

MARFC Historic Floods

Site	Stream	Date of Flood	Crest	Flow	Category	Code	Tropical Name	Minor FS	Moderate FS	Major FS
Virginia	James River	8/18/1724	-9999.00	-9,999	Missing	C1	Great Gust (1724)	-99.99	-99.99	-99.99
Virginia	James River	9/7/1769	-9999.00	-9,999	Missing	C1	Great Chesapeake	-99.99	-99.99	-99.99
Virginia	James River	5/27/1771	-9999.00	-9,999	Missing	C1	none	-99.99	-99.99	-99.99
Virginia	James River	9/2/1775	-9999.00	-9,999	Missing	C1	Independence Hurricane	-99.99	-99.99	-99.99
Virginia	James River	8/2/1795	-9999.00	-9,999	Missing	C1	Unnamed (1795)	-99.99	-99.99	-99.99
Richmond	James River	9/18/1816	-9999.00	-9,999	Missing	C1	Unnamed (1816)	12.00	15.00	22.00
Virginia	James River	9/27/1822	-9999.00	-9,999	Missing	C1	Unnamed (1822)	-99.99	-99.99	-99.99
Richmond	James River	9/28/1822	-9999.00	-9,999	Missing	C1	Unnamed (1822)	12.00	15.00	22.00
Cartersville	James River	11/1/1869	32.00	-9,999	Major	C1 C9	none	20.00	23.00	26.40
Bent Creek	James River	9/30/1870	27.00	150,000	Moderate	C1	none	16.00	22.00	27.50
Scottsville	James River	9/30/1870	30.70	215,000	Major	C1 C8	none	20.00	22.00	24.00
Buchanan	James River	10/3/1877	-9999.00	-9,999	Missing	C1	none	17.00	21.00	26.00
Cartersville	James River	10/3/1877	-9999.00	-9,999	Missing	C1	none	20.00	23.00	26.40
Lick Run	James River	10/3/1877	-9999.00	-9,999	Missing	C1	none	16.00	22.00	25.00
Bent Creek	James River	11/24/1877	24.00	125,000	Moderate	C1	none	16.00	22.00	27.50
Buchanan	James River	11/24/1877	34.90	142,000	Major	C1 C8	none	17.00	21.00	26.00
Cartersville	James River	11/24/1877	30.40	-9,999	Major	C1 C8	none	20.00	23.00	26.40

Site	Stream	Date of Flood	Crest	Flow	Category	Code	Tropical Name	Minor FS	Moderate FS	Major FS
Lick Run	James River	11/24/1877	33.00	120,000	Major	C1 C8 F1	none	16.00	22.00	25.00
Scottsville	James River	11/24/1877	27.90	160,000	Major	C1 C8	none	20.00	22.00	24.00
Richmond	James River	9/12/1878	-9999.00	-9,999	Missing	C1	Hurricane of 1878	12.00	15.00	22.00
Virginia	James River	9/12/1878	-9999.00	-9,999	Missing	C1	Hurricane of 1878	-99.99	-99.99	-99.99
Bent Creek	James River	4/1/1886	19.00	79,000	Minor	C1	none	16.00	22.00	27.50
Buchanan	James River	4/1/1886	27.00	85,000	Major	C1 C9	none	17.00	21.00	26.00
Buchanan	James River	3/1/1889	27.00	85,000	Major	C1 C9	none	17.00	21.00	26.00
Bent Creek	James River	6/1/1889	19.00	79,000	Minor	C1	none	16.00	22.00	27.50
Buchanan	James River	10/13/1893	-9999.00	-9,999	Missing	C1	Unnamed (1893)	17.00	21.00	26.00
Lick Run	James River	10/13/1893	-9999.00	-9,999	Missing	C1	Unnamed (1893)	16.00	22.00	25.00
Buena Vista	Maury River	10/14/1893	-9999.00	-9,999	Missing	C1	Unnamed (1893)	17.00	19.00	21.00
Buchanan	James River	4/9/1895	19.00	49,800	Minor	C1	none	17.00	21.00	26.00
Richmond	James River	9/28/1896	-9999.00	-9,999	Missing	C1	Unnamed (1896)	12.00	15.00	22.00
Buena Vista	Maury River	9/30/1896	-9999.00	-9,999	Missing	C1	Unnamed (1896)	17.00	19.00	21.00
Buchanan	James River	3/5/1899	19.50	51,900	Minor	C1	none	17.00	21.00	26.00
Cartersville	James River	3/6/1899	25.20	111,000	Moderate	C1	none	20.00	23.00	26.40
Buchanan	James River	11/26/1900	21.40	59,800	Moderate	C1	none	17.00	21.00	26.00
Cartersville	James River	5/23/1901	27.00	134,000	Major	C1	none	20.00	23.00	26.40

Site	Stream	Date of Flood	Crest	Flow	Category	Code	Tropical Name	Minor FS	Moderate FS	Major FS
Cartersville	James River	12/30/1901	26.70	130,000	Major	C1	none	20.00	23.00	26.40
Buchanan	James River	3/1/1902	25.00	76,000	Moderate	C1	none	17.00	21.00	26.00
Buchanan	James River	3/24/1903	17.50	43,800	Minor	C1	none	17.00	21.00	26.00
Cartersville	James River	6/7/1903	22.00	82,800	Minor	C1	none	20.00	23.00	26.40
Cartersville	James River	10/21/1906	23.80	97,200	Moderate	C1	none	20.00	23.00	26.40
Buchanan	James River	6/14/1907	17.00	41,800	Minor	C1	none	17.00	21.00	26.00
Buchanan	James River	2/16/1908	19.00	49,800	Minor	C1	none	17.00	21.00	26.00
Cartersville	James River	6/17/1910	20.30	72,000	Minor	C1	none	20.00	23.00	26.40
Cartersville	James River	5/13/1912	22.50	86,400	Minor	C1	none	20.00	23.00	26.40
Buchanan	James River	3/27/1913	31.00	105,000	Major	C1	none	17.00	21.00	26.00
Covington	Jackson River below Dunlap Creek	3/28/1913	25.47	-9,999	Major	C1 C4	none	17.00	21.50	23.00
Holcomb Rock	James River	3/28/1913	31.30	118,000	Major	C1 G1	none	22.00	24.00	28.00
Lick Run	James River	3/28/1913	30.40	98,000	Major	C1 C8 F1	none	16.00	22.00	25.00
Scottsville	James River	3/28/1913	25.16	121,000	Major	C1 C8	none	20.00	22.00	24.00
Cartersville	James River	3/29/1913	23.40	93,600	Moderate	C1	none	20.00	23.00	26.40
Buchanan	James River	2/2/1915	20.00	56,100	Minor	C1	none	17.00	21.00	26.00
Cartersville	James River	2/4/1915	20.60	69,300	Minor	C1	none	20.00	23.00	26.40
Richmond	James River	9/1/1915	-9999.00	-9,999	Missing	C1	Unnamed (1915)	12.00	15.00	22.00

Site	Stream	Date of Flood	Crest	Flow	Category	Code	Tropical Name	Minor FS	Moderate FS	Major FS
Buchanan	James River	3/5/1917	17.70	44,600	Minor	C1	none	17.00	21.00	26.00
Buchanan	James River	3/14/1918	17.30	43,000	Minor	C1	none	17.00	21.00	26.00
Buchanan	James River	1/3/1919	18.50	47,800	Minor	C1	none	17.00	21.00	26.00
Cartersville	James River	1/4/1919	23.00	82,900	Moderate	C1	none	20.00	23.00	26.40
Cartersville	James River	2/4/1920	20.20	67,300	Minor	C1	none	20.00	23.00	26.40
Buchanan	James River	5/12/1924	21.50	60,000	Moderate	C1	none	17.00	21.00	26.00
Lick Run	James River	5/12/1924	24.60	57,500	Moderate	C1 C4 C8	none	16.00	22.00	25.00
Cartersville	James River	5/13/1924	24.70	106,000	Moderate	C1	none	20.00	23.00	26.40
Cartersville	James River	10/1/1924	24.38	103,000	Moderate	C1	Tropical Storm Eight (1924)	20.00	23.00	26.40
Scottsville	James River	10/1/1924	-9999.00	80,000	Missing	C1	Tropical Storm Eight (1924)	20.00	22.00	24.00
Lick Run	James River	12/26/1926	20.00	37,000	Minor	C1	none	16.00	22.00	25.00
Cartersville	James River	8/12/1928	22.06	78,600	Minor	none	Unnamed (1928)	20.00	23.00	26.40
Bent Creek	James River	8/17/1928	18.80	74,000	Minor	C1	Unnamed-2 (1928)	16.00	22.00	27.50
Scottsville	James River	8/17/1928	20.92	75,600	Minor	C1	Unnamed-2 (1928)	20.00	22.00	24.00
Cartersville	James River	8/18/1928	23.80	97,200	Moderate	none	Unnamed-2 (1928)	20.00	23.00	26.40
Lick Run	James River	11/18/1929	17.75	31,400	Minor	none	none	16.00	22.00	25.00
Lick Run	James River	2/5/1932	18.14	32,300	Minor	none	none	16.00	22.00	25.00
Cartersville	James River	10/18/1932	21.54	75,400	Minor	none	Unnamed (1932)	20.00	23.00	26.40

Site	Stream	Date of Flood	Crest	Flow	Category	Code	Tropical Name	Minor FS	Moderate FS	Major FS
Cartersville	James River	4/18/1933	20.48	70,600	Minor	none	none	20.00	23.00	26.40
Palmyra	Rivanna River	9/17/1934	24.75	24,000	Minor	G1	none	17.00	25.00	32.00
Bent Creek	James River	12/1/1934	19.65	86,200	Minor	none	none	16.00	22.00	27.50
Holcomb Rock	James River	12/1/1934	24.65	73,500	Moderate	none	none	22.00	24.00	28.00
Lick Run	James River	12/1/1934	16.82	25,700	Minor	none	none	16.00	22.00	25.00
Palmyra	Rivanna River	12/1/1934	20.60	13,200	Minor	G1	none	17.00	25.00	32.00
Cartersville	James River	12/2/1934	24.95	104,000	Moderate	none	none	20.00	23.00	26.40
Scottsville	James River	12/2/1934	22.63	86,800	Moderate	none	none	20.00	22.00	24.00
Richmond	James River	12/3/1934	19.08	109,000	Moderate	C2	none	12.00	15.00	22.00
Buchanan	James River	1/23/1935	23.82	70,400	Moderate	none	none	17.00	21.00	26.00
Holcomb Rock	James River	1/23/1935	26.61	86,300	Moderate	none	none	22.00	24.00	28.00
Lick Run	James River	1/23/1935	22.98	53,000	Moderate	none	none	16.00	22.00	25.00
Palmyra	Rivanna River	1/23/1935	20.17	12,800	Minor	G1	none	17.00	25.00	32.00
Bent Creek	James River	1/24/1935	20.22	91,000	Minor	none	none	16.00	22.00	27.50
Cartersville	James River	1/24/1935	24.03	96,000	Moderate	none	none	20.00	23.00	26.40
Scottsville	James River	1/24/1935	22.30	84,800	Moderate	none	none	20.00	22.00	24.00
Richmond	James River	1/25/1935	18.55	102,000	Moderate	C2	none	12.00	15.00	22.00
Bent Creek	James River	9/6/1935	17.05	66,000	Minor	none	Labor Day Hurricane	16.00	22.00	27.50

Site	Stream	Date of Flood	Crest	Flow	Category	Code	Tropical Name	Minor FS	Moderate FS	Major FS
Cartersville	James River	9/6/1935	27.80	134,000	Major	none	Labor Day Hurricane	20.00	23.00	26.40
Palmyra	Rivanna River	9/6/1935	26.27	29,000	Moderate	G1	Labor Day Hurricane	17.00	25.00	32.00
Scottsville	James River	9/6/1935	23.06	93,400	Moderate	none	Labor Day Hurricane	20.00	22.00	24.00
Richmond	James River	9/7/1935	21.01	127,000	Moderate	C2	Labor Day Hurricane	12.00	15.00	22.00
Palmyra	Rivanna River	1/3/1936	20.54	13,900	Minor	G1	none	17.00	25.00	32.00
Cartersville	James River	1/4/1936	21.45	77,900	Minor	none	none	20.00	23.00	26.40
Richmond	James River	1/5/1936	16.73	78,300	Moderate	C2	none	12.00	15.00	22.00
Palmyra	Rivanna River	1/19/1936	19.53	12,400	Minor	G1	none	17.00	25.00	32.00
Cartersville	James River	1/20/1936	21.80	80,300	Minor	none	none	20.00	23.00	26.40
Richmond	James River	1/21/1936	16.70	78,300	Moderate	C2	none	12.00	15.00	22.00
Richmond	James River	2/17/1936	14.68	60,300	Minor	C2	none	12.00	15.00	22.00
Bent Creek	James River	3/18/1936	23.02	115,000	Moderate	none	none	16.00	22.00	27.50
Buchanan	James River	3/18/1936	26.80	84,100	Major	none	none	17.00	21.00	26.00
Buena Vista	Maury River	3/18/1936	22.00	-9,999	Major	C1	none	17.00	19.00	21.00
Covington	Jackson River below Dunlap Creek	3/18/1936	20.97	-9,999	Moderate	C1 C4	none	17.00	21.50	23.00
Holcomb Rock	James River	3/18/1936	30.78	115,000	Major	none	none	22.00	24.00	28.00
Lick Run	James River	3/18/1936	25.65	66,000	Major	none	none	16.00	22.00	25.00
Palmyra	Rivanna River	3/18/1936	29.26	39,900	Moderate	G1	none	17.00	25.00	32.00

