

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA.

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

Summary river data for January 2 - 8, 2012 (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		Average June 1, 2011 to date	
	release begin 1200	release end 2400	release begin 1500	spill begin 0800	beginning 0800	beginning 0800		beginning 0800
Jan. 2	453	967	123	132	301	304	0	513
3	454	967	122	80	300	303	0	514
4	453	912	123	41	301	303	0	514
5	453	577	123	48	301	303	0	515
6	453	457	123	59	301	303	0	515
7	453	457	123	57	301	303	0	515
8	453	442	123	34	301	303	0	516

Pepacton Reservoir (P):	Available storage Jan. 9, 2012 (0800) Spillway crest elevation 1,280.00 ft.	137.401 billion gals. 98.0 % (elev. 1,278.48 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Jan. 9, 2012 (0800) Spillway crest elevation 1,150.00 ft.	85.326 billion gals. 89.2 % (elev. 1,143.08 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Jan. 9, 2012 (0800) Spillway crest elevation 1,440.00 ft.	34.981 billion gals. 100.1 % (elev. 1,440.08 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Jan. 9, 2012 (0800) Combined capacity at spillway level.	257.708 billion gals. 95.2 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Jan. 8, 2012 (2400) Spillway crest elevation 1,190.00 ft.	23.030 billion gals. 65.0 % (elev. 1,183.3 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. 2	0		
3	0	702	1,499	189	492	514	5,774	9,170	.03	.10
4	0	701	1,496	190	469	390	4,774	8,020	0	.10
5	0	701	1,496	189	360	390	4,314	7,450	0	.10
6	0	702	1,411	190	352	443	4,122	7,220	0	.10
7	0	701	893	190	466	195	4,035	6,480	0	.10
8	0	701	707	190	0	213	4,039	5,850	0	.10

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 2 - 8, 2012 averaged 74.9 mgd. The average diversion for the 30-day period ending January 8, 2012 was 77.0 mgd and the maximum diversion during the period was 83 mgd on December 28, 2011.

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Summary river data for January 9 - 15, 2012 (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		Average June 1, 2011 to date	
	release begin 1200	release end 2400	release begin 1500	spill begin 0800	beginning 0800	beginning 0800		beginning 0800
Jan. 9	453	235	123	27	380	303	0	517
10	453	145	123	6	400	33	0	516
11	453	146	123	1	366	258	0	517
12	452	146	123	29	0	399	0	516
13	453	146	123	60	358	465	0	518
14	453	146	123	31	487	479	0	519
15	453	146	123	9	499	479	0	521

Pepacton Reservoir (P):	Available storage Jan. 16, 2012 (0800) Spillway crest elevation 1,280.00 ft.	134.516 billion gals. 96.0 % (elev. 1,276.89 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Jan. 16, 2012 (0800) Spillway crest elevation 1,150.00 ft.	85.600 billion gals. 89.4 % (elev. 1,143.27 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Jan. 16, 2012 (0800) Spillway crest elevation 1,440.00 ft.	34.912 billion gals. 99.9 % (elev. 1,439.94 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Jan. 16, 2012 (0800) Combined capacity at spillway level.	255.028 billion gals. 94.2 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Jan. 15, 2012 (2400) Spillway crest elevation 1,190.00 ft.	23.030 billion gals. 65.0 % (elev. 1,183.3 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. 9	0		
10	0	701	684	190	434	390	3,311	5,710	0	.10
11	0	701	364	190	403	390	3,262	5,310	0	.10
12	0	701	224	190	389	390	3,946	5,840	.67	.77
13	0	701	226	190	446	390	6,077	8,030	.42	1.19
14	0	701	226	190	477	266	6,340	8,200	.01	1.20
15	0	699	226	190	491	177	4,937	6,720	0	1.20

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 9 - 15, 2012 averaged 65.4 mgd. The average diversion for the 30-day period ending January 15, 2012 was 74.1 mgd and the maximum diversion during the period was 83 mgd on December 28, 2011.

