

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 610.3 ft above National Geodetic Vertical Datum of 1929. Prior to Aug. 17, 1924, nonrecording gage at same site and datum.

REMARKS.--Records fair except those 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 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	510	206	744	496	e190	797	899	138	120	54	1880	149
2	395	160	544	402	e170	1760	1840	606	113	39	1010	81
3	298	153	338	695	e250	2500	1880	1840	97	30	281	54
4	263	159	238	556	e400	1030	692	713	92	30	143	42
5	478	139	198	753	e600	989	532	361	79	43	105	36
6	298	116	189	825	e840	898	550	265	65	34	78	34
7	151	109	181	395	e1200	494	569	204	49	29	58	50
8	101	94	161	e320	e720	406	472	167	46	29	45	56
9	75	80	139	e220	e440	456	338	149	41	33	38	3700
10	63	71	148	e160	e290	424	271	131	50	31	34	9060
11	53	76	422	e130	e240	351	201	132	706	26	33	1190
12	45	172	612	e110	e200	304	166	177	426	72	44	324
13	39	749	328	e96	e160	307	310	139	245	230	41	173
14	49	733	214	e88	e130	312	1430	107	142	201	35	111
15	1250	368	177	e84	e105	548	1250	117	211	211	41	84
16	2380	227	168	e80	e86	470	487	136	373	291	37	76
17	632	180	476	e76	e78	281	286	148	391	245	30	1080
18	307	179	675	e72	e72	256	208	146	433	109	30	2720
19	187	189	375	e70	e260	295	179	332	274	68	31	2090
20	132	580	315	e68	e450	773	185	205	139	83	32	376
21	102	467	277	e64	e1500	2190	303	1300	90	58	34	197
22	135	253	311	e62	e1400	1290	573	5280	65	240	33	127
23	476	183	763	e60	990	484	629	6200	52	147	36	95
24	314	158	2710	e58	647	530	448	2260	45	68	30	75
25	241	213	2340	e56	564	770	295	801	42	43	25	61
26	496	262	708	e54	463	814	385	432	38	36	21	56
27	980	197	429	e88	398	930	463	307	35	38	33	47
28	648	671	318	e200	387	783	266	228	36	41	538	43
29	461	2590	320	e410	472	442	189	218	37	40	539	39
30	528	2170	837	e260	---	367	156	165	77	36	539	37
31	336	---	1220	e210	---	762	---	136	---	1000	343	---
TOTAL	12423	11904	16875	7218	13702	23013	16452	23540	4609	3635	6197	22263
MEAN	401	397	544	233	472	742	548	759	154	117	200	742
MAX	2380	2590	2710	825	1500	2500	1880	6200	706	1000	1880	9060
MIN	39	71	139	54	72	256	156	107	35	26	21	34
CFSM	2.29	2.27	3.11	1.33	2.70	4.24	3.13	4.34	0.88	0.67	1.14	4.24
IN.	2.64	2.53	3.59	1.53	2.91	4.89	3.50	5.00	0.98	0.77	1.32	4.73

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1922 - 2004, BY WATER YEAR (WY)

MEAN	136	314	413	414	457	529	395	246	140	76.8	70.1	111
MAX	804	1373	1049	929	1115	987	839	759	1013	415	493	742
(WY)	1927	1986	1928	1990	1981	1972	1957	2004	1986	1969	1980	2004
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 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1922 - 2004	
ANNUAL TOTAL	127063		161831			
ANNUAL MEAN	348		442		275	
HIGHEST ANNUAL MEAN					442	
LOWEST ANNUAL MEAN					140	
HIGHEST DAILY MEAN	4990	Jun 14	9060	Sep 10	11000	Jan 31 1968
LOWEST DAILY MEAN	14	Sep 14	21	Aug 26	0.30	Jul 30 1933
ANNUAL SEVEN-DAY MINIMUM	16	Sep 10	30	Aug 20	0.64	Aug 27 1933
MAXIMUM PEAK FLOW			13300	Sep 10	17000	Jan 22 1959
MAXIMUM PEAK STAGE			11.25	Sep 10	12.94	Mar 4 1934
INSTANTANEOUS LOW FLOW			20	Aug 27	0.20	Jul 31 1933
ANNUAL RUNOFF (CFSM)	1.99		2.53		1.57	
ANNUAL RUNOFF (INCHES)	27.01		34.40		21.33	
10 PERCENT EXCEEDS	775		945		687	
50 PERCENT EXCEEDS	180		210		100	
90 PERCENT EXCEEDS	33		39		11	