

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA.

Web address: <http://water.usgs.gov/osw/odrm>

Summary river data for January 27 - February 2, 2014 (preliminary data-subject to revision)

RESERVOIR OPERATION DATA

Millions of gallons - 24 hour period, local time

Date	Discharge to river			Diversions to New York City water supply			
	Pepacton	Cannonsville	Neversink	Pepacton	Cannonsville	Neversink	Average June 1, 2013 to date
	release begin 1200	release end 2400	release begin 1500	beginning 0800	beginning 0800	beginning 0800	
Jan. 27	453	963	74	400	0	243	597
28	452	968	48	400	0	223	597
29	450	973	48	400	0	165	597
30	329	969	48	400	189	210	597
31	323	942	48	342	236	206	598
Feb. 1	323	580	48	259	236	0	598
2	324	513	48	260	236	20	597

Pepacton Reservoir (P):	Available storage Feb. 3, 2014 (0800) Spillway crest elevation 1,280.00 ft.	126.534 billion gals. 90.3 % (elev. 1,272.39 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Feb. 3, 2014 (0800) Spillway crest elevation 1,150.00 ft.	86.698 billion gals. 90.6 % (elev. 1,144.03 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Feb. 3, 2014 (0800) Spillway crest elevation 1,440.00 ft.	30.799 billion gals. 88.1 % (elev. 1,431.32 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Feb. 3, 2014 (0800) Combined capacity at spillway level.	244.031 billion gals. 90.1 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Feb. 2, 2014 (2400) Spillway crest elevation 1,190.00 ft.	20.690 billion gals. 58.4 % (elev. 1,182.0 ft.) 35.451 billion gallons.

SEGREGATION OF FLOW, DELAWARE RIVER AT MONTAGUE AND
PRECIPITATION IN UPPER DELAWARE RIVER BASIN

Discharge in cubic feet per second, local time as routed to Montague

Date	Releases from N.Y.C. Reservoirs				Power releases		Computed uncon- trolled ²	Total Discharge	Precipitation (inches)	
	Directed release ¹	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			Daily	Cumul.
	Jan. 27	0	699	1497	190	294	851	2,719	6,250	0
28	0	698	1496	175	484	851	2,166	5,870	0	2.75
29	0	699	1490	114	759	851	1,747	5,660	0	2.75
30	0	701	1497	74	587	656	1,885	5,400	0	2.75
31	0	699	1505	74	41	213	2,338	4,870	0	2.75
Feb. 1	0	696	1499	74	44	0	2,537	4,850	0	0
2	0	509	1457	74	0	0	2,320	4,360	0	0

1. Release directed to maintain a flow at Montague of 1,750 cfs.

2. Includes conservation release of 100 cfs from Rio Reservoir.

Diversion by New Jersey through the D&R Canal January 27 - February 2, 2014 averaged 94.7 mgd. The average diversion for the 30-day period ending February 2, 2014 was 91.7 mgd and the maximum daily mean diversion for the 30-day period ending February 2, 2014 was 101 mgd on January 23, 2014.

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Summary river data for February 3-9, 2014 (preliminary data-subject to revision)

RESERVOIR OPERATION DATA

Millions of gallons - 24 hour period, local time

Date	Discharge to river			Diversions to New York City water supply			
	Pepacton	Cannonsville	Neversink	Pepacton	Cannonsville	Neversink	Average June 1, 2013 to date
	release begin 1200	release end 2400	release begin 1500	beginning 0800	beginning 0800	beginning 0800	
Feb. 3	302	490	48	400	236	190	598
4	133	400	48	400	236	170	599
5	120	203	48	158	295	0	599
6	97	166	48	450	301	2	599
7	97	146	48	401	5	354	600
8	97	148	48	401	0	0	599
9	97	148	48	401	0	2	598

Pepacton Reservoir (P):	Available storage Feb. 10, 2014 (0800) Spillway crest elevation 1,280.00 ft.	124.447 billion gals. 88.8 % (elev. 1,271.19 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Feb. 10, 2014 (0800) Spillway crest elevation 1,150.00 ft.	85.629 billion gals. 89.5 % (elev. 1,143.29 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Feb. 10, 2014 (0800) Spillway crest elevation 1,440.00 ft.	30.259 billion gals. 86.6 % (elev. 1,430.14 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Feb. 10, 2014 (0800) Combined capacity at spillway level.	240.335 billion gals. 88.7 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Feb. 9, 2014 (2400) Spillway crest elevation 1,190.00 ft.	20.511 billion gals. 57.9 % (elev. 1,181.9 ft.) 35.451 billion gallons.

SEGREGATION OF FLOW, DELAWARE RIVER AT MONTAGUE AND
PRECIPITATION IN UPPER DELAWARE RIVER BASIN

Discharge in cubic feet per second, local time as routed to Montague

Date	Releases from N.Y.C. Reservoirs				Power releases		Computed uncon- trolled ²	Total Discharge	Precipitation (inches)	
	Directed release ¹	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			Daily	Cumul.
	Feb. 3	0	500	897	74	7	0	2,332	3,810	.03
4	0	500	794	74	0	0	2,172	3,540	.19	.22
5	0	501	758	74	63	0	1,924	3,320	.75	.97
6	0	467	619	74	328	0	1,862	3,350	.18	1.15
7	0	206	314	74	251	195	2,130	3,170	0	1.15
8	0	186	257	74	453	177	2,073	3,220	0	1.15
9	0	150	226	74	288	0	1,962	2,700	0	1.15

1. Release directed to maintain a flow at Montague of 1,750 cfs.

2. Includes conservation release of 100 cfs from Rio Reservoir.

Diversion by New Jersey through the D&R Canal February 3-9, 2014 are currently unavailable.

