

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA.

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

Summary river data for January 30 - February 5, 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. 30	450	613	123	179	300	295	0	529
31	452	968	123	157	299	202	0	529
Feb. 1	453	968	123	149	300	295	0	529
2	454	969	123	156	427	200	0	529
3	454	968	123	120	450	237	0	530
4	454	967	123	105	450	289	0	531
5	453	968	123	87	450	305	0	532

Pepacton Reservoir (P):	Available storage Feb. 6, 2012 (0800) Spillway crest elevation 1,280.00 ft.	130.848 billion gals. 93.3 % (elev. 1,274.84 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Feb. 6, 2012 (0800) Spillway crest elevation 1,150.00 ft.	86.250 billion gals. 90.1 % (elev. 1,143.72 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Feb. 6, 2012 (0800) Spillway crest elevation 1,440.00 ft.	35.026 billion gals. 100.2 % (elev. 1,440.17 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Feb. 6, 2012 (0800) Combined capacity at spillway level.	252.124 billion gals. 93.1 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Feb. 5, 2012 (2400) Spillway crest elevation 1,190.00 ft.	21.586 billion gals. 60.9 % (elev. 1,182.5 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 <sup>2</sup>	Total Discharge	Precipitation (inches)	
	Directed release <sup>1</sup>	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			Daily	Cumul.
	Jan. 30	0	602	705	190	706	426	8,471	11,100	0
31	0	600	698	190	377	461	6,854	9,180	0	2.88
Feb. 1	0	600	948	190	0	337	6,725	8,800	0	0
2	0	696	1,497	190	0	284	5,903	8,570	.04	.04
3	0	699	1,497	190	382	230	5,472	8,470	0	.04
4	0	701	1,499	190	180	248	4,842	7,660	0	.04
5	0	702	1,497	190	0	337	4,394	7,120	0	.04

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 30 - February 5, 2012 averaged 74.3 mgd. The average diversion for the 30-day period ending February 5, 2012 was 69.9 mgd and the maximum diversion during the period was 88 mgd on January 21, 2012.

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Summary river data for February 6 - 12, 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
Feb. 6	453	786	123	68	450	305	0	532
7	454	453	123	34	450	305	0	533
8	454	323	123	26	450	309	0	534
9	454	147	123	8	483	305	156	536
10	452	145	123	0	500	223	81	537
11	453	146	123	0	500	202	0	538
12	453	146	123	0	500	202	0	538

Pepacton Reservoir (P):	Available storage Feb. 13, 2012 (0800) Spillway crest elevation 1,280.00 ft.	126.726 billion gals. 90.4 % (elev. 1,272.50 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Feb. 13, 2012 (0800) Spillway crest elevation 1,150.00 ft.	85.513 billion gals. 89.3 % (elev. 1,143.21 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Feb. 13, 2012 (0800) Spillway crest elevation 1,440.00 ft.	34.689 billion gals. 99.3 % (elev. 1,439.49 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Feb. 13, 2012 (0800) Combined capacity at spillway level.	246.928 billion gals. 91.2 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Feb. 12, 2012 (2400) Spillway crest elevation 1,190.00 ft.	21.586 billion gals. 60.9 % (elev. 1,182.5 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 <sup>2</sup>	Total Discharge	Precipitation (inches)	
	Directed release <sup>1</sup>	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			Daily	Cumul.
	Feb. 6	0	702	1,496	190	0	319	3,983	6,690	0
7	0	702	1,497	190	119	213	3,669	6,390	0	.04
8	0	701	1,216	190	171	195	3,117	5,590	0	.04
9	0	701	701	190	127	195	3,346	5,260	0	.04
10	0	702	500	190	301	53	3,044	4,790	0	.04
11	0	702	227	190	412	0	2,949	4,480	.01	.05
12	0	702	224	190	574	0	2,770	4,460	0	.05

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 February 6 - 12, 2012 averaged 77.1 mgd. The average diversion for the 30-day period ending February 12, 2012 was 73.5 mgd and the maximum diversion during the period was 88 mg on January 21, 2012.

