

RETURN PERIOD BETWEEN FLOOD STAGE EXCEEDANCE AND FLOODS PER YEAR

THE NORTH BRANCH SUSQUEHANNA BASIN							
Site	Stream	FS	Period of Record	Years	Floods	Return Period	Floods Per Year
Bainbridge, NY	SUQ	13	10/22/1987 - 12/31/2007	19.19	3	6.40	0.16
Binghamton, NY ***	SUQ	14	No Period	None	Incomplete Data		
Chenango Forks, NY	CHN	10	11/11/1912 - 12/31/2007	94.14	90	1.05	0.96
Cincinnatus, NY	OTS	9	10/01/1969 - 12/31/2007	37.25	14	2.66	0.38
Conklin, NY	SUQ	11	10/04/1913 - 12/31/2007	93.24	236	0.40	2.53
Cortland, NY	TGH	8	10/01/1963 - 12/31/2007	43.25	58	0.75	1.34
Greene, NY	CHN	13	02/20/1937 - 12/31/2007	69.86	41	1.70	0.59
Rockdale, NY	UNA	11	01/29/1937 - 12/31/2007	69.92	29	2.41	0.41
Sherburne, NY	CHN	8	05/01/1938 - 12/31/2007	68.67	107	0.64	1.56
Unadilla, NY	SUQ	11	07/01/1938 - 12/31/2007	68.50	49	1.40	0.72
Vestal, NY	SUQ	18	03/03/1937 - 12/31/2007	69.83	76	0.92	1.09
Waverly, NY	SUQ	11	11/01/1939 - 12/31/2007	67.17	107	0.63	1.59
Just added - Owego, NY	SUQ	30	9/1/1998 - 12/31/2007	9.33	2	4.67	0.21
*** A non-continous record. We didn't use this site in our study since some floods could be missing. See Forecast Point Floods for more information.							
THE CHEMUNG BASIN							
Site	Stream	FS	Period of Record	Years	Floods	Return Period	Floods Per Year
Campbell, NY	COH	8	03/05/1937 - 12/31/2007	69.83	17	4.11	0.24
Chemung, NY	CHG	16	01/10/1930 - 12/31/2007	76.98	45	1.71	0.58
Corning, NY	CHG	29	10/01/1974 - 12/31/2007	32.25	1	32.25	0.03
Elmira, NY	CHG	12	10/19/1987 - 12/31/2007	19.20	14	1.37	0.73
Lawrenceville, PA	COW	13	12/01/1979 - 12/31/2007	27.08	0	None	0.00
Lindley, NY	TGA	17	10/01/1978 - 12/31/2007	28.25	0	None	0.00
Mansfield, PA	TGA	12	07/1/1976 - 12/31/2006	30.50	26	1.17	0.85
Tioga JCT, PA	TGA	15	10/1/1978 - 12/31/2006	28.25	2	14.13	0.07
West Cameron, NY	CAN	17	02/22/1937 - 12/31/2007	69.86	6	11.64	0.09

