

MARFC Historic Floods

Site	Stream	Date of Flood	Crest	Flow	Category	Code	Tropical Name	Minor FS	Moderate FS	Major FS
Millville	Shenandoah River	9/30/1870	26.40	151,000	Major	C1 C3 C8 F1	none	10.00	14.00	17.00
Virginia	Shenandoah River	10/3/1877	-9999.00	-9,999	Missing	C1	none	-99.99	-99.99	-99.99
Cootes Store	Shenandoah River	11/25/1877	20.90	-9,999	Moderate	C1 C8	none	15.00	18.00	21.00
Cootes Store	Shenandoah River	6/1/1889	18.80	-9,999	Moderate	C1 C8	none	15.00	18.00	21.00
Luray	South Fork Shenandoah River	10/1/1896	25.40	-9,999	Major	C1 C8	Unnamed (1896)	14.00	20.00	25.00
Millville	Shenandoah River	10/1/1896	19.72	105,000	Major	C1 G1	Unnamed (1896)	10.00	14.00	17.00
Front Royal	Shenandoah River	4/21/1901	-9999.00	46,200	Missing	C1 F1 G1	none	12.00	14.00	18.00
Millville	Shenandoah River	4/22/1901	16.00	74,000	Moderate	C1 G1	none	10.00	14.00	17.00
Millville	Shenandoah River	2/27/1902	-9999.00	70,000	Missing	C1 F1 G1	none	10.00	14.00	17.00
Front Royal	Shenandoah River	3/1/1902	23.50	76,800	Major	C1 G1	none	12.00	14.00	18.00
Front Royal	Shenandoah River	3/1/1903	13.70	22,800	Minor	C1 G1	none	12.00	14.00	18.00
Cootes Store	Shenandoah River	5/12/1924	16.70	17,800	Minor	C1 C4 C8	none	15.00	18.00	21.00
Luray	South Fork Shenandoah River	5/12/1924	22.50	72,800	Moderate	C1 C4 C8	none	14.00	20.00	25.00
Millville	Shenandoah River	5/13/1924	21.10	119,000	Major	C1 F1 G1	none	10.00	14.00	17.00
Cootes Store	Shenandoah River	4/16/1929	15.40	14,600	Minor	C1	none	15.00	18.00	21.00
Millville	Shenandoah River	4/17/1929	13.70	39,900	Minor	G3	none	10.00	14.00	17.00
Millville	Shenandoah River	4/21/1933	13.67	39,900	Minor	C6	none	10.00	14.00	17.00

Site	Stream	Date of Flood	Crest	Flow	Category	Code	Tropical Name	Minor FS	Moderate FS	Major FS
Cootes Store	Shenandoah River	12/1/1934	19.00	24,600	Moderate	C1	none	15.00	18.00	21.00
Lynnwood	Shenandoah River	12/1/1934	21.62	45,600	Major	none	none	16.00	17.00	20.00
Front Royal	Shenandoah River	12/2/1934	17.99	47,400	Moderate	none	none	12.00	14.00	18.00
Millville	Shenandoah River	12/2/1934	17.40	64,800	Major	C6	none	10.00	14.00	17.00
Strasburg	North Fork Shenandoah River	12/2/1934	18.99	20,500	Minor	none	none	17.00	20.00	25.00
Front Royal	Shenandoah River	9/6/1935	12.94	27,500	Minor	none	Labor Day Hurricane	12.00	14.00	18.00
Front Royal	Shenandoah River	2/16/1936	12.90	27,500	Minor	none	none	12.00	14.00	18.00
Millville	Shenandoah River	2/17/1936	13.94	19,000	Minor	C6	none	10.00	14.00	17.00
Cootes Store	Shenandoah River	3/17/1936	23.25	40,500	Major	C1	none	15.00	18.00	21.00
Front Royal	Shenandoah River	3/18/1936	26.01	98,000	Major	none	none	12.00	14.00	18.00
Luray	South Fork Shenandoah River	3/18/1936	23.60	81,600	Moderate	C1	none	14.00	20.00	25.00
Lynnwood	Shenandoah River	3/18/1936	26.57	77,000	Major	none	none	16.00	17.00	20.00
Millville	Shenandoah River	3/18/1936	26.36	151,000	Major	C6	none	10.00	14.00	17.00
Strasburg	North Fork Shenandoah River	3/18/1936	30.21	89,000	Major	none	none	17.00	20.00	25.00
Cootes Store	Shenandoah River	4/25/1937	17.00	186,000	Minor	C1	none	15.00	18.00	21.00
Lynnwood	Shenandoah River	4/26/1937	20.48	39,800	Major	none	none	16.00	17.00	20.00
Strasburg	North Fork Shenandoah River	4/26/1937	20.93	24,900	Moderate	none	none	17.00	20.00	25.00
Front Royal	Shenandoah River	4/27/1937	18.94	51,500	Major	none	none	12.00	14.00	18.00

