

Flood Crest Occurences by One Foot Intervals: Tioughnioga River at Cortland

Latitude: 42.603
Flood Stage: 8

Period of Record: 1939-Present
Last Flood: 4/14/2015

Longitude: -76.16
Number of Floods: 115

| Flood Crest-Height above Flood Stage | Total Flood Crest Occurence |
|--------------------------------------|-----------------------------|
| 8 ft to 8.99 ft | 31 |
| 9 ft to 9.99 ft | 28 |
| 10 ft to 10.99 ft | 20 |
| 11 ft to 11.99 ft | 15 |
| 12 ft to 12.99 ft | 13 |
| 13 ft to 13.99 ft | 7 |
| 14 ft to 14.99 ft | 1 |
| 15 ft to 15.99 ft | 0 |
| 16 ft to 16.99 ft | 0 |
| 17 ft to 17.99 ft | 0 |

| Flood Crest-Height above Flood Stage | Total Flood Crest Occurence |
|--------------------------------------|-----------------------------|
| 18 ft to 18.99 ft | 0 |
| 19 ft to 19.99 ft | 0 |
| 20 ft to 20.99 ft | 0 |
| 21 ft to 21.99 ft | 0 |
| 22 ft to 22.99 ft | 0 |
| 23 ft to 23.99 ft | 0 |
| 24 ft to 24.99 ft | 0 |
| 25 ft to 25.99 ft | 0 |
| 26 ft to 26.99 ft | 0 |
| 27 ft to 27.99 ft | 0 |

| Flood Crest-Height above Flood Stage | Total Flood Crest Occurence |
|--------------------------------------|-----------------------------|
| 28 ft to 28.99 ft | 0 |
| 29 ft to 29.99 ft | 0 |
| 30 ft to 30.99 ft | 0 |
| 31 ft to 31.99 ft | 0 |
| 32 ft to 32.99 ft | 0 |
| 33 ft to 33.99 ft | 0 |
| 34 ft to 34.99 ft | 0 |
| 35 ft to 35.99 ft | 0 |
| 36 ft to 36.99 ft | 0 |
| 37 ft to 37.99 ft | 0 |

Drainage Area: 292 sq mi
Gage Datum: 1084.92 ft MSL

Data represents all historical floods.
North Branch Susquehanna Basin

County of Gage: Cortland
County of Forecast Point: Cortland

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| Flood Crest-Height above Flood Stage | Total Flood Crest Occurence | Percent of Flood Crest Occurrence |
|--------------------------------------|-----------------------------|-----------------------------------|
| 8 ft to 8.99 ft | 31 | 27 |
| 9 ft to 9.99 ft | 28 | 24.3 |
| 10 ft to 10.99 ft | 20 | 17.4 |
| 11 ft to 11.99 ft | 15 | 13 |
| 12 ft to 12.99 ft | 13 | 11.3 |
| 13 ft to 13.99 ft | 7 | 6.1 |
| 14 ft to 14.99 ft | 1 | 0.9 |
| 15 ft to 15.99 ft | 0 | 0 |
| 16 ft to 16.99 ft | 0 | 0 |
| 17 ft to 17.99 ft | 0 | 0 |
| 18 ft to 18.99 ft | 0 | 0 |
| 19 ft to 19.99 ft | 0 | 0 |
| 20 ft to 20.99 ft | 0 | 0 |
| 21 ft to 21.99 ft | 0 | 0 |
| 22 ft to 22.99 ft | 0 | 0 |

| Flood Crest-Height above Flood Stage | Total Flood Crest Occurence | Percent of Flood Crest Occurrence |
|--------------------------------------|-----------------------------|-----------------------------------|
| 23 ft to 23.99 ft | 0 | 0 |
| 24 ft to 24.99 ft | 0 | 0 |
| 25 ft to 25.99 ft | 0 | 0 |
| 26 ft to 26.99 ft | 0 | 0 |
| 27 ft to 27.99 ft | 0 | 0 |
| 28 ft to 28.99 ft | 0 | 0 |
| 29 ft to 29.99 ft | 0 | 0 |
| 30 ft to 30.99 ft | 0 | 0 |
| 31 ft to 31.99 ft | 0 | 0 |
| 32 ft to 32.99 ft | 0 | 0 |
| 33 ft to 33.99 ft | 0 | 0 |
| 34 ft to 34.99 ft | 0 | 0 |
| 35 ft to 35.99 ft | 0 | 0 |
| 36 ft to 36.99 ft | 0 | 0 |
| 37 ft to 37.99 ft | 0 | 0 |

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| Flood Crest-Height above Flood Stage | Cumulative Total Flood Occurence | Cumulative Percent of Flood Occurence |
|--------------------------------------|----------------------------------|---------------------------------------|
| 8 ft to 8.99 ft | 115 | 100 |
| 9 ft to 9.99 ft | 84 | 73 |
| 10 ft to 10.99 ft | 56 | 48.7 |
| 11 ft to 11.99 ft | 36 | 31.3 |
| 12 ft to 12.99 ft | 21 | 18.3 |
| 13 ft to 13.99 ft | 8 | 7 |
| 14 ft to 14.99 ft | 1 | 0.9 |
| 15 ft to 15.99 ft | 0 | 0 |
| 16 ft to 16.99 ft | 0 | 0 |
| 17 ft to 17.99 ft | 0 | 0 |
| 18 ft to 18.99 ft | 0 | 0 |
| 19 ft to 19.99 ft | 0 | 0 |
| 20 ft to 20.99 ft | 0 | 0 |
| 21 ft to 21.99 ft | 0 | 0 |
| 22 ft to 22.99 ft | 0 | 0 |

| Flood Crest-Height above Flood Stage | CumulativeTotal Flood Occurence | Cumulative Percent of Flood Occurence |
|--------------------------------------|---------------------------------|---------------------------------------|
| 23 ft to 23.99 ft | 0 | 0 |
| 24 ft to 24.99 ft | 0 | 0 |
| 25 ft to 25.99 ft | 0 | 0 |
| 26 ft to 26.99 ft | 0 | 0 |
| 27 ft to 27.99 ft | 0 | 0 |
| 28 ft to 28.99 ft | 0 | 0 |
| 29 ft to 29.99 ft | 0 | 0 |
| 30 ft to 30.99 ft | 0 | 0 |
| 31 ft to 31.99 ft | 0 | 0 |
| 32 ft to 32.99 ft | 0 | 0 |
| 33 ft to 33.99 ft | 0 | 0 |
| 34 ft to 34.99 ft | 0 | 0 |
| 35 ft to 35.99 ft | 0 | 0 |
| 36 ft to 36.99 ft | 0 | 0 |
| 37 ft to 37.99 ft | 0 | 0 |

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