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THE UPPER MAIN STEM SUSQUEHANNA BASIN							
Site	Stream	FS	Period of Record	Years	Floods	Return Period	Floods Per Year
Bloomsburg, PA	SUQ	19	03/27/1995 - 12/31/2007	11.77	6	1.96	0.51
Danville, PA	SUQ	20	06/29/1939 - 12/31/2007	67.51	25	2.70	0.37
Meshoppen, PA	SUQ	27	10/01/1976 - 12/31/2007	30.25	21	1.44	0.69
Monroeton, PA	TOW	14	08/26/1976 - 12/31/2007	30.35	14	2.17	0.46
Old Forge, PA	LKW	11	10/1/1959 - 12/31/2007	47.25	6	7.88	0.13
Towanda, PA	SUQ	16	10/18/1938 - 12/31/2007	68.21	63	1.08	0.92
Tunkhannock, PA	TNK	11	08/10/1938 - 12/31/2007	68.39	39	1.75	0.57
Wilkes-Barre, PA	SUQ	22	04/1/1899 - 12/31/2007	107.75	77	1.40	0.71
THE WEST BRANCH SUSQUEHANNA BASIN							
Site	Stream	FS	Period of Record	Years	Floods	Return Period	Floods Per Year
Beech Ck Station, PA	BEG	11	10/01/1984 - 12/31/2007	22.25	14	1.59	0.63
Cedar Run, PA	PNE	12	02/13/1930 - 12/31/2007	76.88	3	25.63	0.04
Jersey Shore, PA	WBS	26	03/23/2000 - 12/31/2006	6.78	1	6.78	0.15
Karthaus, PA	WBS	19	12/01/1960 - 12/31/2007	46.08	0	None	0.00
Lewisburg, PA	WBS	18	07/02/1940 - 12/31/2007	66.50	27	2.46	0.41
Lock Haven, PA	WBS	21	10/01/1974 - 12/31/2007	32.25	4	8.06	0.12
Loyalsockville, PA	LYS	12	09/17/1926 - 12/31/2007	80.29	12	6.69	0.15
Milton (West), PA	WBS	19	11/01/1994 - 12/31/2007	12.17	4	3.04	0.33
Montgomery, PA ***	WBS	20	No Period	None	Incomplete Data		
Muncy, PA ***	MCY	20	10/01/1990 - 12/31/2006	16.25	4	4.06	0.25
Renovo, PA	WBS	16	03/17/1930 - 12/31/2007	76.79	10	7.68	0.13
Sinnemahoning, PA	SIN	17	07/01/1938 - 12/31/2007	68.50	6	11.42	0.09
Watsonstown, PA ***	WBS	23	No Period	None	Incomplete Data		
Williamsport, PA	WBS	20	10/01/1928 - 12/31/2007	78.25	20	3.91	0.26
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THE JUNIATA BASIN							
Site	Stream	FS	Period of Record	Years	Floods	Return Period	Floods Per Year
Huntingdon, PA	JUN	12	10/01/1941 - 12/31/2007	65.25	10	6.53	0.15
Lewistown, PA	JUN	23	06/01/1988 - 12/31/2007	18.59	3	6.20	0.16
Mapleton Depot, PA	JUN	20	10/01/1937 - 12/31/2007	69.25	6	11.54	0.09
Newport, PA	JUN	22	07/16/1929 - 12/31/2007	77.46	8	9.68	0.10
Saxton, PA	JUN	17	10/01/1931 - 12/31/2007	75.25	6	12.54	0.08
Shirleysburg, PA	AWK	10	01/30/1990 - 12/31/2007	16.92	16	1.06	0.95
Spruce Creek, PA	LJN	8	06/04/1938 - 12/31/2007	68.58	65	1.06	0.95
Williamsburg, PA	JUN	12	08/14/1928 - 12/31/2007	78.38	35	2.24	0.45
THE LOWER MAIN STEM SUSQUEHANNA BASIN							
Site	Stream	FS	Period of Record	Years	Floods	Return Period	Floods Per Year
Camp Hill, PA	YBC	7	07/01/1954 - 12/31/2007	52.50	46	1.14	0.88
Conowingo, MD	SUQ	23.5	10/01/1992 - 12/31/2006	14.25	9	1.58	0.63
Harper Tavern, PA	SWT	9	01/01/1919 - 12/31/2007	88.00	137	0.64	1.56
Harrisburg, PA	SUQ	17	10/01/1928 - 12/31/2007	78.25	26	3.01	0.33
Hershey, PA	SWT	7	10/01/1975 - 12/31/2007	31.25	35	0.89	1.12
Hogestown, PA	CDG	8	07/1/1967 - 12/31/2007	39.25	45	0.87	1.15
Lancaster, PA	CSG	11	05/01/1933 - 12/31/2007	73.67	44	1.67	0.60
Marietta, PA	SUQ	49	10/01/1931 - 12/31/2007	75.25	30	2.51	0.40
Middletown, PA ***	SWT	11	09/01/1975 - 12/31/2006	31.33	17	1.84	0.54
Penns Creek, PA	PNC	8	02/01/1930 - 12/31/2007	76.92	66	1.17	0.86
Shermans Dale, PA	SRM	9	01/29/1930 - 12/31/2007	76.92	61	1.26	0.79
Sunbury, PA	SUQ	24	03/24/1967 - 12/31/2007	39.78	10	3.98	0.25
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THE LEHIGH BASIN