Site	Stream	Date of Flood	Crest	Flow	Category	Code	Tropical Name	Minor FS	Moderate FS	Major FS
Millville	Shenandoah River	4/27/1937	20.20	87,400	Major	C6	none	10.00	14.00	17.00
Front Royal	Shenandoah River	8/17/1940	15.86	40,400	Moderate	none	Southeast Hurricane	12.00	14.00	18.00
Luray	South Fork Shenandoah River	8/17/1940	17.87	41,100	Minor	C1	Southeast Hurricane	14.00	20.00	25.00
Lynnwood	Shenandoah River	8/17/1940	19.86	33,100	Moderate	none	Southeast Hurricane	16.00	17.00	20.00
Millville	Shenandoah River	8/18/1940	13.70	40,100	Minor	C6	Southeast Hurricane	10.00	14.00	17.00
Lynnwood	Shenandoah River	5/16/1942	16.97	23,200	Minor	none	none	16.00	17.00	20.00
Cootes Store	Shenandoah River	5/22/1942	16.93	18,300	Minor	none	none	15.00	18.00	21.00
Lynnwood	Shenandoah River	5/22/1942	20.37	36,300	Major	none	none	16.00	17.00	20.00
Front Royal	Shenandoah River	5/23/1942	16.20	41,400	Moderate	none	none	12.00	14.00	18.00
Luray	South Fork Shenandoah River	5/23/1942	17.82	40,500	Minor	C1	none	14.00	20.00	25.00
Strasburg	North Fork Shenandoah River	5/23/1942	19.28	21,400	Minor	none	none	17.00	20.00	25.00
Millville	Shenandoah River	5/24/1942	16.28	56,100	Moderate	C6	none	10.00	14.00	17.00
Cootes Store	Shenandoah River	10/15/1942	25.30	50,000	Major	none	Unnamed (1942)	15.00	18.00	21.00
Lynnwood	Shenandoah River	10/15/1942	27.20	80,000	Major	none	Unnamed (1942)	16.00	17.00	20.00
Waynesboro	South River	10/15/1942	14.30	14,500	Major	C1 C8	Unnamed (1942)	9.50	11.00	13.00
Front Royal	Shenandoah River	10/16/1942	34.80	130,000	Major	none	Unnamed (1942)	12.00	14.00	18.00
Luray	South Fork Shenandoah River	10/16/1942	25.70	100,000	Major	C1	Unnamed (1942)	14.00	20.00	25.00
Millville	Shenandoah River	10/16/1942	32.40	230,000	Major	C6	Unnamed (1942)	10.00	14.00	17.00

