

# Historical Floods: Delaware River at Montague, NJ

Latitude: 41.309

Period of Record: 1903-Present

Longitude: -74.796

Flood Stage: 25

Last Flood: 6/28/2006

Number of Floods: 8

| Date of Flood | Crest (ft) | Streamflow (cfs) | Category | Code  | Date of Flood | Crest (ft) | Streamflow (cfs) | Category | Code |
|---------------|------------|------------------|----------|-------|---------------|------------|------------------|----------|------|
| 10/10/1903    | 31.1       | 217,000          | Moderate | C1 F1 |               |            |                  |          |      |
| 3/18/1936     | 28.45      | 164,500          | Moderate | C1    |               |            |                  |          |      |
| 5/23/1942     | 25.7       | 136,500          | Minor    | none  |               |            |                  |          |      |
| 8/19/1955     | 35.15      | 250,000          | Major    | F2    |               |            |                  |          |      |
| 1/20/1996     | 26.66      | 149,000          | Minor    | F2    |               |            |                  |          |      |
| 9/18/2004     | 28.37      | 168,000          | Moderate | F2    |               |            |                  |          |      |
| 4/3/2005      | 31.69      | 206,000          | Moderate | F2    |               |            |                  |          |      |
| 6/28/2006     | 32.15      | 212,000          | Moderate | F2    |               |            |                  |          |      |

Drainage Area: 3480 square miles

Gage Datum: 369.93 ft MSL

Data represent all historical events.  
Main Stem Delaware Basin

County of Gage: Pike  
County of Forecast Point: Sussex

| Date of Flood | Crest (ft)                                                                                                                                                                 | Streamflow (cfs) | Category | Code | Date of Flood | Crest (ft) | Streamflow (cfs) | Category | Code |
|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|----------|------|---------------|------------|------------------|----------|------|
| Code          | Description                                                                                                                                                                |                  |          |      |               |            |                  |          |      |
| C1            | Crest information looks unreliable and incomplete and not used in frequency calculations. Some of the floods are based on current flood stage and nearby gage information. |                  |          |      |               |            |                  |          |      |
| C2            | Crest information looks reliable despite potential problems. This data was used in frequency calculations.                                                                 |                  |          |      |               |            |                  |          |      |
| C3            | Crest height estimated by the USGS.                                                                                                                                        |                  |          |      |               |            |                  |          |      |
| C4            | Crest height is from the National Weather Service.                                                                                                                         |                  |          |      |               |            |                  |          |      |
| C5            | Crest height affected by backwater.                                                                                                                                        |                  |          |      |               |            |                  |          |      |
| C6            | Crest occurred at a previous flood stage that is lower than the current flood stage. The crests below the new flood stage are not used in flood frequency calculations.    |                  |          |      |               |            |                  |          |      |
| C7            | Crest from USGS yearly peak and/or date is different than the crest we provide. In many cases MARFC uses crest based on backwater or ice effects.                          |                  |          |      |               |            |                  |          |      |
| C8            | Crest month or day of occurrence has been estimated by The Middle Atlantic River Forecast Center usually based on nearby gage information.                                 |                  |          |      |               |            |                  |          |      |
| C9            | Crest date (day) in the month is unknown.                                                                                                                                  |                  |          |      |               |            |                  |          |      |
| F1            | Flow is an estimate.                                                                                                                                                       |                  |          |      |               |            |                  |          |      |
| F2            | Flow affected by regulation or diversion and in some cases to an unknown degree.                                                                                           |                  |          |      |               |            |                  |          |      |
| F3            | Flow effected by snow-melt, ice jam or debris jam break up.                                                                                                                |                  |          |      |               |            |                  |          |      |
| F4            | Flow affected by dam failure.                                                                                                                                              |                  |          |      |               |            |                  |          |      |
| F5            | Flow - All or part of the record affected by urbanization, mining, agricultural changes, channelization or other factors.                                                  |                  |          |      |               |            |                  |          |      |
| G1            | Gage height at a different site and/or datum.                                                                                                                              |                  |          |      |               |            |                  |          |      |
| G2            | Gage is not an official USGS gage with crests provided by the NWS. Crest information looks unreliable and incomplete and not used in flood frequency calculations.         |                  |          |      |               |            |                  |          |      |
| G3            | Gage datum changed during this year.                                                                                                                                       |                  |          |      |               |            |                  |          |      |
| none          | No code; Good Data                                                                                                                                                         |                  |          |      |               |            |                  |          |      |