04250200 SALMON RIVER AT PINEVILLE, NY

Southeastern Lake Ontario Basin
Salmon-Sandy Subbasin

LOCATION.--Lat 43°32′00″, long 76°02′20″ referenced to North American Datum of 1927, Oswego County, NY, Hydrologic Unit 04140102, on right bank 30 ft downstream from County Highway 48 in Pineville, 0.8 mi upstream from Trout Brook, and 2.3 mi northwest of Altmar.

DRAINAGE AREA.--238 mi^2.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--November 1992 to current year.

GAGE.--Water-stage recorder and crest-stage gage. Datum of gage is 477.54 ft above NGVD of 1929.

REMARKS.--No estimated daily discharges. Records good. Seasonal regulation of flow by Salmon River Reservoir at Redfield. Extensive diurnal fluctuation caused by powerplants at Bennett Bridge and Lighthouse Hill. Satellite and telephone gage-height telemeter at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 11,700 ft^3/s, Jan. 8, 1998, gage height, 12.62 ft; minimum discharge not determined.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum discharge, 24,800 ft^3/s, Dec. 29, 1984, gage height, 16.36 ft, on basis of contracted-opening measurement of peak flow.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 5,850 ft^3/s, Nov 30, gage height, 10.19 ft, outside gage height was 10.85 ft, from crest-stage gage; minimum discharge, 222 ft^3/s, Jun 16, 17, Aug 17, 18, 19, 24, 25, gage height, 5.40 ft.

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

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	838	506	3,100	518	1,380	904	968	379	249	855	1,470	357
2	817	459	1,960	503	1,410	906	972	377	245	609	1,440	362
3	798	455	1,830	512	1,930	867	980	382	261	593	658	369
4	787	451	1,130	512	2,360	670	1,690	373	254	598	659	372
5	784	445	1,030	564	2,340	646	1,800	266	246	601	814	372
6	785	440	1,020	586	2,030	638	1,750	259	242	593	784	371
7	920	450	1,000	545	1,400	637	1,390	257	237	594	352	363
8	1,760	450	1,010	534	1,360	631	1,050	258	237	788	268	362
9	1,270	509	1,010	518	1,310	678	1,010	264	241	778	266	360
10	1,740	743	1,000	512	1,300	1,240	996	446	264	789	260	342
11	1,720	971	994	518	1,300	1,360	982	778	255	878	259	246
12	1,710	932	988	623	1,290	1,360	972	823	244	915	248	243
13	1,860	893	964	672	1,270	1,430	988	792	233	1,010	241	304
14	2,280	871	959	1,410	1,270	1,760	937	450	231	915	239	330
15	2,240	883	961	1,800	1,270	2,270	658	303	226	970	239	313
16	1,810	1,040	588	1,600	1,270	2,140	646	294	223	947	228	430
17	1,750	1,150	548	2,310	1,320	2,080	614	274	243	844	225	422
18	1,750	1,100	535	2,270	1,320	2,060	415	264	240	1,150	224	407
19	1,770	1,750	527	2,400	1,290	2,060	393	266	254	1,140	229	404
20	1,720	1,730	527	2,220	1,290	2,040	387	287	313	1,130	235	436
21	1,690	1,720	604	2,140	1,280	2,020	379	468	286	1,190	235	454
22	1,700	1,710	945	1,500	1,270	1,930	396	368	283	843	231	431
23	1,740	1,660	950	1,080	1,260	1,300	428	295	268	824	228	420
24	1,730	993	958	1,100	1,210	933	424	279	475	842	226	416
25	1,740	479	978	1,110	949	466	417	270	459	1,170	224	424
26	1,740	477	1,020	1,290	949	469	405	271	256	1,190	227	433
27	1,720	472	1,020	1,270	925	474	394	253	472	1,200	229	426
28	1,710	574	1,010	1,270	908	473	387	249	2,050	1,330	231	465
29	1,140	1,940	1,030	1,280	---	475	381	246	1,960	1,350	242	985
30	946	4,190	1,030	1,410	---	485	377	251	1,320	1,340	239	1,270
31	915	---	549	1,430	---	538	---	239	---	1,270	240	---
Total	45,880	30,443	31,775	36,007	38,461	35,940	23,586	10,981	12,767	29,246	11,890	12,889
Mean	1,480	1,015	1,025	1,162	1,374	1,159	786	354	426	943	384	430
Max	2,280	4,190	3,100	2,400	2,360	2,270	1,800	823	2,050	1,350	1,470	1,270
Min	784	440	527	503	908	466	377	239	223	593	224	243

