

04242500 EAST BRANCH FISH CREEK AT TABERG, NY

Oswego Basin
Oneida Subbasin

LOCATION.--Lat 43°18'04", long 75°37'17.3" referenced to North American Datum of 1983, Oneida County, NY, Hydrologic Unit 04140202, on right bank, 700 ft downstream from bridge on State Highway 69 in Taberg, and 2.6 mi upstream from confluence of East and West branches of Fish Creek near Blossvale.

DRAINAGE AREA.--188 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--April 1923 to March 1995, October 2008 to current year.

REVISED RECORDS.--WDR-US-2010: 2009 (M).

GAGE.--Water-stage recorder and crest-stage gage. Elevation of gage is 485 ft above NGVD of 1929, from topographic map. April 1923 to March 1995, at site 0.2 mi upstream at datum 490.12 ft above NGVD of 1929.

REMARKS.--Records fair except those for estimated daily discharges, which are poor. Since 1926, unknown degree of regulation by City of Oneida Reservoir (Glenmore Reservoir), and since 1956, Rome City Dam (Boyd Dam). Satellite gage-height telemeter at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 21,600 ft³/s, Dec. 29, 1984, gage height, 13.81 ft, site and datum then in use, from rating curve extended above 14,000 ft³/s on basis of slope-area measurement of peak flow and result of release of upstream debris jam (constructed maximum discharge, about 16,000 ft³/s on same date at earlier time when adjusted for storage effects); minimum discharge, 4.9 ft³/s, Aug. 15, 16, 1949.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 4,900 ft³/s and (or) maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Jan 31	1245	*7,800	*9.20
Apr 17	0145	6,000	8.50
Apr 20	0215	7,070	8.93

Minimum discharge, 35 ft³/s, Aug. 14, gage height, 2.36 ft.

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DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013
DAILY MEAN VALUES

[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	159	351	241	e290	3,640	484	1,870	606	293	507	277	77
2	157	608	321	e250	2,010	418	1,620	496	337	758	448	176
3	145	612	1,240	e230	1,330	e350	1,040	406	430	889	380	168
4	141	474	1,060	e230	e790	326	758	343	316	613	281	212
5	116	389	1,260	e240	e580	305	740	303	225	535	232	216
6	117	327	923	e250	e460	295	660	268	267	721	197	178
7	159	287	649	e250	e420	287	695	238	2,160	531	190	134
8	237	263	549	e260	e450	271	1,260	216	1,630	422	188	124
9	216	237	501	e260	e390	259	2,400	220	883	321	187	106
10	166	229	1,040	345	371	293	4,130	216	570	610	182	126
11	201	232	1,620	333	411	393	3,550	555	1,700	904	177	221
12	301	235	985	393	404	1,110	2,970	686	1,530	465	173	354
13	306	432	693	559	391	1,700	3,400	480	1,430	312	91	260
14	796	502	560	1,070	383	1,220	2,350	404	1,600	252	100	180
15	1,100	391	488	1,070	377	803	1,820	341	807	208	101	142
16	647	324	444	771	348	654	2,740	332	641	184	92	145
17	418	286	468	607	e290	543	4,090	280	1,080	154	80	144
18	300	258	1,250	440	e260	435	3,020	231	701	138	75	129
19	740	241	1,370	464	285	406	4,280	205	504	128	61	114
20	1,860	231	859	458	267	395	4,610	195	362	129	60	101
21	1,090	219	997	355	244	392	2,070	299	281	173	58	108
22	742	217	1,100	e250	270	381	1,350	e487	235	147	65	434
23	540	208	805	e210	303	364	1,090	564	235	142	92	440
24	433	238	674	e210	292	347	1,080	925	253	143	77	270
25	367	245	604	e210	280	339	1,560	785	219	143	70	190
26	314	251	e350	e200	263	340	1,290	530	460	113	73	155
27	277	269	e360	e210	305	371	938	398	552	102	96	128
28	254	259	e350	e220	441	427	746	303	1,210	391	83	114
29	234	270	e350	e230	---	509	740	603	1,180	1,090	74	102
30	244	253	e340	e700	---	524	710	703	672	555	69	100
31	289	---	e330	5,880	---	660	---	429	---	318	82	---
Total	13,066	9,338	22,781	17,445	16,255	15,601	59,577	13,047	22,763	12,098	4,411	5,348
Mean	421	311	735	563	581	503	1,986	421	759	390	142	178
Max	1,860	612	1,620	5,880	3,640	1,700	4,610	925	2,160	1,090	448	440
Min	116	208	241	200	244	259	660	195	219	102	58	77

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1923 - 2013, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	427	613	598	468	409	824	1,615	676	296	186	160	256
Max	1,164	1,322	1,499	1,424	1,496	2,158	2,734	2,073	1,232	632	570	901
(WY)	(1946)	(1926)	(1974)	(1937)	(1981)	(1945)	(1960)	(1947)	(1972)	(1947)	(1986)	(1975)
Min	30.8	126	183	108	102	217	449	164	52.9	33.1	31.5	28.9
(WY)	(1965)	(1931)	(1961)	(1931)	(1934)	(1940)	(2010)	(1941)	(1941)	(1933)	(1944)	(1948)

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SUMMARY STATISTICS

	Calendar Year 2012		Water Year 2013		Water Years 1923 - 2013	
Annual total	157,583		211,730			
Annual mean	431		580		543	
Highest annual mean					909	1947
Lowest annual mean					357	1931
Highest daily mean	2,550	Mar 17	5,880	Jan 31	10,900	Jun 22, 1972
Lowest daily mean	36	Aug 22	58	Aug 21	5.2	Aug 15, 1949
Annual seven-day minimum	39	Aug 29	69	Aug 19	6.3	Aug 11, 1949
Maximum peak flow					21,600	Dec 29, 1984
Maximum peak stage					13.81	Dec 29, 1984
Instantaneous low flow					4.9	Aug 15, 1949
10 percent exceeds	1,060		1,230		1,280	
50 percent exceeds	282		345		295	
90 percent exceeds	46		129		71	

