo River	Passaic	Passaic

West Branch Susquehanna

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Lewisburg	18.00	2/24/1981	18.83	123,000	Minor	West Branch Susquehanna	West Branch Susquehanna River	Northumberland	Union
Milton	19.00	2/24/1981	20.40	-9,999	Minor	West Branch Susquehanna	West Branch Susquehanna River	Union	Northumberland
Montgomery	20.00	2/24/1981	20.00	-9,999	Minor	West Branch Susquehanna	West Branch Susquehanna River	Lycoming	Lycoming
Muncy	20.00	2/24/1981	20.00	-9,999	Minor	West Branch Susquehanna	West Branch Susquehanna River	Lycoming	Lycoming

Weather Summary

A low pressure system formed along the fronts associated with a Canadian low pressure system on February 20, 1981. The fronts and the secondary low produced heavy rains in excess of an inch across much of the Mid-Atlantic. This caused minor to moderate flooding across much of the region. Before all of the rivers dropped below flood stage, another low pressure system and its cold front swung down from Canada, producing at least another 1.00 inch of rainfall for the region. This led to additional flooding along rivers and streams across the Mid-Atlantic.

Crest Statistics and Flood Information

Fourth flood of 4 that occurred in Feb, 1981

Fourth flood of 6 that occurred in 1981

Number of Floods at MARFC Forecast Points - 21

Number of Floods Cresting in Minor Range - 19

Number of Floods Cresting in Moderate Range - 2

Number of Floods Cresting in Major Range - 0

Number of Floods Cresting in Missing Range - 0