

STREAMS TRIBUTARY TO LAKE ERIE

04213000 CONNEAUT CREEK AT CONNEAUT, OHIO

LOCATION.--Latitude 41°55'37", longitude 80°36'15", Ashtabula County, Hydrologic Unit 04120101, on right bank at downstream side of Keefus Road bridge at Conneaut, and 6.4 mi upstream from mouth.

DRAINAGE AREA.--175 mi².

PERIOD OF RECORD.--July 1922 to December 1935, March 1950 to September 1961 (published as "at Amboy"), October 1961 to current year.

REVISED RECORDS.--WSP 714: 1926. WSP 784: 1933. WSP 1437: 1923-25(M), 1926-30, 1931-32(M), 1933, 1935(M). WSP 1912: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 610.30 ft above sea level. Prior to Aug. 17, 1924, nonrecording gage at same site and datum.

REMARKS.--Records good except for period of estimated record which are poor. Water-quality and sediment data collected at this site.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	e6.2	4.6	25	e80	219	522	77	75	37	e74	e23	e4.5
2	e5.2	4.9	22	e56	273	423	117	66	44	e76	e17	e4.0
3	e5.6	7.5	20	e46	832	831	138	60	56	e40	e14	e3.7
4	e6.4	6.0	20	e60	644	2140	142	55	57	e24	e13	e3.3
5	e5.8	8.5	21	e52	453	795	217	51	53	e90	e26	e3.1
6	e5.8	16	20	e46	341	369	299	47	e40	e50	e15	e3.0
7	e9.0	10	19	e44	272	238	164	50	e27	e30	e12	e28
8	e21	14	20	e40	242	217	121	47	e23	e17	e10	e10
9	e15	11	20	e38	219	229	140	49	e20	e15	e8.8	e5.0
10	e13	13	19	e35	231	196	755	50	e18	e38	e7.0	e4.0
11	e23	22	19	e34	245	144	581	53	e16	e25	e7.6	e3.4
12	e22	18	17	e32	262	141	565	46	e15	e19	e7.6	e3.0
13	e16	42	16	e30	455	128	386	42	e14	e17	e8.6	e2.8
14	e13	29	15	e29	350	115	215	39	e13	e15	e9.8	e9.0
15	e10	21	14	e27	262	110	154	36	e12	e13	e11	e3.6
16	e8.0	17	16	e26	269	118	135	34	e12	e11	e9.0	2.8
17	e7.0	16	21	e150	423	287	189	33	e11	e10	e8.0	2.2
18	e6.2	15	24	350	479	1250	753	41	e11	e9.0	e6.6	1.9
19	e6.2	12	26	687	297	724	612	86	e10	e8.0	e8.0	1.9
20	e7.6	14	35	1410	208	301	805	43	e10	e7.2	e10	5.6
21	7.6	15	61	1650	169	200	404	37	e9.8	e6.6	e7.6	13
22	6.5	14	563	2880	126	172	241	34	e9.6	e7.6	e6.4	6.1
23	6.5	17	769	2910	92	155	449	32	e9.2	e7.2	e5.8	5.8
24	6.6	15	213	5220	111	163	911	57	e9.0	e8.0	e5.6	6.4
25	6.9	15	135	3320	93	170	447	208	e9.6	e8.0	e12	6.2
26	9.1	26	80	756	82	136	230	221	e11	e6.4	e40	4.7
27	8.3	24	e60	467	86	112	168	156	e13	e5.6	e20	4.0
28	5.6	30	e52	555	121	98	132	96	e20	e11	e11	3.8
29	5.0	35	e42	640	---	86	106	64	e28	e25	e8.6	16
30	6.0	27	e35	413	---	75	88	48	e46	e15	e6.2	129
31	5.0	---	e60	280	---	68	---	40	---	e19	e5.0	---
TOTAL	285.1	519.5	2479	22363	7856	10713	9741	1996	664.2	707.6	360.2	299.8
MEAN	9.20	17.3	80.0	721	281	346	325	64.4	22.1	22.8	11.6	9.99
MAX	23	42	769	5220	832	2140	911	221	57	90	40	129
MIN	5.0	4.6	14	26	82	68	77	32	9.0	5.6	5.0	1.9
CFSM	.05	.10	.46	4.12	1.60	1.97	1.86	.37	.13	.13	.07	.06
IN.	.06	.11	.53	4.75	1.67	2.28	2.07	.42	.14	.15	.08	.06

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1922 - 1999, BY WATER YEAR (WY)

