

01434021 WEST BRANCH NEVERSINK RIVER AT WINNISOOK LAKE NEAR FROST VALLEY, NY

Upper Delaware Basin
Middle Delaware-Mongaup-Brodhead Subbasin

LOCATION.--Lat 42°00'40", long 74°24'52" referenced to North American Datum of 1983, Ulster County, NY, Hydrologic Unit 02040104, on right bank 0.1 mi southwest of Winnisook Lake, and 4.5 mi northeast of Frost Valley.

DRAINAGE AREA.--0.77 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--January 1991 to March 2013 (discontinued).

REVISED RECORDS.--WDR NY-94-1: 1992-93(P). WDR NY-01-1: 2000.

GAGE.--Water-stage recorder and crest-stage gage. Datum of gage is 2,675.51 ft above NGVD of 1929.

REMARKS.--Records fair except those below 1.0 ft³/s and those for estimated daily discharges, which are poor. Satellite gage-height telemeter at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 344 ft³/s, Aug. 28, 2011, gage height, 4.76 ft, from rating curve extended above 65 ft³/s on basis of runoff comparisons with nearby stations; minimum discharge, 0.05 ft³/s, Aug. 6, 7, 8, 1991, gage height, 0.93 ft.

EXTREMES FOR CURRENT YEAR.--(October to March).--Peak discharges greater than base discharge of 50 ft³/s and (or) maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Oct 19	1050	82	1.97
Jan 31	0545	87	2.01
Mar 12	1430	*127	*2.37

Minimum discharge, 0.36 ft³/s, on several days in March, gage height, 1.16 ft.

01434021 WEST BRANCH NEVERSINK RIVER AT WINNISOOK LAKE NEAR FROST VALLEY, NY—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013
DAILY MEAN VALUES
[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	2.8	5.3	0.57	1.1	5.6	0.56	---	---	---	---	---	---
2	2.7	3.8	0.61	1.0	3.4	0.50	---	---	---	---	---	---
3	2.8	3.0	0.62	0.99	e2.7	0.48	---	---	---	---	---	---
4	3.2	2.6	0.59	0.94	e2.0	0.47	---	---	---	---	---	---
5	3.4	2.2	0.61	0.88	1.7	0.46	---	---	---	---	---	---
6	2.9	1.9	0.59	0.87	1.5	0.46	---	---	---	---	---	---
7	2.6	1.7	0.59	0.82	1.3	0.44	---	---	---	---	---	---
8	2.4	1.6	0.73	0.77	1.3	0.43	---	---	---	---	---	---
9	2.1	1.4	0.72	0.76	1.2	0.43	---	---	---	---	---	---
10	2.2	1.3	1.2	0.72	1.1	0.45	---	---	---	---	---	---
11	2.3	1.3	2.1	0.71	e1.0	0.47	---	---	---	---	---	---
12	2.2	1.2	1.4	0.81	e1.0	39	---	---	---	---	---	---
13	2.1	1.8	1.2	1.5	1.0	9.3	---	---	---	---	---	---
14	2.2	1.4	1.1	7.8	0.94	3.2	---	---	---	---	---	---
15	2.5	1.3	0.99	3.4	0.90	2.2	---	---	---	---	---	---
16	2.5	1.2	0.96	2.3	0.87	1.6	---	---	---	---	---	---
17	2.3	1.1	1.1	1.9	0.75	1.4	---	---	---	---	---	---
18	2.1	1.0	7.3	e1.6	e0.74	e1.4	---	---	---	---	---	---
19	42	0.98	3.7	e1.5	e0.74	e1.3	---	---	---	---	---	---
20	13	0.94	2.4	1.4	0.74	1.1	---	---	---	---	---	---
21	5.2	0.88	14	1.3	0.65	1.00	---	---	---	---	---	---
22	3.4	0.84	6.3	e1.2	0.62	0.94	---	---	---	---	---	---
23	3.0	0.83	3.2	e1.0	0.64	0.89	---	---	---	---	---	---
24	2.8	0.78	2.5	e0.96	0.63	0.87	---	---	---	---	---	---
25	2.5	0.72	2.1	e0.87	0.57	0.85	---	---	---	---	---	---
26	2.2	0.67	e2.0	e0.81	0.57	0.79	---	---	---	---	---	---
27	2.0	0.65	e1.8	e0.78	0.79	0.82	---	---	---	---	---	---
28	1.8	0.61	e1.6	e0.75	0.63	0.87	---	---	---	---	---	---
29	2.4	0.57	1.4	e0.78	---	0.84	---	---	---	---	---	---
30	22	0.57	1.3	e1.0	---	0.83	---	---	---	---	---	---
31	11	---	1.2	37	---	0.88	---	---	---	---	---	---
Total	158.6	44.14	66.48	78.22	35.58	75.23	---	---	---	---	---	---
Mean	5.12	1.47	2.14	2.52	1.27	2.43	---	---	---	---	---	---
Max	42	5.3	14	37	5.6	39	---	---	---	---	---	---
Min	1.8	0.57	0.57	0.71	0.57	0.43	---	---	---	---	---	---
Cfsm	6.64	1.91	2.79	3.28	1.65	3.15	---	---	---	---	---	---
In.	7.66	2.13	3.21	3.78	1.72	3.63	---	---	---	---	---	---

01434021 WEST BRANCH NEVERSINK RIVER AT WINNISOOK LAKE NEAR FROST VALLEY, NY—Continued

