

Flood Crest Occurences by One Foot Intervals: Rivanna River at Palmyra

Latitude: 37.858
Flood Stage: 17

Period of Record: 1934-Present
Last Flood: 4/20/2015

Longitude: -78.266
Number of Floods: 116

Flood Crest-Height above Flood Stage	Total Flood Crest Occurence
17 ft to 17.99 ft	15
18 ft to 18.99 ft	19
19 ft to 19.99 ft	17
20 ft to 20.99 ft	10
21 ft to 21.99 ft	14
22 ft to 22.99 ft	5
23 ft to 23.99 ft	11
24 ft to 24.99 ft	5
25 ft to 25.99 ft	4
26 ft to 26.99 ft	7

Flood Crest-Height above Flood Stage	Total Flood Crest Occurence
27 ft to 27.99 ft	0
28 ft to 28.99 ft	0
29 ft to 29.99 ft	2
30 ft to 30.99 ft	1
31 ft to 31.99 ft	2
32 ft to 32.99 ft	0
33 ft to 33.99 ft	1
34 ft to 34.99 ft	0
35 ft to 35.99 ft	0
36 ft to 36.99 ft	1

Flood Crest-Height above Flood Stage	Total Flood Crest Occurence
37 ft to 37.99 ft	1
38 ft to 38.99 ft	0
39 ft to 39.99 ft	1
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
45 ft to 45.99 ft	0
46 ft to 46.99 ft	0

Drainage Area: 663 sq mi
Gage Datum: 210.39 ft MSL

Data represents all historical floods.
James Basin

County of Gage: Fluvanna
County of Forecast Point: Fluvanna

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Flood Crest-Height above Flood Stage	Total Flood Crest Occurrence	Percent of Flood Crest Occurrence
17 ft to 17.99 ft	15	12.9
18 ft to 18.99 ft	19	16.4
19 ft to 19.99 ft	17	14.7
20 ft to 20.99 ft	10	8.6
21 ft to 21.99 ft	14	12.1
22 ft to 22.99 ft	5	4.3
23 ft to 23.99 ft	11	9.5
24 ft to 24.99 ft	5	4.3
25 ft to 25.99 ft	4	3.4
26 ft to 26.99 ft	7	6
27 ft to 27.99 ft	0	0
28 ft to 28.99 ft	0	0
29 ft to 29.99 ft	2	1.7
30 ft to 30.99 ft	1	0.9
31 ft to 31.99 ft	2	1.7

Flood Crest-Height above Flood Stage	Total Flood Crest Occurrence	Percent of Flood Crest Occurrence
32 ft to 32.99 ft	0	0
33 ft to 33.99 ft	1	0.9
34 ft to 34.99 ft	0	0
35 ft to 35.99 ft	0	0
36 ft to 36.99 ft	1	0.9
37 ft to 37.99 ft	1	0.9
38 ft to 38.99 ft	0	0
39 ft to 39.99 ft	1	0.9
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
45 ft to 45.99 ft	0	0
46 ft to 46.99 ft	0	0

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Flood Crest-Height above Flood Stage	Cumulative Total Flood Occurence	Cumulative Percent of Flood Occurence
17 ft to 17.99 ft	116	100
18 ft to 18.99 ft	101	87.2
19 ft to 19.99 ft	82	70.8
20 ft to 20.99 ft	65	56.1
21 ft to 21.99 ft	55	47.5
22 ft to 22.99 ft	41	35.4
23 ft to 23.99 ft	36	31.1
24 ft to 24.99 ft	25	21.6
25 ft to 25.99 ft	20	17.3
26 ft to 26.99 ft	16	13.9
27 ft to 27.99 ft	9	7.9
28 ft to 28.99 ft	9	7.9
29 ft to 29.99 ft	9	7.9
30 ft to 30.99 ft	7	6.2
31 ft to 31.99 ft	6	5.3

Flood Crest-Height above Flood Stage	CumulativeTotal Flood Occurence	Cumulative Percent of Flood Occurence
32 ft to 32.99 ft	3	3.6
33 ft to 33.99 ft	3	3.6
34 ft to 34.99 ft	2	2.7
35 ft to 35.99 ft	2	2.7
36 ft to 36.99 ft	2	2.7
37 ft to 37.99 ft	1	1.8
38 ft to 38.99 ft	0	0.9
39 ft to 39.99 ft	1	0.9
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
45 ft to 45.99 ft	0	0
46 ft to 46.99 ft	0	0

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