

Monthly Mean Statistics

Lat = 42 36 10

Toughnioga River at Cortland, NY

Lon =76 09 35

Flood Stage = 8 ft

Period of Record 1938 - 2009

Floods = INC

YEAR	No Incomplete Data is used for Statistical Calculation - Discharge, cubic feet per second												Avg
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
1938	missing	missing	missing	missing	missing	119	70	280	512	202	212	543	missing
1939	328	795	1,248	1,145	239	89	48	35	24	38	59	184	353
1940	132	162	371	2,967	736	453	444	103	67	67	198	851	546
1941	463	248	359	1,875	242	126	60	69	46	61	154	417	343
1942	305	225	1,468	953	431	170	72	204	234	324	698	937	502
1943	802	722	1,680	1,171	1,351	614	145	143	80	360	644	358	673
1944	191	238	1,224	1,114	686	396	146	66	69	132	243	412	410
1945	451	427	2,432	647	991	501	222	110	264	971	990	539	712
1946	584	376	1,252	305	599	758	347	117	142	465	351	282	465
1947	841	539	934	1,668	1,177	900	503	210	107	62	169	261	614
1948	148	396	1,697	881	818	375	158	228	71	62	374	374	465
1949	940	760	729	638	451	197	131	95	176	169	308	644	437
1950	916	382	936	1,923	381	321	139	76	264	194	434	1,035	583
1951	941	1,057	1,133	1,170	303	157	177	72	56	50	239	530	490
1952	888	663	1,003	936	597	233	265	109	62	69	176	583	465
1953	605	751	1,058	677	616	151	68	53	33	36	66	192	359
1954	279	933	773	857	618	291	107	58	73	50	322	747	426
1955	547	304	2,028	781	251	125	49	45	39	416	585	472	470
1956	259	304	1,302	2,331	669	236	115	60	104	117	148	667	526
1957	645	487	835	790	380	265	248	168	94	73	139	609	394
1958	337	271	664	2,486	813	648	204	146	207	248	378	272	556
1959	706	580	966	1,572	278	112	79	48	29	213	829	1,128	545
1960	593	872	570	2,081	572	374	105	62	69	69	110	87	464
1961	112	852	1,044	1,523	799	750	232	184	94	64	148	327	511
1962	580	255	912	1,312	424	106	44	45	53	181	422	316	387
1963	233	127	1,121	1,194	572	245	107	81	52	38	158	429	363
1964	607	338	1,865	1,048	395	98	63	48	37	33	44	250	402
1965	330	722	521	1,033	389	131	76	53	91	176	599	457	381
1966	359	599	1,332	867	649	348	100	71	70	64	116	358	411
1967	440	371	631	990	558	189	153	238	146	305	873	762	471
1968	258	348	1,092	532	424	510	329	144	284	268	1,119	862	514
1969	678	569	708	1,320	546	307	173	85	53	50	499	470	455
1970	277	527	500	2,424	547	199	151	86	135	268	520	448	507
1971	324	700	1,088	2,000	765	186	188	101	75	69	108	769	531
1972	563	250	1,092	2,009	1,060	1,674	471	181	144	189	783	1,307	810
1973	983	678	1,022	1,151	623	277	156	78	67	64	129	960	516
1974	592	491	792	1,684	658	215	331	111	249	209	761	828	577
1975	725	949	964	952	607	336	130	115	529	511	439	479	561
1976	369	1,469	1,467	1,115	838	410	539	292	204	854	449	375	698
1977	210	291	2,154	852	403	191	139	154	1,125	1,553	819	1,096	749
1978	896	399	865	1,770	341	187	100	177	161	216	198	415	477
1979	1,038	395	2,127	952	382	200	87	86	125	178	502	408	540
1980	268	150	1,166	1,064	256	242	194	125	72	94	215	409	355
1981	173	1,435	532	517	362	279	134	89	439	1,439	862	466	561
1982	395	445	988	1,234	340	506	209	94	70	82	214	428	417
1983	322	547	489	1,361	919	266	97	76	57	55	226	1,056	456
1984	236	1,282	517	1,247	997	385	213	227	185	137	334	943	559
1985	549	554	1,104	599	212	119	75	47	97	146	541	503	379
1986	445	459	1,450	622	453	293	185	427	164	423	777	781	540
1987	345	221	1,126	1,058	240	120	127	69	105	144	248	454	355
1988	314	473	859	634	471	153	138	118	109	224	657	309	372

Drainage Area = 292 sq mi

Gage Datum = 1,084.92 ft MSL

Susquehanna Basin (North branch)

Cortland County

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YEAR	No Incomplete Data is used for Statistical Calculation - Discharge, cubic feet per second												Avg
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
1989	273	360	645	846	837	807	253	135	312	579	730	353	511
1990	733	1,345	820	1,030	984	301	175	91	97	631	952	1,155	693
1991	668	684	1,025	875	356	137	79	108	77	85	164	413	389
1992	526	436	1,037	1,053	487	389	497	480	320	451	914	640	603
1993	796	249	570	3,487	534	303	120	85	96	99	483	589	618
1994	197	394	1,047	2,582	454	250	237	478	241	193	573	531	598
1995	614	286	733	455	266	153	77	61	49	258	412	314	306
1996	1,338	859	691	1,071	1,146	306	322	210	162	197	1,025	1,537	739
1997	518	694	1,082	803	516	293	168	79	69	69	244	382	410
1998	1,414	637	1,545	804	356	452	459	101	89	86	93	162	516
1999	703	570	707	942	205	78	63	43	78	140	299	471	358
2000	584	782	1,051	1,252	1,539	651	284	143	116	157	178	392	594
2001	213	522	598	2,114	235	504	171	97	155	107	158	505	448
2002	375	1,073	678	880	1,028	604	159	91	174	355	628	695	562
2003	484	453	1,625	1,004	539	508	230	399	251	592	943	1,194	685
2004	missing	missing	missing	missing	missing	missing	missing	missing	missing	236	477	1,125	missing
2005	950	532	660	2,188	306	242	98	66	91	551	862	701	604
2006	1,201	876	876	550	317	904	854	401	249	751	991	457	702
2007	924	241	1,645	1,193	344	150	88	77	90	387	688	1,101	577
2008	890	973	1,284	1,045	245	141	235	246	77	missing	missing	missing	missing
2009	missing	missing	missing	missing	missing	missing	missing	missing	missing	missing	missing	missing	missing
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
Mean	550	570	1,050	1,250	567	339	192	136	152	258	441	584	507
Max	1,414	1,469	2,432	3,487	1,539	1,674	560	656	1,125	1,553	1,119	1,537	
Min	112	127	359	305	205	78	44	35	24	33	44	87	

Drainage Area = 292 sq mi
Gage Datum = 1,084.92 ft MSL

Susquehanna Basin (North branch)
Cortland County