Water-Data Report 2012

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 mi^2.

SURFACE-WATER RECORDS

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

REVISED RECORDS.--WDR NY-10-3: 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, 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 ft^3/s, Dec. 29, 1984, gage height, 13.81 ft, site and datum then in use, from rating curve extended above 14,000 ft^3/s on basis of slope-area measurement of peak flow and result of release of upstream debris jam (constructed maximum discharge, about 16,000 ft^3/s on same date at earlier time when adjusted for storage effects); minimum discharge, 4.9 ft^3/s, Aug. 15, 16, 1949.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 4,900 ft^3/s and (or) maximum (*):

Date	Time	Discharge (ft^3/s)	Gage height (ft)
Dec 16	1300	*3,400	*7.62

Minimum discharge, 13 ft^3/s, Aug. 8, gage height, 2.07 ft, result of regulation.

Suggested citation: U.S. Geological Survey, 2013, Water-resources data for the United States, Water Year 2012: U.S. Geological Survey Water-Data Report WDR-US-2012, site 04242500, accessed at http://wdr.water.usgs.gov/wy2012/pdfs/04242500.2012.pdf

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DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012
DAILY MEAN VALUES
[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	389	321	1,370	662	1,050	283	365	634	180	79	54	37
2	341	291	817	1,060	1,520	286	360	733	720	67	48	37
3	430	274	622	e680	e860	447	313	782	699	58	50	37
4	374	258	516	e400	e650	524	286	810	430	56	52	41
5	295	231	496	e430	e480	e360	269	648	375	54	54	66
6	264	219	757	e420	529	e270	260	465	291	50	57	51
7	200	212	846	450	483	e320	240	363	264	47	49	46
8	167	209	640	423	361	678	223	1,640	248	47	62	46
9	167	199	513	353	e380	1,840	222	2,040	206	44	66	47
10	147	207	465	358	e320	e1,300	275	1,070	183	40	76	44
11	135	245	429	339	e310	e900	417	776	159	54	56	43
12	130	288	376	708	e200	e950	439	563	276	48	48	42
13	195	286	355	1,440	e250	1,550	353	435	840	46	45	41
14	378	299	385	1,070	e260	2,310	286	372	479	44	46	43
15	791	506	914	e600	e280	1,930	260	356	273	46	54	59
16	1,630	435	2,960	e450	e260	2,450	423	345	193	49	45	50
17	1,360	352	1,740	e550	346	2,550	386	289	148	49	43	46
18	785	380	e770	e850	345	2,150	287	244	123	49	41	104
19	571	354	e580	e700	e270	2,280	243	213	143	47	38	135
20	876	428	e600	e500	e240	2,130	219	194	164	44	40	131
21	1,230	644	633	e420	e230	1,750	203	174	128	45	38	137
22	1,100	459	1,430	e390	e260	1,350	332	176	109	44	36	203
23	821	1,990	1,250	e420	385	1,020	1,280	206	91	54	36	294
24	612	1,580	e750	1,090	358	758	1,450	188	93	59	49	313
25	824	875	e500	986	356	626	1,210	165	107	46	40	233
26	695	627	e490	667	e280	544	934	149	107	54	36	175
27	745	500	e460	1,610	e290	432	1,070	131	95	57	38	153
28	615	568	1,000	2,330	e280	425	841	121	84	52	43	133
29	477	693	e710	1,440	282	466	588	185	88	52	40	135
30	408	1,840	e600	971	---	433	456	393	95	47	39	130
31	358	---	579	744	---	384	---	250	---	47	39	---
Total	17,510	15,770	24,553	23,511	12,115	33,696	14,490	15,110	7,391	1,575	1,458	3,052
Mean	565	526	792	758	418	1,087	483	487	246	50.8	47.0	102
Max	1,630	1,990	2,960	2,330	1,520	2,550	1,450	2,040	840	79	76	313
Min	130	199	355	339	200	270	203	121	84	40	36	37

