

**01435000 NEVERSINK RIVER NEAR CLARYVILLE, NY**

Upper Delaware Basin  
Middle Delaware-Mongaup-Brodhead Subbasin

LOCATION.--Lat 41°53'24", long 74°35'24" referenced to North American Datum of 1983, Sullivan County, NY, Hydrologic Unit 02040104, on left bank 50 ft downstream from covered bridge, 300 ft upstream from small tributary, 2.2 mi downstream from confluence of East and West Branches, and 2.2 mi southwest of Claryville.

DRAINAGE AREA.--66.6 mi<sup>2</sup>.

**SURFACE-WATER RECORDS**

PERIOD OF RECORD.--November 1937 to May 1949, July 1951 to current year. Prior to July 1951, published as "at Halls Mills near Curry" (01435500).

REVISED RECORDS.--WDR NY-75-1: Gage datum. WDR NY-82-1: Drainage area.

GAGE.--Water-stage recorder and crest-stage gage. Datum of gage is 1,522.37 ft above NGVD of 1929. Prior to Oct. 1, 1974, at datum 6.00 ft higher. Oct. 1, 1974 to Sept. 30, 1979 at datum 5.00 ft higher. November 1937 to May 1949, at site 1.3 mi downstream at elevation 1,470 ft above NGVD of 1929, from topographic map.

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

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 20,900 ft<sup>3</sup>/s, Aug. 28, 2011, gage height, 14.64 ft; minimum discharge, 6.8 ft<sup>3</sup>/s, Sept. 24, 25, 1964.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of Nov. 25, 1950, reached a stage of about 15.0 ft, present datum, from floodmarks, discharge, 23,400 ft<sup>3</sup>/s, from slope-area measurement of peak flow.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 3,000 ft<sup>3</sup>/s and (or) maximum (\*):

Date	Time	Discharge (ft <sup>3</sup> /s)	Gage height (ft)
May 15	1430	3,050	9.22
Sep 18	1815	*17,800	a*14.09

a Recorded; outside gage height was 14.69 ft, from crest-stage gage.

Minimum discharge, 27 ft<sup>3</sup>/s, Sept. 2, 3, gage height, 5.09 ft.

## 01435000 NEVERSINK RIVER NEAR CLARYVILLE, NY—Continued

**DISCHARGE, CUBIC FEET PER SECOND**  
**WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012**  
**DAILY MEAN VALUES**  
[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	466	144	350	240	282	88	149	156	227	e70	41	29
2	446	146	281	243	277	82	162	144	372	e67	38	28
3	385	145	241	205	233	102	146	155	275	e63	35	27
4	321	143	220	187	214	105	132	189	263	e60	32	30
5	276	135	204	e160	199	83	124	160	237	e62	36	188
6	239	129	271	176	185	e80	117	142	216	e57	45	84
7	215	126	569	160	178	e84	110	135	199	e53	35	56
8	197	122	918	149	165	137	106	414	180	e50	31	85
9	181	117	455	138	155	289	104	574	169	e48	29	122
10	166	115	385	132	146	171	98	390	159	e46	34	70
11	155	117	319	125	143	147	96	295	146	44	151	56
12	145	109	277	159	129	172	92	242	197	43	85	50
13	165	104	249	194	130	296	89	212	356	41	47	47
14	317	105	229	e130	124	395	86	226	200	40	40	44
15	330	113	231	e110	121	331	86	1,530	168	62	82	44
16	231	117	278	e110	117	315	84	903	152	62	59	42
17	220	141	220	e120	115	317	81	493	143	45	46	41
18	197	112	195	e120	107	285	80	383	134	40	44	3,410
19	188	104	183	e110	103	310	80	308	128	37	38	1,480
20	267	101	178	e100	98	437	80	258	119	51	37	459
21	209	98	197	e100	98	317	81	255	108	48	45	282
22	184	101	293	e100	96	265	143	401	102	39	38	236
23	169	484	311	130	99	236	482	744	97	55	36	266
24	158	324	261	299	103	211	313	481	91	54	32	187
25	149	248	229	190	98	195	242	416	97	41	31	160
26	144	211	215	158	88	176	208	345	89	46	30	153
27	168	192	262	962	90	158	190	284	84	48	31	145
28	168	177	509	608	85	157	168	246	e80	63	e65	531
29	152	220	324	416	84	147	153	337	e77	82	47	446
30	148	624	281	331	---	136	141	375	e73	57	36	287
31	142	---	255	283	---	143	---	262	---	45	32	---
<b>Total</b>	6,898	5,124	9,390	6,645	4,062	6,367	4,223	11,455	4,938	1,619	1,408	9,085
<b>Mean</b>	223	171	303	214	140	205	141	370	165	52.2	45.4	303
<b>Max</b>	466	624	918	962	282	437	482	1,530	372	82	151	3,410
<b>Min</b>	142	98	178	100	84	80	80	135	73	37	29	27
<b>Cfsm</b>	3.34	2.56	4.55	3.22	2.10	3.08	2.11	5.55	2.47	0.78	0.68	4.55
<b>In.</b>	3.85	2.86	5.24	3.71	2.27	3.56	2.36	6.40	2.76	0.90	0.79	5.07