Site	Stream	Date of Flood	Crest	Flow	Category	Code	Tropical Name	Minor FS	Moderate FS	Major FS
Cartersville	James River	3/19/1936	28.77	166,000	Major	none	none	20.00	23.00	26.40
Richmond	James River	3/19/1936	23.42	175,000	Major	C2	none	12.00	15.00	22.00
Scottsville	James River	3/19/1936	25.46	126,000	Major	none	none	20.00	22.00	24.00
Palmyra	Rivanna River	10/18/1936	18.19	10,600	Minor	G1	none	17.00	25.00	32.00
Richmond	James River	1/4/1937	15.25	64,400	Moderate	C2	none	12.00	15.00	22.00
Buchanan	James River	1/21/1937	17.12	41,400	Minor	none	none	17.00	21.00	26.00
Lick Run	James River	1/21/1937	17.45	28,700	Minor	none	none	16.00	22.00	25.00
Palmyra	Rivanna River	1/21/1937	19.65	12,500	Minor	G1	none	17.00	25.00	32.00
Cartersville	James River	1/22/1937	20.25	71,100	Minor	none	none	20.00	23.00	26.40
Richmond	James River	1/22/1937	15.95	71,100	Moderate	C2	none	12.00	15.00	22.00
Palmyra	Rivanna River	2/22/1937	17.05	9,330	Minor	G1	none	17.00	25.00	32.00
Cartersville	James River	4/26/1937	27.73	133,000	Major	none	none	20.00	23.00	26.40
Palmyra	Rivanna River	4/26/1937	33.35	56,700	Major	G1	none	17.00	25.00	32.00
Richmond	James River	4/27/1937	22.65	152,000	Major	C2 F1	none	12.00	15.00	22.00
Bent Creek	James River	10/20/1937	16.76	60,700	Minor	none	none	16.00	22.00	27.50
Holcomb Rock	James River	10/20/1937	22.52	59,000	Minor	none	none	22.00	24.00	28.00
Palmyra	Rivanna River	10/20/1937	23.45	20,000	Minor	G1	none	17.00	25.00	32.00
Scottsville	James River	10/20/1937	22.33	87,400	Moderate	none	none	20.00	22.00	24.00

Site	Stream	Date of Flood	Crest	Flow	Category	Code	Tropical Name	Minor FS	Moderate FS	Major FS
Cartersville	James River	10/21/1937	24.34	98,400	Moderate	none	none	20.00	23.00	26.40
Richmond	James River	10/21/1937	18.20	92,500	Moderate	C2	none	12.00	15.00	22.00
Richmond	James River	10/30/1937	13.54	50,900	Minor	C2	none	12.00	15.00	22.00
Lick Run	James River	1/31/1939	16.98	27,700	Minor	none	none	16.00	22.00	25.00
Lick Run	James River	2/4/1939	16.21	25,800	Minor	none	none	16.00	22.00	25.00
Richmond	James River	8/20/1939	14.37	57,900	Minor	C2	Unnamed (1939)	12.00	15.00	22.00
Buchanan	James River	5/31/1940	17.00	41,100	Minor	none	none	17.00	21.00	26.00
Lick Run	James River	5/31/1940	16.12	25,500	Minor	none	none	16.00	22.00	25.00
Bremo Bluff	James River	6/1/1940	22.00	50,600	Minor	G2	none	19.00	23.00	34.00
Richmond	James River	6/2/1940	13.50	50,900	Minor	C2	none	12.00	15.00	22.00
Bent Creek	James River	8/16/1940	19.63	86,200	Minor	none	Southeast Hurricane	16.00	22.00	27.50
Holcomb Rock	James River	8/16/1940	24.25	66,800	Moderate	none	Southeast Hurricane	22.00	24.00	28.00
Scottsville	James River	8/16/1940	25.84	130,000	Major	none	Southeast Hurricane	20.00	22.00	24.00
Bremo Bluff	James River	8/17/1940	33.50	124,900	Moderate	G2	Southeast Hurricane	19.00	23.00	34.00
Cartersville	James River	8/17/1940	28.34	145,000	Major	none	Southeast Hurricane	20.00	23.00	26.40
Palmyra	Rivanna River	8/17/1940	21.78	16,300	Minor	G1	Southeast Hurricane	17.00	25.00	32.00
Richmond	James River	8/18/1940	21.80	151,000	Moderate	C2	Southeast Hurricane	12.00	15.00	22.00
Bremo Bluff	James River	5/18/1941	23.70	60,400	Moderate	G2	none	19.00	23.00	34.00

Site	Stream	Date of Flood	Crest	Flow	Category	Code	Tropical Name	Minor FS	Moderate FS	Major FS
Bremo Bluff	James River	5/23/1941	26.30	75,800	Moderate	G2	none	19.00	23.00	34.00
Bent Creek	James River	5/17/1942	16.50	58,800	Minor	none	none	16.00	22.00	27.50
Buchanan	James River	5/17/1942	19.56	52,300	Minor	none	none	17.00	21.00	26.00
Holcomb Rock	James River	5/17/1942	22.45	58,500	Minor	none	none	22.00	24.00	28.00
Lick Run	James River	5/17/1942	21.10	43,500	Minor	none	none	16.00	22.00	25.00
Richmond	James River	5/18/1942	14.40	57,900	Minor	C2	none	12.00	15.00	22.00
Buchanan	James River	5/22/1942	18.40	47,400	Minor	none	none	17.00	21.00	26.00
Holcomb Rock	James River	5/22/1942	24.62	68,700	Moderate	none	none	22.00	24.00	28.00
Lick Run	James River	5/22/1942	18.12	32,300	Minor	none	none	16.00	22.00	25.00
Bent Creek	James River	5/23/1942	18.34	70,400	Minor	none	none	16.00	22.00	27.50
Scottsville	James River	5/23/1942	21.44	80,600	Minor	none	none	20.00	22.00	24.00
Cartersville	James River	5/24/1942	20.80	75,000	Minor	none	none	20.00	23.00	26.40
Richmond	James River	5/24/1942	15.74	68,600	Moderate	C2	none	12.00	15.00	22.00
Palmyra	Rivanna River	8/9/1942	18.59	11,400	Minor	G1	none	17.00	25.00	32.00
Bremo Bluff	James River	8/15/1942	20.10	42,500	Minor	G2	none	19.00	23.00	34.00
Bremo Bluff	James River	10/16/1942	29.20	95,000	Moderate	G2	Unnamed (1942)	19.00	23.00	34.00
Cartersville	James River	10/16/1942	27.14	135,000	Major	none	Unnamed (1942)	20.00	23.00	26.40
Palmyra	Rivanna River	10/16/1942	36.50	78,000	Major	G1	Unnamed (1942)	17.00	25.00	32.00

Site	Stream	Date of Flood	Crest	Flow	Category	Code	Tropical Name	Minor FS	Moderate FS	Major FS
Scottsville	James River	10/16/1942	23.00	95,200	Moderate	none	Unnamed (1942)	20.00	22.00	24.00
Richmond	James River	10/17/1942	19.80	119,000	Moderate	C2	Unnamed (1942)	12.00	15.00	22.00
Bremo Bluff	James River	12/30/1942	21.90	50,600	Minor	G2	none	19.00	23.00	34.00
Lick Run	James River	3/14/1943	17.60	30,800	Minor	none	none	16.00	22.00	25.00
Bent Creek	James River	9/19/1944	18.00	73,500	Minor	none	none	16.00	22.00	27.50
Bremo Bluff	James River	9/19/1944	34.50	134,700	Major	G2	none	19.00	23.00	34.00
Palmyra	Rivanna River	9/19/1944	30.50	39,600	Moderate	G1	none	17.00	25.00	32.00
Scottsville	James River	9/19/1944	26.00	133,000	Major	none	none	20.00	22.00	24.00
Cartersville	James River	9/20/1944	29.60	180,000	Major	none	none	20.00	23.00	26.40
Richmond	James River	9/20/1944	21.80	150,000	Moderate	C2	none	12.00	15.00	22.00
Bremo Bluff	James River	9/19/1945	23.10	56,200	Moderate	G2	Unnamed (1945)	19.00	23.00	34.00
Richmond	James River	9/20/1945	14.82	61,100	Minor	C2	Unnamed (1945)	12.00	15.00	22.00
Lick Run	James River	1/8/1946	16.00	26,100	Minor	none	none	16.00	22.00	25.00
Richmond	James River	1/9/1946	12.20	41,300	Minor	C2	none	12.00	15.00	22.00
Bremo Bluff	James River	2/15/1948	23.50	59,000	Moderate	G2	none	19.00	23.00	34.00
Lick Run	James River	2/15/1948	16.10	26,400	Minor	none	none	16.00	22.00	25.00
Richmond	James River	2/16/1948	15.45	66,000	Moderate	C2	none	12.00	15.00	22.00
Palmyra	Rivanna River	4/1/1948	21.54	16,800	Minor	none	none	17.00	25.00	32.00

Site	Stream	Date of Flood	Crest	Flow	Category	Code	Tropical Name	Minor FS	Moderate FS	Major FS
Cartersville	James River	4/2/1948	22.14	83,500	Minor	none	none	20.00	23.00	26.40
Richmond	James River	4/2/1948	16.45	75,000	Moderate	C2	none	12.00	15.00	22.00
Bremo Bluff	James River	5/31/1948	25.00	67,700	Moderate	G2	none	19.00	23.00	34.00
Palmyra	Rivanna River	8/4/1948	22.90	19,800	Minor	none	none	17.00	25.00	32.00
Bremo Bluff	James River	8/5/1948	22.90	55,500	Minor	G2	none	19.00	23.00	34.00
Cartersville	James River	8/5/1948	20.35	72,600	Minor	none	none	20.00	23.00	26.40
Richmond	James River	8/6/1948	15.50	66,800	Moderate	C2	none	12.00	15.00	22.00
Richmond	James River	12/1/1948	14.30	57,100	Minor	C2	none	12.00	15.00	22.00
Bent Creek	James River	12/4/1948	18.68	76,400	Minor	none	none	16.00	22.00	27.50
Buchanan	James River	12/4/1948	17.15	42,600	Minor	none	none	17.00	21.00	26.00
Holcomb Rock	James River	12/4/1948	22.80	62,700	Minor	none	none	22.00	24.00	28.00
Palmyra	Rivanna River	12/4/1948	26.78	28,800	Moderate	none	none	17.00	25.00	32.00
Scottsville	James River	12/4/1948	22.90	94,200	Moderate	none	none	20.00	22.00	24.00
Cartersville	James River	12/5/1948	27.00	134,000	Major	none	none	20.00	23.00	26.40
Richmond	James River	12/5/1948	20.90	136,000	Moderate	C2	none	12.00	15.00	22.00
Palmyra	Rivanna River	12/31/1948	18.27	10,700	Minor	none	none	17.00	25.00	32.00
Bremo Bluff	James River	3/23/1949	26.10	74,000	Moderate	G2	none	19.00	23.00	34.00
Palmyra	Rivanna River	3/23/1949	19.25	11,900	Minor	none	none	17.00	25.00	32.00