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Summary river data for January 16 - 22, 2012 (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, 2011 to date
	release begin 1200	release end 2400	release begin 1500	beginning 0800	beginning 0800	beginning 0800	
Jan. 16	352	146	123	500	479	0	523
17	382	146	123	500	343	0	525
18	445	146	123	384	293	0	526
19	388	146	123	430	296	0	526
20	388	146	122	434	293	0	527
21	388	146	123	449	293	0	528
22	388	146	123	449	293	0	529

Pepacton Reservoir (P):	Available storage Jan. 23, 2012 (0800) Spillway crest elevation 1,280.00 ft.	131.220 billion gals. 93.6 % (elev. 1,275.05 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Jan. 23, 2012 (0800) Spillway crest elevation 1,150.00 ft.	85.990 billion gals. 89.8 % (elev. 1,143.54 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Jan. 23, 2012 (0800) Spillway crest elevation 1,440.00 ft.	34.808 billion gals. 99.6 % (elev. 1,439.73 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Jan. 23, 2012 (0800) Combined capacity at spillway level.	252.018 billion gals. 93.1 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Jan. 22, 2012 (2400) Spillway crest elevation 1,190.00 ft.	22.303 billion gals. 62.9 % (elev. 1,182.9 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.
	Jan. 16	0	701	226	190	492	337	3,904	5,850	0
17	0	701	226	190	499	461	3,683	5,760	.08	1.28
18	0	701	226	190	544	461	4,528	6,650	.15	1.43
19	0	545	226	190	538	426	3,995	5,920	0	1.43
20	0	591	226	190	506	390	3,687	5,590	.06	1.49
21	0	688	226	190	467	266	3,083	4,920	.22	1.71
22	0	600	226	189	326	106	3,333	4,780	.04	1.75

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 16 - 22, 2012 averaged 73.7 mgd. The average diversion for the 30-day period ending January 22, 2012 was 72.7 mgd and the maximum diversion during the period was 88 mgd on January 21, 2012.

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Summary river data for January 23 - 29, 2012 (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		Average June 1, 2011 to date	
	release begin 1200	release end 2400	release begin 1500	spill begin 0800	beginning 0800	beginning 0800		beginning 0800
Jan. 23	388	146	123	0	449	294	0	530
24	388	146	123	11	450	206	0	530
25	388	146	123	21	450	184	0	531
26	388	314	123	45	125	0	0	529
27	389	454	123	685	204	0	0	528
28	388	456	123	400	300	273	0	528
29	388	451	123	211	300	295	0	528

Pepacton Reservoir (P):	Available storage Jan. 30, 2012 (0800) Spillway crest elevation 1,280.00 ft.	132.308 billion gals. 94.4 % (elev. 1,275.66 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Jan. 30, 2012 (0800) Spillway crest elevation 1,150.00 ft.	89.332 billion gals. 93.3 % (elev. 1,145.81 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Jan. 30, 2012 (0800) Spillway crest elevation 1,440.00 ft.	35.105 billion gals. 100.5 % (elev. 1,440.33 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Jan. 30, 2012 (0800) Combined capacity at spillway level.	256.745 billion gals. 94.8 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Jan. 29, 2012 (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. 23	0	600	226	190	403	124	3,287	4,830	.01
24	0	600	226	190	782	248	4,114	6,160	.19	1.95
25	0	600	226	190	879	248	5,427	7,570	0	1.95
26	0	600	226	190	1,160	355	4,609	7,140	0	1.95
27	0	600	226	190	1,012	337	6,325	8,690	.86	2.81
28	0	600	486	190	1,210	301	14,013	16,800	.07	2.88
29	0	600	702	190	1,158	355	11,095	14,100	0	2.88

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 23 - 29, 2012 averaged 69.3 mgd. The average diversion for the 30-day period ending January 29, 2012 and the maximum diversion during the period are currently unavailable.