

# Categorical Floods Rivanna River at Palmyra, VA

Minor Flood Stage: 17  
 Moderate Flood Stage: 25  
 Major Flood Stage: 32

Period of Record: 1934-Present  
 Last Flood: 3/22/2019

Latitude: 37.858  
 Longitude: -78.266  
 Number of Floods: 126

Minor	
Date of Flood	Crest
2/26/1979	23.58
10/25/1971	18.46
2/14/1972	18.76
11/15/1972	17.32
2/2/1973	21.07
12/21/1973	20.32
9/26/1975	23.46
1/1/1976	18.99
1/28/1976	17.58
10/10/1976	22.41
1/9/1978	20.07
1/26/1978	23.51
8/19/1985	19.57
1/25/1979	17.29
3/8/1967	18.41
6/3/1979	22.64
9/22/1979	24.45
4/9/1980	17.19
2/3/1982	18.27
5/28/1982	18.31
9/17/1934	24.75
4/3/1983	22.02

3/22/2019	17.2
4/24/1983	20.2
2/15/1984	24.42
3/29/1984	23.76
4/5/1984	18.1
5/14/1978	18.63
8/15/1949	21.7
12/1/1934	20.6
1/23/1935	20.17
1/3/1936	20.54
1/19/1936	19.53
10/18/1936	18.19
1/21/1937	19.65
2/22/1937	17.05
10/20/1937	23.45
8/17/1940	21.78
8/9/1942	18.59
4/1/1948	21.54
8/4/1948	22.9
5/31/1971	23.39
3/23/1949	19.25
6/8/1969	18.65
12/5/1950	21.55
6/10/1951	21.13
2/4/1952	17.38
3/12/1952	17.8

10/1/1959	20.41
2/19/1960	18.27
4/13/1961	17.83
10/21/1961	24.27
3/13/1962	17.9
3/12/1963	18.63
2/8/1965	21.77
4/11/1983	21.87
12/31/1948	18.27
12/8/2011	19.46
5/8/1998	21.28
9/30/1999	23.31
3/21/2003	20.68
6/14/1982	19.53
12/11/2003	19.59
9/9/2004	17.98
9/29/2004	18.39
1/14/2005	20.78
11/30/2005	19.53
10/7/2006	19.09
1/26/2010	23.52
3/11/2011	17.79
3/21/1998	18.75
5/18/2011	19.19
2/23/2003	23.79
1/31/2013	19.33

Drainage Area: 663 square miles  
 Gage Datum: 210.39 ft MSL

Data represent all historical events.  
 James Basin

County of Gage: Fluvanna  
 County of Forecast Point: Fluvanna

5/1/2014	21.5
5/16/2014	24.72
4/20/2015	17.78
5/6/2017	17.83
2/11/2018	17.93
5/19/2018	19.2
6/23/2018	19.72
9/18/2018	24.22
10/12/2018	19.97
11/16/2018	18.63
12/21/2018	19.57
4/17/2011	19.71
5/27/1990	18.73
12/11/1992	19.37
4/22/1992	23.77
7/3/2003	21.32
1/12/1991	19.75
10/24/1990	21.94
11/28/1993	22.48
2/24/1994	18.3
3/28/1994	20.93
1/16/1995	19.24
6/27/1995	17.58
11/24/1992	21.14
6/29/1995	19.36
4/17/1993	17.11
1/27/1996	17.93
7/16/1989	19.92
1/29/1998	21.97
2/5/1998	18.45
2/18/1998	23.96

Moderate	
Date of Flood	Crest
3/18/1936	29.26
5/6/1989	26.33
9/6/1935	26.27
9/9/1987	26.65
4/17/1987	25.59
6/1/2018	25.51
9/19/1944	30.5
3/5/1993	26.25
9/6/1979	25.5
8/19/1955	29
1/20/1996	25.03
9/7/1996	31.54
3/20/1975	26.38
9/19/2003	25.91
11/5/1985	26.53
10/6/1972	31.07
12/4/1948	26.78

Major	
Date of Flood	Crest
10/16/1942	36.5
4/26/1937	33.35
6/22/1972	37.34
8/20/1969	39.85

Drainage Area: 663 square miles  
 Gage Datum: 210.39 ft MSL

Data represent all historical events.  
 James Basin

County of Gage: Fluvanna  
 County of Forecast Point: Fluvanna