Site	Stream	Date of Flood	Crest	Flow	Category	Code	Tropical Name	Minor FS	Moderate FS	Major FS
Scottsville	James River	3/23/1949	20.22	71,900	Minor	none	none	20.00	22.00	24.00
Cartersville	James River	3/24/1949	21.98	82,800	Minor	none	none	20.00	23.00	26.40
Richmond	James River	3/24/1949	16.22	73,000	Moderate	C2	none	12.00	15.00	22.00
Bent Creek	James River	4/14/1949	17.47	66,800	Minor	none	none	16.00	22.00	27.50
Buchanan	James River	4/14/1949	20.18	54,800	Minor	none	none	17.00	21.00	26.00
Holcomb Rock	James River	4/14/1949	22.90	63,300	Minor	none	none	22.00	24.00	28.00
Lick Run	James River	4/14/1949	20.45	40,600	Minor	none	none	16.00	22.00	25.00
Bremo Bluff	James River	4/15/1949	22.40	53,000	Minor	G2	none	19.00	23.00	34.00
Richmond	James River	4/16/1949	14.67	60,300	Minor	C2	none	12.00	15.00	22.00
Bremo Bluff	James River	8/15/1949	21.70	49,400	Minor	G2	none	19.00	23.00	34.00
Palmyra	Rivanna River	8/15/1949	21.70	17,200	Minor	none	none	17.00	25.00	32.00
Richmond	James River	8/16/1949	13.38	50,100	Minor	C2	none	12.00	15.00	22.00
Bremo Bluff	James River	12/4/1949	30.70	106,700	Moderate	G2	none	19.00	23.00	34.00
Bent Creek	James River	9/10/1950	17.80	69,200	Minor	none	Dog (1950)	16.00	22.00	27.50
Holcomb Rock	James River	9/10/1950	24.00	69,900	Moderate	none	Dog (1950)	22.00	24.00	28.00
Bremo Bluff	James River	9/11/1950	25.30	69,200	Moderate	G2	Dog (1950)	19.00	23.00	34.00
Scottsville	James River	9/11/1950	20.43	73,300	Minor	none	Dog (1950)	20.00	22.00	24.00
Richmond	James River	9/12/1950	14.60	59,500	Minor	C2	Dog (1950)	12.00	15.00	22.00

Site	Stream	Date of Flood	Crest	Flow	Category	Code	Tropical Name	Minor FS	Moderate FS	Major FS
Lick Run	James River	12/4/1950	16.23	26,100	Minor	none	none	16.00	22.00	25.00
Palmyra	Rivanna River	12/5/1950	21.55	17,000	Minor	none	none	17.00	25.00	32.00
Richmond	James River	12/6/1950	13.76	53,200	Minor	C2	none	12.00	15.00	22.00
Bent Creek	James River	12/8/1950	16.70	60,900	Minor	none	none	16.00	22.00	27.50
Buchanan	James River	12/8/1950	18.95	49,800	Minor	none	none	17.00	21.00	26.00
Holcomb Rock	James River	12/8/1950	22.83	62,700	Minor	none	none	22.00	24.00	28.00
Lick Run	James River	12/8/1950	20.45	38,300	Minor	none	none	16.00	22.00	25.00
Bremo Bluff	James River	12/9/1950	24.20	63,300	Moderate	G2	none	19.00	23.00	34.00
Richmond	James River	12/10/1950	14.85	61,100	Minor	C2	none	12.00	15.00	22.00
Palmyra	Rivanna River	6/10/1951	21.13	15,900	Minor	none	none	17.00	25.00	32.00
Lick Run	James River	6/14/1951	16.75	27,800	Minor	none	none	16.00	22.00	25.00
Bremo Bluff	James River	6/15/1951	20.80	45,300	Minor	G2	none	19.00	23.00	34.00
Richmond	James River	6/15/1951	13.53	50,900	Minor	C2	none	12.00	15.00	22.00
Richmond	James River	12/22/1951	14.53	58,700	Minor	C2	none	12.00	15.00	22.00
Bremo Bluff	James River	1/29/1952	20.00	41,400	Minor	G2	none	19.00	23.00	34.00
Richmond	James River	1/30/1952	13.82	53,200	Minor	C2	none	12.00	15.00	22.00
Palmyra	Rivanna River	2/4/1952	17.38	11,000	Minor	none	Groundhog Day Storm	17.00	25.00	32.00
Buchanan	James River	3/12/1952	17.73	42,000	Minor	none	none	17.00	21.00	26.00

Site	Stream	Date of Flood	Crest	Flow	Category	Code	Tropical Name	Minor FS	Moderate FS	Major FS
Lick Run	James River	3/12/1952	19.07	34,300	Minor	none	none	16.00	22.00	25.00
Palmyra	Rivanna River	3/12/1952	17.80	11,400	Minor	none	none	17.00	25.00	32.00
Bremo Bluff	James River	3/13/1952	22.20	52,400	Minor	G2	none	19.00	23.00	34.00
Richmond	James River	3/13/1952	14.22	56,300	Minor	C2	none	12.00	15.00	22.00
Bent Creek	James River	2/22/1953	16.07	56,700	Minor	none	none	16.00	22.00	27.50
Buchanan	James River	2/22/1953	19.15	48,000	Minor	none	none	17.00	21.00	26.00
Lick Run	James River	2/22/1953	20.55	38,900	Minor	none	none	16.00	22.00	25.00
Bremo Bluff	James River	2/23/1953	23.40	56,900	Moderate	G2	none	19.00	23.00	34.00
Richmond	James River	2/24/1953	14.45	57,900	Minor	C2	none	12.00	15.00	22.00
Lick Run	James River	3/24/1953	17.88	30,800	Minor	none	none	16.00	22.00	25.00
Bremo Bluff	James River	3/26/1953	24.80	66,200	Moderate	G2	none	19.00	23.00	34.00
Cartersville	James River	3/26/1953	20.90	75,600	Minor	none	none	20.00	23.00	26.40
Richmond	James River	3/27/1953	15.95	71,100	Moderate	C2	none	12.00	15.00	22.00
Bent Creek	James River	3/2/1954	16.78	61,600	Minor	none	none	16.00	22.00	27.50
Buchanan	James River	3/2/1954	18.75	46,400	Minor	none	none	17.00	21.00	26.00
Holcomb Rock	James River	3/2/1954	22.80	62,700	Minor	none	none	22.00	24.00	28.00
Lick Run	James River	3/2/1954	18.82	33,400	Minor	none	none	16.00	22.00	25.00
Bremo Bluff	James River	3/3/1954	23.60	59,700	Moderate	G2	none	19.00	23.00	34.00

Site	Stream	Date of Flood	Crest	Flow	Category	Code	Tropical Name	Minor FS	Moderate FS	Major FS
Richmond	James River	3/3/1954	14.54	58,700	Minor	C2	none	12.00	15.00	22.00
Bremo Bluff	James River	10/16/1954	20.30	43,000	Minor	G2	Hazel (1954)	19.00	23.00	34.00
Lick Run	James River	10/16/1954	18.14	31,400	Minor	none	Hazel (1954)	16.00	22.00	25.00
Lick Run	James River	3/6/1955	19.50	35,500	Minor	none	none	16.00	22.00	25.00
Bent Creek	James River	3/7/1955	17.28	65,100	Minor	none	none	16.00	22.00	27.50
Bremo Bluff	James River	3/7/1955	25.20	68,500	Moderate	G2	none	19.00	23.00	34.00
Buchanan	James River	3/7/1955	19.36	48,800	Minor	none	none	17.00	21.00	26.00
Holcomb Rock	James River	3/7/1955	23.33	65,900	Minor	none	none	22.00	24.00	28.00
Cartersville	James River	3/8/1955	20.83	75,200	Minor	none	none	20.00	23.00	26.40
Richmond	James River	3/8/1955	16.10	72,000	Moderate	C2	none	12.00	15.00	22.00
Bremo Bluff	James River	8/19/1955	26.70	78,500	Moderate	G2	Diane (1955)	19.00	23.00	34.00
Cartersville	James River	8/19/1955	24.48	104,000	Moderate	none	Diane (1955)	20.00	23.00	26.40
Palmyra	Rivanna River	8/19/1955	29.00	34,800	Moderate	none	Diane (1955)	17.00	25.00	32.00
Richmond	James River	8/20/1955	18.36	98,700	Moderate	C2	Diane (1955)	12.00	15.00	22.00
Bent Creek	James River	4/6/1957	16.60	60,200	Minor	none	none	16.00	22.00	27.50
Buchanan	James River	4/6/1957	18.78	46,400	Minor	none	none	17.00	21.00	26.00
Holcomb Rock	James River	4/6/1957	22.36	60,500	Minor	none	none	22.00	24.00	28.00
Lick Run	James River	4/6/1957	19.56	35,800	Minor	none	none	16.00	22.00	25.00

Site	Stream	Date of Flood	Crest	Flow	Category	Code	Tropical Name	Minor FS	Moderate FS	Major FS
Bremo Bluff	James River	4/7/1957	24.20	63,300	Moderate	G2	none	19.00	23.00	34.00
Richmond	James River	4/8/1957	15.00	62,700	Moderate	C2	none	12.00	15.00	22.00
Richmond	James River	4/2/1958	13.35	50,100	Minor	C2	none	12.00	15.00	22.00
Richmond	James River	6/4/1959	12.05	39,800	Minor	C2	none	12.00	15.00	22.00
Palmyra	Rivanna River	10/1/1959	20.41	15,700	Minor	none	Gracie (1959)	17.00	25.00	32.00
Palmyra	Rivanna River	2/19/1960	18.27	12,700	Minor	none	none	17.00	25.00	32.00
Bent Creek	James River	3/31/1960	16.19	58,400	Minor	none	none	16.00	22.00	27.50
Buchanan	James River	3/31/1960	18.45	44,700	Minor	none	none	17.00	21.00	26.00
Holcomb Rock	James River	3/31/1960	22.00	58,300	Minor	none	none	22.00	24.00	28.00
Lick Run	James River	3/31/1960	19.65	35,400	Minor	none	none	16.00	22.00	25.00
Bremo Bluff	James River	4/1/1960	23.90	61,100	Moderate	G2	none	19.00	23.00	34.00
Richmond	James River	4/2/1960	14.92	61,900	Minor	C2	none	12.00	15.00	22.00
Cartersville	James River	4/6/1960	20.13	70,800	Minor	none	none	20.00	23.00	26.40
Richmond	James River	4/7/1960	15.70	68,600	Moderate	C2	none	12.00	15.00	22.00
Palmyra	Rivanna River	4/13/1961	17.83	12,100	Minor	none	none	17.00	25.00	32.00
Richmond	James River	4/14/1961	12.63	44,200	Minor	C2	none	12.00	15.00	22.00
Buchanan	James River	10/21/1961	17.68	42,000	Minor	none	none	17.00	21.00	26.00
Lick Run	James River	10/21/1961	19.87	36,200	Minor	none	none	16.00	22.00	25.00

Site	Stream	Date of Flood	Crest	Flow	Category	Code	Tropical Name	Minor FS	Moderate FS	Major FS
Palmyra	Rivanna River	10/21/1961	24.27	22,900	Minor	none	none	17.00	25.00	32.00
Bent Creek	James River	10/22/1961	16.42	59,800	Minor	none	none	16.00	22.00	27.50
Bremo Bluff	James River	10/22/1961	25.70	71,500	Moderate	G2	none	19.00	23.00	34.00
Cartersville	James River	10/22/1961	23.13	91,200	Moderate	none	none	20.00	23.00	26.40
Richmond	James River	10/23/1961	17.98	94,000	Moderate	C2	none	12.00	15.00	22.00
Palmyra	Rivanna River	3/13/1962	17.90	12,200	Minor	none	none	17.00	25.00	32.00
Richmond	James River	3/14/1962	14.86	61,900	Minor	C2	none	12.00	15.00	22.00
Lick Run	James River	3/22/1962	18.18	31,500	Minor	none	none	16.00	22.00	25.00
Bremo Bluff	James River	3/23/1962	21.90	50,600	Minor	G2	none	19.00	23.00	34.00
Richmond	James River	3/24/1962	13.94	54,000	Minor	C2	none	12.00	15.00	22.00
Lick Run	James River	3/12/1963	22.60	45,200	Moderate	none	none	16.00	22.00	25.00
Palmyra	Rivanna River	3/12/1963	18.63	13,100	Minor	none	none	17.00	25.00	32.00
Bent Creek	James River	3/13/1963	18.47	75,500	Minor	none	none	16.00	22.00	27.50
Buchanan	James River	3/13/1963	22.30	61,800	Moderate	none	none	17.00	21.00	26.00
Holcomb Rock	James River	3/13/1963	24.75	74,700	Moderate	none	none	22.00	24.00	28.00
Bremo Bluff	James River	3/14/1963	26.30	74,900	Moderate	G2	none	19.00	23.00	34.00
Cartersville	James River	3/14/1963	21.33	78,000	Minor	none	none	20.00	23.00	26.40
Scottsville	James River	3/14/1963	20.82	76,200	Minor	none	none	20.00	22.00	24.00

