

Water-Data Report 2009

01415460 TERRY CLOVE KILL NEAR DE LANCEY, NY

Upper Delaware Basin
East Branch Delaware Subbasin

LOCATION.--Lat 42°08'49.6", long 74°54'18.8" referenced to North American Datum of 1983, Delaware County, NY, Hydrologic Unit 02040102, on right bank, 0.3 mi upstream of intersection of Coles Clove and Terry Clove Roads, and 1.9 mi upstream of Pepacton Reservoir, near De Lancey.

DRAINAGE AREA.--7.91 mi²,

SURFACE-WATER RECORDS

PERIOD OF RECORD.--August 2008 to June 2009 (discontinued).

GAGE.--Water-stage recorder and crest-stage gage. Datum of gage is 1,432.54 ft above NGVD of 1929.

REMARKS.--Records good, except for periods of estimated daily discharges, which are poor. Satellite telemeter at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 210 ft³/s, June 20, 2009, gage height, 4.57 ft; minimum discharge, 1.3 ft³/s, Sept. 23, 24, 25, 26, 2008; minimum gage height, 0.86 ft, Sept. 5, 6, 2008.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum discharge, 222 ft³/s, Aug. 9, 2009, gage height, 4.66 ft.

EXTREMES FOR CURRENT PERIOD.--August to September 2008: Maximum discharge, 59 ft³/s, Sept. 28, gage height, 2.85 ft; minimum discharge, 1.3 ft³/s, Sept. 23, 24, 25, 26; minimum gage height, 0.86 ft, Sept. 5, 6.

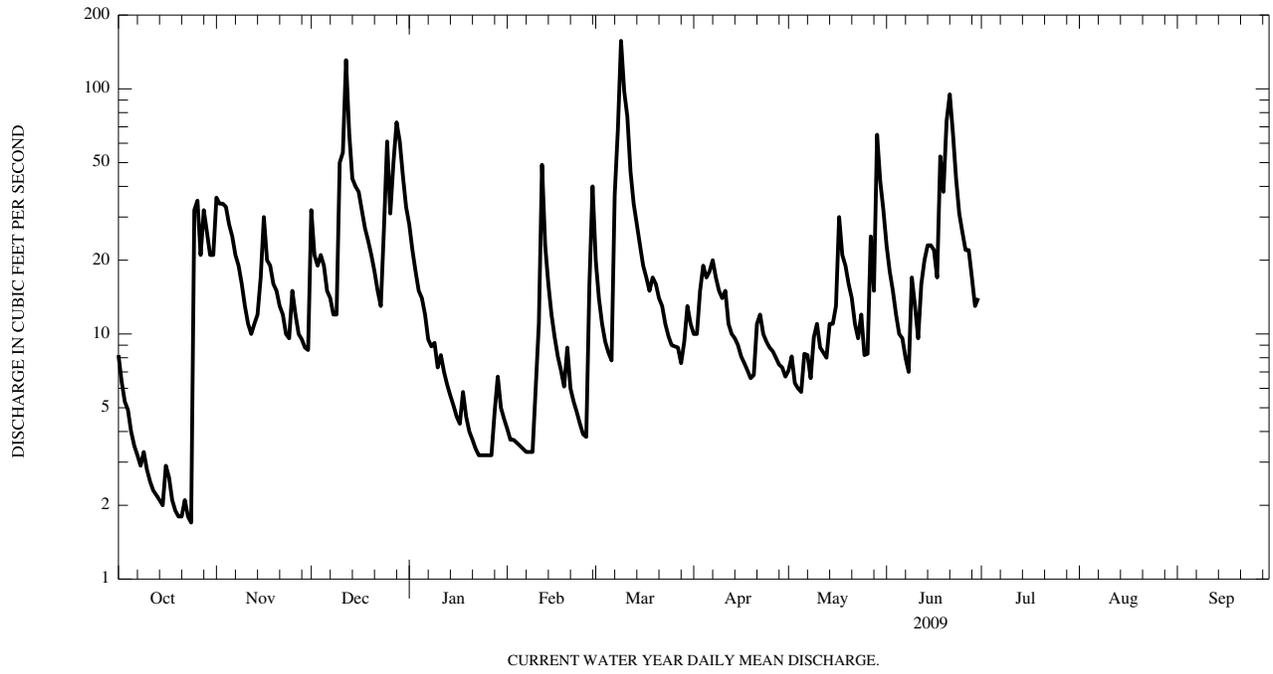
October 2008 to June 2009: Maximum discharge, 210 ft³/s, June 20, gage height, 4.57 ft; minimum discharge, 1.7 ft³/s, Oct. 21, 23, 24, 25; minimum gage height, 0.96 ft, Jan. 24.

