

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA

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

Summary river data for February 3 - 9, 2003 (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, 2002 to date
	release begin 1200	release end 2400	spill begin 0800	release begin 1500	beginning 0800	beginning 0800	beginning 0800	
Feb. 3	29	29	171	16	401	0	166	513
4	29	29	205	16	399	0	191	513
5	29	29	220	16	400	0	245	514
6	29	29	230	16	400	249	260	515
7	29	29	181	16	400	295	170	517
8	29	29	149	16	400	1	211	517
9	29	29	172	16	400	0	216	517

Pepacton Reservoir (P):	Available storage February 10, 2003 (0800) Spillway crest elevation 1,280.00 ft.	114.562 billion gals. 81.7% 140.190 billion gallons.	(elev. 1,265.36 ft.)
Cannonsville Reservoir (C):	Available storage February 10, 2003 (0800) Spillway crest elevation 1,150.00 ft.	96.623 billion gals. 101.0% 95.706 billion gallons.	(elev. 1,150.57 ft.)
Neversink Reservoir (N):	Available storage February 10, 2003 (0800) Spillway crest elevation 1,440.00 ft.	27.774 billion gals. 79.5% 34.941 billion gallons.	(elev. 1,424.55 ft.)
Combined contents, PCN:	Available storage February 10, 2003 (0800) Combined capacity at spillway level.	238.959 billion gals. 88.2% 270.837 billion gallons.	
Lake Wallenpaupack:	Available storage February 9, 2003 (2400) Spillway crest elevation 1,190.00 ft.	18.018 billion gals. 50.8% 35.451 billion gallons.	(elev. 1,180.5 ft.)

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. 3	0	45	45	25	682	96	2,707	3,600	0	.04
4	0	45	45	25	620	106	2,859	3,700	.27	.31
5	0	45	45	25	495	106	3,684	4,400	.23	.54
6	0	45	45	25	737	103	4,545	5,500	0	.54
7	0	45	45	25	702	103	4,080	5,000	.17	.71
8	0	45	45	25	646	106	3,833	4,700	.03	.74
9	0	45	45	25	532	106	3,547	4,300	0	.74

1. Release directed to maintain a flow at Montague of 1750 cfs.

2. Includes conservation release of 100 cfs from Rio Reservoir and spill from Cannonsville Reservoir.

Diversions by New Jersey through the D & R Canal February 3 - 9, 2003, averaged 98.0 mgd. The average diversion for the 30-day period ending February 9, 2003 was 97.6 mgd and the maximum diversion was 100 mg on January 17, 19-25, 2003.

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Summary river data for February 10 - 16, 2003 (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, 2002 to date
	release begin 1200	release end 2400	spill begin 0800	release begin 1500	beginning 0800	beginning 0800	beginning 0800	
Feb. 10	29	29	205	16	400	0	200	518
11	29	29	219	16	400	0	163	518
12	29	29	208	16	400	0	246	518
13	29	29	169	16	399	250	265	520
14	29	29	69	16	450	295	170	521
15	29	29	34	16	450	295	146	523
16	29	29	65	16	450	1	121	523

Pepacton Reservoir (P):	Available storage February 17, 2003 (0800) Spillway crest elevation 1,280.00 ft.	112.794 billion gals. 80.5% 140.190 billion gallons.	(elev. 1,264.29 ft.)
Cannonsville Reservoir (C):	Available storage February 17, 2003 (0800) Spillway crest elevation 1,150.00 ft.	96.157 billion gals. 100.5% 95.706 billion gallons.	(elev. 1,150.28 ft.)
Neversink Reservoir (N):	Available storage February 17, 2003 (0800) Spillway crest elevation 1,440.00 ft.	26.770 billion gals. 76.6% 34.941 billion gallons.	(elev. 1,422.21 ft.)
Combined contents, PCN:	Available storage February 17, 2003 (0800) Combined capacity at spillway level.	235.721 billion gals. 87.0% 270.837 billion gallons.	
Lake Wallenpaupack:	Available storage February 16, 2003 (2400) Spillway crest elevation 1,190.00 ft.	15.906 billion gals. 44.9% 35.451 billion gallons.	(elev. 1,179.3 ft.)

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. 10	0	45	45	25	581	163	3,241	4,100	.01	.75
11	0	45	45	25	612	106	3,267	4,100	.10	.85
12	0	45	45	25	569	106	3,210	4,000	.01	.86
13	0	45	45	25	562	106	3,317	4,100	0	.86
14	0	45	45	25	667	103	3,115	4,000	0	.86
15	0	45	45	25	503	89	3,093	3,800	0	.86
16	0	45	45	25	615	110	3,060	3,900	0	.86

1. Release directed to maintain a flow at Montague of 1750 cfs.

2. Includes conservation release of 100 cfs from Rio Reservoir and spill from Cannonsville Reservoir.

Diversions by New Jersey through the D & R Canal February 10 - 16, 2003, averaged 101.0 mgd. The average diversion for the 30-day period ending February 16, 2003 was 99.4 mgd and the maximum diversion was 104 mg on February 11 and 15, 2003.