Site	Stream	Date of Flood	Crest	Flow	Category	Code	Tropical Name	Minor FS	Moderate FS	Major FS
Richmond	James River	3/15/1963	16.42	81,600	Moderate	C2	none	12.00	15.00	22.00
Lick Run	James River	3/6/1964	16.07	25,900	Minor	none	none	16.00	22.00	25.00
Bremo Bluff	James River	2/8/1965	22.80	54,800	Minor	G2	none	19.00	23.00	34.00
Lick Run	James River	2/8/1965	16.50	27,000	Minor	none	none	16.00	22.00	25.00
Palmyra	Rivanna River	2/8/1965	21.77	18,000	Minor	none	none	17.00	25.00	32.00
Richmond	James River	2/9/1965	15.32	69,600	Moderate	C2	none	12.00	15.00	22.00
Lick Run	James River	2/14/1966	16.34	26,400	Minor	none	none	16.00	22.00	25.00
Richmond	James River	2/15/1966	13.75	55,200	Minor	C2	none	12.00	15.00	22.00
Covington	Jackson River below Dunlap Creek	3/7/1967	19.97	-9,999	Minor	C1 C4	none	17.00	21.50	23.00
Bent Creek	James River	3/8/1967	16.23	58,600	Minor	none	none	16.00	22.00	27.50
Buchanan	James River	3/8/1967	20.77	55,000	Minor	none	none	17.00	21.00	26.00
Holcomb Rock	James River	3/8/1967	22.46	61,000	Minor	none	none	22.00	24.00	28.00
Lick Run	James River	3/8/1967	22.30	42,800	Moderate	none	none	16.00	22.00	25.00
Palmyra	Rivanna River	3/8/1967	18.41	12,800	Minor	none	none	17.00	25.00	32.00
Bremo Bluff	James River	3/9/1967	23.80	60,400	Moderate	G2	none	19.00	23.00	34.00
Richmond	James River	3/9/1967	15.37	70,600	Moderate	C2	none	12.00	15.00	22.00
Lick Run	James River	3/15/1967	19.22	32,700	Minor	none	none	16.00	22.00	25.00
Bremo Bluff	James River	3/17/1967	21.00	45,900	Minor	G2	none	19.00	23.00	34.00

Site	Stream	Date of Flood	Crest	Flow	Category	Code	Tropical Name	Minor FS	Moderate FS	Major FS
Palmyra	Rivanna River	6/8/1969	18.65	13,000	Minor	none	none	17.00	25.00	32.00
Bent Creek	James River	8/20/1969	24.77	144,000	Moderate	none	Camille (1969)	16.00	22.00	27.50
Bremo Bluff	James River	8/20/1969	39.10	188,100	Major	G2	Camille (1969)	19.00	23.00	34.00
Buchanan	James River	8/20/1969	23.37	65,800	Moderate	none	Camille (1969)	17.00	21.00	26.00
Buena Vista	Maury River	8/20/1969	31.23	105,000	Major	none	Camille (1969)	17.00	19.00	21.00
Holcomb Rock	James River	8/20/1969	35.50	150,000	Major	none	Camille (1969)	22.00	24.00	28.00
Lick Run	James River	8/20/1969	25.53	58,500	Major	none	Camille (1969)	16.00	22.00	25.00
Palmyra	Rivanna River	8/20/1969	39.85	86,000	Major	none	Camille (1969)	17.00	25.00	32.00
Scottsville	James River	8/20/1969	30.00	188,000	Major	none	Camille (1969)	20.00	22.00	24.00
Cartersville	James River	8/21/1969	33.75	250,000	Major	none	Camille (1969)	20.00	23.00	26.40
Richmond	James River	8/21/1969	24.95	222,000	Major	C2	Camille (1969)	12.00	15.00	22.00
Lick Run	James River	12/31/1969	19.88	34,800	Minor	none	none	16.00	22.00	25.00
Bent Creek	James River	1/1/1970	16.08	57,600	Minor	none	none	16.00	22.00	27.50
Bremo Bluff	James River	1/1/1970	23.60	59,700	Moderate	G2	none	19.00	23.00	34.00
Buchanan	James River	1/1/1970	19.81	49,500	Minor	none	none	17.00	21.00	26.00
Holcomb Rock	James River	1/1/1970	22.20	59,400	Minor	none	none	22.00	24.00	28.00
Richmond	James River	1/2/1970	14.92	65,600	Minor	C2	none	12.00	15.00	22.00
Buchanan	James River	2/14/1971	18.90	45,900	Minor	none	none	17.00	21.00	26.00

Site	Stream	Date of Flood	Crest	Flow	Category	Code	Tropical Name	Minor FS	Moderate FS	Major FS
Lick Run	James River	2/14/1971	19.61	33,900	Minor	none	none	16.00	22.00	25.00
Bremo Bluff	James River	2/15/1971	21.80	50,000	Minor	G2	none	19.00	23.00	34.00
Richmond	James River	2/16/1971	14.24	58,800	Minor	C2	none	12.00	15.00	22.00
Bent Creek	James River	5/31/1971	16.31	59,200	Minor	none	none	16.00	22.00	27.50
Buchanan	James River	5/31/1971	19.07	46,600	Minor	none	none	17.00	21.00	26.00
Holcomb Rock	James River	5/31/1971	22.62	61,600	Minor	none	none	22.00	24.00	28.00
Lick Run	James River	5/31/1971	19.17	32,700	Minor	none	none	16.00	22.00	25.00
Palmyra	Rivanna River	5/31/1971	23.39	21,000	Minor	none	none	17.00	25.00	32.00
Bremo Bluff	James River	6/1/1971	24.30	63,300	Moderate	G2	none	19.00	23.00	34.00
Cartersville	James River	6/1/1971	21.51	79,400	Minor	none	none	20.00	23.00	26.40
Richmond	James River	6/1/1971	17.02	88,500	Moderate	C2	none	12.00	15.00	22.00
Palmyra	Rivanna River	10/25/1971	18.46	12,600	Minor	none	none	17.00	25.00	32.00
Richmond	James River	10/26/1971	13.95	57,000	Minor	C2	none	12.00	15.00	22.00
Palmyra	Rivanna River	2/14/1972	18.76	12,900	Minor	none	none	17.00	25.00	32.00
Richmond	James River	2/14/1972	13.88	56,100	Minor	C2	none	12.00	15.00	22.00
Lick Run	James River	2/26/1972	19.84	34,500	Minor	none	none	16.00	22.00	25.00
Buchanan	James River	2/27/1972	18.52	44,400	Minor	none	none	17.00	21.00	26.00
Bremo Bluff	James River	2/28/1972	21.40	48,200	Minor	G2	none	19.00	23.00	34.00

Site	Stream	Date of Flood	Crest	Flow	Category	Code	Tropical Name	Minor FS	Moderate FS	Major FS
Richmond	James River	2/29/1972	13.95	57,000	Minor	C2	none	12.00	15.00	22.00
Bent Creek	James River	6/21/1972	27.13	176,000	Moderate	none	Agnes (1972)	16.00	22.00	27.50
Buena Vista	Maury River	6/21/1972	17.10	27,800	Minor	none	Agnes (1972)	17.00	19.00	21.00
Covington	Jackson River below Dunlap Creek	6/21/1972	24.36	34,000	Major	C1	Agnes (1972)	17.00	21.50	23.00
Lick Run	James River	6/21/1972	27.01	66,200	Major	none	Agnes (1972)	16.00	22.00	25.00
Bremo Bluff	James River	6/22/1972	44.80	-9,999	Major	G2	Agnes (1972)	19.00	23.00	34.00
Buchanan	James River	6/22/1972	30.49	111,000	Major	none	Agnes (1972)	17.00	21.00	26.00
Cartersville	James River	6/22/1972	37.87	362,000	Major	none	Agnes (1972)	20.00	23.00	26.40
Holcomb Rock	James River	6/22/1972	32.38	126,000	Major	none	Agnes (1972)	22.00	24.00	28.00
Palmyra	Rivanna River	6/22/1972	37.34	73,400	Major	none	Agnes (1972)	17.00	25.00	32.00
Scottsville	James River	6/22/1972	34.02	301,000	Major	none	Agnes (1972)	20.00	22.00	24.00
Richmond	James River	6/23/1972	28.62	313,000	Major	C2	Agnes (1972)	12.00	15.00	22.00
Bremo Bluff	James River	10/6/1972	29.80	99,200	Moderate	G2	none	19.00	23.00	34.00
Cartersville	James River	10/6/1972	27.12	131,000	Major	none	none	20.00	23.00	26.40
Palmyra	Rivanna River	10/6/1972	31.07	45,800	Moderate	none	none	17.00	25.00	32.00
Scottsville	James River	10/6/1972	23.24	97,600	Moderate	none	none	20.00	22.00	24.00
Richmond	James River	10/7/1972	21.76	162,000	Moderate	C2	none	12.00	15.00	22.00
Palmyra	Rivanna River	11/15/1972	17.32	11,300	Minor	none	none	17.00	25.00	32.00

Site	Stream	Date of Flood	Crest	Flow	Category	Code	Tropical Name	Minor FS	Moderate FS	Major FS
Richmond	James River	11/15/1972	14.04	57,000	Minor	C2	none	12.00	15.00	22.00
Palmyra	Rivanna River	2/2/1973	21.07	16,000	Minor	none	none	17.00	25.00	32.00
Bremo Bluff	James River	2/3/1973	23.20	56,500	Moderate	G2	none	19.00	23.00	34.00
Buchanan	James River	2/3/1973	18.16	42,900	Minor	none	none	17.00	21.00	26.00
Cartersville	James River	2/3/1973	20.67	74,200	Minor	none	none	20.00	23.00	26.40
Lick Run	James River	2/3/1973	17.82	29,000	Minor	none	none	16.00	22.00	25.00
Richmond	James River	2/4/1973	16.46	82,700	Moderate	C2	none	12.00	15.00	22.00
Lick Run	James River	3/17/1973	18.66	31,200	Minor	none	none	16.00	22.00	25.00
Buchanan	James River	3/18/1973	19.23	47,300	Minor	none	none	17.00	21.00	26.00
Bremo Bluff	James River	3/19/1973	22.10	51,200	Minor	G2	none	19.00	23.00	34.00
Richmond	James River	3/19/1973	14.26	59,800	Minor	C2	none	12.00	15.00	22.00
Lick Run	James River	5/28/1973	19.44	33,500	Minor	none	none	16.00	22.00	25.00
Buchanan	James River	5/29/1973	20.38	52,900	Minor	none	none	17.00	21.00	26.00
Bremo Bluff	James River	5/30/1973	23.30	57,600	Moderate	G2	none	19.00	23.00	34.00
Richmond	James River	5/30/1973	14.82	64,600	Minor	C2	none	12.00	15.00	22.00
Palmyra	Rivanna River	12/21/1973	20.32	14,900	Minor	none	none	17.00	25.00	32.00
Bremo Bluff	James River	12/22/1973	21.70	49,400	Minor	G2	none	19.00	23.00	34.00
Richmond	James River	12/22/1973	15.66	73,900	Moderate	C2	none	12.00	15.00	22.00

Site	Stream	Date of Flood	Crest	Flow	Category	Code	Tropical Name	Minor FS	Moderate FS	Major FS
Buchanan	James River	12/27/1973	24.17	73,400	Moderate	none	none	17.00	21.00	26.00
Covington	Jackson River below Dunlap Creek	12/27/1973	22.09	28,000	Moderate	C1	none	17.00	21.50	23.00
Holcomb Rock	James River	12/27/1973	24.69	74,000	Moderate	none	none	22.00	24.00	28.00
Lick Run	James River	12/27/1973	24.77	54,200	Moderate	none	none	16.00	22.00	25.00
Bent Creek	James River	12/28/1973	18.00	71,500	Minor	none	none	16.00	22.00	27.50
Bremo Bluff	James River	12/28/1973	26.00	73,100	Moderate	G2	none	19.00	23.00	34.00
Scottsville	James River	12/28/1973	21.12	78,500	Minor	none	none	20.00	22.00	24.00
Cartersville	James River	12/29/1973	20.89	75,500	Minor	none	none	20.00	23.00	26.40
Richmond	James River	12/29/1973	15.94	76,100	Moderate	C2	none	12.00	15.00	22.00
Lick Run	James River	5/13/1974	17.51	28,300	Minor	none	none	16.00	22.00	25.00
Richmond	James River	9/8/1974	13.31	50,800	Minor	C2	none	12.00	15.00	22.00
Richmond	James River	3/16/1975	14.33	59,800	Minor	C2	none	12.00	15.00	22.00
Bent Creek	James River	3/19/1975	18.34	75,100	Minor	none	none	16.00	22.00	27.50
Scottsville	James River	3/19/1975	24.63	114,000	Major	none	none	20.00	22.00	24.00
Bremo Bluff	James River	3/20/1975	31.40	110,000	Moderate	G2	none	19.00	23.00	34.00
Buchanan	James River	3/20/1975	17.93	42,000	Minor	none	none	17.00	21.00	26.00
Cartersville	James River	3/20/1975	26.04	120,000	Moderate	none	none	20.00	23.00	26.40
Holcomb Rock	James River	3/20/1975	22.53	61,200	Minor	none	none	22.00	24.00	28.00

