

Flood Event of 12/13/1983 - 12/16/1983

Lehigh

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Walnutport	8.00	12/14/1983	9.16	25,400	Minor	Lehigh	Lehigh River	Northampton	Northampton

Lower Main Stem Susquehanna

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Camp Hill	7.00	12/14/1983	9.08	3,810	Moderate	Yellow Breeches	Yellow Breeches Creek	Cumberland	Cumberland
Harper Tavern	9.00	12/14/1983	11.19	9,940	Minor	Swatara	Swatara Creek	Lebanon	Lebanon
Harrisburg	17.00	12/15/1983	17.55	328,000	Minor	Susquehanna	Susquehanna River	Dauphin	Dauphin
Hershey	7.00	12/14/1983	7.69	9,970	Minor	Swatara	Swatara Creek	Dauphin	Dauphin
Hogestown	8.00	12/13/1983	8.69	-9,999	Minor	Conodoguinet	Conodoguinet Creek	Cumberland	Cumberland
Lancaster	11.00	12/13/1983	11.92	9,330	Minor	Conestoga	Conestoga River	Lancaster	Lancaster
Penns Creek	8.00	12/13/1983	8.08	5,830	Minor	Susquehanna	Penns Creek	Union	Snyder
Shermans Dale	9.00	12/13/1983	9.82	7,710	Minor	Main Stem Susquehanna	Sherman Creek	Perry	Perry

Main Stem Delaware

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Walton	9.50	12/14/1983	11.00	9,090	Minor	Delaware	West Branch Delaware River	Delaware	Delaware

North Branch Susquehanna

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Bainbridge	13.00	12/14/1983	17.80	-9,999	Minor	North Branch Susquehanna	North Branch Susquehanna River	Chenango	Chenango
Chenango Forks	10.00	12/14/1983	12.44	32,800	Minor	North Branch Susquehanna	Chenango River	Broome	Broome
Cincinnatus	9.00	12/14/1983	9.45	6,400	Minor	North Branch Susquehanna	Otselic River	Cortland	Cortland
Conklin	11.00	12/14/1983	17.17	44,700	Moderate	North Branch Susquehanna	North Branch Susquehanna River	Broome	Broome
Cortland	8.00	12/14/1983	10.49	7,810	Moderate	North Branch Susquehanna	Tioughnioga River	Cortland	Cortland
Greene	13.00	12/14/1983	15.78	14,500	Minor	North Branch Susquehanna	Chenango River	Chenango	Chenango
Rockdale	11.00	12/14/1983	11.60	13,400	Minor	North Branch Susquehanna	Unadilla River	Chenango	Chenango
Sherburne	8.00	12/14/1983	9.51	6,470	Moderate	North Branch Susquehanna	Chenango River	Chenango	Chenango
Vestal	18.00	12/14/1983	27.03	84,200	Major	North Branch Susquehanna	North Branch Susquehanna River	Broome	Broome
Waverly	11.00	12/14/1983	19.94	110,000	Moderate	North Branch Susquehanna	North Branch Susquehanna River	Tioga	Tioga

Passaic

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Boonton above Reservoir (Old Site)	5.00	12/14/1983	5.52	2,270	Minor	Passaic	Rockaway River	Morris	Morris
Chatham	6.00	12/14/1983	6.67	1,580	Minor	Passaic	Passaic River	Morris	Morris
Little Falls	7.00	12/15/1983	8.99	9,720	Moderate	Passaic	Passaic River	Passaic	Passaic
Lodi	5.00	12/13/1983	7.65	2,610	Moderate	Passaic	Saddle River	Bergen	Bergen

Mahwah	8.00	12/13/1983	10.28	5,540	Moderate	Passaic	Ramapo River	Bergen	Bergen
Millington	8.00	12/14/1983	8.23	1,140	Minor	Passaic	Passaic River	Somerset	Morris
Pine Brook	19.00	12/15/1983	20.61	6,450	Moderate	Passaic	Passaic River	Morris	Morris
Pompton Lakes	11.70	12/14/1983	13.15	6,770	Missing	Passaic	Ramapo River	Passaic	Passaic
Pompton Plains	16.00	12/14/1983	17.24	7,740	Minor	Passaic	Pompton River	Passaic	Morris

Potomac

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Frederick	15.00	12/14/1983	18.24	23,900	Moderate	Potomac	Monocacy River at Jug Bridge	Frederick	Frederick

Raritan

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Blackwells Mills	9.00	12/14/1983	12.30	7,460	Moderate	Raritan	Millstone River	Somerset	Somerset
Bound Brook	28.00	12/14/1983	29.62	21,800	Minor	Raritan	Raritan River below Calco Dam	Somerset	Somerset
Manville	14.00	12/14/1983	15.72	14,900	Minor	Raritan	Raritan River	Somerset	Somerset

Southeastern Pennsylvania

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Berne	12.00	12/14/1983	13.31	20,100	Minor	Schuylkill	Schuylkill River	Berks	Berks
Chadds Ford	9.00	12/13/1983	11.24	8,450	Moderate	Delaware	Brandywine Creek	Delaware	Delaware
Philadelphia	11.00	12/13/1983	11.06	45,500	Minor	Schuylkill	Schuylkill River	Philadelphia	Philadelphia

Pottstown	13.00	12/14/1983	15.10	32,400	Minor	Schuylkill	Schuylkill River	Montgomery	Montgomery
Reading	13.00	12/14/1983	16.09	28,100	Moderate	Schuylkill	Schuylkill River	Berks	Berks

Upper Main Stem Susquehanna

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Meshoppen	27.00	12/16/1983	33.39	185,000	Moderate	Main Stem Susquehanna	Susquehanna River	Wyoming	Wyoming
Monroeton	14.00	12/13/1983	15.72	24,900	Minor	Main Stem Susquehanna	Towanda Creek	Bradford	Bradford
Towanda	16.00	12/14/1983	22.40	154,000	Moderate	Main Stem Susquehanna	Susquehanna River	Bradford	Bradford
Tunkhannock	11.00	12/14/1983	12.40	18,400	Minor	Main Stem Susquehanna	Tunkhannock Creek	Wyoming	Wyoming
Wilkes-Barre	22.00	12/14/1983	29.76	192,000	Moderate	Main Stem Susquehanna	Susquehanna River	Luzerne	Luzerne

West Branch Susquehanna

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Loyalsockville	12.00	12/14/1983	12.18	29,700	Minor	West Branch Susquehanna	Loyalsock Creek	Lycoming	Lycoming

Weather Summary

A low pressure system developed over the Mississippi Valley and moved northeastward, bringing heavy precipitation to the Mid-Atlantic in mid-December. As the initial low moved into Canada on the 12th, a coastal low formed off of the Carolina coastline. Anywhere from 1.00 to 4.00 inches of rain fell as the secondary low marched up the coast, which resulted in widespread flooding across much of the region.

Crest Statistics and Flood Information

First flood of 1 that occurred in Dec, 1983

Eighth flood of 8 that occurred in 1983

Number of Floods at MARFC Forecast Points - 44

Number of Floods Cresting in Minor Range - 26

Number of Floods Cresting in Moderate Range - 16

Number of Floods Cresting in Major Range - 1

Number of Floods Cresting in Missing Range - 1