

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA.

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

Summary river data for December 2 - 8, 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 June 1, 2002 to date
	Pepacton	Cannonsville	Neversink	Pepacton	Cannonsville	Neversink	
	release begin 1200	release end 2400	release begin 1500	beginning 0800	beginning 0800	beginning 0800	
Dec. 2	30	30	16	19	0	0	583
3	30	30	16	300	0	121	582
4	30	30	16	302	0	161	582
5	30	30	16	300	0	135	581
6	30	29	16	301	0	160	580
7	30	29	16	300	0	150	579
8	30	29	16	301	0	122	579

Pepacton Reservoir (P):	Available storage Dec. 9, 2002 (0800)	103.011 billion gals. 73.5% (elev. 1,258.21 ft.)
	Spillway crest elevation 1,280.00 ft.	140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Dec. 9, 2002 (0800)	69.040 billion gals. 72.1 % (elev. 1,131.28 ft.)
	Spillway crest elevation 1,150.00 ft.	95.706 billion gallons.
Neversink Reservoir (N):	Available storage Dec. 9, 2002 (0800)	25.913 billion gals. 74.2 % (elev. 1,420.18 ft.)
	Spillway crest elevation 1,440.00 ft.	34.941 billion gallons.
Combined contents, PCN:	Available storage Dec. 9, 2002 (0800)	197.964 billion gals. 73.1 %
	Combined capacity at spillway level	270.837 billion gallons.
Lake Wallenpaupack:	Available storage Dec. 8, 2002 (2400)	27.957 billion gals. 78.9 % (elev. 1,186.0 ft.)
	Spillway crest elevation 1,190.00 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.		
Dec. 2	0	46	46	25	340	415	4,218	5,090	0	.03
3	0	46	46	25	633	383	3,647	4,780	0	.03
4	0	46	46	25	834	372	2,917	4,240	0	.03
5	0	46	46	25	625	319	2,919	3,980	0	.03
6	0	46	46	25	633	213	2,887	3,850	.45	.48
7	0	46	46	25	553	220	2,850	3,740	0	.48
8	0	46	45	25	283	124	2,727	3,250	0	.48

1. Release directed to maintain a flow at Montague of 1,750 cfs.

2. Includes conservation release of 60 cfs (December 2) and 100 cfs (December 3-8) from Rio Reservoir.

Diversions by New Jersey through the D & R Canal are currently unavailable.

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA.

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

Summary river data for December 9-15, 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 June 1, 2002 to date
	Pepacton	Cannonsville	Neversink	Pepacton	Cannonsville	Neversink	
	release begin 1200	release end 2400	release begin 1500	beginning 0800	beginning 0800	beginning 0800	
Dec. 9	30	30	16	0	0	0	665
10	30	31	16	0	0	0	661
11	29	31	16	0	0	0	656
12	29	31	16	113	269	0	654
13	29	31	16	263	296	0	654
14	31	30	17	0	308	0	651
15		32		0	296	0	649

Pepacton Reservoir (P):	Available storage Oct. 28, 2002 (0800)	87.066 billion gals. 62.1% (elev. 1,247.60 ft.)
	Spillway crest elevation 1,280.00 ft.	140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Oct. 28, 2002 (0800)	45.334 billion gals. 47.4 % (elev. 1,111.67 ft.)
	Spillway crest elevation 1,150.00 ft.	95.706 billion gallons.
Neversink Reservoir (N):	Available storage Oct. 28, 2002 (0800)	22.513 billion gals. 64.4 % (elev. 1,411.79 ft.)
	Spillway crest elevation 1,440.00 ft.	34.941 billion gallons.
Combined contents, PCN:	Available storage Oct. 28, 2002 (0800)	154.913 billion gals. 57.2 %
	Combined capacity at spillway level	270.837 billion gallons.
Lake Wallenpaupack:	Available storage Oct. 27, 2002 (2400)	18.898 billion gals. 53.3 % (elev. 1,181.0 ft.)
	Spillway crest elevation 1,190.00 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.		
Oct. 21	0	46	48	25	0	440	6,061	6,620	0	5.42
22	0	46	46	25	0	443	4,910	5,470	0	5.42
23	0	46	46	25	0	482	4,091	4,690	0	5.42
24	0	46	48	25	0	106	3,585	3,810	0	5.42
25	0	46	48	25	0	245	3,256	3,620	.01	5.43
26	0	45	48	25	11	422	3,479	4,030	.74	6.17
27	0	45	48	25	41	436	5,845	6,440	.12	6.29

1. Release directed to maintain a flow at Montague of 1,750 cfs.

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

Diversions by New Jersey through the D & R Canal, October 21-27, 2002, averaged 92.7 mgd. The average diversion for the 30-day period ending October 27, 2002 was 85.6 mgd and the maximum diversion was 98 mgd on October 10, 2002.