Site	Stream	Date of Flood	Crest	Flow	Category	Code	Tropical Name	Minor FS	Moderate FS	Major FS
Lick Run	James River	3/20/1975	17.79	28,900	Minor	none	none	16.00	22.00	25.00
Palmyra	Rivanna River	3/20/1975	26.38	28,100	Moderate	none	none	17.00	25.00	32.00
Richmond	James River	3/21/1975	20.08	133,000	Moderate	C2	none	12.00	15.00	22.00
Bremo Bluff	James River	9/25/1975	22.70	54,200	Minor	G2	Eloise (1975)	19.00	23.00	34.00
Covington	Jackson River below Dunlap Creek	9/26/1975	18.13	43,700	Minor	none	Eloise (1975)	17.00	21.50	23.00
Palmyra	Rivanna River	9/26/1975	23.46	20,300	Minor	none	Eloise (1975)	17.00	25.00	32.00
Richmond	James River	9/26/1975	16.10	78,300	Moderate	C2	Eloise (1975)	12.00	15.00	22.00
Lick Run	James River	1/1/1976	16.40	25,600	Minor	none	none	16.00	22.00	25.00
Palmyra	Rivanna River	1/1/1976	18.99	13,200	Minor	none	none	17.00	25.00	32.00
Richmond	James River	1/2/1976	14.08	57,900	Minor	C2	none	12.00	15.00	22.00
Palmyra	Rivanna River	1/28/1976	17.58	11,500	Minor	none	none	17.00	25.00	32.00
Lick Run	James River	10/9/1976	17.13	27,300	Minor	none	none	16.00	22.00	25.00
Bremo Bluff	James River	10/10/1976	23.50	58,300	Moderate	G2	none	19.00	23.00	34.00
Buchanan	James River	10/10/1976	17.00	38,300	Minor	none	none	17.00	21.00	26.00
Cartersville	James River	10/10/1976	20.60	73,900	Minor	none	none	20.00	23.00	26.40
Palmyra	Rivanna River	10/10/1976	22.41	18,100	Minor	none	none	17.00	25.00	32.00
Richmond	James River	10/11/1976	15.63	72,800	Moderate	C2	none	12.00	15.00	22.00
Covington	Jackson River below Dunlap Creek	4/5/1977	19.85	23,200	Minor	none	none	17.00	21.50	23.00

Site	Stream	Date of Flood	Crest	Flow	Category	Code	Tropical Name	Minor FS	Moderate FS	Major FS
Lick Run	James River	4/5/1977	22.54	43,700	Moderate	none	none	16.00	22.00	25.00
Bent Creek	James River	4/6/1977	16.66	61,600	Minor	none	none	16.00	22.00	27.50
Buchanan	James River	4/6/1977	22.81	66,000	Moderate	none	none	17.00	21.00	26.00
Holcomb Rock	James River	4/6/1977	23.47	66,700	Minor	none	none	22.00	24.00	28.00
Bremo Bluff	James River	4/7/1977	24.50	63,300	Moderate	G2	none	19.00	23.00	34.00
Richmond	James River	4/7/1977	14.88	65,600	Minor	C2	none	12.00	15.00	22.00
Palmyra	Rivanna River	1/9/1978	20.07	14,700	Minor	none	none	17.00	25.00	32.00
Covington	Jackson River below Dunlap Creek	1/26/1978	17.86	19,200	Minor	none	none	17.00	21.50	23.00
Holcomb Rock	James River	1/26/1978	25.59	79,700	Moderate	none	none	22.00	24.00	28.00
Lick Run	James River	1/26/1978	21.66	40,600	Minor	none	none	16.00	22.00	25.00
Palmyra	Rivanna River	1/26/1978	23.51	20,800	Minor	none	none	17.00	25.00	32.00
Bent Creek	James River	1/27/1978	18.38	75,400	Minor	none	none	16.00	22.00	27.50
Buchanan	James River	1/27/1978	22.31	63,200	Moderate	none	none	17.00	21.00	26.00
Cartersville	James River	1/27/1978	25.08	109,000	Moderate	none	none	20.00	23.00	26.40
Scottsville	James River	1/27/1978	22.23	88,400	Moderate	none	none	20.00	22.00	24.00
Bremo Bluff	James River	1/28/1978	29.30	96,100	Moderate	G2	none	19.00	23.00	34.00
Richmond	James River	1/28/1978	19.36	122,000	Moderate	C2	none	12.00	15.00	22.00
Buchanan	James River	3/15/1978	18.87	45,800	Minor	none	none	17.00	21.00	26.00

Site	Stream	Date of Flood	Crest	Flow	Category	Code	Tropical Name	Minor FS	Moderate FS	Major FS
Lick Run	James River	3/15/1978	18.01	29,400	Minor	none	none	16.00	22.00	25.00
Bremo Bluff	James River	3/16/1978	22.40	52,400	Minor	G2	none	19.00	23.00	34.00
Richmond	James River	3/17/1978	14.18	58,800	Minor	C2	none	12.00	15.00	22.00
Buchanan	James River	3/27/1978	18.72	45,200	Minor	none	none	17.00	21.00	26.00
Lick Run	James River	3/27/1978	18.54	30,800	Minor	none	none	16.00	22.00	25.00
Bremo Bluff	James River	3/28/1978	23.10	56,200	Moderate	G2	none	19.00	23.00	34.00
Richmond	James River	3/28/1978	14.55	62,600	Minor	C2	none	12.00	15.00	22.00
Bremo Bluff	James River	4/27/1978	22.70	54,200	Minor	G2	none	19.00	23.00	34.00
Richmond	James River	4/28/1978	15.12	67,600	Moderate	C2	none	12.00	15.00	22.00
Palmyra	Rivanna River	5/14/1978	18.63	12,800	Minor	none	none	17.00	25.00	32.00
Richmond	James River	1/23/1979	13.20	50,000	Minor	C2	none	12.00	15.00	22.00
Palmyra	Rivanna River	1/25/1979	17.29	11,200	Minor	none	none	17.00	25.00	32.00
Buchanan	James River	2/25/1979	19.91	50,600	Minor	none	none	17.00	21.00	26.00
Lick Run	James River	2/25/1979	18.04	29,400	Minor	none	none	16.00	22.00	25.00
Bent Creek	James River	2/26/1979	18.37	75,300	Minor	none	none	16.00	22.00	27.50
Bremo Bluff	James River	2/26/1979	30.00	100,700	Moderate	G2	none	19.00	23.00	34.00
Cartersville	James River	2/26/1979	26.33	123,000	Moderate	none	none	20.00	23.00	26.40
Holcomb Rock	James River	2/26/1979	24.56	73,300	Moderate	none	none	22.00	24.00	28.00

Site	Stream	Date of Flood	Crest	Flow	Category	Code	Tropical Name	Minor FS	Moderate FS	Major FS
Palmyra	Rivanna River	2/26/1979	23.58	21,000	Minor	none	none	17.00	25.00	32.00
Scottsville	James River	2/26/1979	22.63	92,300	Moderate	none	none	20.00	22.00	24.00
Richmond	James River	2/27/1979	20.38	138,000	Moderate	C2	none	12.00	15.00	22.00
Lick Run	James River	3/5/1979	16.50	25,800	Minor	none	none	16.00	22.00	25.00
Bremo Bluff	James River	3/6/1979	23.30	57,600	Moderate	G2	none	19.00	23.00	34.00
Richmond	James River	3/7/1979	15.02	66,600	Moderate	C2	none	12.00	15.00	22.00
Palmyra	Rivanna River	6/3/1979	22.64	18,800	Minor	none	none	17.00	25.00	32.00
Bremo Bluff	James River	6/4/1979	28.50	92,000	Moderate	G2	none	19.00	23.00	34.00
Cartersville	James River	6/4/1979	24.19	100,000	Moderate	none	none	20.00	23.00	26.40
Scottsville	James River	6/4/1979	21.28	79,800	Minor	none	none	20.00	22.00	24.00
Richmond	James River	6/5/1979	18.00	100,000	Moderate	C2	none	12.00	15.00	22.00
Palmyra	Rivanna River	9/6/1979	25.50	25,800	Moderate	none	David (1979)	17.00	25.00	32.00
Richmond	James River	9/7/1979	14.28	59,800	Minor	C2	David (1979)	12.00	15.00	22.00
Palmyra	Rivanna River	9/22/1979	24.45	23,100	Minor	none	none	17.00	25.00	32.00
Cartersville	James River	9/23/1979	21.86	82,700	Minor	none	none	20.00	23.00	26.40
Richmond	James River	9/24/1979	16.13	78,300	Moderate	C2	none	12.00	15.00	22.00
Richmond	James River	10/1/1979	13.52	52,600	Minor	C2	none	12.00	15.00	22.00
Palmyra	Rivanna River	4/9/1980	17.19	11,000	Minor	none	none	17.00	25.00	32.00

Site	Stream	Date of Flood	Crest	Flow	Category	Code	Tropical Name	Minor FS	Moderate FS	Major FS
Richmond	James River	4/11/1980	13.30	50,800	Minor	C2	none	12.00	15.00	22.00
Buchanan	James River	4/15/1980	18.29	43,500	Minor	F2	none	17.00	21.00	26.00
Bremo Bluff	James River	4/16/1980	23.60	59,000	Moderate	G2	none	19.00	23.00	34.00
Richmond	James River	4/16/1980	14.74	63,600	Minor	C2	none	12.00	15.00	22.00
Palmyra	Rivanna River	2/3/1982	18.27	12,300	Minor	none	none	17.00	25.00	32.00
Richmond	James River	2/5/1982	13.80	55,200	Minor	C2	none	12.00	15.00	22.00
Palmyra	Rivanna River	5/28/1982	18.31	12,300	Minor	none	none	17.00	25.00	32.00
Buchanan	James River	6/13/1982	18.37	43,400	Minor	F2	none	17.00	21.00	26.00
Holcomb Rock	James River	6/13/1982	23.67	67,900	Minor	F2	none	22.00	24.00	28.00
Lick Run	James River	6/13/1982	17.79	28,900	Minor	F2	none	16.00	22.00	25.00
Bent Creek	James River	6/14/1982	16.75	69,500	Minor	F2	none	16.00	22.00	27.50
Bremo Bluff	James River	6/14/1982	25.50	70,800	Moderate	G2	none	19.00	23.00	34.00
Palmyra	Rivanna River	6/14/1982	19.53	13,800	Minor	none	none	17.00	25.00	32.00
Scottsville	James River	6/14/1982	20.08	69,800	Minor	F2	none	20.00	22.00	24.00
Cartersville	James River	6/15/1982	20.91	76,000	Minor	none	none	20.00	23.00	26.40
Richmond	James River	6/15/1982	15.65	73,400	Moderate	C2	none	12.00	15.00	22.00
Palmyra	Rivanna River	4/3/1983	22.02	17,300	Minor	none	none	17.00	25.00	32.00
Richmond	James River	4/4/1983	14.14	58,300	Minor	C2	none	12.00	15.00	22.00

Site	Stream	Date of Flood	Crest	Flow	Category	Code	Tropical Name	Minor FS	Moderate FS	Major FS
Cartersville	James River	4/11/1983	20.26	71,900	Minor	none	none	20.00	23.00	26.40
Palmyra	Rivanna River	4/11/1983	21.87	17,000	Minor	none	none	17.00	25.00	32.00
Richmond	James River	4/12/1983	15.66	73,500	Moderate	C2	none	12.00	15.00	22.00
Richmond	James River	4/16/1983	13.20	50,000	Minor	C2	none	12.00	15.00	22.00
Palmyra	Rivanna River	4/24/1983	20.20	13,800	Minor	none	none	17.00	25.00	32.00
Richmond	James River	4/26/1983	13.78	55,100	Minor	C2	none	12.00	15.00	22.00
Buchanan	James River	2/14/1984	19.10	46,700	Minor	F2	none	17.00	21.00	26.00
Lick Run	James River	2/14/1984	17.30	27,800	Minor	F2	none	16.00	22.00	25.00
Bent Creek	James River	2/15/1984	16.11	64,400	Minor	F2	none	16.00	22.00	27.50
Holcomb Rock	James River	2/15/1984	22.63	61,800	Minor	F2	none	22.00	24.00	28.00
Palmyra	Rivanna River	2/15/1984	24.42	22,800	Minor	none	none	17.00	25.00	32.00
Cartersville	James River	2/16/1984	22.42	86,800	Minor	none	none	20.00	23.00	26.40
Richmond	James River	2/16/1984	17.27	91,700	Moderate	C2	none	12.00	15.00	22.00
Bremo Bluff	James River	3/15/1984	24.90	67,000	Moderate	G2	none	19.00	23.00	34.00
Bremo Bluff	James River	3/29/1984	24.00	61,900	Moderate	G2	none	19.00	23.00	34.00
Palmyra	Rivanna River	3/29/1984	23.76	21,200	Minor	none	none	17.00	25.00	32.00
Cartersville	James River	3/30/1984	21.62	81,000	Minor	none	none	20.00	23.00	26.40
Richmond	James River	3/30/1984	16.75	85,500	Moderate	C2	none	12.00	15.00	22.00

