Water-Data Report 2012

04258000 BEAVER RIVER AT CROGHAN, NY

Northeastern Lake Ontario Basin
Black Subbasin

LOCATION.--Lat 43°53′50″, long 75°24′15″ referenced to North American Datum of 1983, Lewis County, NY, Hydrologic Unit 04150101, on left bank 1,200 ft upstream from Black Creek, and 0.5 mi west of Croghan.

DRAINAGE AREA.--291 mi^2.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--September 1930 to current year.

REVISED RECORDS.--WDR NY-82-1: Drainage area.

GAGE.--Water-stage recorder and crest-stage gage. Datum of gage is 806.20 ft above NGVD of 1929.

REMARKS.--No estimated daily discharges. Records good. Flow regulated by Stillwater Reservoir (see station 04256500). Between Stillwater Dam and this station, flow is further regulated by several powerplant ponds. Diurnal fluctuation at low and medium flow. Satellite gage-height telemeter at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 5,100 ft^3/s, May 21, 1969, gage height, 6.98 ft; minimum discharge, 11 ft^3/s, Jan. 22, 29, Feb. 4, 1967, gage height, 0.63 ft.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 1,560 ft^3/s, Jan. 16, gage height, 4.17 ft; minimum discharge, 235 ft^3/s, Aug. 13, gage height, 2.00 ft.

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 04258000, accessed at http://wdr.water.usgs.gov/wy2012/pdfs/04258000.2012.pdf

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

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	653	662	790	819	779	567	277	326	344	379	456	350
2	688	762	674	945	802	565	278	597	441	362	382	345
3	582	823	637	1,010	803	640	271	671	553	402	381	404
4	549	751	630	1,020	752	607	271	640	503	336	358	415
5	605	785	564	784	704	607	271	649	490	324	319	735
6	551	656	796	752	698	609	267	718	538	391	417	653
7	645	784	748	890	548	641	266	486	422	325	319	483
8	531	592	777	894	556	655	264	632	434	336	301	388
9	545	558	792	708	571	892	264	1,010	413	367	345	313
10	532	448	643	787	560	1,100	280	1,030	373	357	345	341
11	509	464	452	823	606	954	325	940	380	377	414	352
12	582	479	519	886	547	695	469	886	552	426	384	301
13	591	457	509	992	557	554	376	937	588	347	392	381
14	577	449	515	1,020	546	991	264	770	463	391	470	368
15	981	626	479	976	551	1,030	336	613	518	342	394	372
16	1,140	532	702	1,100	475	990	291	573	478	337	355	367
17	1,240	507	900	715	563	1,170	285	688	335	421	302	319
18	888	467	727	991	568	1,010	284	752	324	518	389	335
19	592	502	556	985	535	884	260	795	324	659	350	523
20	610	436	497	775	523	927	260	740	389	485	284	542
21	490	465	634	647	556	653	275	693	367	610	366	536
22	456	503	825	669	539	461	331	535	324	506	315	431
23	560	579	930	496	586	456	588	426	346	443	293	363
24	643	700	907	692	594	313	1,020	484	391	419	277	354
25	624	622	745	741	637	337	733	441	374	406	296	344
26	576	516	749	500	597	312	467	413	351	598	336	357
27	725	395	760	865	648	312	493	391	472	814	313	515
28	883	482	722	1,240	636	312	629	384	376	636	461	358
29	891	497	883	1,260	490	319	471	424	336	558	499	351
30	761	709	704	1,030	---	288	317	438	404	484	471	368
31	755	---	786	731	---	283	---	392	---	359	418	---
Total	20,955	17,208	21,552	26,743	17,527	20,134	11,183	19,474	12,603	13,715	11,402	12,264
Mean	676	574	695	863	604	649	373	628	420	442	368	409
Max	1,240	823	930	1,260	803	1,170	1,020	1,030	588	814	499	735
Min	456	395	452	496	475	283	260	326	324	324	277	301