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Summary river data for February 13 - 19, 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	
Feb. 13	444	146	123	500	202	0	539
14	323	146	122	500	202	0	539
15	323	146	122	301	202	190	540
16	323	146	122	200	202	261	540
17	323	146	124	351	285	76	541
18	323	146	124	400	307	0	542
19	323	146	123	400	307	0	542

Pepacton Reservoir (P):	Available storage Feb. 20, 2012 (0800) Spillway crest elevation 1,280.00 ft.	123.635 billion gals. 88.2 % (elev. 1,270.72 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Feb. 20, 2012 (0800) Spillway crest elevation 1,150.00 ft.	84.849 billion gals. 88.7 % (elev. 1,142.75 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Feb. 20, 2012 (0800) Spillway crest elevation 1,440.00 ft.	34.042 billion gals. 97.4 % (elev. 1,438.17 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Feb. 20, 2012 (0800) Combined capacity at spillway level.	242.526 billion gals. 89.5 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Feb. 19, 2012 (2400) Spillway crest elevation 1,190.00 ft.	21.048 billion gals. 59.4 % (elev. 1,182.2 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 <sup>2</sup>	Total Discharge	Precipitation	
	Directed release <sup>1</sup>	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			(inches)	
							Daily	Cumul.		
Feb. 13	0	699	226	190	360	89	2,586	4,150	0	.05
14	0	701	226	190	380	142	2,431	4,070	0	.05
15	0	701	226	190	370	142	2,411	4,040	.03	.08
16	0	687	226	189	440	142	2,286	3,970	0	.08
17	0	500	226	189	391	53	2,391	3,750	.36	.44
18	0	500	226	189	330	0	2,485	3,730	0	.44
19	0	500	226	192	189	0	2,443	3,550	.01	.45

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 February 13 - 19, 2012 averaged 79.9 mgd. The average diversion for the 30-day period ending February 19, 2012 was 76.0 mgd and the maximum diversion during the period was 88 mg on January 21, 2012.

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Summary river data for February 20 - 26, 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	
Feb. 20	306	146	123	400	307	0	543
21	97	146	122	400	303	246	545
22	97	146	123	400	303	260	546
23	97	145	122	233	303	260	547
24	97	145	123	200	302	81	547
25	97	145	123	200	303	0	547
26	97	145	123	200	302	0	547

Pepacton Reservoir (P):	Available storage Feb. 27, 2012 (0800) Spillway crest elevation 1,280.00 ft.	122.036 billion gals. 87.1 % (elev. 1,269.79 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Feb. 27, 2012 (0800) Spillway crest elevation 1,150.00 ft.	83.461 billion gals. 87.2 % (elev. 1,141.79 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Feb. 27, 2012 (0800) Spillway crest elevation 1,440.00 ft.	33.000 billion gals. 94.4 % (elev. 1,436.01 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Feb. 27, 2012 (0800) Combined capacity at spillway level.	238.497 billion gals. 88.1 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Feb. 26, 2012 (2400) Spillway crest elevation 1,190.00 ft.	20.332 billion gals. 57.4 % (elev. 1,181.8 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 <sup>2</sup>	Total Discharge	Precipitation (inches)	
	Directed release <sup>1</sup>	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			Daily	Cumul.
	Feb. 20	0	500	226	192	170	89	2,313	3,490	0
21	0	500	226	190	388	160	2,106	3,570	0	.45
22	0	500	226	190	394	160	1,960	3,430	.01	.46
23	0	473	226	189	340	160	1,922	3,310	.03	.49
24	0	150	226	190	482	106	2,316	3,470	.36	.85
25	0	150	224	189	463	35	2,619	3,680	.21	1.06
26	0	150	224	190	294	0	2,582	3,440	.01	1.07

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 February 20 - 26, 2012 averaged 76.7 mgd. The average diversion for the 30-day period ending February 26, 2012 was 76.3 mgd and the maximum diversion during the period was 87 mgd on February 15, 2012.