Site	Stream	FS	Period of Record	Years	Floods	Return Period	Floods Per Year
Allentown, PA	JDH	8	10/01/1944 - 12/31/2007	62.25	4	15.56	0.06
Bethlehem, PA	LGH	16	09/30/1962 - 12/31/2007	44.25	5	8.85	0.11
Lehighton, PA	LGH	10	12/01/1982 - 12/31/2007	24.08	8	3.01	0.33
Walnutport, PA	LGH	8	10/01/1946 - 12/31/2007	60.25	41	1.47	0.68

THE SOUTHEASTERN PENNSYLVANIA BASINS

Site	Stream	FS	Period of Record	Years	Floods	Return Period	Floods Per Year
Berne, PA	SCH	12	08/01/1947 - 12/31/2007	59.42	25	2.38	0.42
Chadds Ford, PA	BYW	9	10/01/1962 - 12/31/2007	44.25	51	0.87	1.15
Graterford, PA	PKN	11	09/14/1927 - 12/31/2007	79.30	66	1.20	0.83
Langhorne, PA	NMY	9	10/01/1934 - 12/31/2007	72.25	137	0.53	1.90
Norristown, PA ***	SCH	17	10/19/1991 - 12/31/2007	15.20	6	2.53	0.39
Philadelphia, PA	SCH	11	10/01/1931 - 12/31/2007	75.25	52	1.45	0.69
Pottstown, PA	SCH	13	11/23/1928 - 12/31/2007	78.11	35	2.23	0.45
Reading, PA	SCH	13	06/30/1977 - 12/31/2007	29.51	14	2.11	0.47
Wilmington, DE	BYW	11	10/01/1946 - 12/31/2007	60.25	18	3.35	0.30

*** A non-continous record. We didn't use this site in our study since some floods could be missing. See Forecast Point Floods for more information.

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THE MAIN STEM DELAWARE BASIN							
Site	Stream	FS	Period of Record	Years	Floods	Return Period	Floods Per Year
Barryville, NY	DEL	17	10/01/1940 - 12/31/2006	66.25	15	4.42	0.23
Belvidere, NJ	DEL	22	01/01/1929 - 12/31/2007	78.00	7	11.14	0.09
Bridgeville, NY ***	NVR	13	10/01/1992 - 12/31/2007	14.25	5	2.85	0.35
Callicoon, NY	DEL	12	06/01/1975 - 12/31/2007	31.59	8	3.95	0.25
Cooks Falls, NY	BVR	10	10/01/1933 - 12/31/2007	73.25	101	0.73	1.38
Delaware Water Gap, PA	DEL	21	08/19/1955 - 12/31/2006	51.37	5	10.27	0.10
Easton, PA ***	DEL	22	No Period	None	Incomplete Data		
Fishs Eddy, NY	DEL	13	11/02/1967 - 12/31/2007	39.16	17	2.30	0.43
Frenchtown, NJ ***	DEL	16	No Period	None	Incomplete Data		
Hale Eddy, NY	DEL	11	10/01/1963 - 12/31/2007	43.25	11	3.93	0.25
Harvard, NY	DEL	10	11/01/1977 - 12/31/2007	29.17	8	3.65	0.27
Hawley, PA	LWX	11	08/1/1938 - 12/31/2007	68.42	12	5.70	0.18
Minisink Hills, PA	BHD	10	07/25/1956 - 12/31/2007	50.44	12	4.20	0.24
Montague, NJ	DEL	25	02/09/1940 - 12/31/2007	66.89	6	11.15	0.09
New Hope, PA ***	DEL	13	No Period	None	Incomplete Data		
Pemberton, NJ	RNC	2.5	08/10/1951 - 12/31/2007	55.39	99	0.56	1.79
Port Jervis, NY	DEL	18	08/14/1928 - 12/31/2007	78.38	6	13.06	0.08
Riegelsville, NJ	DEL	22	02/28/1924 - 12/31/2007	82.84	30	2.76	0.36
Shoemakers, PA	BSH	6	06/21/1956 - 12/31/2007	50.53	7	7.22	0.14
Trenton Assunpink, NJ	APK	7	07/10/1932 - 12/31/2007	74.48	53	1.41	0.71
Trenton, NJ	DEL	20	10/03/1928 - 12/31/2007	78.25	15	5.22	0.19
Washington Crossing, NJ ***	DEL	20	No Period	None	Incomplete Data		
Just added - Stockton, NJ	DEL	18	8/20/2007 - 12/31/2007	None	No floods to calculate yet.		

