

# Top10 Highest Historical Crests: Passaic River near Chatham, NJ

Latitude: 40.726

Period of Record: 1903-Present

Longitude: -74.39

Flood Stage: 6

Last Flood: 4/30/2014

Number of Floods: 82

| Date of Flood | Crest (ft) | Streamflow (cfs) | Weather Summary   |
|---------------|------------|------------------|---|
| 8/2/1973      | 9.36       | 3,380            | A cold front brought heavy rains throughout the states of Pennsylvania and New Jersey dropping amounts as high as 7.09 inches in Plainfield, NJ and 5.25 inches in Bound Brook, NJ.   |
| 1/9/1905      | 8.33       | 3,000            | The weather summary is unavailable at this time.  |
| 8/28/1971     | 8.16       | 2,540            | Tropical Storm Doria dumped 3 to 7 inches of rain across the region. Localized rainfall amounts of 8 to 10 inches were reported in the Tidewater area, Eastern NJ and Eastern PA.   |
| 9/27/1975     | 8.14       | 2,520            | The remnants of Hurricane Eloise combined with a cold front and produced very heavy rainfall in the Mid-Atlantic. Washington, D.C. reported 9.08" of rainfall. Total damage for Virginia was estimated to be \$17.2 million.                                  |
| 3/18/1907     | 8.03       | 2,860            | The weather summary is unavailable at this time.  |
| 3/15/2010     | 7.91       | 2,730            | A low pressure system dumped heavy rain across the region with totals ranging from 1 - 3 inches in most of the area and 3 - 7 inches in New Jersey. The rainfall, combined with the melting snowpack caused significant flooding throughout the Mid-Atlantic. |
| 5/29/1968     | 7.9        | 2,560            | Low pressure produced at least a couple inches of rainfall over New Jersey.   |
| 8/29/2011     | 7.76       | 2,620            | Hurricane Irene brought heavy rains and flooding 26-28 August 2011. Area averaged rainfall from gauge and radar data indicated a broad swath of 3 to 10 inches with over 13" at a couple of spots.  |
| 9/17/1999     | 7.6        | 2,210            | Hurricane Floyd produced heavy rainfall from Virginia to Long Island. Rainfall totals ranged from 12 inches in Delaware to 16.57 inches in Newport News, Virginia. Two dams burst in New Jersey and several flood records were broken in New Jersey.          |

Drainage Area: 100 square miles

Data represent all historical events.  
Passaic Basin

County of Gage: Morris  
County of Forecast Point: Morris

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| Date of Flood | Crest (ft) | Streamflow (cfs) | Weather Summary   |
|---------------|------------|------------------|---|
| 10/21/1996    | 7.49       | 2,080            | Frontal boundaries following a low pressure system produced a few inches of rainfall across the area, but dumped up to 8.50 inches in New Jersey. |

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Drainage Area: 100 square miles  
Gage Datum: 193.51 ft MSL

Data represent all historical events.  
Passaic Basin

County of Gage: Morris  
County of Forecast Point: Morris