Site	Stream	Date of Flood	Crest	Flow	Category	Code	Tropical Name	Minor FS	Moderate FS	Major FS
Strasburg	North Fork Shenandoah River	10/16/1942	31.20	100,000	Major	none	Unnamed (1942)	17.00	20.00	25.00
Cootes Store	Shenandoah River	9/18/1945	15.90	15,800	Minor	none	Unnamed (1945)	15.00	18.00	21.00
Lynnwood	Shenandoah River	9/18/1945	21.70	42,800	Major	none	Unnamed (1945)	16.00	17.00	20.00
Front Royal	Shenandoah River	9/19/1945	17.80	49,200	Moderate	none	Unnamed (1945)	12.00	14.00	18.00
Luray	South Fork Shenandoah River	9/19/1945	18.36	44,100	Minor	C1	Unnamed (1945)	14.00	20.00	25.00
Strasburg	North Fork Shenandoah River	9/19/1945	20.40	24,000	Moderate	none	Unnamed (1945)	17.00	20.00	25.00
Millville	Shenandoah River	9/20/1945	17.10	61,800	Major	C6	Unnamed (1945)	10.00	14.00	17.00
Lynnwood	Shenandoah River	12/4/1948	16.40	21,500	Minor	none	none	16.00	17.00	20.00
Front Royal	Shenandoah River	12/5/1948	12.31	25,400	Minor	none	none	12.00	14.00	18.00
Luray	South Fork Shenandoah River	6/18/1949	20.46	58,100	Moderate	C1	none	14.00	20.00	25.00
Lynnwood	Shenandoah River	6/18/1949	23.60	53,600	Major	none	none	16.00	17.00	20.00
Front Royal	Shenandoah River	6/19/1949	19.20	52,900	Major	none	none	12.00	14.00	18.00
Millville	Shenandoah River	6/20/1949	15.92	53,400	Moderate	C6	none	10.00	14.00	17.00
Lynnwood	Shenandoah River	12/4/1950	16.20	20,900	Minor	none	none	16.00	17.00	20.00
Front Royal	Shenandoah River	12/5/1950	13.64	30,000	Minor	none	none	12.00	14.00	18.00
Millville	Shenandoah River	12/5/1950	14.72	45,700	Minor	C6	none	10.00	14.00	17.00
Luray	South Fork Shenandoah River	12/8/1950	15.18	26,900	Minor	C1	none	14.00	20.00	25.00
Lynnwood	Shenandoah River	12/8/1950	16.88	22,900	Minor	none	none	16.00	17.00	20.00

Site	Stream	Date of Flood	Crest	Flow	Category	Code	Tropical Name	Minor FS	Moderate FS	Major FS
Millville	Shenandoah River	4/29/1952	14.24	42,900	Minor	C6	none	10.00	14.00	17.00
Front Royal	Shenandoah River	3/26/1953	12.44	25,800	Minor	none	none	12.00	14.00	18.00
Strasburg	North Fork Shenandoah River	10/16/1954	18.25	19,300	Minor	none	Hazel (1954)	17.00	20.00	25.00
Cootes Store	Shenandoah River	8/18/1955	16.60	17,500	Minor	none	Diane (1955)	15.00	18.00	21.00
Lynnwood	Shenandoah River	8/18/1955	22.94	46,800	Major	none	Diane (1955)	16.00	17.00	20.00
Strasburg	North Fork Shenandoah River	8/18/1955	23.55	36,100	Moderate	none	Diane (1955)	17.00	20.00	25.00
Waynesboro	South River	8/18/1955	13.95	13,500	Major	none	Diane (1955)	9.50	11.00	13.00
Front Royal	Shenandoah River	8/19/1955	22.54	68,200	Major	none	Diane (1955)	12.00	14.00	18.00
Millville	Shenandoah River	8/19/1955	21.45	99,000	Major	C6	Diane (1955)	10.00	14.00	17.00
Waynesboro	South River	8/20/1969	15.27	17,400	Major	none	Camille (1969)	9.50	11.00	13.00
Cootes Store	Shenandoah River	7/9/1970	16.55	17,400	Minor	none	none	15.00	18.00	21.00
Lynnwood	Shenandoah River	5/30/1971	19.43	31,700	Moderate	none	none	16.00	17.00	20.00
Waynesboro	South River	5/30/1971	9.99	5,690	Minor	none	none	9.50	11.00	13.00
Front Royal	Shenandoah River	5/31/1971	17.86	46,600	Moderate	none	none	12.00	14.00	18.00
Millville	Shenandoah River	6/1/1971	17.04	61,300	Major	C6	none	10.00	14.00	17.00
Waynesboro	South River	6/21/1972	14.25	14,400	Major	none	Agnes (1972)	9.50	11.00	13.00
Front Royal	Shenandoah River	6/22/1972	23.98	75,100	Major	none	Agnes (1972)	12.00	14.00	18.00
Lynnwood	Shenandoah River	6/22/1972	23.45	50,700	Major	none	Agnes (1972)	16.00	17.00	20.00

