04237555 SENECA RIVER (UPSTREAM OF ONONDAGA OUTLET) NEAR LIVERPOOL, NY

Oswego Basin
Seneca Subbasin

LOCATION.--Lat 43°07'15.7", long 76°15'10.5" referenced to North American Datum of 1927, Onondaga County, NY, Hydrologic Unit 04140201, on pilings along right bank, 700 ft upstream from the mouth, and 2.6 mi northwest of Liverpool.

DRAINAGE AREA.--3,158 mi^2.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--November 2003 to current year.

GAGE.--Acoustic velocity meter and water-stage recorder. Datum of gage is 300.00 ft above NGVD of 1929.

REMARKS.--Records good except those for estimated daily discharges and for discharges during most of April, May, and August (bidirectional flow), which are fair. Considerable seasonal regulation by operation of gates in Seneca River and Erie (Barge) Canal. A large amount of natural storage and some artificial regulation is afforded by many large lakes and the Erie (Barge) Canal system in the river basin. Large diurnal fluctuations at low and medium flows caused by powerplants upstream from station. Seneca River basin receives water from Erie (Barge) Canal through Lock 32 near Pittsford. During part of year, entire flow from 45.5 mi^2 of Mud Creek drainage area may be diverted from Chemung River basin into Keuka Lake in Oswego River basin. Telephone and satellite gage-height telemeters at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily discharge, 5,200 ft^3/s, Apr 8, 2005; minimum daily discharge, -107 ft^3/s, Aug 28, 2005. Maximum and minimum instantaneous discharges not determined.

EXTREMES FOR CURRENT YEAR.-- Maximum daily discharge, 4,220 ft^3/s, Jul 15; minimum daily discharge, -80 ft^3/s, May 4. Maximum and minimum instantaneous discharges not determined.

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DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006
DAILY MEAN VALUES
[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	256	2,820	3,750	2,850	3,860	1,740	82	507	1,530	3,030	2,380	2,170
2	100	2,800	4,030	2,920	3,850	982	453	612	1,490	3,010	2,370	2,350
3	e500	2,770	3,940	2,990	3,920	642	584	582	1,550	2,780	2,010	2,400
4	e700	2,760	3,760	3,150	3,870	814	635	-80	2,170	2,770	1,430	2,490
5	600	2,780	3,510	3,190	4,010	889	528	178	2,490	2,640	1,410	2,510
6	501	2,700	3,220	3,090	4,130	811	553	366	2,620	2,430	1,530	2,490
7	690	2,660	3,090	3,170	3,920	790	544	97	2,550	1,750	1,390	2,480
8	441	2,590	3,080	3,020	3,770	813	559	486	2,450	1,690	1,240	2,520
9	1,100	2,610	2,860	2,960	3,750	863	221	371	2,460	1,670	1,180	2,310
10	370	2,630	2,760	2,910	3,750	1,330	99	315	2,480	1,580	1,190	2,480
11	276	2,700	2,880	2,990	3,790	1,690	421	307	2,440	1,610	750	2,480
12	750	2,860	2,840	2,900	3,730	1,660	376	119	2,390	2,320	438	2,360
13	991	2,740	2,910	2,980	3,770	1,670	73	595	2,430	3,370	290	1,710
14	1,220	2,620	2,990	3,350	3,720	1,950	206	844	2,410	4,020	187	2,290
15	1,420	2,560	3,000	3,640	3,720	2,670	454	1,020	2,290	4,220	526	2,550
16	1,630	2,530	3,000	3,920	3,610	2,940	252	807	1,840	4,140	526	2,650
17	1,510	2,860	2,990	3,970	3,580	2,900	414	671	1,590	3,760	312	2,600
18	1,520	2,880	3,010	3,940	3,820	2,760	129	467	1,520	3,370	29	2,380
19	1,440	2,980	2,950	3,880	3,640	2,550	101	301	1,320	3,070	344	1,870
20	1,300	2,990	2,860	3,940	3,610	2,350	332	316	1,310	3,040	525	1,990
21	1,410	2,720	2,880	3,900	3,520	2,130	251	481	1,340	2,610	368	2,120
22	1,440	2,650	2,830	3,850	3,400	1,640	533	738	1,550	2,140	266	2,190
23	1,500	2,810	2,790	3,800	3,300	1,150	1,010	461	1,370	2,160	335	2,190
24	1,860	2,810	2,850	3,790	3,280	1,050	1,520	263	1,340	2,480	190	2,130
25	2,110	2,780	2,870	3,750	2,710	921	1,240	617	1,430	2,420	4.4	2,090
26	2,490	2,800	2,850	3,720	2,330	859	551	767	1,550	2,250	444	2,130
27	3,090	2,820	2,830	3,740	2,340	757	242	686	1,800	2,340	379	1,790
28	3,270	2,760	2,980	3,720	2,280	598	177	433	2,440	2,230	347	1,460
29	3,110	2,860	2,870	3,830	---	542	77	510	2,820	2,260	412	1,650
30	2,960	3,270	2,870	3,830	---	453	288	1,150	2,920	2,220	1,160	1,960
31	2,840	---	2,920	3,890	---	141	---	1,440	---	2,290	1,720	---
Total	43,395	83,120	94,970	107,580	98,980	43,055	12,905	16,427	59,890	81,670	25,682.4	66,790
Mean	1,400	2,771	3,064	3,470	3,535	1,389	430	530	1,996	2,635	828	2,226
Max	3,270	3,270	4,030	3,970	4,130	2,940	1,520	1,440	2,920	4,220	2,380	2,650
Min	100	2,530	2,760	2,850	2,280	141	73	-80	1,310	1,580	4.4	1,460

