

Historical Floods: Schuylkill River at Reading, PA

Latitude: 40.335
Flood Stage: 15.5

Period of Record: 1869-Present
Last Flood: 9/8/2011

Longitude: -75.937
Number of Floods: 18

| Date of Flood | Crest (ft) | Streamflow (cfs) | Category | Code | Date of Flood | Crest (ft) | Streamflow (cfs) | Category | Code |
|---------------|------------|------------------|----------|-------|---------------|------------|------------------|----------|------|
| 10/4/1869 | -9999 | 71,200 | Missing | C1 | | | | | |
| 6/23/1972 | 31.3 | 90,000 | Major | C1 C4 | | | | | |
| 1/26/1978 | 13.51 | 25,800 | Minor | C1 | | | | | |
| 1/25/1979 | 17.36 | 37,500 | Moderate | C1 F2 | | | | | |
| 2/26/1979 | 13.43 | 25,600 | Minor | C1 F2 | | | | | |
| 4/16/1983 | 17.5 | 33,100 | Moderate | C1 F2 | | | | | |
| 12/14/1983 | 16.09 | 28,100 | Moderate | C1 F2 | | | | | |
| 9/27/1985 | 16.09 | 8,100 | Moderate | C1 F2 | | | | | |
| 5/19/1988 | 13.64 | 21,700 | Minor | C1 F2 | | | | | |
| 5/6/1989 | 15.1 | 26,000 | Minor | C1 F2 | | | | | |
| 11/28/1993 | 15.4 | 26,900 | Minor | C1 F2 | | | | | |
| 1/20/1996 | 15.85 | 28,600 | Minor | C1 F2 | | | | | |
| 10/19/1996 | 15.83 | 28,500 | Minor | C1 F2 | | | | | |
| 9/17/1999 | 14.95 | 26,100 | Minor | C1 F2 | | | | | |
| 9/18/2004 | 16.24 | 29,700 | Moderate | C1 F2 | | | | | |
| 6/28/2006 | 23.75 | 55,100 | Major | C1 F2 | | | | | |
| 3/11/2011 | 15.01 | 26,200 | Minor | C1 F2 | | | | | |
| 9/8/2011 | 20.41 | 42,900 | Moderate | F2 | | | | | |

Drainage Area: 880 square miles
Gage Datum: 185.5 ft MSL

Data represent all historical events.
Schuylkill Basin

County of Gage: Berks
County of Forecast Point: Berks

| 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 | | | | | | | | |