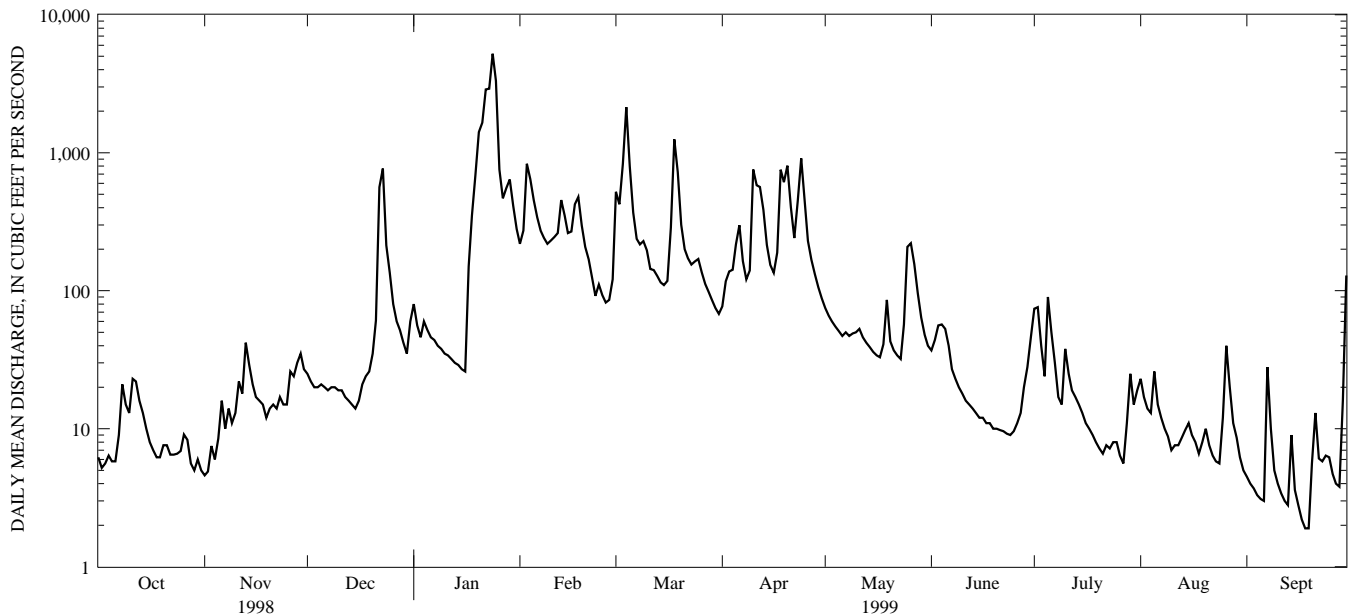
MEAN	136	316	417	427	457	536	391	232	133	75.7	65.0	103
MAX	804	1373	1049	929	1115	987	839	670	1013	415	493	709
(WY)	1927	1986	1928	1990	1981	1972	1957	1953	1986	1969	1980	1990
MIN	4.95	17.1	35.1	81.0	39.6	235	69.9	20.2	5.46	2.79	3.19	3.56
(WY)	1924	1954	1961	1977	1934	1969	1935	1934	1934	1934	1923	1932

e Estimated.

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SUMMARY STATISTICS	FOR 1998 CALENDAR YEAR		FOR 1999 WATER YEAR		WATER YEARS 1922 - 1999	
ANNUAL TOTAL	75229.8		57984.4			
ANNUAL MEAN	206		159		273	
HIGHEST ANNUAL MEAN					401	1986
LOWEST ANNUAL MEAN					140	1931
HIGHEST DAILY MEAN	4760	Jan 9	5220	Jan 24	11000	Jan 31 1968
LOWEST DAILY MEAN	4.5	Sep 13	1.9	Sep 18	.30	Jul 30 1933
ANNUAL SEVEN-DAY MINIMUM	5.1	Sep 7	3.5	Sep 13	.64	Aug 27 1933
INSTANTANEOUS PEAK FLOW			7200	Jan 24	17000	Jan 22 1959
INSTANTANEOUS PEAK STAGE			8.79	Jan 24	12.94	Mar 4 1934
INSTANTANEOUS LOW FLOW			1.9	Sep 18	.20	Jul 31 1933
ANNUAL RUNOFF (CFSM)	1.18		.91		1.56	
ANNUAL RUNOFF (INCHES)	15.99		12.33		21.23	
10 PERCENT EXCEEDS	524		408		681	
50 PERCENT EXCEEDS	40		28		96	
90 PERCENT EXCEEDS	6.4		6.1		10	



1-YEAR HYDROGRAPH
OCTOBER 1, 1998 TO SEPTEMBER 30, 1999