

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA.

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

Summary river data for February 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			
	Pepacton	Cannonsville	Neversink	Pepacton	Cannonsville	Neversink	Average
	release begin 1200	release end 2400	release begin 1500	beginning 0800	beginning 0800	beginning 0800	Dec. 1, 2001 to date
Feb. 4	4	6	3	234	200	162	359
5	4	6	3	301	200	181	364
6	4	6	3	263	201	255	369
7	4	6	3	303	18	191	371
8	4	6	3	305	0	178	373
9	4	6	3	304	0	193	375
10	4	6	3	301	0	193	376

Pepacton Reservoir (P):	Available storage February 11, 2002 (0800) Spillway crest elevation 1,280.00 ft.	54.989 billion gals. 39.2 % (elev. 1,222.34 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage February 11, 2002 (0800) Spillway crest elevation 1,150.00 ft.	27.009 billion gals. 28.2 % (elev. 1,093.09 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage February 11, 2002 (0800) Spillway crest elevation 1,440.00 ft.	11.949 billion gals. 34.2 % (elev. 1,380.44 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage February 11, 2002 (0800) Combined capacity at spillway level	93.947 billion gals. 34.7 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage February 10, 2002 (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.		
Feb. 4	0	6	9	5	0	0	4,980	5,000	0	.34
5	0	6	9	5	0	32	4,308	4,360	.02	.36
6	0	6	9	5	0	103	3,627	3,750	0	.36
7	0	6	9	5	0	46	3,244	3,310	0	.36
8	0	6	9	5	0	0	2,570	2,590	0	.36
9	0	6	9	5	0	0	2,330	2,350	0	.36
10	0	6	9	5	0	0	2,160	2,180	0	.36

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, February 4-10, 2002, averaged 63.1 mgd. The average diversion during drought, December 1, 2001 to February 10, 2002 was 63.8 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 February 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			
	Pepacton	Cannonsville	Neversink	Pepacton	Cannonsville	Neversink	Average
	release begin 1200	release end 2400	release begin 1500	beginning 0800	beginning 0800	beginning 0800	Dec. 1, 2001 to date
Feb. 11	4	6	3	181	199	161	379
12	4	6	3	299	200	207	383
13	4	6	3	337	200	192	388
14	4	6	3	355	201	155	392
15	4	6	3	327	200	100	395
16	4	6	3	302	200	97	398
17	4	6	3	306	200	107	400

Pepacton Reservoir (P):	Available storage February 18, 2002 (0800) Spillway crest elevation 1,280.00 ft.	57.881 billion gals. 41.3 % (elev. 1,224.89 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage February 18, 2002 (0800) Spillway crest elevation 1,150.00 ft.	32.398 billion gals. 33.9 % (elev. 1,099.06 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage February 18, 2002 (0800) Spillway crest elevation 1,440.00 ft.	12.009 billion gals. 34.4 % (elev. 1,380.65 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage February 18, 2002 (0800) Combined capacity at spillway level	102.288 billion gals. 37.8 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage February 17, 2002 (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	
	Directed release ¹	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			(inches)	
							Daily	Cumul.		
Feb. 11	0	6	9	5	0	103	3,237	3,360	.76	1.12
12	0	6	9	5	0	0	8,310	8,330	0	1.12
13	0	6	9	5	0	0	6,430	6,450	.01	1.13
14	0	6	9	5	0	0	4,930	4,950	0	1.13
15	0	6	9	5	0	0	3,920	3,940	0	1.13
16	0	6	9	5	0	0	3,690	3,710	0	1.13
17	0	6	9	5	0	0	3,290	3,310	0	1.13

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, February 11-17, 2002, averaged 62.1 mgd. The average diversion during drought, December 1, 2001 to February 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 February 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			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	
Feb. 18	4	6	3	302	200	107	403
19	4	5	3	309	275	70	406
20	4	13	3	314	299	85	410
21	4	5	3	293	264	0	411
22	4	5	3	203	268	0	412
23	4	5	3	192	268	0	413
24	4	5	3	217	259	0	413

Pepacton Reservoir (P):	Available storage February 25, 2002 (0800) Spillway crest elevation 1,280.00 ft.	58.720 billion gals. 41.9 % (elev. 1,225.62 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage February 25, 2002 (0800) Spillway crest elevation 1,150.00 ft.	33.973 billion gals. 35.5 % (elev. 1,100.71 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage February 25, 2002 (0800) Spillway crest elevation 1,440.00 ft.	12.467 billion gals. 35.7 % (elev. 1,382.26 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage February 25, 2002 (0800) Combined capacity at spillway level	105.160 billion gals. 38.8 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage February 24, 2002 (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	
	Directed release ¹	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			(inches)	
									Daily	Cumul.
Feb. 18	0	6	9	5	0	0	3,050	3,070	0	1.13
19	0	6	9	5	0	0	2,720	2,740	0	1.13
20	0	6	9	5	0	0	2,470	2,490	0	1.13
21	0	6	8	5	0	67	2,384	2,470	.14	1.27
22	0	6	20	5	0	0	2,679	2,710	.01	1.28
23	0	6	8	5	0	0	2,971	2,990	0	1.28
24	0	6	8	5	0	0	2,691	2,710	0	1.28

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, February 18-24, 2002, averaged 63.9 mgd. The average diversion during drought, December 1, 2001 to February 24, 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 February 25 to March 3, 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	
Feb. 25	4	5	3	280	229	0	414
26	4	5	3	280	230	0	416
27	4	5	3	278	230	0	417
28	4	6	3	280	282	0	418
Mar. 1	4	4	3	283	288	0	420
2	4	5	3	174	147	86	420
3	4	5	3	0	290	86	419

Pepacton Reservoir (P):	Available storage March 4, 2002 (0800) Spillway crest elevation 1,280.00 ft.	59.577 billion gals. 42.5 % (elev. 1,226.36 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage March 4, 2002 (0800) Spillway crest elevation 1,150.00 ft.	35.191 billion gals. 36.8 % (elev. 1,101.94 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage March 4, 2002 (0800) Spillway crest elevation 1,440.00 ft.	13.034 billion gals. 37.3 % (elev. 1,384.20 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage March 4, 2002 (0800) Combined capacity at spillway level	107.802 billion gals. 39.8 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage March 3, 2002 (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	
	Directed release ¹	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			(inches)	
									Daily	Cumul.
Feb. 25	0	6	8	5	0	0	2,421	2,440	0	1.28
26	0	6	8	5	0	32	2,279	2,330	0	1.28
27	0	6	8	5	0	99	2,202	2,320	.12	1.40
28	0	6	8	5	0	0	2,271	2,290	.01	1.41
Mar. 1	0	6	8	5	59	0	2,172	2,250	0	0
2	0	6	9	5	165	0	1,895	2,080	0	0
3	0	6	6	5	0	0	2,173	2,190	.61	.61

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, Feb. 25 to Mar. 3, 2002, averaged 62.7 mgd. The average diversion during drought, December 1, 2001 to March 3, 2002 was 63.6 mgd and the maximum diversion was 74 mg on Dec. 19 and 20, 2001 and Jan. 7, 2002.