

## Flood Crest Occurences by One Foot Intervals: Susquehanna River at Wilkes-Barre

Latitude: 41.253  
Flood Stage: 22

Period of Record: 1786-Present  
Last Flood: 9/9/2011

Longitude: -75.879  
Number of Floods: 94

| Flood Crest-Height above Flood Stage | Total Flood Crest Occurence |
|--------------------------------------|-----------------------------|
| 22 ft to 22.99 ft                    | 24                          |
| 23 ft to 23.99 ft                    | 16                          |
| 24 ft to 24.99 ft                    | 7                           |
| 25 ft to 25.99 ft                    | 4                           |
| 26 ft to 26.99 ft                    | 10                          |
| 27 ft to 27.99 ft                    | 5                           |
| 28 ft to 28.99 ft                    | 7                           |
| 29 ft to 29.99 ft                    | 6                           |
| 30 ft to 30.99 ft                    | 3                           |
| 31 ft to 31.99 ft                    | 3                           |

| Flood Crest-Height above Flood Stage | Total Flood Crest Occurence |
|--------------------------------------|-----------------------------|
| 32 ft to 32.99 ft                    | 1                           |
| 33 ft to 33.99 ft                    | 2                           |
| 34 ft to 34.99 ft                    | 3                           |
| 35 ft to 35.99 ft                    | 1                           |
| 36 ft to 36.99 ft                    | 0                           |
| 37 ft to 37.99 ft                    | 0                           |
| 38 ft to 38.99 ft                    | 0                           |
| 39 ft to 39.99 ft                    | 0                           |
| 40 ft to 40.99 ft                    | 1                           |
| 41 ft to 41.99 ft                    | 0                           |

| Flood Crest-Height above Flood Stage | Total Flood Crest Occurence |
|--------------------------------------|-----------------------------|
| 42 ft to 42.99 ft                    | 1                           |
| 43 ft to 43.99 ft                    | 0                           |
| 44 ft to 44.99 ft                    | 0                           |
| 45 ft to 45.99 ft                    | 0                           |
| 46 ft to 46.99 ft                    | 0                           |
| 47 ft to 47.99 ft                    | 0                           |
| 48 ft to 48.99 ft                    | 0                           |
| 49 ft to 49.99 ft                    | 0                           |
| 50 ft to 50.99 ft                    | 0                           |
| 51 ft to 51.99 ft                    | 0                           |

Drainage Area: 9960 sq mi  
Gage Datum: 510.86 ft MSL

Data represents all historical floods.  
Main Stem Susquehanna Basin

County of Gage: Luzerne  
County of Forecast Point: Luzerne

## Flood Crest Occurences by One Foot Intervals: Susquehanna River at Wilkes-Barre

Latitude: 41.253

Period of Record: 1786-Present

Longitude: -75.879

Flood Stage: 22

Last Flood: 9/9/2011

Number of Floods: 94

| Flood Crest-Height above Flood Stage | Total Flood Crest Occurrence | Percent of Flood Crest Occurrence |
|--------------------------------------|------------------------------|-----------------------------------|
| 22 ft to 22.99 ft                    | 24                           | 25.5                              |
| 23 ft to 23.99 ft                    | 16                           | 17                                |
| 24 ft to 24.99 ft                    | 7                            | 7.4                               |
| 25 ft to 25.99 ft                    | 4                            | 4.3                               |
| 26 ft to 26.99 ft                    | 10                           | 10.6                              |
| 27 ft to 27.99 ft                    | 5                            | 5.3                               |
| 28 ft to 28.99 ft                    | 7                            | 7.4                               |
| 29 ft to 29.99 ft                    | 6                            | 6.4                               |
| 30 ft to 30.99 ft                    | 3                            | 3.2                               |
| 31 ft to 31.99 ft                    | 3                            | 3.2                               |
| 32 ft to 32.99 ft                    | 1                            | 1.1                               |
| 33 ft to 33.99 ft                    | 2                            | 2.1                               |
| 34 ft to 34.99 ft                    | 3                            | 3.2                               |
| 35 ft to 35.99 ft                    | 1                            | 1.1                               |
| 36 ft to 36.99 ft                    | 0                            | 0                                 |

