01349541 SUGARLOAF BROOK SOUTH OF TANNERSVILLE, NY

Upper Hudson Basin
Schoharie Subbasin

LOCATION.--Lat 42°08′42″, long 74°07′24″ referenced to North American Datum of 1927, Greene County, NY, Hydrologic Unit 02020005, on left bank 140 ft upstream from bridge on Dale Lane, and 4.9 mi southeast of Tannersville.

DRAINAGE AREA.--1.12 mi^2.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--September 1999 to June 2009 (discontinued).

GAGE.--Water-stage recorder and crest-stage gage. Elevation of gage is 1,940 ft above NGVD of 1929, from topographic map.

REMARKS.--Records fair except those for estimated daily discharges and those below 1.0 ft^3/s, which are poor. Satellite and telephone gage-height telemeter at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 761 ft^3/s, June 26, 2006, gage height, 4.26 ft, outside gage height was 5.18 ft, from crest-stage gage, from rating curve extended above 120 ft^3/s on basis of contracted-opening measurement of peak flow; minimum discharge, 0.01 ft^3/s, part or all of each day Sept. 8-10, 13, 18-20, 2001, Aug. 15-24, 26-29, Sept. 14-15, 2002; minimum gage height, 0.78 ft, Sept. 9, 10, 2001, Aug. 28, 29, 2002.

EXTREMES FOR CURRENT PERIOD.--October 2008 to June 2009: Peak discharges greater than base discharge of 100 ft^3/s and (or) maximum (*):

Date	Time	Discharge (ft^3/s)	Gage height (ft)
Oct 25	1955	a*280	*3.35
No other peak greater than base discharge			

a From rating curve extended as explained above.

Minimum discharge, about 0.30 ft^3/s, Feb. 6, 7; minimum gage height, 1.00 ft, Oct. 23, 24, 25.

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DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009
DAILY MEAN VALUES
[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	14	9.6	5.4	3.0	e0.34	2.3	4.0	2.2	2.3	---	---	---
2	7.7	6.1	3.6	2.7	e0.33	1.6	3.6	2.1	2.0	---	---	---
3	4.2	4.7	2.6	2.2	e0.32	1.3	26	1.9	1.7	---	---	---
4	2.8	5.0	2.4	1.9	e0.31	1.1	17	1.7	1.5	---	---	---
5	2.1	4.7	2.2	1.8	e0.31	1.0	6.6	1.6	1.3	---	---	---
6	1.7	4.3	1.8	1.5	e0.31	1.1	6.3	2.1	1.1	---	---	---
7	1.4	4.8	1.5	e1.4	e0.30	4.6	6.9	3.8	0.97	---	---	---
8	1.1	4.6	1.2	e1.3	0.65	14	4.8	3.3	0.86	---	---	---
9	1.0	4.3	1.3	1.2	0.52	23	3.7	3.1	1.1	---	---	---
10	0.90	3.4	7.9	1.0	0.45	8.2	3.2	2.7	0.97	---	---	---
11	0.79	2.8	7.0	0.99	0.74	7.8	3.9	2.4	1.0	---	---	---
12	0.74	2.4	30	0.91	3.0	6.5	3.3	2.1	3.6	---	---	---
13	0.69	2.3	6.4	0.85	2.1	3.9	2.8	1.9	3.3	---	---	---
14	0.64	5.1	4.0	0.81	1.4	3.2	2.5	2.4	6.3	---	---	---
15	0.63	16	7.2	0.74	1.1	2.7	2.1	3.1	13	---	---	---
16	0.63	16	9.6	0.68	0.89	2.6	1.9	5.1	8.9	---	---	---
17	0.62	5.9	5.6	e0.63	0.78	2.6	1.7	15	4.9	---	---	---
18	0.59	3.9	4.0	e0.62	0.71	3.2	1.6	6.1	41	---	---	---
19	0.54	3.0	3.1	e0.61	0.70	4.2	1.6	4.1	18	---	---	---
20	0.52	2.4	2.9	0.59	0.64	3.4	1.9	3.1	16	---	---	---
21	0.51	2.0	2.4	0.56	0.59	2.7	7.1	2.5	28	---	---	---
22	0.52	1.6	2.1	0.52	0.59	2.3	8.5	2.0	13	---	---	---
23	0.48	1.4	1.8	0.47	0.54	1.7	5.2	1.6	8.7	---	---	---
24	0.45	1.3	2.8	0.45	0.53	1.7	3.8	1.5	6.6	---	---	---
25	50	1.9	7.8	0.42	0.50	1.6	3.1	1.2	5.3	---	---	---
26	23	1.5	4.4	0.41	0.52	1.5	3.0	1.0	4.8	---	---	---
27	6.0	1.3	13	0.38	1.5	1.7	3.1	2.1	4.6	---	---	---
28	5.6	1.1	25	e0.38	4.5	2.0	3.0	1.8	4.1	---	---	---
29	4.2	1.0	11	e0.37	---	10	2.7	4.4	3.6	---	---	---
30	3.3	1.0	5.8	e0.36	---	14	2.4	3.7	4.1	---	---	---
31	3.8	---	3.7	e0.35	---	5.4	---	2.8	---	---	---	---
Total	141.15	125.4	189.5	30.10	25.17	142.9	147.3	94.4	212.60	---	---	---
Mean	4.55	4.18	6.11	0.97	0.90	4.61	4.91	3.05	7.09	---	---	---
Max	50	16	30	3.0	4.5	23	26	15	41	---	---	---
Min	0.45	1.0	1.2	0.35	0.30	1.0	1.6	1.0	0.86	---	---	---
Cfsm	4.07	3.73	5.46	0.87	0.80	4.12	4.38	2.72	6.33	---	---	---
In.	4.69	4.17	6.29	1.00	0.84	4.75	4.89	3.14	7.06	---	---	---

