

Historical Floods: Susquehanna River at Sunbury, PA

Latitude: 40.834

Period of Record: 1936-Present

Longitude: -76.827

Flood Stage: 24

Last Flood: 9/8/2011

Number of Floods: 14

| Date of Flood | Crest (ft) | Streamflow (cfs) | Category | Code | Date of Flood | Crest (ft) | Streamflow (cfs) | Category | Code |
|---------------|------------|------------------|----------|-------|---------------|------------|------------------|----------|------|
| 3/19/1936 | 26.85 | 556,000 | Moderate | C1 G1 | | | | | |
| 6/24/1972 | 35.8 | 620,000 | Major | F2 | | | | | |
| 9/27/1975 | 30.62 | 439,000 | Moderate | F2 | | | | | |
| 3/7/1979 | 27.52 | 347,000 | Moderate | F2 | | | | | |
| 2/16/1984 | 26.96 | 332,000 | Moderate | F2 | | | | | |
| 3/16/1986 | 24.9 | 281,000 | Minor | F2 | | | | | |
| 4/2/1993 | 27 | 333,000 | Moderate | F2 | | | | | |
| 1/20/1996 | 30.32 | 424,000 | Moderate | F2 | | | | | |
| 9/19/2004 | 30.44 | 427,000 | Moderate | F2 | | | | | |
| 4/4/2005 | 26.15 | 312,000 | Moderate | F2 | | | | | |
| 6/28/2006 | 26.89 | 330,000 | Moderate | F2 | | | | | |
| 3/12/2011 | 26.01 | 308,000 | Moderate | F2 | | | | | |
| 4/29/2011 | 25.57 | 297,000 | Minor | F2 | | | | | |
| 9/8/2011 | 31.66 | 463,000 | Moderate | F2 | | | | | |

Drainage Area: 18300 square miles

Gage Datum: 408.61 ft MSL

Data represent all historical events.
Main Stem Susquehanna Basin

County of Gage: Snyder
County of Forecast Point: Northumberland

| 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 | | | | | | | | |