Site	Stream	Date of Flood	Crest	Flow	Category	Code	Tropical Name	Minor FS	Moderate FS	Major FS
Strasburg	North Fork Shenandoah River	6/22/1972	20.88	25,100	Moderate	none	Agnes (1972)	17.00	20.00	25.00
Millville	Shenandoah River	6/23/1972	21.89	103,000	Major	C6	Agnes (1972)	10.00	14.00	17.00
Cootes Store	Shenandoah River	10/5/1972	19.50	26,400	Moderate	none	none	15.00	18.00	21.00
Waynesboro	South River	10/5/1972	11.41	8,040	Moderate	none	none	9.50	11.00	13.00
Lynnwood	Shenandoah River	10/6/1972	21.92	42,600	Major	none	none	16.00	17.00	20.00
Strasburg	North Fork Shenandoah River	10/6/1972	23.48	35,700	Moderate	none	none	17.00	20.00	25.00
Front Royal	Shenandoah River	10/7/1972	21.35	62,500	Major	none	none	12.00	14.00	18.00
Millville	Shenandoah River	10/7/1972	20.02	86,200	Major	C6	none	10.00	14.00	17.00
Front Royal	Shenandoah River	12/27/1973	13.32	29,000	Minor	none	none	12.00	14.00	18.00
Strasburg	North Fork Shenandoah River	12/27/1973	17.33	18,000	Minor	none	none	17.00	20.00	25.00
Millville	Shenandoah River	12/28/1973	14.78	46,200	Minor	C6	none	10.00	14.00	17.00
Cootes Store	Shenandoah River	3/19/1975	17.29	19,500	Minor	none	none	15.00	18.00	21.00
Lynnwood	Shenandoah River	3/19/1975	20.44	35,800	Major	none	none	16.00	17.00	20.00
Waynesboro	South River	3/19/1975	10.30	6,180	Minor	none	none	9.50	11.00	13.00
Front Royal	Shenandoah River	3/20/1975	18.74	50,500	Major	none	none	12.00	14.00	18.00
Strasburg	North Fork Shenandoah River	3/20/1975	21.22	26,100	Moderate	none	none	17.00	20.00	25.00
Millville	Shenandoah River	3/21/1975	18.86	75,900	Major	C6	none	10.00	14.00	17.00
Cootes Store	Shenandoah River	10/9/1976	16.98	18,500	Minor	none	none	15.00	18.00	21.00

Site	Stream	Date of Flood	Crest	Flow	Category	Code	Tropical Name	Minor FS	Moderate FS	Major FS
Lynnwood	Shenandoah River	10/9/1976	17.99	26,500	Moderate	none	none	16.00	17.00	20.00
Front Royal	Shenandoah River	10/10/1976	14.12	31,900	Moderate	none	none	12.00	14.00	18.00
Strasburg	North Fork Shenandoah River	10/10/1976	19.33	21,800	Minor	none	none	17.00	20.00	25.00
Millville	Shenandoah River	10/11/1976	15.30	49,400	Moderate	C6	none	10.00	14.00	17.00
Front Royal	Shenandoah River	11/8/1977	12.03	24,400	Minor	none	none	12.00	14.00	18.00
Lynnwood	Shenandoah River	1/26/1978	16.74	22,700	Minor	none	none	16.00	17.00	20.00
Front Royal	Shenandoah River	1/27/1978	14.13	32,000	Moderate	none	none	12.00	14.00	18.00
Millville	Shenandoah River	1/27/1978	15.08	48,000	Moderate	C6	none	10.00	14.00	17.00
Strasburg	North Fork Shenandoah River	1/27/1978	17.21	17,800	Minor	none	none	17.00	20.00	25.00
Front Royal	Shenandoah River	3/15/1978	12.33	25,500	Minor	none	none	12.00	14.00	18.00
Millville	Shenandoah River	3/16/1978	14.13	42,300	Minor	C6	none	10.00	14.00	17.00
Front Royal	Shenandoah River	2/26/1979	14.43	33,100	Moderate	none	none	12.00	14.00	18.00
Millville	Shenandoah River	2/26/1979	16.03	54,200	Moderate	C6	none	10.00	14.00	17.00
Cootes Store	Shenandoah River	9/5/1979	15.69	15,500	Minor	none	David (1979)	15.00	18.00	21.00
Waynesboro	South River	9/5/1979	11.37	7,970	Moderate	none	David (1979)	9.50	11.00	13.00
Luray	South Fork Shenandoah River	9/6/1979	15.73	32,700	Minor	C1	David (1979)	14.00	20.00	25.00
Lynnwood	Shenandoah River	9/6/1979	17.89	26,200	Moderate	none	David (1979)	16.00	17.00	20.00
Front Royal	Shenandoah River	9/7/1979	13.92	31,200	Minor	none	David (1979)	12.00	14.00	18.00