Site	Stream	Date of Flood	Crest	Flow	Category	Code	Tropical Name	Minor FS	Moderate FS	Major FS
Palmyra	Rivanna River	4/5/1984	18.10	11,200	Minor	none	none	17.00	25.00	32.00
Palmyra	Rivanna River	8/19/1985	19.57	12,900	Minor	none	Danny (1985)	17.00	25.00	32.00
Richmond	James River	8/19/1985	14.94	66,000	Minor	C2	Danny (1985)	12.00	15.00	22.00
Covington	Jackson River below Dunlap Creek	11/4/1985	23.31	31,300	Major	F2	Juan (1985)	17.00	21.50	23.00
Bent Creek	James River	11/5/1985	30.76	226,000	Major	F2	Juan (1985)	16.00	22.00	27.50
Buchanan	James River	11/5/1985	38.84	179,000	Major	F2	Juan (1985)	17.00	21.00	26.00
Buena Vista	Maury River	11/5/1985	26.30	72,100	Major	none	Juan (1985)	17.00	19.00	21.00
Holcomb Rock	James River	11/5/1985	42.15	207,000	Major	F2	Juan (1985)	22.00	24.00	28.00
Lick Run	James River	11/5/1985	30.22	87,500	Major	F2	Juan (1985)	16.00	22.00	25.00
Palmyra	Rivanna River	11/5/1985	26.53	31,800	Moderate	none	Juan (1985)	17.00	25.00	32.00
Bremo Bluff	James River	11/6/1985	40.70	207,600	Major	G2	Juan (1985)	19.00	23.00	34.00
Cartersville	James River	11/6/1985	32.60	225,000	Major	none	Juan (1985)	20.00	23.00	26.40
Scottsville	James River	11/6/1985	31.77	243,000	Major	F2	Juan (1985)	20.00	22.00	24.00
Richmond	James River	11/7/1985	24.77	218,000	Major	C2	Juan (1985)	12.00	15.00	22.00
Richmond	James River	3/3/1987	14.33	60,000	Minor	C2	none	12.00	15.00	22.00
Buchanan	James River	4/16/1987	24.81	76,100	Moderate	F2	none	17.00	21.00	26.00
Lick Run	James River	4/16/1987	20.23	38,000	Minor	F2	none	16.00	22.00	25.00
Bent Creek	James River	4/17/1987	21.73	115,000	Minor	F2	none	16.00	22.00	27.50

Site	Stream	Date of Flood	Crest	Flow	Category	Code	Tropical Name	Minor FS	Moderate FS	Major FS
Bremo Bluff	James River	4/17/1987	33.30	124,900	Moderate	G2	none	19.00	23.00	34.00
Holcomb Rock	James River	4/17/1987	28.36	97,900	Major	F2	none	22.00	24.00	28.00
Palmyra	Rivanna River	4/17/1987	25.59	28,700	Moderate	none	none	17.00	25.00	32.00
Scottsville	James River	4/17/1987	26.17	133,000	Major	F2	none	20.00	22.00	24.00
Cartersville	James River	4/18/1987	27.96	142,000	Major	none	none	20.00	23.00	26.40
Richmond	James River	4/18/1987	21.91	163,000	Moderate	C2	none	12.00	15.00	22.00
Holcomb Rock	James River	4/25/1987	22.59	61,500	Minor	F2	none	22.00	24.00	28.00
Bent Creek	James River	4/26/1987	16.67	68,900	Minor	F2	none	16.00	22.00	27.50
Cartersville	James River	4/26/1987	21.25	78,100	Minor	none	none	20.00	23.00	26.40
Scottsville	James River	4/26/1987	20.73	75,200	Minor	F2	none	20.00	22.00	24.00
Richmond	James River	4/27/1987	16.50	82,700	Moderate	C2	none	12.00	15.00	22.00
Bent Creek	James River	9/8/1987	20.25	101,000	Minor	F2	Tropical Depression	16.00	22.00	27.50
Holcomb Rock	James River	9/8/1987	24.20	71,100	Moderate	F2	Tropical Depression	22.00	24.00	28.00
Scottsville	James River	9/8/1987	24.56	114,000	Major	F2	Tropical Depression	20.00	22.00	24.00
Bremo Bluff	James River	9/9/1987	32.70	120,200	Moderate	G2	Tropical Depression	19.00	23.00	34.00
Cartersville	James River	9/9/1987	25.44	114,000	Moderate	none	Tropical Depression	20.00	23.00	26.40
Palmyra	Rivanna River	9/9/1987	26.65	32,200	Moderate	none	Tropical Depression	17.00	25.00	32.00
Richmond	James River	9/10/1987	18.53	108,000	Moderate	C2	Tropical Depression	12.00	15.00	22.00

Site	Stream	Date of Flood	Crest	Flow	Category	Code	Tropical Name	Minor FS	Moderate FS	Major FS
Richmond	James River	5/3/1989	15.06	67,200	Moderate	C2	none	12.00	15.00	22.00
Palmyra	Rivanna River	5/6/1989	26.33	31,100	Moderate	none	none	17.00	25.00	32.00
Scottsville	James River	5/6/1989	20.35	71,900	Minor	F2	none	20.00	22.00	24.00
Cartersville	James River	5/7/1989	23.38	93,800	Moderate	none	none	20.00	23.00	26.40
Richmond	James River	5/7/1989	17.70	96,900	Moderate	C2	none	12.00	15.00	22.00
Palmyra	Rivanna River	7/16/1989	19.92	14,600	Minor	none	none	17.00	25.00	32.00
Palmyra	Rivanna River	5/27/1990	18.73	12,700	Minor	none	none	17.00	25.00	32.00
Richmond	James River	5/30/1990	14.01	57,100	Minor	C2	none	12.00	15.00	22.00
Bremo Bluff	James River	10/23/1990	24.90	67,000	Moderate	G2	none	19.00	23.00	34.00
Cartersville	James River	10/24/1990	20.36	72,700	Minor	none	none	20.00	23.00	26.40
Palmyra	Rivanna River	10/24/1990	21.94	18,500	Minor	none	none	17.00	25.00	32.00
Richmond	James River	10/24/1990	15.17	68,300	Moderate	C2	none	12.00	15.00	22.00
Palmyra	Rivanna River	1/12/1991	19.75	14,300	Minor	none	none	17.00	25.00	32.00
Bremo Bluff	James River	1/13/1991	22.00	51,200	Minor	G2	none	19.00	23.00	34.00
Richmond	James River	1/13/1991	14.91	65,700	Minor	C2	none	12.00	15.00	22.00
Bremo Bluff	James River	3/5/1991	20.70	44,700	Minor	G2	none	19.00	23.00	34.00
Richmond	James River	3/6/1991	13.24	50,300	Minor	C2	none	12.00	15.00	22.00
Bremo Bluff	James River	2/27/1992	21.00	45,900	Minor	G2	none	19.00	23.00	34.00

Site	Stream	Date of Flood	Crest	Flow	Category	Code	Tropical Name	Minor FS	Moderate FS	Major FS
Bent Creek	James River	4/22/1992	21.02	108,000	Minor	F2	none	16.00	22.00	27.50
Buchanan	James River	4/22/1992	23.64	69,900	Moderate	F2	none	17.00	21.00	26.00
Buena Vista	Maury River	4/22/1992	18.99	35,100	Minor	none	none	17.00	19.00	21.00
Holcomb Rock	James River	4/22/1992	29.48	105,000	Major	F2	none	22.00	24.00	28.00
Lick Run	James River	4/22/1992	18.97	34,500	Minor	F2	none	16.00	22.00	25.00
Palmyra	Rivanna River	4/22/1992	23.77	23,200	Minor	none	none	17.00	25.00	32.00
Bremo Bluff	James River	4/23/1992	31.60	111,100	Moderate	G2	none	19.00	23.00	34.00
Cartersville	James River	4/23/1992	25.39	113,000	Moderate	none	none	20.00	23.00	26.40
Scottsville	James River	4/23/1992	25.31	123,000	Major	F2	none	20.00	22.00	24.00
Richmond	James River	4/24/1992	19.24	119,000	Moderate	C2	none	12.00	15.00	22.00
Bremo Bluff	James River	6/6/1992	19.50	39,300	Minor	G2	none	19.00	23.00	34.00
Palmyra	Rivanna River	11/24/1992	21.14	16,800	Minor	none	none	17.00	25.00	32.00
Palmyra	Rivanna River	12/11/1992	19.37	13,700	Minor	none	none	17.00	25.00	32.00
Lick Run	James River	3/4/1993	18.04	32,000	Minor	F2	none	16.00	22.00	25.00
Bent Creek	James River	3/5/1993	16.50	67,500	Minor	F2	none	16.00	22.00	27.50
Bremo Bluff	James River	3/5/1993	27.50	84,200	Moderate	G2	none	19.00	23.00	34.00
Buchanan	James River	3/5/1993	20.60	54,200	Minor	F2	none	17.00	21.00	26.00
Cartersville	James River	3/5/1993	24.18	101,000	Moderate	none	none	20.00	23.00	26.40

Site	Stream	Date of Flood	Crest	Flow	Category	Code	Tropical Name	Minor FS	Moderate FS	Major FS
Holcomb Rock	James River	3/5/1993	23.15	64,900	Minor	F2	none	22.00	24.00	28.00
Palmyra	Rivanna River	3/5/1993	26.25	30,800	Moderate	none	none	17.00	25.00	32.00
Scottsville	James River	3/5/1993	20.73	75,200	Minor	F2	none	20.00	22.00	24.00
Richmond	James River	3/6/1993	18.87	114,000	Moderate	C2	none	12.00	15.00	22.00
Bremo Bluff	James River	3/25/1993	23.00	56,200	Moderate	G2	none	19.00	23.00	34.00
Richmond	James River	3/26/1993	14.43	61,000	Minor	C2	none	12.00	15.00	22.00
Richmond	James River	3/29/1993	13.47	52,300	Minor	C2	none	12.00	15.00	22.00
Palmyra	Rivanna River	4/17/1993	17.11	10,500	Minor	none	none	17.00	25.00	32.00
Richmond	James River	4/17/1993	13.24	50,300	Minor	C2	none	12.00	15.00	22.00
Palmyra	Rivanna River	11/28/1993	22.48	19,800	Minor	none	none	17.00	25.00	32.00
Richmond	James River	11/29/1993	15.30	69,600	Moderate	C2	none	12.00	15.00	22.00
Palmyra	Rivanna River	2/24/1994	18.30	12,000	Minor	none	none	17.00	25.00	32.00
Richmond	James River	2/24/1994	13.72	54,500	Minor	C2	none	12.00	15.00	22.00
Bremo Bluff	James River	2/25/1994	19.50	39,300	Minor	G2	none	19.00	23.00	34.00
Richmond	James River	3/3/1994	13.45	52,100	Minor	C2	none	12.00	15.00	22.00
Palmyra	Rivanna River	3/28/1994	20.93	16,400	Minor	none	none	17.00	25.00	32.00
Bremo Bluff	James River	3/29/1994	25.70	71,100	Moderate	G2	none	19.00	23.00	34.00
Cartersville	James River	3/30/1994	22.29	85,100	Minor	none	none	20.00	23.00	26.40

Site	Stream	Date of Flood	Crest	Flow	Category	Code	Tropical Name	Minor FS	Moderate FS	Major FS
Richmond	James River	3/30/1994	17.48	94,300	Moderate	C2	none	12.00	15.00	22.00
Lick Run	James River	1/15/1995	19.26	35,400	Minor	F2	none	16.00	22.00	25.00
Bent Creek	James River	1/16/1995	17.57	76,400	Minor	F2	none	16.00	22.00	27.50
Buchanan	James River	1/16/1995	22.70	64,800	Moderate	F2	none	17.00	21.00	26.00
Holcomb Rock	James River	1/16/1995	24.80	74,700	Moderate	F2	none	22.00	24.00	28.00
Palmyra	Rivanna River	1/16/1995	19.24	13,500	Minor	none	none	17.00	25.00	32.00
Scottsville	James River	1/16/1995	21.71	84,300	Minor	F2	none	20.00	22.00	24.00
Bremo Bluff	James River	1/17/1995	27.50	84,200	Moderate	G2	none	19.00	23.00	34.00
Cartersville	James River	1/17/1995	21.96	82,500	Minor	none	none	20.00	23.00	26.40
Richmond	James River	1/18/1995	16.42	81,800	Moderate	C2	none	12.00	15.00	22.00
Buena Vista	Maury River	6/23/1995	17.99	31,900	Minor	none	none	17.00	19.00	21.00
Bremo Bluff	James River	6/24/1995	22.50	53,300	Minor	G2	none	19.00	23.00	34.00
Richmond	James River	6/24/1995	13.25	50,400	Minor	C2	none	12.00	15.00	22.00
Palmyra	Rivanna River	6/27/1995	17.58	11,100	Minor	none	none	17.00	25.00	32.00
Bent Creek	James River	6/28/1995	17.57	76,400	Minor	F2	none	16.00	22.00	27.50
Buena Vista	Maury River	6/28/1995	19.48	37,500	Minor	none	none	17.00	19.00	21.00
Holcomb Rock	James River	6/28/1995	26.87	87,800	Moderate	F2	none	22.00	24.00	28.00
Bremo Bluff	James River	6/29/1995	27.50	84,600	Moderate	G2	none	19.00	23.00	34.00

