

01350101 SCHOHARIE CREEK AT GILBOA, NY

Upper Hudson Basin
Schoharie Subbasin

LOCATION.--Lat 42°23'50", long 74°27'03" referenced to North American Datum of 1927, Schoharie County, NY, Hydrologic Unit 02020005, on left bank 200 ft upstream from bridge on County Highway 322, 0.2 mi west of village of Gilboa, 0.4 mi downstream from dam on Schoharie Reservoir, and 0.8 mi upstream from the Platter Kill.

DRAINAGE AREA.--316 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--October 1975 to current year (since October 1983, discharges only for days of Schoharie Reservoir spill and since October 1989, discharges only for days of mean flow exceeding 10 ft³/s).

REVISED RECORDS.--WDR NY-90-1: Drainage area.

GAGE.--Water-stage recorder and crest-stage gage. Datum of gage is 939.56 ft above NGVD of 1929.

REMARKS.--No estimated daily discharges. Records fair. Entire flow, runoff from 315 mi², except for periods of spill, diverted from Schoharie Reservoir through Shandaken Tunnel into Esopus Creek upstream from Ashokan Reservoir for water supply of city of New York. Satellite gage-height telemeter at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 70,800 ft³/s, Jan. 19, 1996, gage height, 30.60 ft, outside gage height was 32.2 ft, from floodmark, from rating curve extended above 16,000 ft³/s on basis of flow-over-dam measurement of peak flow; minimum daily discharge, 0.04 ft³/s on many days, June to October 1976, and Sept. 11-13, 1980, but may have been lower since October 1983 (see PERIOD OF RECORD); minimum instantaneous discharge not determined.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum discharge, about 65,000 ft³/s, Oct. 16, 1955, by computation of flow over dam; flood of Mar. 18, 1936, reached a discharge of 32,000 ft³/s, from information furnished by Bureau of Water Resources Development, City of New York.

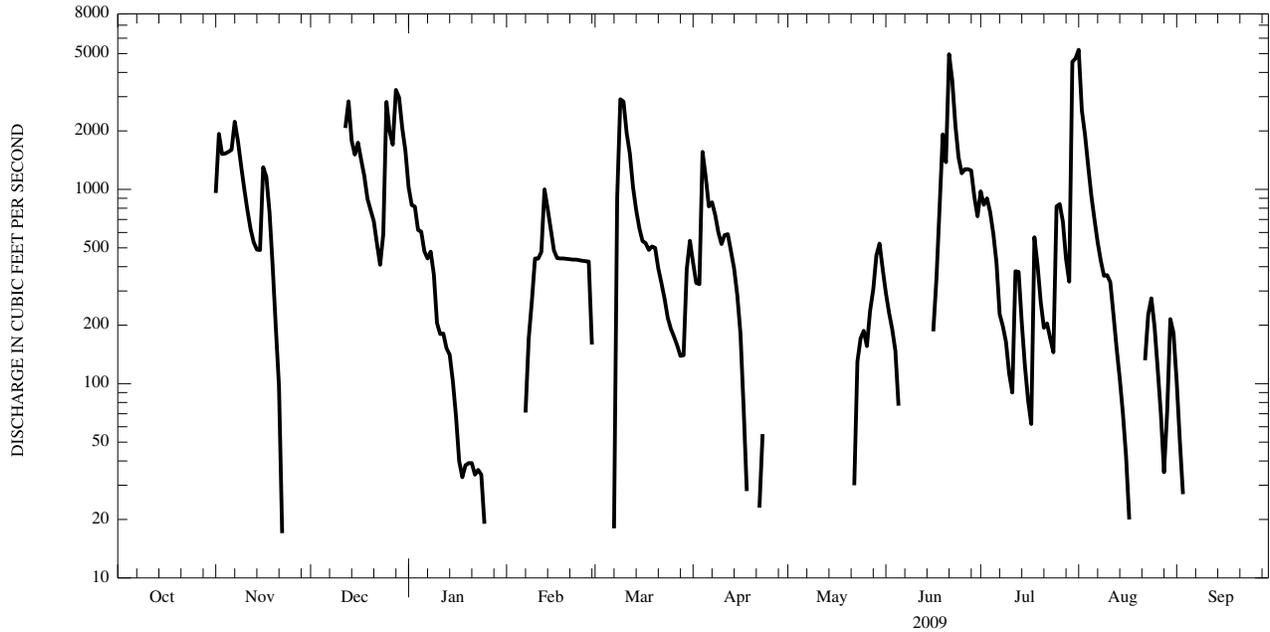
EXTREMES FOR CURRENT YEAR.--Maximum discharge, 28,200 ft³/s, Mar. 23, gage height, 21.86 ft; minimum discharge not determined.

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DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	883	239	395	562	323	6,740	189	---	---	---	---
2	---	728	457	401	523	321	5,840	166	---	---	---	---
3	---	593	1,580	409	498	318	5,900	144	---	---	---	---
4	---	498	2,080	397	461	315	5,300	138	---	---	---	---
5	---	399	1,310	398	405	314	3,920	132	---	---	---	---
6	---	275	990	279	388	312	3,070	128	---	---	---	---
7	---	165	789	363	368	308	2,660	58	---	---	---	---
8	---	105	670	394	364	305	2,430	---	---	---	---	---
9	---	64	630	371	364	304	2,450	---	---	---	---	---
10	---	16	644	368	360	304	2,120	---	---	---	---	---
11	---	---	608	366	360	306	1,570	---	---	---	---	---
12	---	---	596	366	359	312	1,130	---	---	---	---	---
13	---	---	592	365	357	322	902	---	---	---	---	---
14	---	---	603	364	355	340	750	---	---	---	---	---
15	---	36	726	363	353	620	631	---	---	---	---	---
16	---	151	828	362	351	3,760	649	---	---	---	---	---
17	---	131	684	361	349	3,480	657	---	---	---	---	---
18	---	85	598	358	347	3,200	592	---	---	---	---	---
19	---	57	592	355	346	3,520	509	---	---	---	---	---
20	---	798	588	354	344	4,350	437	---	---	---	---	---
21	---	1,330	585	354	342	5,290	377	---	---	---	---	---
22	---	847	581	351	339	6,130	343	---	---	---	---	---
23	---	623	575	350	337	17,800	294	---	---	---	---	---
24	---	524	570	348	334	7,800	188	---	---	---	---	---
25	---	466	563	4,520	331	4,950	154	---	---	---	---	---
26	---	418	556	8,090	326	4,110	168	---	---	---	---	---
27	---	374	564	3,340	326	2,860	305	---	---	---	---	---
28	---	360	581	2,050	324	2,190	347	---	---	---	---	---
29	780	343	591	1,220	---	3,310	288	---	---	---	---	---
30	1,200	292	463	753	---	6,430	230	---	---	---	---	---
31	950	---	394	611	---	11,600	---	---	---	---	---	---
Total	---	---	21,827	29,376	10,473	95,804	50,951	---	---	---	---	---
Mean	---	---	704	948	374	3,090	1,698	---	---	---	---	---
Max	---	---	2,080	8,090	562	17,800	6,740	---	---	---	---	---
Min	---	---	239	279	324	304	154	---	---	---	---	---

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CURRENT WATER YEAR DAILY MEAN DISCHARGE.