Site	Stream	Date of Flood	Crest	Flow	Category	Code	Tropical Name	Minor FS	Moderate FS	Major FS
Millville	Shenandoah River	9/7/1979	13.93	41,100	Minor	C6	David (1979)	10.00	14.00	17.00
Cootes Store	Shenandoah River	10/2/1979	15.25	14,600	Minor	none	none	15.00	18.00	21.00
Front Royal	Shenandoah River	3/20/1983	12.61	26,500	Minor	none	none	12.00	14.00	18.00
Luray	South Fork Shenandoah River	2/14/1984	15.62	32,300	Minor	C1	none	14.00	20.00	25.00
Front Royal	Shenandoah River	2/15/1984	15.85	38,500	Moderate	none	none	12.00	14.00	18.00
Millville	Shenandoah River	2/15/1984	16.66	58,600	Moderate	C6	none	10.00	14.00	17.00
Front Royal	Shenandoah River	3/30/1984	12.86	27,400	Minor	none	none	12.00	14.00	18.00
Millville	Shenandoah River	3/30/1984	14.49	44,400	Minor	C6	none	10.00	14.00	17.00
Cootes Store	Shenandoah River	11/4/1985	25.13	49,200	Major	none	Juan (1985)	15.00	18.00	21.00
Waynesboro	South River	11/4/1985	15.30	17,500	Major	none	Juan (1985)	9.50	11.00	13.00
Luray	South Fork Shenandoah River	11/5/1985	26.72	110,000	Major	C1	Juan (1985)	14.00	20.00	25.00
Lynnwood	Shenandoah River	11/5/1985	29.46	95,100	Major	none	Juan (1985)	16.00	17.00	20.00
Strasburg	North Fork Shenandoah River	11/5/1985	27.37	62,600	Major	none	Juan (1985)	17.00	20.00	25.00
Front Royal	Shenandoah River	11/6/1985	32.43	120,000	Major	none	Juan (1985)	12.00	14.00	18.00
Millville	Shenandoah River	11/6/1985	25.60	142,000	Major	C6	Juan (1985)	10.00	14.00	17.00
Luray	South Fork Shenandoah River	4/17/1987	18.50	47,000	Minor	C1	none	14.00	20.00	25.00
Lynnwood	Shenandoah River	4/17/1987	19.29	33,900	Moderate	none	none	16.00	17.00	20.00
Strasburg	North Fork Shenandoah River	4/17/1987	18.27	19,800	Minor	none	none	17.00	20.00	25.00

Site	Stream	Date of Flood	Crest	Flow	Category	Code	Tropical Name	Minor FS	Moderate FS	Major FS
Waynesboro	South River	4/17/1987	9.58	5,110	Minor	none	none	9.50	11.00	13.00
Front Royal	Shenandoah River	4/18/1987	18.51	49,400	Major	none	none	12.00	14.00	18.00
Millville	Shenandoah River	4/18/1987	17.44	64,500	Major	C6	none	10.00	14.00	17.00
Luray	South Fork Shenandoah River	4/22/1992	16.33	35,600	Minor	C1	none	14.00	20.00	25.00
Lynnwood	Shenandoah River	4/22/1992	17.91	28,700	Moderate	none	none	16.00	17.00	20.00
Front Royal	Shenandoah River	4/23/1992	15.03	35,300	Moderate	none	none	12.00	14.00	18.00
Millville	Shenandoah River	4/23/1992	15.36	52,400	Moderate	C6	none	10.00	14.00	17.00
Lynnwood	Shenandoah River	3/4/1993	19.45	34,500	Moderate	none	none	16.00	17.00	20.00
Front Royal	Shenandoah River	3/5/1993	16.55	41,200	Moderate	none	none	12.00	14.00	18.00
Luray	South Fork Shenandoah River	3/5/1993	17.18	39,700	Minor	C1	none	14.00	20.00	25.00
Strasburg	North Fork Shenandoah River	3/5/1993	19.06	21,300	Minor	none	none	17.00	20.00	25.00
Millville	Shenandoah River	3/6/1993	16.60	60,900	Moderate	C6	none	10.00	14.00	17.00
Cootes Store	Shenandoah River	8/17/1994	15.26	14,800	Minor	none	Beryl (1994)	15.00	18.00	21.00
Cootes Store	Shenandoah River	1/19/1996	19.71	27,000	Moderate	none	none	15.00	18.00	21.00
Lynnwood	Shenandoah River	1/19/1996	24.88	62,500	Major	none	none	16.00	17.00	20.00
Waynesboro	South River	1/19/1996	13.58	12,500	Major	none	none	9.50	11.00	13.00
Front Royal	Shenandoah River	1/20/1996	25.20	81,000	Major	none	none	12.00	14.00	18.00
Millville	Shenandoah River	1/20/1996	23.61	121,000	Major	C6	none	10.00	14.00	17.00