Site	Stream	Date of Flood	Crest	Flow	Category	Code	Tropical Name	Minor FS	Moderate FS	Major FS
Cartersville	James River	6/29/1995	21.68	80,800	Minor	none	none	20.00	23.00	26.40
Palmyra	Rivanna River	6/29/1995	19.36	13,700	Minor	none	none	17.00	25.00	32.00
Scottsville	James River	6/29/1995	21.70	84,200	Minor	F2	none	20.00	22.00	24.00
Richmond	James River	6/30/1995	16.26	80,000	Moderate	C2	none	12.00	15.00	22.00
Bent Creek	James River	1/19/1996	19.01	89,000	Minor	F2	none	16.00	22.00	27.50
Buena Vista	Maury River	1/19/1996	18.27	32,900	Minor	none	none	17.00	19.00	21.00
Covington	Jackson River below Dunlap Creek	1/19/1996	20.85	25,400	Minor	F2	none	17.00	21.50	23.00
Lick Run	James River	1/19/1996	25.14	57,800	Major	F1 F2	none	16.00	22.00	25.00
Bremo Bluff	James River	1/20/1996	33.50	127,400	Moderate	G2	none	19.00	23.00	34.00
Buchanan	James River	1/20/1996	29.24	103,000	Major	F2	none	17.00	21.00	26.00
Holcomb Rock	James River	1/20/1996	30.96	116,000	Major	F2	none	22.00	24.00	28.00
Palmyra	Rivanna River	1/20/1996	25.03	27,000	Moderate	none	none	17.00	25.00	32.00
Scottsville	James River	1/20/1996	26.02	131,000	Major	F2	none	20.00	22.00	24.00
Cartersville	James River	1/21/1996	26.45	124,000	Major	none	none	20.00	23.00	26.40
Richmond	James River	1/21/1996	20.61	141,000	Moderate	C2	none	12.00	15.00	22.00
Palmyra	Rivanna River	1/27/1996	17.93	11,600	Minor	none	none	17.00	25.00	32.00
Bremo Bluff	James River	1/28/1996	20.40	43,000	Minor	G2	none	19.00	23.00	34.00
Richmond	James River	1/29/1996	13.87	55,900	Minor	C2	none	12.00	15.00	22.00

Site	Stream	Date of Flood	Crest	Flow	Category	Code	Tropical Name	Minor FS	Moderate FS	Major FS
Bent Creek	James River	9/7/1996	19.28	91,500	Minor	F2	Fran (1996)	16.00	22.00	27.50
Bremo Bluff	James River	9/7/1996	36.60	-9,999	Major	G2	Fran (1996)	19.00	23.00	34.00
Buena Vista	Maury River	9/7/1996	18.90	35,300	Minor	none	Fran (1996)	17.00	19.00	21.00
Cartersville	James River	9/7/1996	28.96	158,000	Major	none	Fran (1996)	20.00	23.00	26.40
Holcomb Rock	James River	9/7/1996	22.61	61,800	Minor	F2	Fran (1996)	22.00	24.00	28.00
Palmyra	Rivanna River	9/7/1996	31.54	50,900	Moderate	none	Fran (1996)	17.00	25.00	32.00
Scottsville	James River	9/7/1996	28.25	167,000	Major	F2	Fran (1996)	20.00	22.00	24.00
Richmond	James River	9/8/1996	21.23	152,000	Moderate	C2	Fran (1996)	12.00	15.00	22.00
Buchanan	James River	12/2/1996	18.79	45,600	Minor	F2	none	17.00	21.00	26.00
Lick Run	James River	12/2/1996	16.43	27,900	Minor	F2	none	16.00	22.00	25.00
Bremo Bluff	James River	12/3/1996	25.20	-9,999	Moderate	G2	none	19.00	23.00	34.00
Cartersville	James River	12/3/1996	20.73	74,900	Minor	none	none	20.00	23.00	26.40
Richmond	James River	12/3/1996	15.72	74,500	Moderate	C2	none	12.00	15.00	22.00
Bremo Bluff	James River	3/5/1997	19.30	-9,999	Minor	G2	none	19.00	23.00	34.00
Lick Run	James River	1/8/1998	18.43	33,000	Minor	F2	none	16.00	22.00	25.00
Bent Creek	James River	1/9/1998	17.02	71,700	Minor	F2	none	16.00	22.00	27.50
Bremo Bluff	James River	1/9/1998	26.50	-9,999	Moderate	G2	none	19.00	23.00	34.00
Buchanan	James River	1/9/1998	19.95	51,000	Minor	F2	none	17.00	21.00	26.00

Site	Stream	Date of Flood	Crest	Flow	Category	Code	Tropical Name	Minor FS	Moderate FS	Major FS
Scottsville	James River	1/9/1998	21.13	78,800	Minor	F2	none	20.00	22.00	24.00
Cartersville	James River	1/10/1998	21.05	76,900	Minor	none	none	20.00	23.00	26.40
Richmond	James River	1/10/1998	15.70	74,300	Moderate	C2	none	12.00	15.00	22.00
Bremo Bluff	James River	1/28/1998	24.50	-9,999	Moderate	G2	none	19.00	23.00	34.00
Cartersville	James River	1/29/1998	21.87	82,000	Minor	none	none	20.00	23.00	26.40
Palmyra	Rivanna River	1/29/1998	21.97	18,500	Minor	none	none	17.00	25.00	32.00
Richmond	James River	1/29/1998	16.77	87,000	Moderate	C2	none	12.00	15.00	22.00
Bremo Bluff	James River	2/5/1998	24.50	-9,999	Moderate	G2	none	19.00	23.00	34.00
Cartersville	James River	2/5/1998	21.69	80,800	Minor	none	none	20.00	23.00	26.40
Palmyra	Rivanna River	2/5/1998	18.45	12,200	Minor	none	none	17.00	25.00	32.00
Richmond	James River	2/6/1998	16.73	86,500	Moderate	C2	none	12.00	15.00	22.00
Bremo Bluff	James River	2/18/1998	24.10	-9,999	Moderate	G2	none	19.00	23.00	34.00
Cartersville	James River	2/18/1998	21.91	82,200	Minor	none	none	20.00	23.00	26.40
Palmyra	Rivanna River	2/18/1998	23.96	23,800	Minor	none	none	17.00	25.00	32.00
Richmond	James River	2/19/1998	16.66	85,700	Moderate	C2	none	12.00	15.00	22.00
Bremo Bluff	James River	3/10/1998	22.30	-9,999	Minor	G2	none	19.00	23.00	34.00
Palmyra	Rivanna River	3/21/1998	18.75	12,700	Minor	none	none	17.00	25.00	32.00
Bremo Bluff	James River	3/22/1998	24.90	-9,999	Moderate	G2	none	19.00	23.00	34.00

Site	Stream	Date of Flood	Crest	Flow	Category	Code	Tropical Name	Minor FS	Moderate FS	Major FS
Cartersville	James River	3/22/1998	21.71	81,000	Minor	none	none	20.00	23.00	26.40
Richmond	James River	3/22/1998	16.76	86,900	Moderate	C2	none	12.00	15.00	22.00
Bremo Bluff	James River	4/21/1998	19.60	-9,999	Minor	G2	none	19.00	23.00	34.00
Palmyra	Rivanna River	5/8/1998	21.28	17,100	Minor	none	none	17.00	25.00	32.00
Bremo Bluff	James River	9/30/1999	26.30	-9,999	Moderate	G2	none	19.00	23.00	34.00
Cartersville	James River	9/30/1999	21.73	81,100	Minor	none	none	20.00	23.00	26.40
Palmyra	Rivanna River	9/30/1999	23.31	22,700	Minor	none	none	17.00	25.00	32.00
Scottsville	James River	9/30/1999	20.38	72,200	Minor	F2	none	20.00	22.00	24.00
Richmond	James River	10/1/2000	15.43	73,200	Moderate	C2	none	12.00	15.00	22.00
Lick Run	James River	2/22/2003	19.92	37,600	Minor	F2	none	16.00	22.00	25.00
Bent Creek	James River	2/23/2003	17.97	79,800	Minor	F2	none	16.00	22.00	27.50
Buchanan	James River	2/23/2003	24.03	72,000	Moderate	F2	none	17.00	21.00	26.00
Holcomb Rock	James River	2/23/2003	25.43	78,600	Moderate	F2	none	22.00	24.00	28.00
Palmyra	Rivanna River	2/23/2003	23.79	23,275	Minor	none	none	17.00	25.00	32.00
Bremo Bluff	James River	2/24/2003	29.20	-9,999	Moderate	G2	none	19.00	23.00	34.00
Cartersville	James River	2/24/2003	24.47	104,000	Moderate	none	none	20.00	23.00	26.40
Scottsville	James River	2/24/2003	22.58	92,800	Moderate	F2	none	20.00	22.00	24.00
Richmond	James River	2/25/2003	18.73	113,000	Moderate	C2	none	12.00	15.00	22.00

Site	Stream	Date of Flood	Crest	Flow	Category	Code	Tropical Name	Minor FS	Moderate FS	Major FS
Palmyra	Rivanna River	3/21/2003	20.68	15,970	Minor	none	none	17.00	25.00	32.00
Richmond	James River	3/21/2003	14.44	63,740	Minor	C2	none	12.00	15.00	22.00
Bremo Bluff	James River	4/12/2003	19.00	-9,999	Minor	G2	none	19.00	23.00	34.00
Richmond	James River	4/12/2003	12.99	50,931	Minor	C2	none	12.00	15.00	22.00
Buchanan	James River	5/19/2003	18.57	44,600	Minor	F2	none	17.00	21.00	26.00
Richmond	James River	5/20/2003	14.40	63,370	Minor	C2	none	12.00	15.00	22.00
Palmyra	Rivanna River	7/3/2003	21.32	17,687	Minor	none	Tropical Storm Bill (2003)	17.00	25.00	32.00
Richmond	James River	7/4/2003	13.33	53,830	Minor	C2	Tropical Storm Bill (2003)	12.00	15.00	22.00
Palmyra	Rivanna River	9/19/2003	25.91	30,000	Moderate	none	Isabel (2003)	17.00	25.00	32.00
Cartersville	James River	9/20/2003	22.89	89,825	Minor	none	Isabel (2003)	20.00	23.00	26.40
Buchanan	James River	11/20/2003	19.63	49,515	Minor	F2	none	17.00	21.00	26.00
Lick Run	James River	11/20/2003	18.09	32,110	Minor	F2	none	16.00	22.00	25.00
Richmond	James River	11/21/2003	14.57	62,400	Minor	C2	none	12.00	15.00	22.00
Palmyra	Rivanna River	12/11/2003	19.59	14,400	Minor	none	none	17.00	25.00	32.00
Richmond	James River	12/12/2003	13.54	53,723	Minor	C2	none	12.00	15.00	22.00
Richmond	James River	2/8/2004	12.61	46,496	Minor	C2	none	12.00	15.00	22.00
Bremo Bluff	James River	4/15/2004	20.10	-9,999	Minor	G2	none	19.00	23.00	34.00
Richmond	James River	4/15/2004	13.36	52,292	Minor	C2	none	12.00	15.00	22.00

