

Flood Crest Occurences by One Foot Intervals: Shenandoah River at Cootes Store

Latitude: 38.637
Flood Stage: 15

Period of Record: 1877-Present
Last Flood: 4/16/2011

Longitude: -78.853
Number of Floods: 23

Flood Crest-Height above Flood Stage	Total Flood Crest Occurence
15 ft to 15.99 ft	6
16 ft to 16.99 ft	6
17 ft to 17.99 ft	2
18 ft to 18.99 ft	1
19 ft to 19.99 ft	3
20 ft to 20.99 ft	1
21 ft to 21.99 ft	0
22 ft to 22.99 ft	0
23 ft to 23.99 ft	1
24 ft to 24.99 ft	0

Flood Crest-Height above Flood Stage	Total Flood Crest Occurence
25 ft to 25.99 ft	2
26 ft to 26.99 ft	0
27 ft to 27.99 ft	1
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

Flood Crest-Height above Flood Stage	Total Flood Crest Occurence
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
44 ft to 44.99 ft	0

Drainage Area: 210 sq mi
Gage Datum: 1051.8 ft MSL

Data represents all historical floods.
Shenandoah Basin

County of Gage: Rockingham
County of Forecast Point: Rockingham

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Flood Crest-Height above Flood Stage	Total Flood Crest Occurence	Percent of Flood Crest Occurrence
15 ft to 15.99 ft	6	26.1
16 ft to 16.99 ft	6	26.1
17 ft to 17.99 ft	2	8.7
18 ft to 18.99 ft	1	4.3
19 ft to 19.99 ft	3	13
20 ft to 20.99 ft	1	4.3
21 ft to 21.99 ft	0	0
22 ft to 22.99 ft	0	0
23 ft to 23.99 ft	1	4.3
24 ft to 24.99 ft	0	0
25 ft to 25.99 ft	2	8.7
26 ft to 26.99 ft	0	0
27 ft to 27.99 ft	1	4.3
28 ft to 28.99 ft	0	0
29 ft to 29.99 ft	0	0

Flood Crest-Height above Flood Stage	Total Flood Crest Occurence	Percent of Flood Crest Occurrence
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
44 ft to 44.99 ft	0	0

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Last Flood: 4/16/2011

Number of Floods: 23

Flood Crest-Height above Flood Stage	Cumulative Total Flood Occurence	Cumulative Percent of Flood Occurence
15 ft to 15.99 ft	23	100
16 ft to 16.99 ft	17	73.7
17 ft to 17.99 ft	11	47.6
18 ft to 18.99 ft	9	38.9
19 ft to 19.99 ft	8	34.6
20 ft to 20.99 ft	5	21.6
21 ft to 21.99 ft	4	17.3
22 ft to 22.99 ft	4	17.3
23 ft to 23.99 ft	4	17.3
24 ft to 24.99 ft	3	13
25 ft to 25.99 ft	3	13
26 ft to 26.99 ft	1	4.3
27 ft to 27.99 ft	1	4.3
28 ft to 28.99 ft	0	0
29 ft to 29.99 ft	0	0

Flood Crest-Height above Flood Stage	CumulativeTotal Flood Occurence	Cumulative Percent of Flood Occurence
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
44 ft to 44.99 ft	0	0

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