Site	Stream	Date of Flood	Crest	Flow	Category	Code	Tropical Name	Minor FS	Moderate FS	Major FS
Strasburg	North Fork Shenandoah River	1/20/1996	27.96	67,600	Major	none	none	17.00	20.00	25.00
Cootes Store	Shenandoah River	9/6/1996	27.86	63,400	Major	none	Fran (1996)	15.00	18.00	21.00
Waynesboro	South River	9/6/1996	13.46	12,300	Major	none	Fran (1996)	9.50	11.00	13.00
Front Royal	Shenandoah River	9/7/1996	32.57	121,000	Major	none	Fran (1996)	12.00	14.00	18.00
Luray	South Fork Shenandoah River	9/7/1996	26.95	112,000	Major	C1	Fran (1996)	14.00	20.00	25.00
Lynnwood	Shenandoah River	9/7/1996	30.84	107,000	Major	none	Fran (1996)	16.00	17.00	20.00
Strasburg	North Fork Shenandoah River	9/7/1996	32.27	114,000	Major	none	Fran (1996)	17.00	20.00	25.00
Millville	Shenandoah River	9/8/1996	26.84	156,000	Major	C6	Fran (1996)	10.00	14.00	17.00
Luray	South Fork Shenandoah River	1/8/1998	16.39	36,700	Minor	C1	none	14.00	20.00	25.00
Front Royal	Shenandoah River	1/9/1998	15.42	36,800	Moderate	none	none	12.00	14.00	18.00
Millville	Shenandoah River	1/9/1998	15.35	52,300	Moderate	C6	none	10.00	14.00	17.00
Front Royal	Shenandoah River	2/5/1998	13.82	30,800	Minor	none	none	12.00	14.00	18.00
Millville	Shenandoah River	2/6/1998	14.70	48,000	Minor	C6	none	10.00	14.00	17.00
Waynesboro	South River	2/17/1998	10.05	5,810	Minor	none	none	9.50	11.00	13.00
Front Royal	Shenandoah River	2/18/1998	15.01	35,300	Moderate	none	none	12.00	14.00	18.00
Lynnwood	Shenandoah River	2/18/1998	17.49	27,600	Moderate	none	none	16.00	17.00	20.00
Millville	Shenandoah River	2/19/1998	15.13	50,800	Moderate	C6	none	10.00	14.00	17.00
Front Royal	Shenandoah River	2/24/2003	12.76	27,053	Minor	none	none	12.00	14.00	18.00

Site	Stream	Date of Flood	Crest	Flow	Category	Code	Tropical Name	Minor FS	Moderate FS	Major FS
Cootes Store	Shenandoah River	9/19/2003	15.22	20,400	Minor	none	Isabel (2003)	15.00	18.00	21.00
Front Royal	Shenandoah River	9/19/2003	18.07	47,500	Major	none	Isabel (2003)	12.00	14.00	18.00
Lynnwood	Shenandoah River	9/19/2003	22.40	48,400	Major	none	Isabel (2003)	16.00	17.00	20.00
Waynesboro	South River	9/19/2003	13.95	13,800	Major	none	Isabel (2003)	9.50	11.00	13.00
Luray	South Fork Shenandoah River	9/20/2003	19.11	50,600	Minor	C1	Isabel (2003)	14.00	20.00	25.00
Millville	Shenandoah River	9/20/2003	17.31	66,100	Major	C6	Isabel (2003)	10.00	14.00	17.00
Strasburg	North Fork Shenandoah River	9/20/2003	19.27	21,800	Minor	none	Isabel (2003)	17.00	20.00	25.00
Front Royal	Shenandoah River	9/23/2003	13.78	30,690	Minor	none	Isabel (2003)	12.00	14.00	18.00
Waynesboro	South River	9/28/2004	10.45	6,460	Minor	none	Jeanne (2004)	9.50	11.00	13.00
Front Royal	Shenandoah River	9/29/2004	14.77	34,400	Moderate	none	Jeanne (2004)	12.00	14.00	18.00
Luray	South Fork Shenandoah River	9/29/2004	16.24	36,000	Minor	C1	Jeanne (2004)	14.00	20.00	25.00
Lynnwood	Shenandoah River	9/29/2004	18.92	32,900	Moderate	none	Jeanne (2004)	16.00	17.00	20.00
Millville	Shenandoah River	9/30/2004	14.15	44,500	Minor	C6	Jeanne (2004)	10.00	14.00	17.00
Waynesboro	South River	11/29/2005	10.54	6,610	Minor	none	none	9.50	11.00	13.00
Front Royal	Shenandoah River	11/30/2005	13.64	30,200	Minor	none	none	12.00	14.00	18.00
Luray	South Fork Shenandoah River	11/30/2005	15.77	33,800	Minor	C1	none	14.00	20.00	25.00
Lynnwood	Shenandoah River	11/30/2005	17.81	28,700	Moderate	none	none	16.00	17.00	20.00
Millville	Shenandoah River	12/1/2005	13.62	41,200	Minor	C6	none	10.00	14.00	17.00

