

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 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	35	182	704	e4000	e75	e190	195	328	41	37	32	507
2	35	143	1510	e2300	e72	e195	621	354	39	23	26	172
3	33	860	521	e4000	e70	e180	1930	376	37	18	22	73
4	32	720	277	e3000	e70	e165	1090	280	33	16	19	43
5	32	935	183	e2050	e250	e180	1770	194	33	13	17	29
6	29	783	140	e2600	e600	e190	2870	156	30	13	15	22
7	27	361	121	e2200	e1300	e1900	2760	137	26	12	14	19
8	26	214	196	e1700	e3200	e2400	1020	122	24	16	12	18
9	25	149	320	e1650	e1700	e810	483	114	22	15	11	17
10	23	116	794	e1650	e600	503	315	99	21	12	11	15
11	22	97	827	e2100	e310	352	221	110	21	11	11	14
12	21	84	727	e6100	e295	236	177	95	135	10	10	13
13	22	75	e680	e5000	e290	210	148	85	54	10	11	12
14	24	64	e600	e3300	e800	160	129	111	38	25	14	11
15	24	58	e500	e2200	e1950	152	111	245	34	46	13	10
16	27	58	e420	e1100	e900	165	105	348	60	40	16	29
17	73	58	e320	e500	e400	177	95	190	54	41	24	27
18	55	56	e270	e270	e220	265	88	132	41	30	17	21
19	60	56	e210	e240	e200	419	82	111	34	54	14	17
20	157	64	e180	e210	e190	1040	80	90	28	33	16	14
21	100	111	e165	e190	e1800	1630	84	67	24	33	30	13
22	65	160	e175	e170	e1750	846	100	62	22	25	15	13
23	55	125	e185	e155	e540	705	552	60	20	18	12	53
24	81	132	e1000	e135	e250	800	1720	78	19	15	13	45
25	370	823	e1200	e120	e220	747	1390	107	18	78	11	40
26	210	973	e900	e115	e190	591	1240	82	16	277	9.4	134
27	120	490	e700	e100	e170	492	1300	60	15	231	8.7	509
28	79	325	e540	e95	e180	435	1290	51	15	352	9.1	263
29	79	480	e520	e88	---	404	572	48	18	129	9.3	144
30	212	366	e570	e83	---	314	363	52	54	63	15	327
31	325	---	e2000	e77	---	235	---	44	---	40	528	---
TOTAL	2478	9118	17455	47498	18592	17088	22901	4388	1026	1736	985.5	2624
MEAN	79.9	304	563	1532	664	551	763	142	34.2	56.0	31.8	87.5
MAX	370	973	2000	6100	3200	2400	2870	376	135	352	528	509
MIN	21	56	121	77	70	152	80	44	15	10	8.7	10
CFSM	0.46	1.74	3.22	8.76	3.79	3.15	4.36	0.81	0.20	0.32	0.18	0.50
IN.	0.53	1.94	3.71	10.10	3.95	3.63	4.87	0.93	0.22	0.37	0.21	0.56
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1922-2005, BY WATER YEAR (WY)												
MEAN	135	314	416	431	460	530	400	245	138	76.5	69.6	111
MAX	804	1373	1049	1532	1115	987	839	759	1013	415	493	742
(WY)	1927	1986	1928	2005	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 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1922-2005	
ANNUAL TOTAL	149680		145889.5			
ANNUAL MEAN	409		400		277	
HIGHEST ANNUAL MEAN					442	
LOWEST ANNUAL MEAN					140	
HIGHEST DAILY MEAN	9060	Sep 10	6100	Jan 12 ^e	11000	Jan 31
LOWEST DAILY MEAN	21	Aug 26	8.7	Aug 27	0.30	Jul 30
ANNUAL SEVEN-DAY MINIMUM	23	Oct 9	10	Aug 23	0.64	Aug 27
MAXIMUM PEAK FLOW			8000	Jan 12 ^e	17000	Jan 22
MAXIMUM PEAK STAGE					12.94	Mar 4
INSTANTANEOUS LOW FLOW					0.20	Jul 31
ANNUAL RUNOFF (CFSM)	2.34		2.28		1.58	
ANNUAL RUNOFF (INCHES)	31.82		31.01		21.47	
10 PERCENT EXCEEDS	899		1140		695	
50 PERCENT EXCEEDS	182		116		100	
90 PERCENT EXCEEDS	35		15		11	

^e Estimated.