

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, Ohio, 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 fair except for estimated daily discharges, which are poor. Water-quality and sediment data formerly collected at this site.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	e110	39	600	e110	1330	114	488	e78	80	22	4.4	14
2	e100	37	409	e105	697	92	321	75	88	20	4.3	14
3	e90	38	237	e100	399	86	250	68	152	20	14	23
4	e70	36	136	e95	298	84	196	64	242	20	14	18
5	e100	35	96	e110	266	86	168	59	233	19	33	13
6	e140	35	72	e120	238	88	174	55	129	17	25	9.4
7	e200	34	61	e130	244	80	360	53	94	17	17	7.9
8	e300	33	75	e140	226	78	356	55	100	18	19	6.9
9	e400	34	72	e130	1200	75	255	56	214	16	8.9	6.1
10	e500	58	60	e120	3410	75	e260	56	179	15	6.0	4.9
11	e400	116	72	e120	2140	80	e310	59	137	14	4.8	4.2
12	e280	171	975	e130	439	84	e280	125	104	13	4.6	3.6
13	e220	108	1200	e140	279	462	e220	284	84	13	4.5	3.6
14	e180	76	326	e140	324	1760	e170	185	57	11	3.7	4.6
15	e130	74	191	e210	1260	977	e150	125	45	10	3.2	3.8
16	e110	70	232	e270	834	479	e130	99	40	9.8	3.0	3.4
17	e94	143	2120	e230	379	548	e190	82	36	9.1	3.4	3.7
18	e84	297	2990	e200	239	526	e260	73	31	8.9	3.2	3.6
19	e74	277	683	e170	171	441	e240	69	30	8.6	4.6	3.3
20	e66	207	336	e140	163	496	e210	64	30	26	7.1	5.3
21	e60	177	243	e130	172	395	e190	62	31	16	9.1	4.5
22	e54	144	242	e120	164	381	e170	71	61	11	9.0	4.1
23	e50	849	e210	e110	112	371	e200	139	38	14	14	3.9
24	e45	1330	e190	e100	89	251	e240	248	43	14	17	5.0
25	45	1110	e170	e96	127	211	e190	175	34	8.0	11	12
26	50	1130	e160	e92	178	208	e150	771	30	8.0	21	20
27	58	2410	e145	e88	203	211	e130	524	27	6.8	28	37
28	54	1940	e140	e86	140	211	e115	226	24	5.9	29	41
29	49	824	e130	e84	---	303	e100	161	21	6.2	36	30
30	44	695	e120	e92	---	465	e90	135	21	7.5	23	60
31	41	---	e115	e1400	---	752	---	101	---	5.7	19	---
TOTAL	4198	12527	12808	5308	15721	10470	6563	4397	2435	410.5	403.8	373.8
MEAN	135	418	413	171	561	338	219	142	81.2	13.2	13.0	12.5
MAX	500	2410	2990	1400	3410	1760	488	771	242	26	36	60
MIN	41	33	60	84	89	75	90	53	21	5.7	3.0	3.3
CFSM	.77	2.39	2.36	.98	3.21	1.93	1.25	.81	.46	.08	.07	.07
IN.	.89	2.66	2.72	1.13	3.34	2.23	1.40	.93	.52	.09	.09	.08

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1922 - 2001, BY WATER YEAR (WY)

MEAN	134	319	415	422	458	526	391	232	134	74.9	69.4	101
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 2000 CALENDAR YEAR		FOR 2001 WATER YEAR		WATER YEARS 1922 - 2001	
ANNUAL TOTAL	111317		75615.1			
ANNUAL MEAN	304		207		273	
HIGHEST ANNUAL MEAN					401	1986
LOWEST ANNUAL MEAN					140	1931
HIGHEST DAILY MEAN	5140	Aug 4	3410	Feb 10	11000	Jan 31 1968
LOWEST DAILY MEAN	12	Sep 7	3.0	Aug 16	.30	Jul 30 1933
ANNUAL SEVEN-DAY MINIMUM	13	Sep 4	3.7	Aug 12	.64	Aug 27 1933
MAXIMUM PEAK FLOW			4240	Feb 10 ^a	17000	Jan 22 1959
MAXIMUM PEAK STAGE			8.68	Jan 31 ^b	12.94	Mar 4 1934
INSTANTANEOUS LOW FLOW			2.9	Aug 15	.20	Jul 31 1933
ANNUAL RUNOFF (CFSM)	1.74		1.18		1.56	
ANNUAL RUNOFF (INCHES)	23.66		16.07		21.16	
10 PERCENT EXCEEDS	710		440		680	
50 PERCENT EXCEEDS	100		94		95	
90 PERCENT EXCEEDS	32		8.0		10	

^a Peaks above base shown in table of peak discharges and stages at continuous-record surface-water-discharge stations.
^b Ice jam.

