

Flood Crest Occurences by One Foot Intervals: Rapidan River near Culpeper

Latitude: 38.35
Flood Stage: 13

Period of Record: 1930-Present
Last Flood: 5/16/2014

Longitude: -77.975
Number of Floods: 57

Flood Crest-Height above Flood Stage	Total Flood Crest Occurence
13 ft to 13.99 ft	1
14 ft to 14.99 ft	14
15 ft to 15.99 ft	13
16 ft to 16.99 ft	2
17 ft to 17.99 ft	10
18 ft to 18.99 ft	6
19 ft to 19.99 ft	3
20 ft to 20.99 ft	0
21 ft to 21.99 ft	0
22 ft to 22.99 ft	1

Flood Crest-Height above Flood Stage	Total Flood Crest Occurence
23 ft to 23.99 ft	0
24 ft to 24.99 ft	1
25 ft to 25.99 ft	0
26 ft to 26.99 ft	1
27 ft to 27.99 ft	1
28 ft to 28.99 ft	1
29 ft to 29.99 ft	1
30 ft to 30.99 ft	2
31 ft to 31.99 ft	0
32 ft to 32.99 ft	0

Flood Crest-Height above Flood Stage	Total Flood Crest Occurence
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
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

Drainage Area: 468 sq mi
Gage Datum: 241.36 ft MSL

Data represents all historical floods.
Rappahannock Basin

County of Gage: Culpeper
County of Forecast Point: Culpeper

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Flood Crest-Height above Flood Stage	Total Flood Crest Occurrence	Percent of Flood Crest Occurrence
13 ft to 13.99 ft	1	1.8
14 ft to 14.99 ft	14	24.6
15 ft to 15.99 ft	13	22.8
16 ft to 16.99 ft	2	3.5
17 ft to 17.99 ft	10	17.5
18 ft to 18.99 ft	6	10.5
19 ft to 19.99 ft	3	5.3
20 ft to 20.99 ft	0	0
21 ft to 21.99 ft	0	0
22 ft to 22.99 ft	1	1.8
23 ft to 23.99 ft	0	0
24 ft to 24.99 ft	1	1.8
25 ft to 25.99 ft	0	0
26 ft to 26.99 ft	1	1.8
27 ft to 27.99 ft	1	1.8

Flood Crest-Height above Flood Stage	Total Flood Crest Occurrence	Percent of Flood Crest Occurrence
28 ft to 28.99 ft	1	1.8
29 ft to 29.99 ft	1	1.8
30 ft to 30.99 ft	2	3.5
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

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Flood Crest-Height above Flood Stage	Cumulative Total Flood Occurence	Cumulative Percent of Flood Occurence
13 ft to 13.99 ft	57	100
14 ft to 14.99 ft	56	98.5
15 ft to 15.99 ft	42	73.9
16 ft to 16.99 ft	29	51.1
17 ft to 17.99 ft	27	47.6
18 ft to 18.99 ft	17	30.1
19 ft to 19.99 ft	11	19.6
20 ft to 20.99 ft	8	14.3
21 ft to 21.99 ft	8	14.3
22 ft to 22.99 ft	8	14.3
23 ft to 23.99 ft	7	12.5
24 ft to 24.99 ft	7	12.5
25 ft to 25.99 ft	6	10.7
26 ft to 26.99 ft	6	10.7
27 ft to 27.99 ft	5	8.9

Flood Crest-Height above Flood Stage	CumulativeTotal Flood Occurence	Cumulative Percent of Flood Occurence
28 ft to 28.99 ft	4	7.1
29 ft to 29.99 ft	3	5.3
30 ft to 30.99 ft	2	3.5
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

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