

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA.

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

Summary river data for December 30, 2013 - January 5, 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	
Dec. 30	98	145	81	5	354	22	611
31	97	146	81	301	184	129	611
Jan. 1	97	145	81	303	181	19	611
2	97	145	81	303	293	167	612
3	98	145	81	273	224	149	612
4	98	145	81	206	302	0	611
5	97	145	81	206	302	0	611

Pepacton Reservoir (P):	Available storage Jan. 6, 2014 (0800) Spillway crest elevation 1,280.00 ft.	118.293 billion gals. 84.4 % (elev. 1,267.59 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Jan. 6, 2014 (0800) Spillway crest elevation 1,150.00 ft.	85.109 billion gals. 88.9 % (elev. 1,142.93 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Jan. 6, 2014 (0800) Spillway crest elevation 1,440.00 ft.	32.866 billion gals. 94.1 % (elev. 1,435.73 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Jan. 6, 2014 (0800) Combined capacity at spillway level.	236.268 billion gals. 87.2 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Jan. 5, 2014 (2400) Spillway crest elevation 1,190.00 ft.	21.765 billion gals. 61.4 % (elev. 1,182.6 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.
	Dec. 30	0	150	227	74	0	142	9,387	9,980	.88
31	0	150	227	87	4	426	9,406	10,300	0	3.69
Jan. 1	0	150	224	125	0	426	6,635	7,560	.01	.01
2	0	152	227	125	102	230	6,034	6,870	.03	.04
3	0	150	224	125	383	550	4,958	6,390	.35	.39
4	0	150	224	125	1148	816	4,137	6,600	.01	.40
5	0	150	224	125	648	532	3,451	5,130	.63	1.03

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 December 30, 2013-January 5, 2014 averaged 85.0 mgd. The average diversion for the 30-day period ending January 5, 2014 is currently unavailable and the maximum daily mean diversion for the 30-day period ending January 5, 2014 is currently unavailable.

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Summary river data for January 6-12, 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. 6	97	145	81	205	302	0	610
7	97	249	81	205	303	328	611
8	98	448	81	205	12	351	611
9	97	450	81	0	0	397	610
10	97	450	84	0	0	131	608
11	98	524	123	0	0	0	605
12	97	909	123	0	0	0	603

Pepacton Reservoir (P):	Available storage Jan. 13, 2014 (0800) Spillway crest elevation 1,280.00 ft.	128.146 billion gals. 91.4 % (elev. 1,273.31 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Jan. 13, 2014 (0800) Spillway crest elevation 1,150.00 ft.	92.618 billion gals. 96.8 % (elev. 1,147.97 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Jan. 13, 2014 (0800) Spillway crest elevation 1,440.00 ft.	34.931 billion gals. 100.0 % (elev. 1,439.98 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Jan. 13, 2014 (0800) Combined capacity at spillway level.	255.695 billion gals. 94.4 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Jan. 12, 2014 (2400) Spillway crest elevation 1,190.00 ft.	22.847 billion gals. 64.4 % (elev. 1,183.2 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. 6	0	152	224	125	112	319	4,618	5,500	.63
7	0	152	224	125	1109	709	14,581	16,900	.04	1.07
8	0	150	224	125	1286	851	9,164	11,800	0	1.07
9	0	150	385	125	902	798	7,640	10,000	0	1.07
10	0	150	693	125	109	337	6,356	7,770	.09	1.16
11	0	152	696	125	412	0	6,335	7,720	.26	1.42
12	0	150	696	130	0	0	16,924	17,900	.77	2.19

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

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

Diversions by New Jersey through the D&R Canal January 6-12, 2014 averaged 89.7 mgd. The average diversion for the 30-day period ending January 12, 2014 was 83.4 mgd and the maximum daily mean diversion for the 30-day period ending January 12, 2014 was 95 mg on January 8, 2014.

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Summary river data for January 13-19, 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. 13	241	968	123	0	0	263	601
14	323	959	123	0	0	297	600
15	323	972	123	0	0	298	599
16	328	973	123	0	0	414	598
17	449	974	123	0	0	447	597
18	452	971	123	0	0	447	596
19	451	968	123	0	0	447	596

Pepacton Reservoir (P):	Available storage Jan. 20, 2014 (0800) Spillway crest elevation 1,280.00 ft.	132.505 billion gals. 94.5 % (elev. 1,275.77 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Jan. 20, 2014 (0800) Spillway crest elevation 1,150.00 ft.	94.763 billion gals. 99.0 % (elev. 1,149.38 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Jan. 20, 2014 (0800) Spillway crest elevation 1,440.00 ft.	33.620 billion gals. 96.2 % (elev. 1,437.30 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Jan. 20, 2014 (0800) Combined capacity at spillway level.	260.888 billion gals. 96.3 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Jan. 19, 2014 (2400) Spillway crest elevation 1,190.00 ft.	22.482 billion gals. 63.4 % (elev. 1,183.0 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. 13	0	150	811	190	99	0	15,750	17,000	0
14	0	152	1406	190	457	301	10,794	13,300	.05	2.24
15	0	150	1497	190	502	390	12,271	15,000	.29	2.53
16	0	373	1484	190	663	372	9,818	12,900	.03	2.56
17	0	500	1504	190	585	230	7,891	10,900	0	2.56
18	0	500	1505	190	683	89	6,793	9,760	.03	2.59
19	0	507	1507	190	703	0	6,103	9,010	.07	2.66

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

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

Diversions by New Jersey through the D&R Canal January 13-19, 2014 averaged 90.4 mgd. The average diversion for the 30-day period ending January 19, 2014 was 86.1 mgd and the maximum daily mean diversion for the 30-day period ending January 19, 2014 was 95 mg on January 8, 2014.

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Summary river data for January 20-26, 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. 20	451	967	115	156	0	447	596
21	451	969	123	156	0	447	596
22	452	968	123	289	0	447	597
23	452	967	123	343	0	460	597
24	452	969	123	400	0	265	598
25	451	968	123	401	0	0	597
26	452	967	113	401	0	103	596

Pepacton Reservoir (P):	Available storage Jan. 27, 2014 (0800) Spillway crest elevation 1,280.00 ft.	129.855 billion gals. 92.6 % (elev. 1,274.28 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Jan. 27, 2014 (0800) Spillway crest elevation 1,150.00 ft.	91.264 billion gals. 95.4 % (elev. 1,147.08 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Jan. 27, 2014 (0800) Spillway crest elevation 1,440.00 ft.	31.546 billion gals. 90.3 % (elev. 1,432.93 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Jan. 27, 2014 (0800) Combined capacity at spillway level.	252.665 billion gals. 93.3 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Jan. 26, 2014 (2400) Spillway crest elevation 1,190.00 ft.	21.228 billion gals. 59.9 % (elev. 1,182.3 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. 20	0	695	1502	190	676	337	5,240	8,640	0
21	0	699	1497	190	547	851	4,616	8,400	0	2.66
22	0	698	1496	178	676	851	3,601	7,500	.02	2.68
23	0	698	1499	190	543	851	3,039	6,820	0	2.68
24	0	698	1497	190	697	851	3,407	7,340	0	2.68
25	0	699	1496	190	432	851	3,292	6,960	0	2.68
26	0	699	1499	190	335	851	3,226	6,800	.07	2.75

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

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

Diversions by New Jersey through the D&R Canal January 20-26, 2014 averaged 95.4 mgd. The average diversion for the 30-day period ending January 26, 2014 was 89.0 mgd and the maximum daily mean diversion for the 30-day period ending January 26, 2014 was 101 mg on January 23, 2014.