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA.

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

Summary river data for December 16-22, 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 June 1, 2002 to date
	Pepacton	Cannonsville	Neversink	Pepacton	Cannonsville	Neversink	
	release begin 1200	release end 2400	release begin 1500	beginning 0800	beginning 0800	beginning 0800	
Dec. 16	30	29	16	308	0	142	573
17	30	29	16	319	0	175	573
18	29	29	16	326	0	182	572
19	29	29	16	324	0	154	572
20	29	29	16	299	0	120	571
21	29	29	16	299	0	89	570
22	29	29	16	299	0	70	569

Pepacton Reservoir (P):	Available storage Dec. 23, 2002 (0800)	107.108 billion gals. 76.4 % (elev. 1,260.79 ft.)
	Spillway crest elevation 1,280.00 ft.	140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Dec. 23, 2002 (0800)	78.664 billion gals. 82.2 % (elev. 1,138.40 ft.)
	Spillway crest elevation 1,150.00 ft.	95.706 billion gallons.
Neversink Reservoir (N):	Available storage Dec. 23, 2002 (0800)	26.030 billion gals. 74.5 % (elev. 1,420.46 ft.)
	Spillway crest elevation 1,440.00 ft.	34.941 billion gallons.
Combined contents, PCN:	Available storage Dec. 23, 2002 (0800)	211.802 billion gals. 78.2 %
	Combined capacity at spillway level	270.837 billion gallons.
Lake Wallenpaupack:	Available storage Dec. 22, 2002 (2400)	29.628 billion gals. 83.6 % (elev. 1,186.9 ft.)
	Spillway crest elevation 1,190.00 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.
Dec. 16	0	46	70	25	478	199	7,872	8,690	.05	2.31
17	0	46	45	25	839	394	6,221	7,570	0	2.31
18	0	46	45	25	774	411	5,279	6,580	0	2.31
19	0	46	45	25	760	415	4,429	5,720	0	2.31
20	0	46	45	25	730	426	5,018	6,290	.25	2.56
21	0	45	45	25	587	426	9,372	10,500	.21	2.77
22	0	45	45	25	270	418	10,197	11,000	0	2.77

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, December 16-22, 2002, averaged 92.0 mgd. The average diversion for the 30-day period ending December 22, 2002 was 93.6 mgd and the maximum diversion was 104 mg on December 8, 2002.

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA.

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

Summary river data for December 23 - 29, 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 June 1, 2002 to date
	Pepacton	Cannonsville	Neversink	Pepacton	Cannonsville	Neversink	
	release begin 1200	release end 2400	release begin 1500	beginning 0800	beginning 0800	beginning 0800	
Dec. 23	29	29	16	301	0	103	568
24	29	29	16	283	0	76	567
25	41	29	16	0	0	0	565
26	46	29	16	0	0	0	562
27	46	29	16	0	0	0	559
28	46	29	16	0	0	0	557
29	44	29	16	0	0	0	554

Pepacton Reservoir (P):	Available storage Dec. 30, 2002 (0800)	111.317 billion gals. 79.4% (elev. 1,263.39 ft.)
	Spillway crest elevation 1,280.00 ft.	140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Dec. 30, 2002 (0800)	84.400 billion gals. 88.2 % (elev. 1,142.44 ft.)
	Spillway crest elevation 1,150.00 ft.	95.706 billion gallons.
Neversink Reservoir (N):	Available storage Dec. 30, 2002 (0800)	26.868 billion gals. 76.9 % (elev. 1,422.44 ft.)
	Spillway crest elevation 1,440.00 ft.	34.941 billion gallons.
Combined contents, PCN:	Available storage Dec. 30, 2002 (0800)	222.585 billion gals. 82.2 %
	Combined capacity at spillway level	270.837 billion gallons.
Lake Wallenpaupack:	Available storage Dec. 29, 2002 (2400)	28.143 billion gals. 79.4 % (elev. 1,186.1 ft.)
	Spillway crest elevation 1,190.00 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.
Dec. 23	0	45	45	25	348	546	8,331	9,340	0	2.77
24	0	45	45	25	767	472	6,986	8,340	0	2.77
25	0	45	45	25	811	415	6,339	7,680	.04	2.81
26	0	45	45	25	1,009	422	5,564	7,110	1.58	4.39
27	0	45	45	25	1,266	426	5,513	7,320	.11	4.50
28	0	63	45	25	1,196	426	5,285	7,040	0	4.50
29	0	71	45	25	1,373	408	4,878	6,800	0	4.50

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 December 23-29, 2002, averaged 87.3 mgd. The average diversion for the 30-day period ending December 29, 2002 was 92.1 mgd and the maximum diversion was 104 mg on December 8, 2002.