

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA.

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

Summary river data for January 7 - 13, 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	
Jan. 7	4	5	3	301	0	93	398
8	4	5	3	294	0	79	397
9	4	5	3	301	0	143	398
10	4	5	3	301	0	105	398
11	4	5	3	407	0	104	401
12	4	5	3	0	0	0	392
13	4	5	3	19	0	0	383

Pepacton Reservoir (P):	Available storage January 14, 2002 (0800) Spillway crest elevation 1,280.00 ft.	46.708 billion gals. 33.3 % (elev. 1,214.72 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage January 14, 2002 (0800) Spillway crest elevation 1,150.00 ft.	10.767 billion gals. 11.3 % (elev. 1,069.74 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage January 14, 2002 (0800) Spillway crest elevation 1,440.00 ft.	11.988 billion gals. 34.3 % (elev. 1,380.58 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage January 14, 2002 (0800) Combined capacity at spillway level	69.463 billion gals. 25.6 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage January 13, 2002 (2400) Spillway crest elevation 1,190.00 ft.	18.898 billion gals. 53.3 % (elev. 1,181.0 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.
Jan. 7	0	6	8	5	25	0	1,286	1,330	.55	.55
8	0	6	8	5	116	0	1,295	1,430	.17	.72
9	0	6	8	5	0	0	1,131	1,150	0	.72
10	0	6	8	5	0	135	1,236	1,390	.06	.78
11	0	6	8	5	0	0	1,401	1,420	.04	.82
12	0	6	8	5	0	0	1,381	1,400	.08	.90
13	0	6	8	5	0	0	1,331	1,350	.01	.91

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

2. Includes conservation release of 60 cfs from Rio Reservoir.

Diversions by New Jersey through the D & R Canal, January 7-13, 2002, are unavailable.

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Summary river data for January 14 - 20, 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	
Jan. 14	4	5	3	282	0	0	381
15	4	5	3	286	0	0	379
16	4	5	3	278	0	0	377
17	4	5	3	286	0	0	375
18	4	5	3	278	0	0	373
19	4	5	3	0	0	96	367
20	4	5	3	0	0	95	362

Pepacton Reservoir (P):	Available storage January 21, 2002 (0800) Spillway crest elevation 1,280.00 ft.	46.089 billion gals. 32.9 % (elev. 1,214.13 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage January 21, 2002 (0800) Spillway crest elevation 1,150.00 ft.	11.584 billion gals. 12.1 % (elev. 1,071.19 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage January 21, 2002 (0800) Spillway crest elevation 1,440.00 ft.	12.085 billion gals. 34.6 % (elev. 1,380.92 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage January 21, 2002 (0800) Combined capacity at spillway level	69.758 billion gals. 25.8 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage January 20, 2002 (2400) Spillway crest elevation 1,190.00 ft.	18.722 billion gals. 52.8 % (elev. 1,180.9 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	
	Directed release ¹	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			(inches)	
									Daily	Cumul.
Jan. 14	0	6	8	5	0	0	1,211	1,230	0	.91
15	0	6	8	5	0	60	1,281	1,360	0	.91
16	0	6	8	5	0	0	1,151	1,170	.02	.93
17	0	6	8	5	0	0	1,091	1,110	.08	1.01
18	0	6	8	5	0	53	928	1,000	.01	1.02
19	0	6	8	5	0	0	1,041	1,060	0	1.02
20	0	6	8	5	0	0	924	943	.32	1.34

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

2. Includes conservation release from Rio Reservoir of 60 cfs on January 14-17 and 45 cfs on January 18-20, 2002.

Diversion by New Jersey through the D & R Canal, January 14-20, 2002, averaged 58.1 mgd. The average diversion during drought, December 1, 2001 to January 20, 2002 was 64.4 mgd and the maximum diversion was 74 mgd on Dec. 19 and 20, 2001 and Jan. 7, 2002.