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Summary river data for February 10-16, 2014 (preliminary data-subject to revision)

RESERVOIR OPERATION DATA

Millions of gallons - 24 hour period, local time

Date	Discharge to river			Diversions to New York City water supply			
	Pepacton	Cannonsville	Neversink	Pepacton	Cannonsville	Neversink	Average June 1, 2013 to date
	release begin 1200	release end 2400	release begin 1500	beginning 0800	beginning 0800	beginning 0800	
Feb. 10	98	146	48	401	0	352	599
11	97	147	48	401	0	353	600
12	96	146	48	401	0	443	600
13	96	145	48	401	0	376	601
14	96	156	48	401	0	0	600
15	96	265	48	306	0	129	600
16	97	418	48	300	0	190	599

Pepacton Reservoir (P):	Available storage Feb. 17, 2014 (0800) Spillway crest elevation 1,280.00 ft.	122.464 billion gals. 87.4 % (elev. 1,270.04 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Feb. 17, 2014 (0800) Spillway crest elevation 1,150.00 ft.	85.369 billion gals. 89.2 % (elev. 1,143.11 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Feb. 17, 2014 (0800) Spillway crest elevation 1,440.00 ft.	28.592 billion gals. 81.8 % (elev. 1,426.42 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Feb. 17, 2014 (0800) Combined capacity at spillway level.	236.425 billion gals. 87.3 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Feb. 16, 2014 (2400) Spillway crest elevation 1,190.00 ft.	18.370 billion gals. 51.8 % (elev. 1,180.7 ft.) 35.451 billion gallons.

SEGREGATION OF FLOW, DELAWARE RIVER AT MONTAGUE AND
PRECIPITATION IN UPPER DELAWARE RIVER BASIN

Discharge in cubic feet per second, local time as routed to Montague

Date	Releases from N.Y.C. Reservoirs				Power releases		Computed uncon- trolled ²	Total Discharge	Precipitation	
	Directed release ¹	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			(inches)	
							Daily	Cumul.		
Feb. 10	0	150	229	74	328	142	1,887	2,810	.11	1.26
11	0	150	229	74	524	337	1,456	2,770	0	1.26
12	0	150	226	74	837	532	781	2,600	0	1.26
13	0	152	227	74	740	514	633	2,340	.05	1.31
14	0	150	226	74	757	266	727	2,200	1.31	2.62
15	0	149	224	74	651	71	1,851	3,020	.02	2.64
16	0	149	241	74	742	71	2,073	3,350	.15	2.79

1. Release directed to maintain a flow at Montague of 1,750 cfs.

2. Includes conservation release of 100 cfs from Rio Reservoir.

Diversion by New Jersey through the D&R Canal February 10-16, 2014 averaged 104.5 mgd. The average diversion for the 30-day period ending February 16, 2014 is currently unavailable. The maximum daily mean diversion for the 30-day period ending February 16, 2014 is currently unavailable.

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Summary river data for February 17-23, 2014 (preliminary data-subject to revision)

RESERVOIR OPERATION DATA

Millions of gallons - 24 hour period, local time

Date	Discharge to river			Diversions to New York City water supply			
	Pepacton	Cannonsville	Neversink	Pepacton	Cannonsville	Neversink	Average June 1, 2013 to date
	release begin 1200	release end 2400	release begin 1500	beginning 0800	beginning 0800	beginning 0800	
Feb. 17	97	491	48	301	0	152	599
18	97	494	48	300	191	0	598
19	97	492	48	300	64	0	597
20	97	497	48	300	0	0	596
21	97	502	48	278	0	0	595
22	97	503	48	208	0	0	594
23	97	502	48	209	0	2	592

Pepacton Reservoir (P):	Available storage Feb. 24, 2014 (0800) Spillway crest elevation 1,280.00 ft.	121.557 billion gals. 86.7 % (elev. 1,269.51 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Feb. 24, 2014 (0800) Spillway crest elevation 1,150.00 ft.	83.677 billion gals. 87.4 % (elev. 1,141.94 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Feb. 24, 2014 (0800) Spillway crest elevation 1,440.00 ft.	28.623 billion gals. 81.9 % (elev. 1,426.49 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Feb. 24, 2014 (0800) Combined capacity at spillway level.	233.857 billion gals. 86.3 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Feb. 23, 2014 (2400) Spillway crest elevation 1,190.00 ft.	16.082 billion gals. 45.4 % (elev. 1,179.4 ft.) 35.451 billion gallons.

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PRECIPITATION IN UPPER DELAWARE RIVER BASIN

Discharge in cubic feet per second, local time as routed to Montague

Date	Releases from N.Y.C. Reservoirs				Power releases		Computed uncon- trolled ²	Total Discharge	Precipitation (inches)	
	Directed release ¹	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			Daily	Cumul.
	Feb. 17	0	149	410	74	547	142	1,948	3,270	0
18	0	149	647	74	516	301	2,013	3,700	.01	2.80
19	0	150	760	74	885	89	2,242	4,200	.07	2.87
20	0	150	764	74	1,070	0	2,042	4,100	.23	3.10
21	0	150	761	74	1,091	0	2,124	4,200	.07	3.17
22	0	150	769	74	459	35	2,513	4,000	.58	3.75
23	0	150	777	74	412	0	3,137	4,550	0	3.75

1. Release directed to maintain a flow at Montague of 1,750 cfs.

2. Includes conservation release of 100 cfs from Rio Reservoir.

Diversion by New Jersey through the D&R Canal February 17-23, 2014 averaged 101.5 mgd. The average diversion for the 30-day period ending February 23, 2014 is currently unavailable. The maximum daily mean diversion for the 30-day period ending February 23, 2014 is currently unavailable.