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1923 - 2012, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	427	617	596	467	406	828	1,610	679	290	183	161	257
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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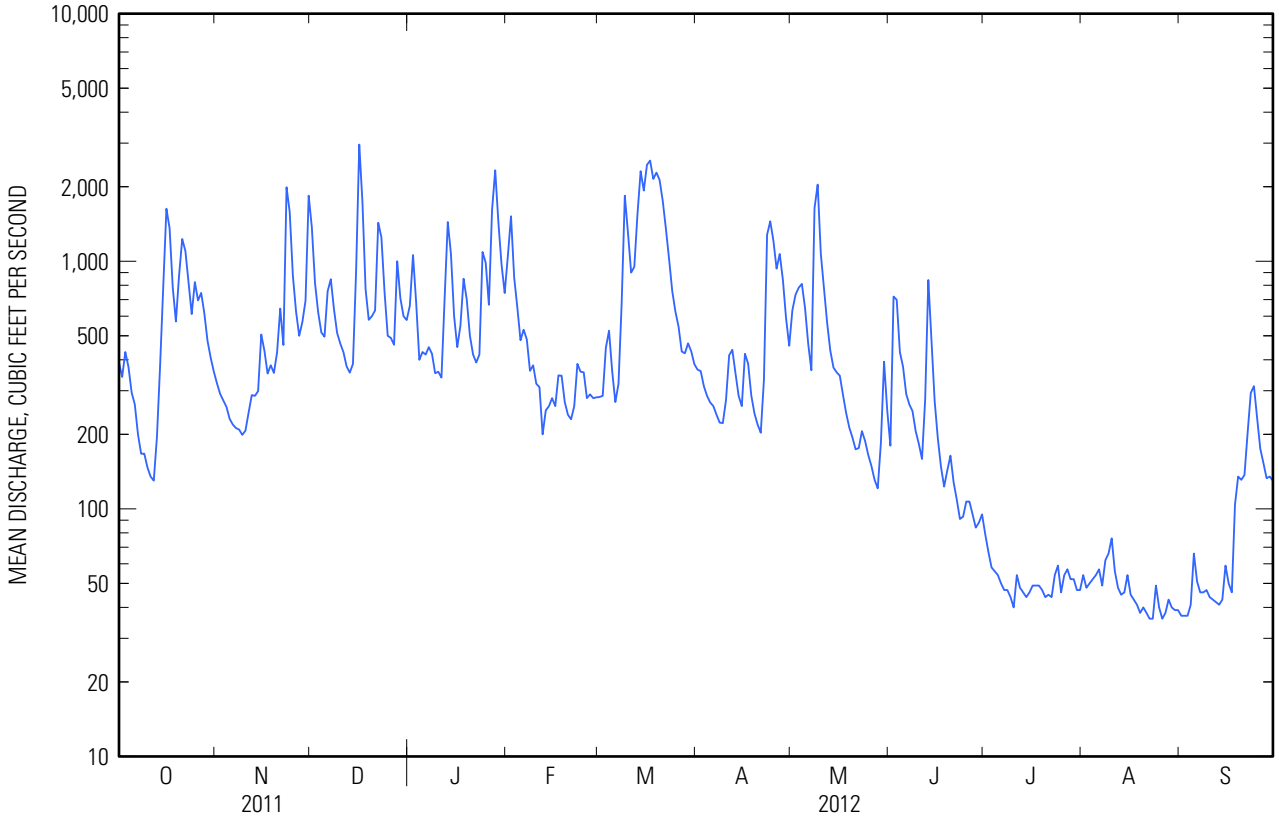
SUMMARY STATISTICS

	Calendar Year 2011		Water Year 2012		Water Years 1923 - 2012	
Annual total	225,319		170,231			
Annual mean	617		465		543	
Highest annual mean					909	1947
Lowest annual mean					357	1931
Highest daily mean	9,090	Apr 28	2,960	Dec 16	10,900	Jun 22, 1972
Lowest daily mean	53	Aug 2	36	Aug 22	5.2	Aug 15, 1949
Annual seven-day minimum	62	Jul 31	39	Aug 29	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	1,450		1,070		1,290	
50 percent exceeds	346		316		294	
90 percent exceeds	108		46		70