

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA.

Web address: <http://water.usgs.gov/orh/nrwww/public/odrm>

Summary river data for March 4 -10, 2002 (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			Average Dec. 1, 2001 to date
	Pepacton	Cannonsville	Neversink	Pepacton	Cannonsville	Neversink	
	release begin 1200	release end 2400	release begin 1500	beginning 0800	beginning 0800	beginning 0800	
Mar. 4	4	5	3	57	290	99	420
5	4	5	3	57	290	103	420
6	4	5	3	30	290	102	420
7	4	5	3	169	290	106	421
8	4	5	3	95	289	86	422
9	4	5	3	0	298	140	422
10	4	5	3	34	298	100	422

Pepacton Reservoir (P):	Available storage March 11, 2002 (0800) Spillway crest elevation 1,280.00 ft.	62.172 billion gals. 44.3 % (elev. 1,228.57 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage March 11, 2002 (0800) Spillway crest elevation 1,150.00 ft.	35.677 billion gals. 37.3 % (elev. 1,102.43 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage March 11, 2002 (0800) Spillway crest elevation 1,440.00 ft.	13.349 billion gals. 38.2 % (elev. 1,385.26 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage March 11, 2002 (0800) Combined capacity at spillway level	111.198 billion gals. 41.1 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage March 10, 2002 (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 <sup>2</sup>	Total Discharge	Precipitation	
	Directed release <sup>1</sup>	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			(inches)	
									Daily	Cumul.
Mar. 4	0	6	8	5	0	0	2,731	2,750	.01	.62
5	0	6	8	5	0	0	3,091	3,110	0	.62
6	0	6	8	5	0	0	2,581	2,600	.01	.63
7	0	6	8	5	0	0	2,411	2,430	0	.63
8	0	6	8	5	0	0	2,291	2,310	0	.63
9	0	6	8	5	0	0	2,161	2,180	.25	.88
10	0	6	8	5	0	0	2,271	2,290	.01	.89

1. Release directed to maintain a flow of 1,100 cfs at Montague.

2. Includes conservation release of 30 cfs from Rio Reservoir.

Diversions by New Jersey through the D & R Canal, March 4-10, 2002, averaged 62.6 mgd. The average diversion during drought, December 1, 2001 to March 10, 2002 was 63.5 mgd and the maximum diversion was 74 mg on Dec. 19 and 20, 2001 and Jan. 7, 2002.

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Summary river data for March 11 -17, 2002 (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			Average Dec. 1, 2001 to date
	Pepacton	Cannonsville	Neversink	Pepacton	Cannonsville	Neversink	
	release begin 1200	release end 2400	release begin 1500	beginning 0800	beginning 0800	beginning 0800	
Mar. 11	4	5	3	133	298	97	423
12	4	5	3	154	299	101	424
13	4	5	3	113	299	105	425
14	4	5	3	0	299	130	425
15	4	5	3	0	299	55	425
16	4	5	3	0	299	97	424
17	4	5	3	36	299	117	425

Pepacton Reservoir (P):	Available storage March 18, 2002 (0800) Spillway crest elevation 1,280.00 ft.	64.958 billion gals. 46.3 % (elev. 1,230.89 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage March 18, 2002 (0800) Spillway crest elevation 1,150.00 ft.	36.231 billion gals. 37.9 % (elev. 1,102.99 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage March 18, 2002 (0800) Spillway crest elevation 1,440.00 ft.	13.598 billion gals. 38.9 % (elev. 1,386.09 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage March 18, 2002 (0800) Combined capacity at spillway level	114.787 billion gals. 42.4 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage March 17, 2002 (2400) Spillway crest elevation 1,190.00 ft.	23.395 billion gals. 66.0 % (elev. 1,183.5 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	
	Directed release <sup>1</sup>	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			(inches)	
									Daily	Cumul.
Mar. 11	0	6	8	5	0	0	2,511	2,530	.01	.89
12	0	6	8	5	0	0	2,661	2,680	0	.89
13	0	6	8	5	0	0	2,401	2,420	.07	.96
14	0	6	8	5	17	0	2,344	2,380	.02	.98
15	0	6	8	5	0	0	2,331	2,350	0	.98
16	0	6	8	5	0	99	2,272	2,390	.22	1.20
17	0	6	8	5	0	0	2,451	2,470	0	1.20

1. Release directed to maintain a flow of 1,100 cfs at Montague.

2. Includes conservation release of 30 cfs from Rio Reservoir.

Diversions by New Jersey through the D & R Canal, March 11-17, 2002, averaged 65.7 mgd. The average diversion during drought, December 1, 2001 to March 17, 2002 was 63.7 mgd and the maximum diversion was 74 mg on Dec. 19 and 20, 2001 and Jan. 7, 2002.