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Summary river data for February 17 - 23, 2003 (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, 2002 to date
	release begin 1200	release end 2400	spill begin 0800	release begin 1500	beginning 0800	beginning 0800	beginning 0800	
Feb. 17	29	29	101	16	450	0	160	523
18	29	29	127	16	450	0	163	524
19	29	29	146	16	450	0	24	524
20	29	29	155	16	450	0	0	523
21	29	29	160	16	0	0	0	521
22	29	29	225	16	0	0	0	519
23	29	29	327	16	0	0	0	517

Pepacton Reservoir (P):	Available storage February 24, 2003 (0800) Spillway crest elevation 1,280.00 ft.	113.091 billion gals. 80.7% 140.190 billion gallons.	(elev. 1,264.47 ft.)
Cannonsville Reservoir (C):	Available storage February 24, 2003 (0800) Spillway crest elevation 1,150.00 ft.	96.977 billion gals. 101.3% 95.706 billion gallons.	(elev. 1,150.79 ft.)
Neversink Reservoir (N):	Available storage February 24, 2003 (0800) Spillway crest elevation 1,440.00 ft.	26.923 billion gals. 77.1% 34.941 billion gallons.	(elev. 1,422.57 ft.)
Combined contents, PCN:	Available storage February 24, 2003 (0800) Combined capacity at spillway level.	236.991 billion gals. 87.5% 270.837 billion gallons.	
Lake Wallenpaupack:	Available storage February 23, 2003 (2400) Spillway crest elevation 1,190.00 ft.	14.323 billion gals. 40.4% 35.451 billion gallons.	(elev. 1,178.4 ft.)

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. 17	0	45	45	25	860	117	3,008	4,100	.22	1.08
18	0	45	45	25	772	103	3,010	4,000	.78	1.86
19	0	45	45	25	487	103	2,995	3,700	.01	1.87
20	0	45	45	25	556	138	2,991	3,800	0	1.87
21	0	45	45	25	536	138	3,011	3,800	0	1.87
22	0	45	45	25	855	426	2,804	4,200	.01	1.88
23	0	45	45	25	700	422	3,863	5,100	.66	2.54

1. Release directed to maintain a flow at Montague of 1750 cfs.

2. Includes conservation release of 100 cfs from Rio Reservoir and spill from Cannonsville Reservoir.

Diversions by New Jersey through the D & R Canal February 17 - 23, 2003, averaged 71.4 mgd. The average diversion for the 30-day period ending February 23, 2003 was 91.2 mgd and the maximum diversion was 105 mg on February 20, 2003.

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Summary river data for February 24 - March 2, 2003 (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, 2002 to date
	release begin 1200	release end 2400	spill begin 0800	release begin 1500	beginning 0800	beginning 0800	beginning 0800	
Feb. 24	29	29	450	16	0	0	0	514
25	30	29	458	16	0	0	0	512
26	30	33	450	16	0	0	0	510
27	30	29	327	16	228	263	112	510
28	29	29	213	16	300	296	88	511
Mar. 1	29	29	118	16	298	296	0	511
2	29	29	101	16	300	296	23	512

Pepacton Reservoir (P):	Available storage March 3, 2003 (0800) Spillway crest elevation 1,280.00 ft.	114.163 billion gals. 81.4% 140.190 billion gallons.	(elev. 1,265.01 ft.)
Cannonsville Reservoir (C):	Available storage March 3, 2003 (0800) Spillway crest elevation 1,150.00 ft.	96.302 billion gals. 100.6% 95.706 billion gallons.	(elev. 1,150.37 ft.)
Neversink Reservoir (N):	Available storage March 3, 2003 (0800) Spillway crest elevation 1,440.00 ft.	27.356 billion gals. 78.3% 34.941 billion gallons.	(elev. 1,423.58 ft.)
Combined contents, PCN:	Available storage March 3, 2003 (0800) Combined capacity at spillway level.	237.821 billion gals. 87.8% 270.837 billion gallons.	
Lake Wallenpaupack:	Available storage March 2, 2003 (2400) Spillway crest elevation 1,190.00 ft.	13.971 billion gals. 39.4% 35.451 billion gallons.	(elev. 1,178.2 ft.)

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. 24	0	45	45	25	779	53	5,753	6,700	.02	2.56
25	0	45	45	25	630	53	6,202	7,000	.03	2.59
26	0	45	45	25	435	426	6,024	7,000	0	2.59
27	0	45	45	25	490	174	5,521	6,300	0	2.59
28	0	46	51	25	552	457	4,869	6,000	0	2.59
Mar. 1	0	46	45	25	470	142	4,672	5,400	0	0
2	0	46	45	25	189	89	4,406	4,800	.08	.08

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

2. Includes conservation release of 100 cfs from Rio Reservoir and spill from Cannonsville Reservoir.

Diversions by New Jersey through the D & R Canal February 24 - March 2, 2003, averaged 85.3 mgd. The average diversion for the 30-day period ending March 2, 2003 was 87.9 mgd and the maximum diversion was 105 mg on February 20, 2003.