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THE PASSAIC BASIN							
Site	Stream	FS	Period of Record	Years	Floods	Return Period	Floods Per Year
Boonton, NJ (above)	RWY	5	10/01/1937 - 12/31/2007	69.25	70	0.99	1.01
Boonton, NJ (below)	RWY	5	11/05/1936 - 12/31/2007	70.16	60	1.17	0.86
Chatham, NJ	PSC	6	10/01/1937 - 12/31/2007	69.25	72	0.96	1.04
Little Falls, NJ	PSC	7	09/30/1955 - 12/31/2007	51.25	50	1.03	0.98
Lodi, NJ	SDL	6	11/02/1938 - 12/31/2007	68.16	58	1.18	0.85
Macopin Intake Dam, NJ	PQK	5.5	09/01/1992 - 12/31/2007	14.33	12	1.19	0.84
Mahwah, NJ	RMP	8	12/24/1936 - 12/31/2007	70.02	86	0.81	1.23
Millington, NJ	PSC	8	07/04/1925 - 12/31/2007	81.50	18	4.53	0.22
Pine Brook, NJ	PSC	19	10/01/1979 - 12/31/2007	27.25	40	0.68	1.47
Pompton Lakes, NJ	RMP	10	01/01/1938 - 12/31/2007	69.00	105	0.66	1.52
Pompton Plains, NJ	PTN	16	09/01/1964 - 12/31/2007	42.33	33	1.28	0.78
Wanaque, NJ	WNQ	5	03/15/1931 - 12/31/2007	75.80	36	2.11	0.47
THE RARITAN BASIN							
Site	Stream	FS	Period of Record	Years	Floods	Return Period	Floods Per Year
Blackwells Mills, NJ	MIL	9	08/17/1928 - 12/31/2007	78.38	123	0.64	1.57
Bound Brook, NJ	RTN	28	10/01/1966 - 12/31/2007	40.25	52	0.77	1.29
Manville, NJ	RTN	14	08/15/1923 - 12/31/2007	83.38	101	0.83	1.21
Raritan, NJ	RTN	10	10/17/1936 - 12/31/2007	70.21	39	1.80	0.56
Stanton, NJ	RTN	8	08/17/1925 - 12/31/2007	81.38	81	1.00	1.00

