

Top10 Highest Historical Crests: Lehigh River at Lehighon, PA

Latitude: 40.829
Flood Stage: 10

Period of Record: 1902-Present
Last Flood: 3/11/2011

Longitude: -75.706
Number of Floods: 14

| Date of Flood | Crest (ft) | Streamflow (cfs) | Weather Summary |
|---------------|------------|------------------|--|
| 2/28/1902 | 20.8 | -9,999 | A series of snowstorms followed by heavy rains caused flooding on the Lehigh and Delaware Rivers as well as the most destructive flood on the Susquehanna in the Wyoming Valley since 1865. |
| 8/19/1955 | 20.3 | -9,999 | Hurricane Diane made landfall 5 days after Hurricane Connie. Hurricane Diane produced several inches of rain with locally heavier amounts of 10 to 20 inches. |
| 9/27/1985 | 18.22 | 25,500 | Hurricane Gloria made landfall over Long Island as a Category 2 storm. Gloria produced rainfall amounts of 1 to 5 inches in most of the Mid-Atlantic, with locally heavier amounts of almost 7 inches reported. |
| 7/10/1935 | 15.9 | -9,999 | 10 inches of rain fell at Cortland, NY in 48 hours. |
| 6/28/2006 | 13.5 | 25,500 | A stationary front and thunderstorms brought widespread, but locally heavy rainfall to the area. Total precipitation amounts ranged from 4-6 inches over the Lower Delaware to 9-11 inches over the headwaters of the James. |
| 3/11/2011 | 12.95 | 24,300 | Two successive rainstorms produce 1 to 4 inches followed by 1 to 5 inches. Some spots in NJ picked up over 8 inches. |
| 1/27/1996 | 12.55 | 22,900 | Several storms passed through the region and thoroughly soaked the ground. Thunderstorms produced an additional 2 inches of rainfall throughout most of the area and up to 15 inches of snowfall across part of New York. |
| 9/13/1987 | 12.16 | 22,100 | A slow-moving warm front produced 1 - 2 inches of rain in an already saturated area. |
| 5/23/1942 | 12.07 | -9,999 | Periods of heavy rain fell on May 20-23; as much as 5 to 7 inches of rain fell over some of the flood area on May 22 |

Drainage Area: 591 square miles
Gage Datum: 444.26 ft MSL

Data represent all historical events.
Lehigh Basin

County of Gage: Carbon
County of Forecast Point: Carbon

| Date of Flood | Crest (ft) | Streamflow (cfs) | Weather Summary |
|---------------|------------|------------------|---|
| 9/18/2004 | 12.01 | 21,200 | The remnants of Hurricane Ivan, combined with a cold front, produced an average rainfall amount of 2-4 inches in NY, 3-7 inches in PA, 1-3.5 inches in NJ and 2 inches in WV. |

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