

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA.

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

Summary river data for December 31, 2012 - January 6, 2013 (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, 2012 to date
	release begin 1200	release end 2400	release begin 1500	beginning 0800	beginning 0800	beginning 0800	
Dec. 31	97	146	122	309	303	158	616
Jan. 1	97	145	122	305	304	159	617
2	97	145	122	299	301	159	617
3	97	144	122	299	304	159	618
4	97	145	123	299	304	158	619
5	97	146	123	299	304	159	619
6	97	144	123	299	304	158	620

Pepacton Reservoir (P):	Available storage Jan. 7, 2013 (0800) Spillway crest elevation 1,280.00 ft.	109.608 billion gals. 78.2 % (elev. 1,262.34 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Jan. 7, 2013 (0800) Spillway crest elevation 1,150.00 ft.	78.470 billion gals. 82.0 % (elev. 1,138.26 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Jan. 7, 2013 (0800) Spillway crest elevation 1,440.00 ft.	33.321 billion gals. 95.4 % (elev. 1,436.68 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Jan. 7, 2013 (0800) Combined capacity at spillway level.	221.399 billion gals. 81.7 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Jan. 6, 2013 (2400) Spillway crest elevation 1,190.00 ft.	23.212 billion gals. 65.5 % (elev. 1,183.4 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.		
Dec. 31	0	150	226	190	483	426	4,425	5,900	0	5.04
Jan. 1	0	150	226	190	350	426	4,238	5,580	0	0
2	0	150	226	189	90	248	3,448	4,760	0	0
3	0	150	224	189	361	266	3,630	4,820	0	0
4	0	150	224	189	408	177	3,362	4,510	0	0
5	0	150	223	189	432	266	3,310	4,570	0	0
6	0	150	224	190	444	230	3,282	4,520	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.

Diversions by New Jersey through the D&R Canal December 31, 2012 - January 6, 2013 averaged 71.8 mgd. The average diversion for the 30-day period ending January 6, 2013 was 69.0 mgd and the maximum diversion was 76 mg on December 8, 2012.

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Summary river data for January 7 - 13, 2013 (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, 2012 to date
	release begin 1200	release end 2400	release begin 1500	beginning 0800	beginning 0800	beginning 0800	
Jan. 7	97	145	122	299	304	158	621
8	97	145	123	277	304	146	621
9	97	146	123	297	301	148	622
10	97	146	123	297	304	152	622
11	97	146	123	297	304	154	623
12	97	146	123	298	304	154	623
13	96	146	123	298	304	153	624

Pepacton Reservoir (P):	Available storage Jan. 14, 2013 (0800)	109.332	billion gals.	78.0 %	(elev. 1,262.17 ft.)
	Spillway crest elevation 1,280.00 ft.	140.190	billion gallons.		
Cannonsville Reservoir (C):	Available storage Jan. 14, 2013 (0800)	78.222	billion gals.	81.7 %	(elev. 1,138.08 ft.)
	Spillway crest elevation 1,150.00 ft.	95.706	billion gallons.		
Neversink Reservoir (N):	Available storage Jan. 14, 2013 (0800)	32.241	billion gals.	92.3 %	(elev. 1,434.41 ft.)
	Spillway crest elevation 1,440.00 ft.	34.941	billion gallons.		
Combined contents, PCN:	Available storage Jan. 14, 2013 (0800)	219.795	billion gals.	81.2 %	
	Combined capacity at spillway level.	270.837	billion gallons.		
Lake Wallenpaupack:	Available storage Jan. 13, 2013 (2400)	22.303	billion gals.	62.9 %	(elev. 1,182.9 ft.)
	Spillway crest elevation 1,190.00 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. 7	0	150	226	190	674	532	3,048	4,820	.01
8	0	150	223	190	759	550	2,758	4,630	0	.01
9	0	150	224	189	728	532	2,707	4,530	0	.01
10	0	150	224	190	745	355	2,506	4,170	0	.01
11	0	150	226	190	732	496	2,616	4,410	0	.01
12	0	150	226	190	524	496	2,814	4,400	.22	.23
13	0	150	226	190	0	514	3,640	4,720	.04	.27

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 7 - 13, 2013 averaged 75.9 mgd. The average diversion for the 30-day period ending January 13, 2013 was 65.0 mgd and the maximum diversion was 81 mg on January 10, 2013.

