

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 periods of estimated record, which are poor. Water-quality and sediment data collected at this site.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	90	26	109	e120	e36	168	76	70	47	e45	47	19
2	45	290	86	e560	e35	219	69	135	69	e40	150	17
3	26	2500	76	e1300	e34	218	110	221	63	e50	2500	16
4	25	3640	75	e2100	e33	151	1590	140	46	e90	5140	15
5	17	1170	86	e1500	e32	120	2610	102	46	e80	470	15
6	13	476	162	e1000	e31	99	697	87	87	e72	284	13
7	11	255	404	e700	e31	85	340	80	311	51	652	12
8	9.9	160	267	e500	e41	76	1530	70	190	40	409	13
9	13	116	167	e330	e60	72	3240	65	99	188	187	12
10	11	90	187	e240	e130	69	1250	84	64	733	803	12
11	9.4	75	698	e290	e350	64	537	139	50	338	479	16
12	7.4	66	415	e270	e450	71	339	153	e45	126	346	27
13	10	58	233	e230	e560	89	259	101	e120	69	285	35
14	48	53	583	e180	e480	159	184	75	e300	50	131	26
15	54	50	e1800	e140	e540	371	147	63	e540	49	79	22
16	45	45	e1200	e110	e700	304	124	54	e700	53	56	24
17	32	42	e800	e94	e600	296	107	48	e1000	47	46	20
18	24	41	e500	e82	e500	362	98	239	e1300	41	41	17
19	18	39	e320	e70	e350	241	96	2670	e1000	36	37	16
20	17	40	e220	e62	e250	182	169	4000	e600	31	34	19
21	14	49	e170	e56	e210	151	1350	774	e350	33	30	19
22	13	71	e140	e54	e220	150	1430	357	e230	37	26	322
23	17	65	e110	e52	e780	132	692	240	e160	32	44	144
24	134	57	e90	e50	2370	108	363	175	e130	32	71	101
25	260	52	e80	e48	1760	98	216	159	e110	26	84	132
26	133	73	e70	e46	1080	90	149	125	e130	22	48	e80
27	74	667	e64	e44	469	85	114	90	e100	19	35	e500
28	51	586	e58	e42	297	79	95	75	e80	18	29	e200
29	40	243	e54	e40	207	78	83	66	e66	21	26	e60
30	33	150	e52	e38	---	78	73	61	e56	92	24	e40
31	28	---	e60	e37	---	91	---	57	---	67	21	---
TOTAL	1322.7	11245	9336	10385	12636	4556	18137	10775	8089	2628	12614	1964
MEAN	42.7	375	301	335	436	147	605	348	270	84.8	407	65.5
MAX	260	3640	1800	2100	2370	371	3240	4000	1300	733	5140	500
MIN	7.4	26	52	37	31	64	69	48	45	18	21	12
CFSM	.24	2.14	1.72	1.91	2.49	.84	3.45	1.99	1.54	.48	2.33	.37
IN.	.28	2.39	1.98	2.21	2.69	.97	3.86	2.29	1.72	.56	2.68	.42

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1922 - 2000, BY WATER YEAR (WY)

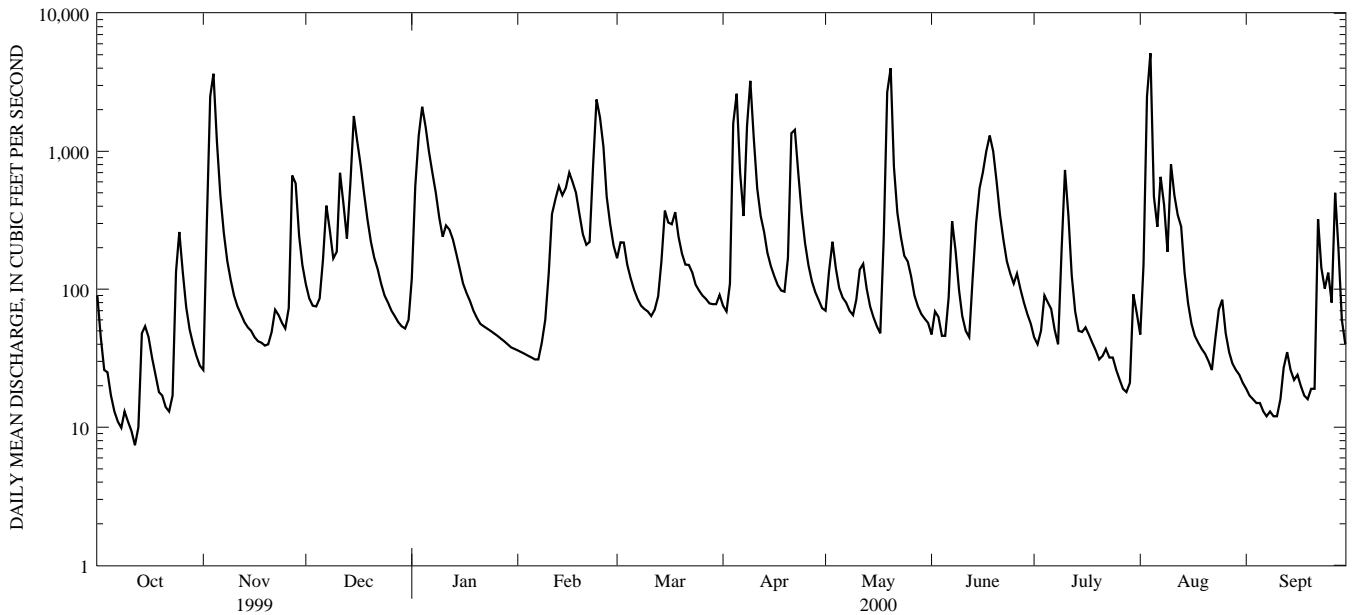
MEAN	134	317	415	426	457	529	394	233	135	75.8	70.2	103
MAX	804	1373	1049	929	1115	987	839	670	1013	415	493	709
(WY)	1927	1986	1928	1990	1981	1972	1957	1953	1986	1969	1980	1990
MIN	4.95	17.1	35.1	81.0	39.6	147	69.9	20.2	5.46	2.79	3.19	3.56
(WY)	1924	1954	1961	1977	1934	2000	1935	1934	1934	1934	1923	1932

e Estimated.

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SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1922 - 2000	
ANNUAL TOTAL	76604.5		103687.7			
ANNUAL MEAN	210		283		274	
HIGHEST ANNUAL MEAN					401	1986
LOWEST ANNUAL MEAN					140	1931
HIGHEST DAILY MEAN	5220	Jan 24	5140	Aug 4	11000	Jan 31 1968
LOWEST DAILY MEAN	1.9	Sep 18	7.4	Oct 12	.30	Jul 30 1933
ANNUAL SEVEN-DAY MINIMUM	3.5	Sep 13	10	Oct 7	.64	Aug 27 1933
INSTANTANEOUS PEAK FLOW			7710	Aug 4	17000	Jan 22 1959
INSTANTANEOUS PEAK STAGE			9.05	Aug 4	12.94	Mar 4 1934
INSTANTANEOUS LOW FLOW			6.5	Oct 12	.20	Jul 31 1933
ANNUAL RUNOFF (CFSM)	1.20		1.62		1.56	
ANNUAL RUNOFF (INCHES)	16.28		22.04		21.24	
10 PERCENT EXCEEDS	487		694		681	
50 PERCENT EXCEEDS	53		86		95	
90 PERCENT EXCEEDS	7.3		23		10	



1-YEAR HYDROGRAPH
OCTOBER 1, 1999 TO SEPTEMBER 30, 2000