Site	Stream	Date of Flood	Crest	Flow	Category	Code	Tropical Name	Minor FS	Moderate FS	Major FS
Lynnwood	Shenandoah River	1/25/2010	19.09	33,600	Moderate	none	none	16.00	17.00	20.00
Waynesboro	South River	1/25/2010	10.01	5,470	Minor	none	none	9.50	11.00	13.00
Front Royal	Shenandoah River	1/26/2010	14.96	35,100	Moderate	none	none	12.00	14.00	18.00
Luray	South Fork Shenandoah River	1/26/2010	16.88	39,000	Minor	C1	none	14.00	20.00	25.00
Millville	Shenandoah River	1/26/2010	15.11	50,700	Moderate	C6	none	10.00	14.00	17.00
Front Royal	Shenandoah River	3/14/2010	13.14	28,400	Minor	none	none	12.00	14.00	18.00
Millville	Shenandoah River	3/14/2010	15.02	50,100	Moderate	C6	none	10.00	14.00	17.00
Cootes Store	Shenandoah River	4/16/2011	16.33	22,200	Minor	none	none	15.00	18.00	21.00
Waynesboro	South River	4/16/2011	11.38	8,120	Moderate	none	none	9.50	11.00	13.00
Luray	South Fork Shenandoah River	4/17/2011	17.60	42,600	Major	C1	none	14.00	20.00	25.00
Lynnwood	Shenandoah River	4/17/2011	19.93	37,000	Moderate	none	none	16.00	17.00	20.00
Strasburg	North Fork Shenandoah River	4/17/2011	18.33	19,900	Minor	none	none	17.00	20.00	25.00
Front Royal	Shenandoah River	4/18/2011	15.67	37,800	Moderate	none	none	12.00	14.00	18.00
Millville	Shenandoah River	4/18/2011	16.04	57,000	Moderate	C6	none	10.00	14.00	17.00
Strasburg	North Fork Shenandoah River	5/18/2011	19.07	21,300	Minor	none	none	17.00	20.00	25.00
Millville	Shenandoah River	5/19/2011	14.69	48,000	Minor	C6	none	10.00	14.00	17.00
Millville	Shenandoah River	10/31/2012	11.42	29,000	Minor	none	Sandy (2012)	10.00	14.00	17.00
Millville	Shenandoah River	2/1/2013	11.00	26,900	Minor	none	none	10.00	14.00	17.00

Site	Stream	Date of Flood	Crest	Flow	Category	Code	Tropical Name	Minor FS	Moderate FS	Major FS
Millville	Shenandoah River	5/9/2013	13.16	38,500	Minor	none	none	10.00	14.00	17.00
Front Royal	Shenandoah River	5/16/2014	12.07	25,700	Minor	none	none	12.00	14.00	18.00
Millville	Shenandoah River	5/17/2014	14.57	47,200	Moderate	none	none	10.00	14.00	17.00
Millville	Shenandoah River	2/5/2016	10.90	26,400	Minor	none	none	10.00	14.00	17.00

Search Criteria

Site: Not Specified
Stream: Not Specified
Major Basin: Not Specified
Basin: Shenandoah

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.