

01349840 BATAVIA KILL NEAR MAPLECREST, NY

Upper Hudson Basin
Schoharie Subbasin

LOCATION.--Lat 42°17'22", long 74°06'59" referenced to North American Datum of 1927, Greene County, NY, Hydrologic Unit 02020005, on left bank off County Highway 56, 4.1 mi northeast of Maplecrest.

DRAINAGE AREA.--2.03 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--October 1997 to June 2009 (discontinued).

GAGE.--Water-stage recorder and crest-stage gage. Elevation of gage is 2,160 ft above NGVD of 1929, from topographic map.

REMARKS.--Records fair except those for estimated daily discharges, which are poor. Satellite and telephone gage-height telemeter at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 800 ft³/s, Sept. 16, 1999, gage height, 6.12 ft, from rating curve extended above 80 ft³/s on basis of step-backwater analysis of peak flow; minimum discharge, 0.14 ft³/s, Sept. 20, 21, 2002; minimum gage height, 0.97 ft, Aug. 23, 24, 25, 2005.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum discharge, about 600 ft³/s, Jan. 19, 1996, gage height, about 6.0 ft, from floodmark, from rating curve extended as explained above.

EXTREMES FOR CURRENT PERIOD.--October 2008 to June 2009: Peak discharges greater than base discharge of 70 ft³/s and (or) maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Jun 21	0435	*67	*3.16

Minimum daily discharge, about 0.92 ft³/s, Feb. 5-6; minimum gage height, 1.28 ft, Feb. 5, 6, 7; minimum instantaneous discharge not determined.

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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	8.5	12	5.0	e10	e1.0	e2.8	4.9	4.6	3.2	---	---	---
2	6.9	12	3.8	8.5	e0.96	e2.8	4.6	4.4	3.0	---	---	---
3	5.8	12	3.5	7.1	e0.93	e2.7	17	4.0	2.8	---	---	---
4	4.9	14	3.6	6.0	e0.93	e2.7	18	3.7	2.7	---	---	---
5	4.3	17	3.5	5.4	e0.92	e2.7	13	3.9	2.5	---	---	---
6	3.9	26	3.3	4.5	e0.92	2.5	12	4.7	2.4	---	---	---
7	3.4	30	3.2	4.4	e0.95	4.0	11	5.5	2.2	---	---	---
8	3.1	20	e3.0	3.9	1.6	8.5	9.1	5.3	2.1	---	---	---
9	2.9	15	e2.8	3.3	1.3	17	8.0	5.6	2.4	---	---	---
10	2.6	12	5.0	3.0	1.3	12	7.3	5.7	2.1	---	---	---
11	2.4	9.8	6.2	2.8	1.7	11	7.6	5.5	2.0	---	---	---
12	2.2	8.1	18	2.5	3.4	9.8	6.4	5.2	2.1	---	---	---
13	2.1	7.2	13	2.3	e2.6	8.4	5.8	4.8	2.4	---	---	---
14	2.0	6.6	11	2.2	e2.3	7.6	5.4	4.7	3.0	---	---	---
15	2.0	9.2	16	2.1	e2.2	6.7	4.9	4.3	4.2	---	---	---
16	2.0	13	15	e2.0	e2.2	5.8	4.4	4.3	4.4	---	---	---
17	1.9	11	14	e2.0	e2.2	5.2	4.1	5.0	4.1	---	---	---
18	1.8	9.5	11	e1.9	e2.1	4.8	3.8	4.4	11	---	---	---
19	1.7	8.3	e9.6	1.8	2.1	4.8	3.5	4.3	11	---	---	---
20	1.7	7.3	e8.3	1.7	2.1	4.4	3.6	4.0	17	---	---	---
21	1.6	6.2	e7.1	1.6	1.9	4.0	5.4	3.7	47	---	---	---
22	1.6	5.3	e6.2	1.6	1.9	3.7	7.0	3.4	26	---	---	---
23	1.5	4.6	e5.4	1.5	1.8	3.4	6.4	3.1	18	---	---	---
24	1.5	4.2	7.3	1.5	1.7	4.0	6.0	3.0	14	---	---	---
25	13	4.5	11	e1.4	1.7	3.0	5.8	2.7	12	---	---	---
26	22	3.6	8.1	e1.3	1.7	2.9	5.7	2.6	12	---	---	---
27	13	3.1	14	e1.3	2.8	2.8	5.6	4.0	11	---	---	---
28	14	2.9	25	e1.2	3.3	2.7	5.4	3.3	9.7	---	---	---
29	12	2.6	19	e1.2	---	3.7	5.1	4.0	8.4	---	---	---
30	10	2.5	15	e1.1	---	6.6	4.8	3.7	8.2	---	---	---
31	9.8	---	12	e1.1	---	5.2	---	3.5	---	---	---	---
Total	166.1	299.5	288.9	92.2	50.51	168.2	211.6	130.9	252.9	---	---	---
Mean	5.36	9.98	9.32	2.97	1.80	5.43	7.05	4.22	8.43	---	---	---
Max	22	30	25	10	3.4	17	18	5.7	47	---	---	---
Min	1.5	2.5	2.8	1.1	0.92	2.5	3.5	2.6	2.0	---	---	---
Cfsm	2.64	4.92	4.59	1.47	0.89	2.67	3.47	2.08	4.15	---	---	---
In.	3.04	5.49	5.29	1.69	0.93	3.08	3.88	2.40	4.63	---	---	---

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