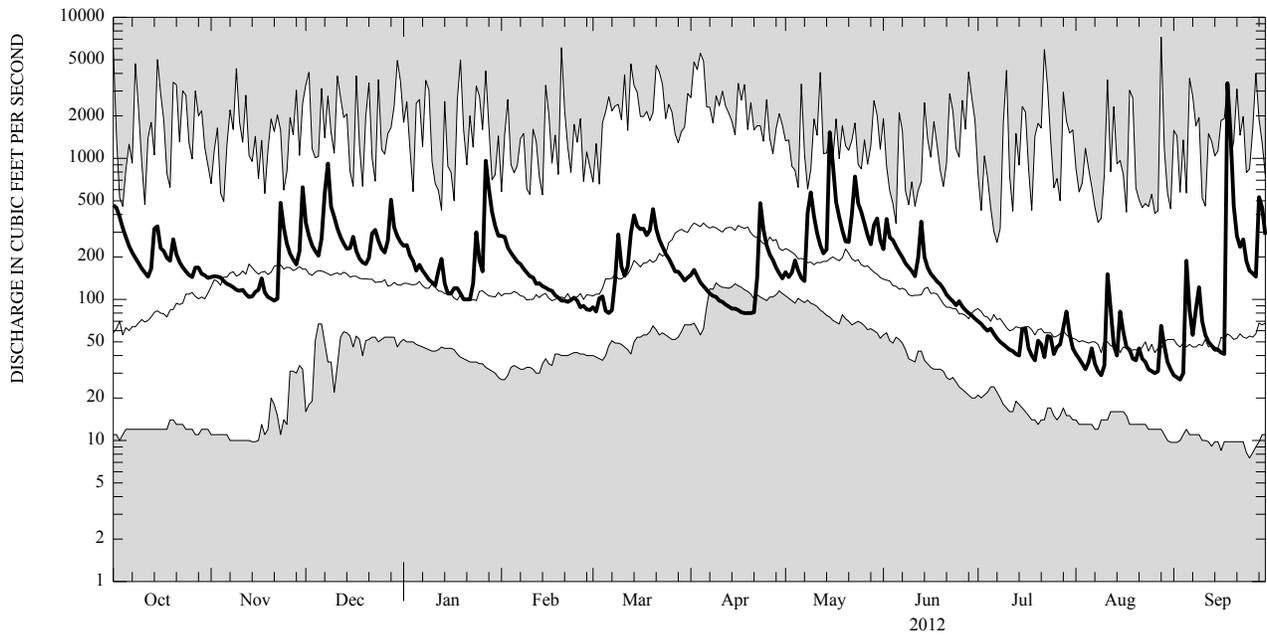
## STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1938 - 2012, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>Mean</b>	163	213	224	180	159	298	416	254	156	106	87.6	112
<b>Max</b>	615	409	568	530	747	681	899	608	497	567	465	525
<b>(WY)</b>	(2006)	(1973)	(1997)	(1996)	(1981)	(1977)	(1993)	(1989)	(2006)	(1938)	(2011)	(2011)
<b>Min</b>	12.4	18.4	71.9	41.8	48.4	81.5	140	95.5	37.3	19.3	16.8	10.6
<b>(WY)</b>	(1965)	(1965)	(1981)	(1961)	(1980)	(2006)	(1946)	(1941)	(1991)	(1991)	(1953)	(1964)