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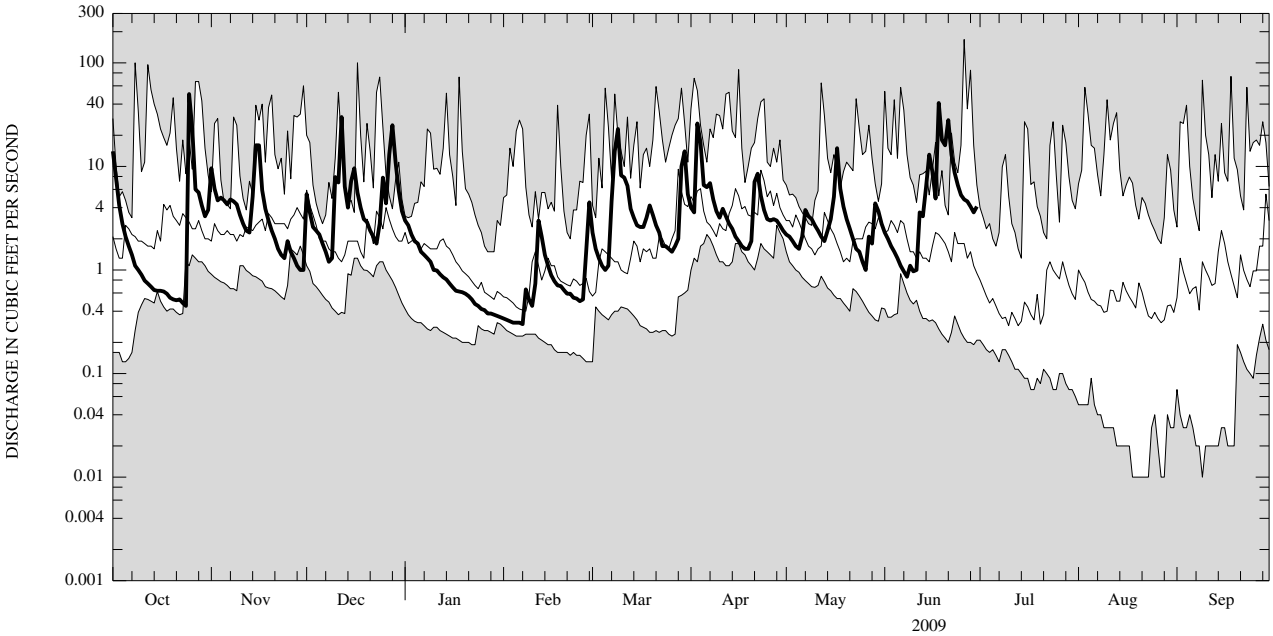

CURRENT WATER YEAR DAILY MEAN DISCHARGE (BOLD) WITH DAILY MEDIAN FOR PERIOD OF RECORD.
SHADED AREAS SHOW HIGHEST AND LOWEST DAILY MEAN FOR PERIOD OF RECORD THROUGH PREVIOUS WATER YEAR.