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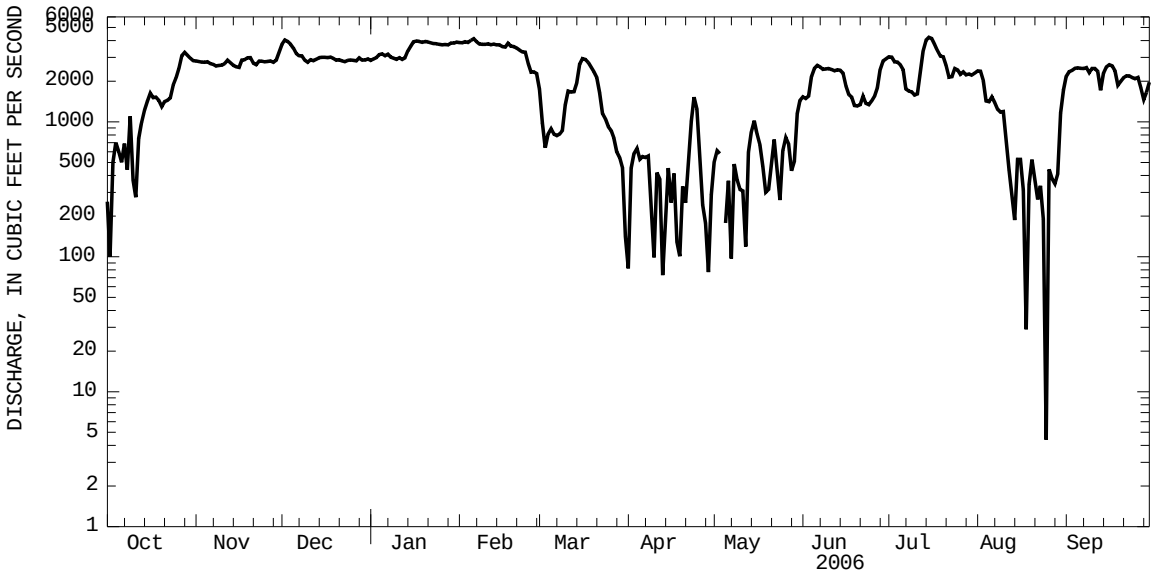

CURRENT WATER YEAR DAILY MEAN DISCHARGE.