

Flood Event of 7/8/1947 - 7/8/1947

Lehigh

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Walnutport	8.00	7/8/1947	8.35	23,000	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
Harper Tavern	9.00	7/8/1947	10.57	9,190	Minor	Swatara	Swatara Creek	Lebanon	Lebanon

Weather Summary

A slow moving cold front on July 7-8, 1947 stalled over the mountains of northern PA, creating an upslope condition that forced warm, moist air Atlantic air to ascend over the shallow layer of cooler air. Surface waves running along the front triggered numerous thunderstorms with several spots picking up 5 inches in 24 hours with 7.83 inches recorded at Park Place, PA. From The Pennsylvania Weather Book by Ben Gelber.

Source: Gelber, Ben. The Pennsylvania Weather Book. New Brunswick, NJ: Rutgers UP, 2002. Print.

Crest Statistics and Flood Information

First flood of 1 that occurred in Jul, 1947

Eighth flood of 11 that occurred in 1947

Number of Floods at MARFC Forecast Points - 2

Number of Floods Cresting in Minor Range - 2

Number of Floods Cresting in Moderate Range - 0

Number of Floods Cresting in Major Range - 0

Number of Floods Cresting in Missing Range - 0