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1930 - 2012, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	530	591	661	700	716	723	829	727	525	494	524	515
Max	1,015	1,144	1,190	1,486	1,519	1,490	1,842	1,977	1,184	863	913	824
(WY)	(2011)	(1989)	(1978)	(1978)	(1973)	(1976)	(2008)	(1943)	(1947)	(1972)	(1986)	(1986)
Min	258	160	175	315	292	321	298	199	244	174	293	313
(WY)	(2002)	(1940)	(1940)	(1961)	(1956)	(1967)	(1995)	(1941)	(1941)	(1965)	(2001)	(2001)

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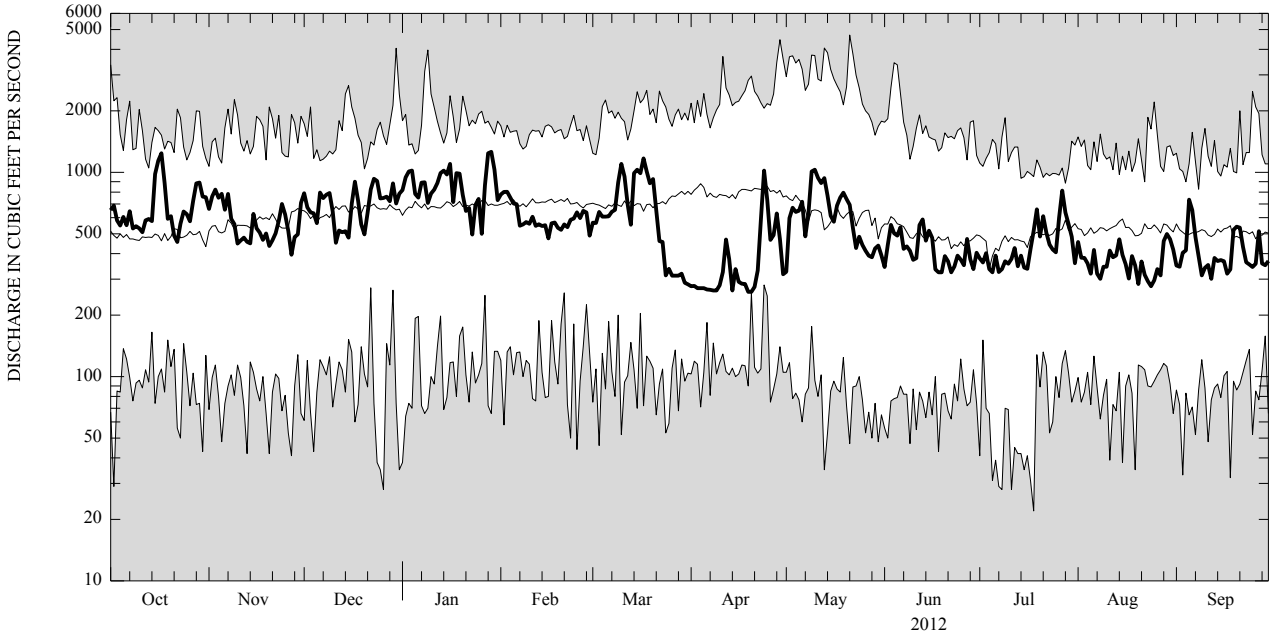
SUMMARY STATISTICS

	Calendar Year 2011		Water Year 2012		Water Years 1930 - 2012	
Annual total	299,182		204,760			
Annual mean	820		559		627	
Highest annual mean					916	1976
Lowest annual mean					361	1931
Highest daily mean	4,460	Apr 29	1,260	Jan 29	4,700	May 21, 1969
Lowest daily mean	294	Jul 23	260	Apr 19	22	Jul 18, 1965
Annual seven-day minimum	351	Jul 19	268	Apr 3	37	Jul 12, 1965
10 percent exceeds	1,420		887		997	
50 percent exceeds	649		523		585	
90 percent exceeds	415		319		290	



CURRENT WATER YEAR DAILY MEAN DISCHARGE (BOLD) WITH DAILY MEDIAN FOR PERIOD OF RECORD.
SHADED AREAS SHOW HIGHEST AND LOWEST DAILY MEAN FOR PERIOD OF RECORD THROUGH PREVIOUS WATER YEAR.