

Flood Crest Occurences by One Foot Intervals: South Fork Shenandoah River near Luray

Latitude: 38.646
Flood Stage: 14

Period of Record: 1896-Present
Last Flood: 4/17/2011

Longitude: -78.535
Number of Floods: 22

Flood Crest-Height above Flood Stage	Total Flood Crest Occurence
14 ft to 14.99 ft	0
15 ft to 15.99 ft	4
16 ft to 16.99 ft	4
17 ft to 17.99 ft	4
18 ft to 18.99 ft	2
19 ft to 19.99 ft	1
20 ft to 20.99 ft	1
21 ft to 21.99 ft	0
22 ft to 22.99 ft	1
23 ft to 23.99 ft	1

Flood Crest-Height above Flood Stage	Total Flood Crest Occurence
24 ft to 24.99 ft	0
25 ft to 25.99 ft	2
26 ft to 26.99 ft	2
27 ft to 27.99 ft	0
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

Flood Crest-Height above Flood Stage	Total Flood Crest Occurence
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
38 ft to 38.99 ft	0
39 ft to 39.99 ft	0
40 ft to 40.99 ft	0
41 ft to 41.99 ft	0
42 ft to 42.99 ft	0
43 ft to 43.99 ft	0

Drainage Area: 1372 sq mi
Gage Datum: 721.76 ft MSL

Data represents all historical floods.
Shenandoah Basin

County of Gage: Page
County of Forecast Point: Page

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Flood Crest-Height above Flood Stage	Total Flood Crest Occurrence	Percent of Flood Crest Occurrence
14 ft to 14.99 ft	0	0
15 ft to 15.99 ft	4	18.2
16 ft to 16.99 ft	4	18.2
17 ft to 17.99 ft	4	18.2
18 ft to 18.99 ft	2	9.1
19 ft to 19.99 ft	1	4.5
20 ft to 20.99 ft	1	4.5
21 ft to 21.99 ft	0	0
22 ft to 22.99 ft	1	4.5
23 ft to 23.99 ft	1	4.5
24 ft to 24.99 ft	0	0
25 ft to 25.99 ft	2	9.1
26 ft to 26.99 ft	2	9.1
27 ft to 27.99 ft	0	0
28 ft to 28.99 ft	0	0

Flood Crest-Height above Flood Stage	Total Flood Crest Occurrence	Percent of Flood Crest Occurrence
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
38 ft to 38.99 ft	0	0
39 ft to 39.99 ft	0	0
40 ft to 40.99 ft	0	0
41 ft to 41.99 ft	0	0
42 ft to 42.99 ft	0	0
43 ft to 43.99 ft	0	0

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Flood Crest-Height above Flood Stage	Cumulative Total Flood Occurence	Cumulative Percent of Flood Occurence
14 ft to 14.99 ft	22	100
15 ft to 15.99 ft	22	99.9
16 ft to 16.99 ft	18	81.7
17 ft to 17.99 ft	14	63.5
18 ft to 18.99 ft	10	45.3
19 ft to 19.99 ft	8	36.2
20 ft to 20.99 ft	7	31.7
21 ft to 21.99 ft	6	27.2
22 ft to 22.99 ft	6	27.2
23 ft to 23.99 ft	5	22.7
24 ft to 24.99 ft	4	18.2
25 ft to 25.99 ft	4	18.2
26 ft to 26.99 ft	2	9.1
27 ft to 27.99 ft	0	0
28 ft to 28.99 ft	0	0

Flood Crest-Height above Flood Stage	CumulativeTotal Flood Occurence	Cumulative Percent of Flood Occurence
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
38 ft to 38.99 ft	0	0
39 ft to 39.99 ft	0	0
40 ft to 40.99 ft	0	0
41 ft to 41.99 ft	0	0
42 ft to 42.99 ft	0	0
43 ft to 43.99 ft	0	0

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