01435000 NEVERSINK RIVER NEAR CLARYVILLE, NY—Continued

SUMMARY STATISTICS

	Calendar Year 2011		Water Year 2012		Water Years 1938 - 2012	
<b>Annual total</b>	119,812		71,214			
<b>Annual mean</b>	328		195		196	
<b>Highest annual mean</b>					354	2011
<b>Lowest annual mean</b>					100	1965
<b>Highest daily mean</b>	7,220	Aug 28	3,410	Sep 18	7,220	Aug 28, 2011
<b>Lowest daily mean</b>	38	Aug 13	27	Sep 3	7.5	Sep 25, 1964
<b>Annual seven-day minimum</b>	48	Jul 30	33	Aug 29	8.9	Sep 21, 1964
<b>Annual runoff (cfsm)</b>	4.93		2.92		2.95	
<b>Annual runoff (inches)</b>	66.92		39.78		40.03	
<b>10 percent exceeds</b>	630		346		391	
<b>50 percent exceeds</b>	204		146		119	
<b>90 percent exceeds</b>	72		44		35	



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.

## 01435000 NEVERSINK RIVER NEAR CLARYVILLE, NY—Continued

## WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1965-66, 1969, 1971, 1973-75, 1985-87, 1998-2001, 2006, 2012.

CHEMICAL DATA: 1965 (a), 1966 (b), 1969, 1971 (a), 1973-75 (b), 1985 (a), 1986 (b), 1987 (c), 1999-2000 (a), 2001 (b), 2006 (d).

PESTICIDE: 1999-2000 (a), 2001 (b).

NUTRIENT DATA: 1985 (a), 1986 (b), 1987 (c), 1998 (e), 1999-2000 (a), 2001 (b), 2006 (d).

MINOR ELEMENTS: 2006 (d).

ORGANIC DATA: 2006 (d).

PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: January to September 2012.

INSTRUMENTATION.--Water-temperature satellite telemeter provides 15-minute-interval readings.

REMARKS.--Interruptions of record were due to malfunction of recording instrument.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: (January to September) Maximum not determined due to instrument malfunction; minimum, 0.1°C, Feb. 21, 26, 27, 29, Mar. 6.

TEMPERATURE, WATER, DEGREES CELSIUS  
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

Day	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
	October		November		December		January		February		March	
1	---	---	---	---	---	---	---	---	4.1	2.3	1.1	0.3
2	---	---	---	---	---	---	---	---	3.1	1.9	1.6	0.8
3	---	---	---	---	---	---	---	---	2.8	0.6	4.1	0.6
4	---	---	---	---	---	---	---	---	3.4	1.7	2.9	0.8
5	---	---	---	---	---	---	---	---	2.8	0.8	3.1	0.2
6	---	---	---	---	---	---	---	---	3.5	0.5	2.7	0.1
7	---	---	---	---	---	---	---	---	2.7	1.3	3.9	0.3
8	---	---	---	---	---	---	---	---	2.1	0.6	4.6	1.2
9	---	---	---	---	---	---	---	---	3.1	0.5	3.9	1.4
10	---	---	---	---	---	---	---	---	2.4	0.4	4.1	0.2
11	---	---	---	---	---	---	---	---	2.7	1.2	4.7	0.3
12	---	---	---	---	---	---	2.7	1.4	1.4	0.2	5.8	1.5
13	---	---	---	---	---	---	3.1	0.9	1.8	0.4	7.3	3.5
14	---	---	---	---	---	---	1.3	0.4	1.8	0.3	7.0	2.9
15	---	---	---	---	---	---	1.0	0.4	2.3	1.0	6.3	2.8
16	---	---	---	---	---	---	1.4	0.5	1.7	0.6	6.2	4.1
17	---	---	---	---	---	---	1.3	0.6	3.4	0.7	8.4	4.1
18	---	---	---	---	---	---	1.3	0.4	2.1	0.7	9.7	4.2
19	---	---	---	---	---	---	1.1	0.4	3.4	0.4	10.1	5.4
20	---	---	---	---	---	---	1.0	0.4	3.0	0.3	10.5	6.4
21	---	---	---	---	---	---	0.8	0.4	1.7	0.1	11.4	6.6
22	---	---	---	---	---	---	1.1	0.4	3.6	0.9	12.2	7.3
23	---	---	---	---	---	---	1.2	0.6	4.4	1.8	11.0	7.6
24	---	---	---	---	---	---	1.0	0.4	2.4	0.6	9.6	7.9
25	---	---	---	---	---	---	1.4	0.5	2.8	0.6	10.4	6.8
26	---	---	---	---	---	---	1.9	0.9	2.9	0.1	9.4	4.2
27	---	---	---	---	---	---	2.0	0.5	2.1	0.1	7.7	2.1
28	---	---	---	---	---	---	2.9	1.6	3.9	0.7	8.5	3.5
29	---	---	---	---	---	---	2.2	0.9	1.6	0.1	7.0	4.9
30	---	---	---	---	---	---	1.8	0.8	---	---	9.1	3.2
31	---	---	---	---	---	---	3.5	0.8	---	---	5.4	2.9
Month	---	---	---	---	---	---	---	---	4.4	0.1	12.2	0.1