01415460 TERRY CLOVE KILL NEAR DE LANCEY, NY—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008
DAILY MEAN VALUES
[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	---	---	---	3.0	1.6
2	---	---	---	---	---	---	---	---	---	---	3.8	1.6
3	---	---	---	---	---	---	---	---	---	---	3.6	1.5
4	---	---	---	---	---	---	---	---	---	---	2.9	1.5
5	---	---	---	---	---	---	---	---	---	---	2.5	1.5
6	---	---	---	---	---	---	---	---	---	---	3.2	2.5
7	---	---	---	---	---	---	---	---	---	---	2.6	2.7
8	---	---	---	---	---	---	---	---	---	---	2.4	1.8
9	---	---	---	---	---	---	---	---	---	---	2.2	8.8
10	---	---	---	---	---	---	---	---	---	---	4.3	e5.0
11	---	---	---	---	---	---	---	---	---	---	9.6	e3.0
12	---	---	---	---	---	---	---	---	---	---	6.5	2.3
13	---	---	---	---	---	---	---	---	---	---	4.2	3.1
14	---	---	---	---	---	---	---	---	---	---	3.5	4.3
15	---	---	---	---	---	---	---	---	---	---	4.9	2.8
16	---	---	---	---	---	---	---	---	---	---	3.7	2.2
17	---	---	---	---	---	---	---	---	---	---	3.1	2.0
18	---	---	---	---	---	---	---	---	---	---	2.9	1.8
19	---	---	---	---	---	---	---	---	---	---	3.8	1.6
20	---	---	---	---	---	---	---	---	---	---	2.8	1.6
21	---	---	---	---	---	---	---	---	---	---	2.4	1.5
22	---	---	---	---	---	---	---	---	---	---	2.2	1.5
23	---	---	---	---	---	---	---	---	---	---	2.1	1.4
24	---	---	---	---	---	---	---	---	---	---	2.0	1.3
25	---	---	---	---	---	---	---	---	---	---	2.0	1.3
26	---	---	---	---	---	---	---	---	---	---	1.8	2.7
27	---	---	---	---	---	---	---	---	---	---	1.7	2.0
28	---	---	---	---	---	---	---	---	---	---	1.7	15
29	---	---	---	---	---	---	---	---	---	---	2.0	11
30	---	---	---	---	---	---	---	---	---	---	2.1	6.6
31	---	---	---	---	---	---	---	---	---	---	1.8	---
Total	---	---	---	---	---	---	---	---	---	---	97.3	97.5
Mean	---	---	---	---	---	---	---	---	---	---	3.14	3.25
Max	---	---	---	---	---	---	---	---	---	---	9.6	15
Min	---	---	---	---	---	---	---	---	---	---	1.7	1.3
Cfsm	---	---	---	---	---	---	---	---	---	---	0.40	0.41
In.	---	---	---	---	---	---	---	---	---	---	0.46	0.46

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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	8.2	36	32	28	e4.1	e20	10	7.1	23	---	---	---
2	6.4	34	21	22	e3.7	e14	10	8.1	18	---	---	---
3	5.3	34	19	18	e3.7	e11	15	6.3	15	---	---	---
4	4.9	33	21	15	e3.6	e9.3	19	6.0	12	---	---	---
5	4.0	28	19	14	e3.5	e8.4	17	5.8	10	---	---	---
6	3.5	25	15	12	e3.4	e7.8	18	8.3	9.6	---	---	---
7	3.2	21	14	e9.5	e3.3	37	20	8.2	8.0	---	---	---
8	2.9	19	12	e8.9	e3.3	68	17	6.6	7.0	---	---	---
9	3.3	16	12	e9.2	e3.3	157	15	9.7	17	---	---	---
10	2.8	13	50	e7.3	6.0	98	14	11	13	---	---	---
11	2.5	11	55	e8.2	11	77	15	8.8	9.6	---	---	---
12	2.3	10	131	e7.0	49	46	11	8.4	16	---	---	---
13	2.2	11	66	e6.2	e23	34	10	8.0	20	---	---	---
14	2.1	12	43	e5.6	e16	28	9.6	11	23	---	---	---
15	2.0	17	40	e5.1	e12	23	9.0	11	23	---	---	---
16	2.9	30	38	e4.6	e9.7	19	8.1	13	22	---	---	---
17	2.6	20	32	e4.3	e8.1	17	7.6	30	17	---	---	---
18	2.1	19	27	e5.8	e7.1	15	7.1	21	53	---	---	---
19	1.9	16	24	e4.6	e6.1	17	6.6	19	38	---	---	---
20	1.8	15	21	e4.0	e8.8	16	6.8	16	74	---	---	---
21	1.8	13	18	e3.7	e6.0	14	11	14	95	---	---	---
22	2.1	12	15	e3.4	e5.3	13	12	11	66	---	---	---
23	1.8	10	13	e3.2	e4.8	11	10	9.6	43	---	---	---
24	1.7	9.6	27	e3.2	e4.3	9.8	9.3	12	31	---	---	---
25	32	15	61	e3.2	e3.9	9.0	8.8	8.2	26	---	---	---
26	35	12	31	e3.2	e3.8	8.9	8.5	8.3	22	---	---	---
27	21	10	50	e3.2	e16	8.8	8.0	25	22	---	---	---
28	32	9.5	73	e4.8	e40	7.6	7.5	15	17	---	---	---
29	26	8.8	61	e6.7	---	9.3	7.3	65	13	---	---	---
30	21	8.6	44	e5.0	---	13	6.7	42	14	---	---	---
31	21	---	33	e4.5	---	11	---	32	---	---	---	---
Total	262.3	528.5	1,118	243.4	272.8	837.9	334.9	465.4	777.2	---	---	---
Mean	8.46	17.6	36.1	7.85	9.74	27.0	11.2	15.0	25.9	---	---	---
Max	35	36	131	28	49	157	20	65	95	---	---	---
Min	1.7	8.6	12	3.2	3.3	7.6	6.6	5.8	7.0	---	---	---
Cfsm	1.07	2.23	4.56	0.99	1.23	3.42	1.41	1.90	3.28	---	---	---
In.	1.23	2.49	5.26	1.14	1.28	3.94	1.58	2.19	3.66	---	---	---

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