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Summary river data for January 21 - 27, 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	
Jan. 21	4	5	3	279	0	110	363
22	4	5	3	288	0	104	363
23	4	5	3	236	0	90	362
24	4	5	3	307	0	93	363
25	4	5	3	298	0	87	364
26	4	5	3	0	0	103	359
27	4	5	3	0	0	107	355

Pepacton Reservoir (P):	Available storage January 28, 2002 (0800) Spillway crest elevation 1,280.00 ft.	46.634 billion gals. 33.3 % (elev. 1,214.65 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage January 28, 2002 (0800) Spillway crest elevation 1,150.00 ft.	13.725 billion gals. 14.3 % (elev. 1,074.91 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage January 28, 2002 (0800) Spillway crest elevation 1,440.00 ft.	11.815 billion gals. 33.8 % (elev. 1,379.95 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage January 28, 2002 (0800) Combined capacity at spillway level	72.174 billion gals. 26.6 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage January 27, 2002 (2400) Spillway crest elevation 1,190.00 ft.	18.546 billion gals. 52.3 % (elev. 1,180.8 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 ²	Total Discharge	Precipitation	
	Directed release ¹	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			(inches)	
									Daily	Cumul.
Jan. 21	0	6	8	5	0	0	915	934	0	1.36
22	0	6	8	5	121	21	909	1,070	.02	1.38
23	0	6	8	5	175	0	1,136	1,330	0	1.38
24	0	6	8	5	159	0	1,152	1,330	0	1.38
25	0	6	8	5	169	0	1,192	1,380	.14	1.52
26	0	6	8	5	168	0	1,453	1,640	0	1.52
27	0	6	8	5	0	57	2,114	2,190	0	1.52

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

2. Includes conservation release from Rio Reservoir of 45 cfs on January 21, 22 and 30 cfs on January 23-27, 2002.

Diversions by New Jersey through the D & R Canal, January 21-27, 2002, averaged 59.4 mgd. The average diversion during drought, December 1, 2001 to January 27, 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 January 28 to February 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			
	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	
Jan. 28	4	5	3	269	0	102	355
29	4	5	3	280	0	82	355
30	4	5	3	234	0	54	354
31	4	5	3	324	199	160	359
Feb. 1	4	5	3	298	201	110	363
2	4	6	3	0	13	93	359
3	4	6	3	37	0	92	356

Pepacton Reservoir (P):	Available storage February 4, 2002 (0800) Spillway crest elevation 1,280.00 ft.	52.674 billion gals. 37.6 % (elev. 1,220.26 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage February 4, 2002 (0800) Spillway crest elevation 1,150.00 ft.	22.136 billion gals. 23.1 % (elev. 1,087.10 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage February 4, 2002 (0800) Spillway crest elevation 1,440.00 ft.	12.323 billion gals. 35.3 % (elev. 1,381.76 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage February 4, 2002 (0800) Combined capacity at spillway level	87.133 billion gals. 32.2 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage February 3, 2002 (2400) Spillway crest elevation 1,190.00 ft.	19.436 billion gals. 54.8 % (elev. 1,181.3 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.		
Jan. 28	0	6	8	5	15	0	2,206	2,240	0	1.52
29	0	6	8	5	154	0	2,347	2,520	0	1.52
30	0	6	8	5	0	67	2,654	2,740	.11	1.63
31	0	6	8	5	0	138	5,123	5,280	.06	1.69
Feb. 1	0	6	8	5	17	0	6,764	6,800	.16	.16
2	0	6	8	5	123	0	6,548	6,690	.18	.34
3	0	6	8	5	0	0	6,331	6,350	0	.34

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

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

Diversion by New Jersey through the D & R Canal, January 28 to February 3, 2002, averaged 63.7 mgd. The average diversion during drought, December 1, 2001 to February 3, 2002 was 63.9 mgd and the maximum diversion was 74 mgd on December 19 and 20, 2001 and January 7, 2002.