Site	Stream	Date of Flood	Crest	Flow	Category	Code	Tropical Name	Minor FS	Moderate FS	Major FS
Palmyra	Rivanna River	9/9/2004	17.98	12,200	Minor	none	Frances (2004)	17.00	25.00	32.00
Bremo Bluff	James River	9/10/2004	19.20	-9,999	Minor	G2	Frances (2004)	19.00	23.00	34.00
Richmond	James River	9/10/2004	12.81	48,000	Minor	C2	Frances (2004)	12.00	15.00	22.00
Covington	Jackson River below Dunlap Creek	9/28/2004	17.27	18,100	Minor	F2	Jeanne (2004)	17.00	21.50	23.00
Bent Creek	James River	9/29/2004	16.97	71,300	Minor	F2	Jeanne (2004)	16.00	22.00	27.50
Buchanan	James River	9/29/2004	25.66	61,200	Moderate	F2	Jeanne (2004)	17.00	21.00	26.00
Holcomb Rock	James River	9/29/2004	24.35	71,900	Moderate	F2	Jeanne (2004)	22.00	24.00	28.00
Lick Run	James River	9/29/2004	21.69	43,700	Minor	F2	Jeanne (2004)	16.00	22.00	25.00
Palmyra	Rivanna River	9/29/2004	18.39	12,600	Minor	none	Jeanne (2004)	17.00	25.00	32.00
Bremo Bluff	James River	9/30/2004	26.00	-9,999	Moderate	G2	Jeanne (2004)	19.00	23.00	34.00
Cartersville	James River	9/30/2004	20.49	73,500	Minor	none	Jeanne (2004)	20.00	23.00	26.40
Scottsville	James River	9/30/2004	20.68	74,700	Minor	F2	Jeanne (2004)	20.00	22.00	24.00
Richmond	James River	10/1/2004	15.50	72,000	Moderate	C2	Jeanne (2004)	12.00	15.00	22.00
Palmyra	Rivanna River	1/14/2005	20.78	16,800	Minor	none	none	17.00	25.00	32.00
Richmond	James River	1/15/2005	14.40	60,800	Minor	C2	none	12.00	15.00	22.00
Richmond	James River	3/30/2005	12.17	43,200	Minor	C2	none	12.00	15.00	22.00
Bremo Bluff	James River	11/30/2005	21.51	-9,999	Minor	G2	none	19.00	23.00	34.00
Palmyra	Rivanna River	11/30/2005	19.53	14,300	Minor	none	none	17.00	25.00	32.00

Site	Stream	Date of Flood	Crest	Flow	Category	Code	Tropical Name	Minor FS	Moderate FS	Major FS
Richmond	James River	12/1/2005	14.36	60,500	Minor	C2	none	12.00	15.00	22.00
Buchanan	James River	6/26/2006	18.72	37,800	Minor	F2	none	17.00	21.00	26.00
Lick Run	James River	6/27/2006	19.79	37,100	Minor	F2	none	16.00	22.00	25.00
Scottsville	James River	6/27/2006	20.26	71,200	Minor	F2	none	20.00	22.00	24.00
Bremo Bluff	James River	6/28/2006	26.00	-9,999	Moderate	G2	none	19.00	23.00	34.00
Buchanan	James River	6/28/2006	21.98	48,300	Moderate	F2	none	17.00	21.00	26.00
Cartersville	James River	6/28/2006	21.15	77,500	Minor	none	none	20.00	23.00	26.40
Holcomb Rock	James River	6/28/2006	22.74	66,800	Minor	F2	none	22.00	24.00	28.00
Richmond	James River	6/29/2006	15.81	75,500	Moderate	C2	none	12.00	15.00	22.00
Palmyra	Rivanna River	10/7/2006	19.09	13,500	Minor	none	none	17.00	25.00	32.00
Bremo Bluff	James River	10/8/2006	21.90	-9,999	Minor	G2	none	19.00	23.00	34.00
Richmond	James River	10/8/2006	15.42	71,100	Moderate	C2	none	12.00	15.00	22.00
Bremo Bluff	James River	11/18/2006	21.00	-9,999	Minor	G2	none	19.00	23.00	34.00
Richmond	James River	11/18/2006	13.63	54,500	Minor	C2	none	12.00	15.00	22.00
Richmond	James River	3/4/2007	12.22	43,600	Minor	C2	none	12.00	15.00	22.00
Bremo Bluff	James River	3/18/2007	19.00	-9,999	Minor	G2	none	19.00	23.00	34.00
Richmond	James River	3/18/2007	12.92	48,900	Minor	C2	none	12.00	15.00	22.00
Buchanan	James River	4/16/2007	17.85	35,100	Minor	F2	none	17.00	21.00	26.00

Site	Stream	Date of Flood	Crest	Flow	Category	Code	Tropical Name	Minor FS	Moderate FS	Major FS
Lick Run	James River	4/16/2007	17.18	29,200	Minor	F2	none	16.00	22.00	25.00
Bremo Bluff	James River	4/17/2007	20.60	-9,999	Minor	G2	none	19.00	23.00	34.00
Richmond	James River	4/17/2007	13.82	56,000	Minor	C2	none	12.00	15.00	22.00
Bremo Bluff	James River	11/13/2009	20.10	-9,999	Minor	G2	Ida (2009)	19.00	23.00	34.00
Richmond	James River	11/14/2009	13.30	51,800	Minor	C2	Ida (2009)	12.00	15.00	22.00
Bremo Bluff	James River	12/10/2009	20.00	-9,999	Minor	G2	none	19.00	23.00	34.00
Richmond	James River	12/10/2009	13.74	55,300	Minor	C2	none	12.00	15.00	22.00
Richmond	James River	12/27/2009	13.31	51,900	Minor	C2	none	12.00	15.00	22.00
Lick Run	James River	1/25/2010	18.58	33,300	Minor	F2	none	16.00	22.00	25.00
Scottsville	James River	1/25/2010	22.10	88,500	Moderate	F2	none	20.00	22.00	24.00
Bent Creek	James River	1/26/2010	16.85	70,300	Minor	F2	none	16.00	22.00	27.50
Bremo Bluff	James River	1/26/2010	29.00	-9,999	Moderate	G2	none	19.00	23.00	34.00
Buchanan	James River	1/26/2010	20.17	42,400	Minor	F2	none	17.00	21.00	26.00
Cartersville	James River	1/26/2010	23.94	98,500	Moderate	none	none	20.00	23.00	26.40
Holcomb Rock	James River	1/26/2010	23.78	72,700	Minor	F2	none	22.00	24.00	28.00
Palmyra	Rivanna River	1/26/2010	23.52	23,300	Minor	none	none	17.00	25.00	32.00
Richmond	James River	1/27/2010	18.10	104,000	Moderate	none	none	12.00	15.00	22.00
Bremo Bluff	James River	3/15/2010	19.40	-9,999	Minor	G2	none	19.00	23.00	34.00

Site	Stream	Date of Flood	Crest	Flow	Category	Code	Tropical Name	Minor FS	Moderate FS	Major FS
Richmond	James River	3/15/2010	13.38	52,500	Minor	none	none	12.00	15.00	22.00
Bremo Bluff	James River	3/8/2011	19.00	-9,999	Minor	G2	none	19.00	23.00	34.00
Richmond	James River	3/8/2011	12.69	47,100	Minor	none	none	12.00	15.00	22.00
Bremo Bluff	James River	3/11/2011	21.50	-9,999	Minor	G2	none	19.00	23.00	34.00
Palmyra	Rivanna River	3/11/2011	17.79	20,400	Minor	none	none	17.00	25.00	32.00
Richmond	James River	3/12/2011	14.78	64,400	Minor	none	none	12.00	15.00	22.00
Palmyra	Rivanna River	4/17/2011	19.71	14,600	Minor	none	none	17.00	25.00	32.00
Bremo Bluff	James River	4/18/2011	23.50	-9,999	Moderate	G2	none	19.00	23.00	34.00
Richmond	James River	4/18/2011	15.07	67,400	Moderate	none	none	12.00	15.00	22.00
Palmyra	Rivanna River	5/18/2011	19.19	23,300	Minor	none	none	17.00	25.00	32.00
Palmyra	Rivanna River	12/8/2011	19.46	14,100	Minor	none	none	17.00	25.00	32.00
Bremo Bluff	James River	12/9/2011	22.50	-9,999	Minor	G2	none	19.00	23.00	34.00
Richmond	James River	12/9/2011	15.51	68,600	Moderate	none	none	12.00	15.00	22.00
Richmond	James River	3/3/2012	13.24	51,400	Minor	none	none	12.00	15.00	22.00
Richmond	James River	3/26/2012	13.63	41,400	Minor	none	none	12.00	15.00	22.00
Richmond	James River	5/16/2012	12.58	33,100	Minor	none	none	12.00	15.00	22.00
Richmond	James River	1/18/2013	12.64	33,500	Minor	none	none	12.00	15.00	22.00
Buchanan	James River	1/31/2013	17.50	34,100	Minor	F2	none	17.00	21.00	26.00

Site	Stream	Date of Flood	Crest	Flow	Category	Code	Tropical Name	Minor FS	Moderate FS	Major FS
Lick Run	James River	1/31/2013	16.53	27,400	Minor	F2	none	16.00	22.00	25.00
Palmyra	Rivanna River	1/31/2013	19.33	13,900	Minor	none	none	17.00	25.00	32.00
Bremo Bluff	James River	2/1/2013	22.90	-9,999	Minor	G2	none	19.00	23.00	34.00
Richmond	James River	2/2/2013	14.95	53,100	Minor	none	none	12.00	15.00	22.00
Lick Run	James River	5/7/2013	17.29	29,500	Minor	F2	none	16.00	22.00	25.00
Buchanan	James River	5/8/2013	19.58	40,500	Minor	F2	none	17.00	21.00	26.00
Bremo Bluff	James River	5/9/2013	24.60	-9,999	Moderate	G2	none	19.00	23.00	34.00
Richmond	James River	5/10/2013	15.00	66,700	Moderate	none	none	12.00	15.00	22.00
Bremo Bluff	James River	5/1/2014	19.00	-9,999	Minor	G2	none	19.00	23.00	34.00
Palmyra	Rivanna River	5/1/2014	21.50	18,400	Minor	none	none	17.00	25.00	32.00
Richmond	James River	5/1/2014	14.92	65,800	Minor	none	none	12.00	15.00	22.00
Cartersville	James River	5/16/2014	20.50	73,500	Minor	none	none	20.00	23.00	26.40
Palmyra	Rivanna River	5/16/2014	24.72	26,500	Minor	none	none	17.00	25.00	32.00
Bremo Bluff	James River	5/17/2014	23.60	-9,999	Moderate	G2	none	19.00	23.00	34.00
Richmond	James River	5/17/2014	15.36	70,500	Moderate	none	none	12.00	15.00	22.00
Bremo Bluff	James River	3/7/2015	19.70	-9,999	Minor	G2	none	19.00	23.00	34.00
Richmond	James River	3/7/2015	12.71	47,300	Minor	none	none	12.00	15.00	22.00
Palmyra	Rivanna River	4/20/2015	17.78	12,000	Minor	none	none	17.00	25.00	32.00

Site	Stream	Date of Flood	Crest	Flow	Category	Code	Tropical Name	Minor FS	Moderate FS	Major FS
Richmond	James River	4/22/2015	12.18	43,300	Minor	none	none	12.00	15.00	22.00
Richmond	James River	2/5/2016	12.02	42,100	Minor	none	none	12.00	15.00	22.00
Richmond	James River	2/25/2016	13.40	52,600	Minor	none	none	12.00	15.00	22.00
Covington	Jackson River below Dunlap Creek	6/23/2016	22.41	27,100	Moderate	F2	none	17.00	21.50	23.00
Buchanan	James River	6/24/2016	20.33	42,900	Minor	F2	none	17.00	21.00	26.00
Lick Run	James River	6/24/2016	22.84	48,000	Moderate	F2	none	16.00	22.00	25.00
Bremo Bluff	James River	6/25/2016	19.90	-9,999	Minor	G2	none	19.00	23.00	34.00
Richmond	James River	6/26/2016	12.17	43,200	Minor	none	none	12.00	15.00	22.00

Search Criteria

Site: Not Specified
 Stream: Not Specified
 Major Basin: Not Specified
 Basin: James

Weather Type: Not Specified
 Tropical Name: Not Specified
 Category: Not Specified
 WFO: Not Specified

County of Gage: Not Specified
 County of Forecast Point: Not Specified
 State: Not Specified
 Start Date: 01/01/1687
 End Date: 12/31/2016

-9999 signifies missing data

MARFC Codes

- | Code | Description |
|------|--|
| C1 | Crest information looks unreliable and incomplete and not used in frequency calculations. Some of the floods are based on current flood stage and nearby gage information. |
| C2 | Crest information looks reliable despite potential problems. This data was used in frequency calculations. |
| C3 | Crest height estimated by the USGS. |
| C4 | Crest height is from the National Weather Service. |
| C5 | Crest height affected by backwater. |
| C6 | Crest occurred at a previous flood stage that is lower than the current flood stage. The crests below the new flood stage are not used in flood frequency calculations. |
| C7 | Crest from USGS yearly peak and/or date is different than the crest we provide. In many cases MARFC uses crest based on backwater or ice effects. Crest month or day of occurrence has been estimated by The Middle Atlantic River Forecast Center usually based on nearby gage information. |
| C8 | Crest date (day) in the month is unknown. |
| C9 | Flow is an estimate. |
| F1 | Flow affected by regulation or diversion and in some cases to an unknown degree. |
| F2 | Flow effected by snow-melt, ice jam or debris jam break up. |
| F3 | Flow affected by dam failure. |
| F4 | Flow - All or part of the record affected by urbanization, mining, agricultural changes, channelization or other factors. |
| F5 | Gage height at a different site and/or datum. |
| G1 | Gage is not an official USGS gage with crests provided by the NWS. Crest information looks unreliable and incomplete and not used in flood frequency calculations. |
| G2 | Gage datum changed during this year |