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Summary river data for January 14 - 20, 2013 (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, 2012 to date
	release begin 1200	release end 2400	release begin 1500	beginning 0800	beginning 0800	beginning 0800	
Jan. 14	97	147	123	299	304	153	625
15	97	145	123	88	305	153	624
16	97	147	123	0	305	153	624
17	97	146	123	0	305	153	623
18	97	145	123	0	300	51	622
19	97	145	124	0	303	0	620
20	97	145	123	0	304	0	619

Pepacton Reservoir (P):	Available storage Jan. 21, 2013 (0800) Spillway crest elevation 1,280.00 ft.	113.617 billion gals. 81.0 % (elev. 1,264.79 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Jan. 21, 2013 (0800) Spillway crest elevation 1,150.00 ft.	81.481 billion gals. 85.1 % (elev. 1,140.42 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Jan. 21, 2013 (0800) Spillway crest elevation 1,440.00 ft.	32.009 billion gals. 91.6 % (elev. 1,433.92 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Jan. 21, 2013 (0800) Combined capacity at spillway level.	227.107 billion gals. 83.9 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Jan. 20, 2013 (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.
	Jan. 14	0	150	226	190	10	514	5,620	6,710	.11
15	0	150	226	190	349	514	8,381	9,810	0	.38
16	0	149	227	190	625	372	7,967	9,530	.31	.69
17	0	150	224	190	566	408	6,852	8,390	.05	.74
18	0	150	227	190	791	408	6,024	7,790	0	.74
19	0	150	226	190	1,048	461	4,995	7,070	0	.74
20	0	150	224	190	928	443	4,755	6,690	0	.74

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 14 - 20, 2013 averaged 73.9 mgd. The average diversion for the 30-day period ending January 20, 2013 was 73.7 mgd and the maximum diversion was 81 mg on January 10, 2013.

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Summary river data for January 21 - 27, 2013 (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, 2012 to date
	release begin 1200	release end 2400	release begin 1500	beginning 0800	beginning 0800	beginning 0800	
Jan. 21	97	145	123	0	304	0	618
22	97	145	123	0	304	0	616
23	97	146	123	0	304	0	615
24	97	145	123	0	304	0	614
25	97	145	123	0	303	0	612
26	97	145	123	0	300	0	611
27	97	145	123	0	303	0	610

Pepacton Reservoir (P):	Available storage Jan. 28, 2013 (0800) Spillway crest elevation 1,280.00 ft.	115.177 billion gals. 82.2 % (elev. 1,265.73 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Jan. 28, 2013 (0800) Spillway crest elevation 1,150.00 ft.	80.778 billion gals. 84.4 % (elev. 1,139.93 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Jan. 28, 2013 (0800) Spillway crest elevation 1,440.00 ft.	31.686 billion gals. 90.7 % (elev. 1,433.23 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Jan. 28, 2013 (0800) Combined capacity at spillway level.	227.641 billion gals. 84.1 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Jan. 27, 2013 (2400) Spillway crest elevation 1,190.00 ft.	19.973 billion gals. 56.3 % (elev. 1,181.6 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	
	Directed release ¹	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			(inches)	
							Daily	Cumul.		
Jan. 21	0	150	224	192	711	443	4,440	6,160	0	.74
22	0	150	224	190	572	550	3,954	5,640	.03	.77
23	0	150	224	190	693	691	3,402	5,350	0	.77
24	0	150	224	190	688	443	2,815	4,510	0	.77
25	0	150	226	190	675	461	2,608	4,310	0	.77
26	0	150	224	190	728	230	3,028	4,550	.01	.78
27	0	150	224	190	701	461	3,284	5,010	0	.78

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 21 - 27, 2013 averaged 71.3 mgd. The average diversion for the 30-day period ending January 27, 2013 was 68.2 mgd and the maximum diversion was 81 mg on January 10, 2013.