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THE POTOMAC BASIN							
Site	Stream	FS	Period of Record	Years	Floods	Return Period	Floods Per Year
Cumberland, MD	POT	17	06/18/1929 - 12/31/2007	77.54	25	3.10	0.32
Cumberland, MD	WLS	10	10/18/1928 - 12/31/2006	78.21	6	13.04	0.08
Frederick, MD	MCY	15	10/01/1929 - 12/31/2007	77.25	98	0.79	1.27
Hancock, MD	POT	30	01/21/1937 - 12/31/2007	69.95	8	8.74	0.11
Harpers Ferry, WV	POT	18	12/01/1986 - 12/31/2006	20.08	4	5.02	0.20
Kitzmilller, MD	POT	9	10/15/1954 - 12/31/2007	52.21	17	3.07	0.33
Little Falls, MD	POT	10	04/23/1930 - 12/31/2007	76.69	84	0.91	1.10
Luke, MD	POT	11	10/01/1978 - 12/31/2007	28.25	0	None	0.00
Martinsburg, WV	OQN	10	07/23/1947 - 12/31/2006	59.44	118	0.50	1.99
Moorefield, WV	POT	10	03/11/1940 - 12/31/2007	66.81	14	4.77	0.21
Paw Paw, WV	POT	25	03/25/1939 - 12/31/2007	67.77	31	2.19	0.46
Petersburg, WV	POT	13	06/23/1994 - 12/31/2007	12.53	6	2.09	0.48
Point of Rocks, MD	POT	16	10/28/1929 - 12/31/2007	77.18	85	0.91	1.10
Shepherdstown, WV	POT	15	No Period	None	Incomplete Data		
Springfield, WV	POT	15	09/25/1928 - 12/31/2007	78.27	71	1.10	0.91
Williamsport, MD ***	POT	23	No Period	None	Incomplete Data		
*** A non-continous record. We didn't use this site in our study since some floods could be missing. See Forecast Point Floods for more information.							
THE SHENANDOAH BASIN							
Site	Stream	FS	Period of Record	Years	Floods	Return Period	Floods Per Year
Cootes Store, VA	SHN	15	11/15/1937 - 12/31/2007	69.13	15	4.61	0.22
Front Royal, VA	SHN	12	09/01/1930 - 12/31/2007	76.33	42	1.82	0.55
Lynnwood, VA	SHN	16	09/30/1930 - 12/31/2007	76.25	29	2.63	0.38
Millville, WV	SHN	14	08/23/1928 - 12/31/2007	78.36	36	2.18	0.46
Strasburg, VA	SHN	17	09/21/1930 - 12/31/2007	76.28	20	3.81	0.26
Waynesboro, VA	STH	9.5	10/01/1952 - 12/31/2007	54.25	15	3.62	0.28

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THE RAPPAHANNOCK BASIN							
Site	Stream	FS	Period of Record	Years	Floods	Return Period	Floods Per Year
Culpeper, VA	RPN	14	10/01/1930 - 12/31/2007	76.25	45	1.69	0.59
Fredericksburg, VA	RAP	18	01/15/1922 - 12/31/2007	84.96	103	0.82	1.21
Remington, VA	RAP	15	10/1/1942 - 12/31/2007	64.25	62	1.04	0.96

THE JAMES BASIN							
Site	Stream	FS	Period of Record	Years	Floods	Return Period	Floods Per Year
Bent Creek, VA	JMS	16	09/12/1930 - 12/31/2007	76.30	45	1.70	0.59
Bremo Bluff, VA ***	JMS	19	11/01/1939 - 12/31/2006	67.17	103	0.65	1.53
Buchanan, VA	JMS	17	07/10/1927 - 12/31/2007	79.50	53	1.50	0.67
Buena Vista, VA	MRY	17	11/01/1966 - 12/31/2007	40.17	8	5.02	0.20
Cartersville, VA	JMS	20	06/04/1927 - 12/31/2007	79.58	67	1.19	0.84
Covington, VA	JKS	17	10/01/1974 - 12/31/2007	32.25	6	5.38	0.19
Holcomb Rock, VA	JMS	22	07/01/1931 - 12/31/2007	75.50	41	1.84	0.54
Lick Run, VA	JMS	16	10/26/1928 - 12/31/2007	78.18	69	1.13	0.88
Palmyra, VA	RVN	17	12/19/1947 - 12/31/2007	59.04	107	0.55	1.81
Richmond, VA *****	JMS	12	10/09/1934 - 12/31/2007	72.20	151	0.48	2.09
Scottsville, VA	JMS	20	11/28/1928 - 12/31/2007	78.09	38	2.06	0.49

*** A non-continous record. We didn't use this site in our study since some floods could be missing. See Forecast Point Floods for more information.

***** Several floods missing in the 12 to 13 foot range.

THE APPOMATTOX BASIN							
Site	Stream	FS	Period of Record	Years	Floods	Return Period	Floods Per Year
Farmville, VA	AMX	16	11/29/1928 - 12/31/2007	78.09	89	0.88	1.14
Matoaca, VA	AMX	10	10/30/1969 - 12/31/2007	37.17	24	1.55	0.65
Mattoax, VA	AMX	21	10/01/1936 - 12/31/2007	70.25	72	0.98	1.02