| Flood Crest-Height above Flood Stage | Total Flood Crest Occurrence | Percent of Flood Crest Occurrence |
|--------------------------------------|------------------------------|-----------------------------------|
| 37 ft to 37.99 ft                    | 0                            | 0                                 |
| 38 ft to 38.99 ft                    | 0                            | 0                                 |
| 39 ft to 39.99 ft                    | 0                            | 0                                 |
| 40 ft to 40.99 ft                    | 1                            | 1.1                               |
| 41 ft to 41.99 ft                    | 0                            | 0                                 |
| 42 ft to 42.99 ft                    | 1                            | 1.1                               |
| 43 ft to 43.99 ft                    | 0                            | 0                                 |
| 44 ft to 44.99 ft                    | 0                            | 0                                 |
| 45 ft to 45.99 ft                    | 0                            | 0                                 |
| 46 ft to 46.99 ft                    | 0                            | 0                                 |
| 47 ft to 47.99 ft                    | 0                            | 0                                 |
| 48 ft to 48.99 ft                    | 0                            | 0                                 |
| 49 ft to 49.99 ft                    | 0                            | 0                                 |
| 50 ft to 50.99 ft                    | 0                            | 0                                 |
| 51 ft to 51.99 ft                    | 0                            | 0                                 |

Drainage Area: 9960 sq mi  
Gage Datum: 510.86 ft MSL

Data represents all historical floods.  
Main Stem Susquehanna Basin

County of Gage: Luzerne  
County of Forecast Point: Luzerne

## Flood Crest Occurences by One Foot Intervals: Susquehanna River at Wilkes-Barre

Latitude: 41.253

Period of Record: 1786-Present

Longitude: -75.879

Flood Stage: 22

Last Flood: 9/9/2011

Number of Floods: 94

| Flood Crest-Height above Flood Stage | Cumulative Total Flood Occurence | Cumulative Percent of Flood Occurence |
|--------------------------------------|----------------------------------|---------------------------------------|
| 22 ft to 22.99 ft                    | 94                               | 100                                   |
| 23 ft to 23.99 ft                    | 70                               | 74.5                                  |
| 24 ft to 24.99 ft                    | 54                               | 57.5                                  |
| 25 ft to 25.99 ft                    | 47                               | 50.1                                  |
| 26 ft to 26.99 ft                    | 43                               | 45.8                                  |
| 27 ft to 27.99 ft                    | 33                               | 35.2                                  |
| 28 ft to 28.99 ft                    | 28                               | 29.9                                  |
| 29 ft to 29.99 ft                    | 21                               | 22.5                                  |
| 30 ft to 30.99 ft                    | 15                               | 16.1                                  |
| 31 ft to 31.99 ft                    | 12                               | 12.9                                  |
| 32 ft to 32.99 ft                    | 9                                | 9.7                                   |
| 33 ft to 33.99 ft                    | 8                                | 8.6                                   |
| 34 ft to 34.99 ft                    | 6                                | 6.5                                   |
| 35 ft to 35.99 ft                    | 3                                | 3.3                                   |
| 36 ft to 36.99 ft                    | 2                                | 2.2                                   |

| Flood Crest-Height above Flood Stage | CumulativeTotal Flood Occurence | Cumulative Percent of Flood Occurence |
|--------------------------------------|---------------------------------|---------------------------------------|
| 37 ft to 37.99 ft                    | 2                               | 2.2                                   |
| 38 ft to 38.99 ft                    | 2                               | 2.2                                   |
| 39 ft to 39.99 ft                    | 2                               | 2.2                                   |
| 40 ft to 40.99 ft                    | 2                               | 2.2                                   |
| 41 ft to 41.99 ft                    | 1                               | 1.1                                   |
| 42 ft to 42.99 ft                    | 1                               | 1.1                                   |
| 43 ft to 43.99 ft                    | 0                               | 0                                     |
| 44 ft to 44.99 ft                    | 0                               | 0                                     |
| 45 ft to 45.99 ft                    | 0                               | 0                                     |
| 46 ft to 46.99 ft                    | 0                               | 0                                     |
| 47 ft to 47.99 ft                    | 0                               | 0                                     |
| 48 ft to 48.99 ft                    | 0                               | 0                                     |
| 49 ft to 49.99 ft                    | 0                               | 0                                     |
| 50 ft to 50.99 ft                    | 0                               | 0                                     |
| 51 ft to 51.99 ft                    | 0                               | 0                                     |

Drainage Area: 9960 sq mi  
Gage Datum: 510.86 ft MSL

Data represents all historical floods.  
Main Stem Susquehanna Basin

County of Gage: Luzerne  
County of Forecast Point: Luzerne