01435000 NEVERSINK RIVER NEAR CLARYVILLE, NY—Continued

TEMPERATURE, WATER, DEGREES CELSIUS  
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

Day	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
	April		May		June		July		August		September	
1	5.5	4.1	11.5	7.4	13.4	10.8	22.2	15.3	---	---	19.5	14.6
2	8.7	3.6	9.1	8.3	13.9	11.4	21.9	14.8	---	---	19.2	14.4
3	9.2	3.0	14.8	8.0	13.2	10.0	21.5	14.5	---	---	16.0	14.5
4	10.0	4.6	14.3	10.5	11.8	10.4	23.3	16.1	---	---	15.7	14.8
5	9.9	4.2	13.6	10.1	11.9	9.6	21.8	16.5	---	---	18.1	14.7
6	9.5	3.4	13.8	9.0	13.4	9.5	23.4	15.0	---	---	17.3	13.8
7	9.9	3.5	12.6	9.7	15.0	9.8	19.8	16.4	---	---	18.7	14.4
8	10.3	3.8	10.5	9.4	15.8	10.2	22.1	15.6	21.6	14.3	17.8	14.5
9	9.9	5.1	11.6	9.1	13.4	11.4	22.2	14.9	19.6	15.1	15.5	13.1
10	8.1	4.2	10.7	8.3	16.6	11.4	---	---	18.1	15.6	15.5	12.0
11	6.9	4.6	12.7	7.2	15.2	12.7	---	---	19.3	16.0	15.3	11.0
12	9.3	4.4	14.6	7.3	13.4	12.5	---	---	19.2	14.9	16.6	11.1
13	11.4	3.9	14.0	9.6	17.2	12.1	---	---	18.9	14.5	17.0	12.0
14	11.7	4.7	12.1	10.7	17.6	11.5	---	---	16.7	14.5	17.0	12.4
15	10.4	7.8	10.8	10.1	18.2	11.6	---	---	17.0	14.7	16.1	12.6
16	15.6	7.8	13.7	9.8	17.8	12.0	---	---	18.9	14.2	16.0	11.4
17	14.9	9.1	13.2	8.9	18.2	12.5	---	---	17.5	14.0	16.2	11.3
18	11.1	7.1	13.6	8.0	15.1	13.2	---	---	19.3	14.1	15.6	12.6
19	14.6	6.0	14.9	8.8	17.1	13.0	---	---	18.5	13.0	14.3	12.3
20	15.2	7.8	16.0	10.1	20.5	13.4	---	---	17.1	13.2	13.6	11.2
21	13.9	10.1	12.1	10.7	21.9	15.0	---	---	18.8	13.3	13.5	12.5
22	10.4	7.6	13.3	11.0	20.4	15.6	---	---	18.6	12.9	13.4	12.2
23	8.1	6.8	13.2	11.1	20.6	14.7	---	---	19.3	13.3	13.5	11.6
24	8.5	5.7	12.4	11.0	19.4	13.7	---	---	19.1	13.2	13.1	10.5
25	9.0	5.0	13.0	11.2	19.4	14.2	---	---	19.1	13.9	13.2	9.7
26	6.6	4.7	14.5	11.5	17.6	13.0	---	---	20.2	14.8	12.3	11.2
27	6.8	4.7	16.3	11.4	19.3	12.5	---	---	18.2	14.5	14.7	11.6
28	10.0	3.6	17.4	12.3	21.1	12.9	---	---	19.0	15.0	12.4	11.7
29	11.3	4.7	18.1	12.9	22.9	14.7	---	---	18.8	13.6	13.2	12.0
30	11.3	4.7	15.9	13.0	21.6	15.0	---	---	18.4	12.9	13.0	11.3
31	---	---	15.9	11.7	---	---	---	---	19.5	13.3	---	---
Month	15.6	3.0	18.1	7.2	22.9	9.5	---	---	---	---	19.5	9.7