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1993 - 2006, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	682	825	825	836	751	1,151	1,788	783	421	366	293	489
Max	1,480	1,405	1,397	1,704	1,374	1,809	2,818	1,684	768	943	465	875
(WY)	(2006)	(2004)	(1997)	(1998)	(2006)	(2003)	(1993)	(2003)	(1993)	(2006)	(2003)	(2004)
Min	280	245	390	359	504	549	512	261	214	74.4	70.4	291
(WY)	(2003)	(1999)	(1999)	(2001)	(2004)	(1993)	(1995)	(1998)	(1995)	(1995)	(1995)	(2002)

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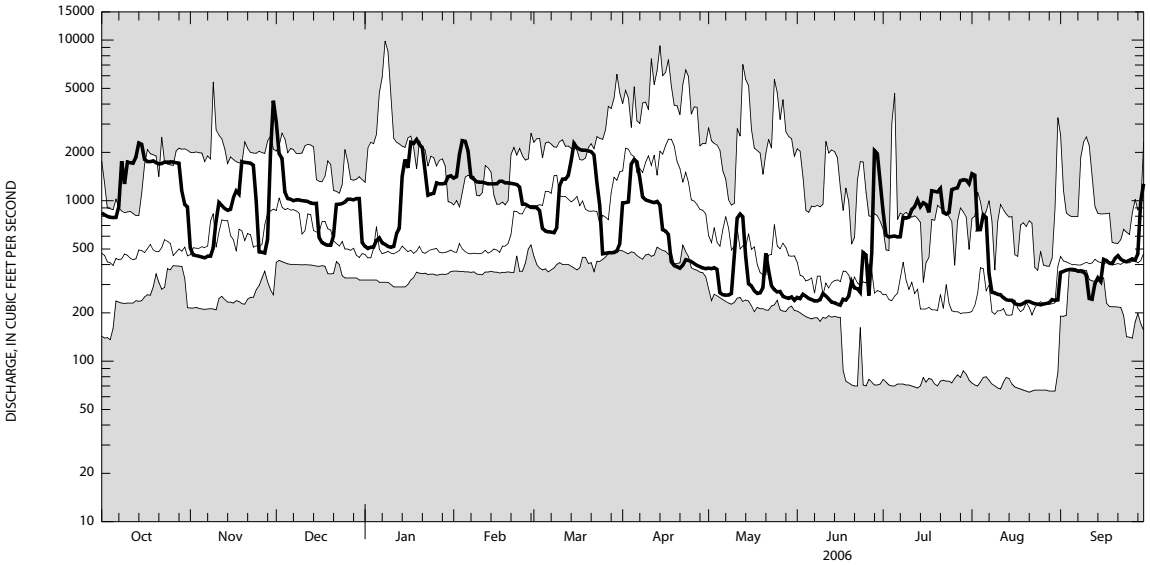
SUMMARY STATISTICS

	Calendar Year 2005		Water Year 2006		Water Years 1993 - 2006	
Annual total	284,102		319,865			
Annual mean	778		876		763	
Highest annual mean					921	2004
Lowest annual mean					548	1995
Highest daily mean	4,190	Nov 30	4,190	Nov 30	9,880	Jan 8, 1998
Lowest daily mean	227	Aug 27	223	Jun 16	64	Aug 21, 1995
Annual seven-day minimum	232	Aug 24	228	Aug 22	65	Aug 19, 1995
10 percent exceeds	1,720		1,750		1,690	
50 percent exceeds	523		784		480	
90 percent exceeds	253		247		222	



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.