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Summary river data for March 18-24, 2002 (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 Dec. 1, 2001 to date
	release begin 1200	release end 2400	release begin 1500	beginning 0800	beginning 0800	beginning 0800	
Mar. 18	4	5	3	233	299	103	427
19	4	5	3	230	299	99	429
20	5	5	3	201	299	102	430
21	5	5	3	35	299	94	430
22	5	5	3	136	298	113	431
23	5	5	3	0	298	95	431
24	5	5	3	100	299	105	431

Pepacton Reservoir (P):	Available storage March 25, 2002 (0800) Spillway crest elevation 1,280.00 ft.	66.941 billion gals. 47.8 % (elev. 1,232.51 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage March 25, 2002 (0800) Spillway crest elevation 1,150.00 ft.	36.855 billion gals. 38.5 % (elev. 1,103.62 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage March 25, 2002 (0800) Spillway crest elevation 1,440.00 ft.	14.006 billion gals. 40.1 % (elev. 1,387.43 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage March 25, 2002 (0800) Combined capacity at spillway level	117.802 billion gals. 43.5 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage March 24, 2002 (2400) Spillway crest elevation 1,190.00 ft.	24.490 billion gals. 69.1 % (elev. 1,184.1 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.		
Mar. 18	0	6	8	5	20	0	2,631	2,670	.11	1.31
19	0	6	8	5	0	0	2,511	2,530	.06	1.37
20	0	6	8	5	0	18	2,573	2,610	.08	1.45
21	0	6	8	5	0	99	2,952	3,070	.50	1.95
22	0	6	8	5	0	0	3,701	3,720	.06	2.01
23	0	8	8	5	0	0	3,839	3,860	0	2.01
24	0	8	8	5	0	0	3,389	3,410	0	2.01

1. Release directed to maintain a flow of 1,100 cfs at Montague.

2. Includes conservation release of 30 cfs from Rio Reservoir.

Diversions by New Jersey through the D & R Canal, March 18-24, 2002, averaged 57.1 mgd. The average diversion during drought, December 1, 2001 to March 24, 2002, was 61.1 mgd and the maximum diversion was 74 mg on January 7, 2002.

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Summary river data for March 25-31, 2002 (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			Average Dec. 1, 2001 to date
	Pepacton	Cannonsville	Neversink	Pepacton	Cannonsville	Neversink	
	release begin 1200	release end 2400	release begin 1500	beginning 0800	beginning 0800	beginning 0800	
Mar. 25	4	5	3	177	298	106	432
26	4	5	3	176	299	136	434
27	4	5	3	151	299	101	435
28	4	5	3	0	298	67	434
29	4	5	3	0	285	92	434
30	4	5	3	0	204	0	432
31	4	5	3	36	200	0	430

Pepacton Reservoir (P):	Available storage April 1, 2002 (0800) Spillway crest elevation 1,280.00 ft.	73.419 billion gals. 52.4 % (elev. 1,237.62 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage April 1, 2002 (0800) Spillway crest elevation 1,150.00 ft.	46.424 billion gals. 48.5 % (elev. 1,112.65 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage April 1, 2002 (0800) Spillway crest elevation 1,440.00 ft.	16.070 billion gals. 46.0 % (elev. 1,393.92 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage April 1, 2002 (0800) Combined capacity at spillway level	135.913 billion gals. 50.2 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage March 31, 2002 (2400) Spillway crest elevation 1,190.00 ft.	27.410 billion gals. 77.3 % (elev. 1,185.7 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 <sup>2</sup>	Total Discharge	Precipitation	
	Directed release <sup>1</sup>	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			(inches)	
									Daily	Cumul.
Mar. 25	0	8	8	5	0	131	3,218	3,370	.01	2.02
26	0	8	8	5	0	0	3,469	3,490	.20	2.22
27	0	8	8	5	0	532	8,357	8,910	1.21	3.43
28	0	6	8	5	0	681	13,500	14,200	0	3.43
29	0	6	8	5	15	989	10,177	11,200	0	3.43
30	0	6	8	5	0	752	8,759	9,530	.04	3.47
31	0	6	8	5	0	755	8,296	9,070	0	3.47

1. Release directed to maintain a flow of 1,100 cfs at Montague.

2. Includes conservation release of 30 cfs from Rio Reservoir.

Diversions by New Jersey through the D & R Canal, March 25-31, 2002, averaged 61.3 mgd. The average diversion during drought, December 1, 2001 to March 31, 2002, was 61.1 mgd and the maximum diversion was 74 mg on January 7, 2002.