

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA.

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

Summary river data for April 3 - 9, 2006 (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, 2005 to date
	release begin 1200	release end 2400	spill begin 0800	release begin 1500	beginning 0800	beginning 0800	beginning 0800		
Apr. 3	24	28	121	16	352	287	0	482	
4	23	29	127	13	352	300	0	483	
5	17	29	140	12	0	300	0	482	
6	9	29	149	10	0	300	0	481	
7	8	29	176	10	251	300	0	482	
8	8	29	246	10	261	300	0	482	
9	8	29	260	12	302	300	0	482	

Pepacton Reservoir (P):	Available storage April 10, 2006 (0800) Spillway crest elevation 1,280.00 ft.	134.696 billion gals. 96.1 % (elev. 1,276.99 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage April 10, 2006 (0800) Spillway crest elevation 1,150.00 ft.	96.752 billion gals. 101.1 % (elev. 1,150.65 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage April 10, 2006 (0800) Spillway crest elevation 1,440.00 ft.	29.186 billion gals. 83.5 % (elev. 1,427.76 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage April 10, 2006 (0800) Combined capacity at spillway level.	260.634 billion gals. 96.2 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage April 9, 2006 (2400) Spillway crest elevation 1,190.00 ft.	23.212 billion gals. 65.5 % (elev. 1,183.4 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.		
Apr. 3	0	74	45	32	0	43	2,156	2,350	0	.16
4	0	63	42	26	0	170	2,439	2,740	.46	.62
5	0	57	43	25	0	184	2,871	3,180	.04	.66
6	0	37	45	20	0	167	2,951	3,220	0	.66
7	0	36	45	19	1	170	2,769	3,040	0	.66
8	0	26	45	15	0	124	2,820	3,030	.23	.89
9	0	14	45	15	0	0	3,216	3,290	.04	.93

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 Delaware & Raritan Canal April 3 - 9, 2006 averaged 87.0 mgd. The average diversion for the 30-day period ending April 9, 2006 was 92.7 mgd and the maximum diversion during the period was 100 mgd on March 29, 2006.

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Summary river data for April 10 - 16, 2006 (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, 2005 to date
	release begin 1200	release end 2400	spill begin 0800	release begin 1500	beginning 0800	beginning 0800	beginning 0800		
Apr. 10	8	29	263	15	102	300	0	482	
11	8	29	242	15	0	300	0	482	
12	8	29	229	17	0	297	0	481	
13	8	29	218	21	271	300	0	481	
14	8	29	222	14	292	300	0	482	
15	8	29	258	12	133	194	0	481	
16	8	29	274	16	289	300	0	481	

Pepacton Reservoir (P):	Available storage April 17, 2006 (0800) Spillway crest elevation 1,280.00 ft.	136.181 billion gals. 97.1 % (elev. 1,277.81 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage April 17, 2006 (0800) Spillway crest elevation 1,150.00 ft.	96.816 billion gals. 101.2 % (elev. 1,150.69 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage April 17, 2006 (0800) Spillway crest elevation 1,440.00 ft.	29.778 billion gals. 85.2 % (elev. 1,429.08 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage April 17, 2006 (0800) Combined capacity at spillway level.	262.775 billion gals. 97.0 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage April 16, 2006 (2400) Spillway crest elevation 1,190.00 ft.	23.942 billion gals. 67.5 % (elev. 1,183.8 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.		
Apr. 10	0	12	45	15	0	0	3,128	3,200	0	.93
11	0	12	45	19	0	0	2,924	3,000	0	.93
12	0	12	45	23	0	18	2,822	2,920	0	.93
13	0	12	45	23	5	99	2,696	2,880	0	.93
14	0	12	45	26	0	103	2,644	2,830	.14	1.07
15	0	12	45	32	0	128	2,813	3,030	.33	1.40
16	0	12	45	22	0	241	3,200	3,520	0	1.40

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 Delaware & Raritan Canal April 10 - 16, 2006 averaged 88.1 mgd. The average diversion for the 30-day period ending April 16, 2006 was 91.1 mgd and the maximum diversion during the period was 100 mgd on March 29, 2006.

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Summary river data for April 17 - 23, 2006 (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, 2005 to date
	release begin 1200	release end 2400	spill begin 0800	release begin 1500	beginning 0800	beginning 0800	beginning 0800		
Apr. 17	8	29	235	20	289	300	0	482	
18	23	29	193	25	204	420	0	482	
19	23	29	137	25	196	482	0	483	
20	18	29	100	26	295	308	0	483	
21	21	29	52	30	295	300	0	484	
22	9	29	91	12	295	300	0	484	
23	8	29	686	11	296	300	0	484	

Pepacton Reservoir (P):	Available storage April 24, 2006 (0800) Spillway crest elevation 1,280.00 ft.	139.142 billion gals. 99.3 % (elev. 1,279.43 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage April 24, 2006 (0800) Spillway crest elevation 1,150.00 ft.	98.700 billion gals. 103.1 % (elev. 1,151.86 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage April 24, 2006 (0800) Spillway crest elevation 1,440.00 ft.	31.290 billion gals. 89.6 % (elev. 1,432.38 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage April 24, 2006 (0800) Combined capacity at spillway level.	269.132 billion gals. 99.4 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage April 23, 2006 (2400) Spillway crest elevation 1,190.00 ft.	25.220 billion gals. 71.1 % (elev. 1,184.5 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 ²	Total Discharge	Precipitation	
	Directed release ¹	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			(inches)	
							Daily	Cumul.		
Apr. 17	0	12	45	19	0	160	2,984	3,220	0	1.40
18	0	12	45	25	0	170	2,718	2,970	0	1.40
19	0	12	45	31	0	128	2,484	2,700	0	1.40
20	0	12	45	39	0	18	2,386	2,500	0	1.40
21	0	36	45	39	0	89	2,151	2,360	0	1.40
22	0	36	45	40	0	71	2,108	2,300	.29	1.69
23	0	28	45	46	0	227	6,304	6,650	1.41	3.10

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 Delaware & Raritan Canal April 17 - 23, 2006 averaged 85.7 mgd. The average diversion for the 30-day period ending April 23, 2006 was 89.2 mgd and the maximum diversion during the period was 100 mgd on March 29, 2006.

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Summary river data for April 24 - 30, 2006 (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, 2005 to date
	release begin 1200	spill begin 0800	release end 2400	spill begin 0800	release begin 1500	beginning 0800	beginning 0800	beginning 0800	
Apr. 24	21	15	29	1,663	16	410	12	0	484
25	23	303	29	1,862	16	453	0	0	484
26	23	479	29	1,814	16	454	0	0	484
27	23	554	29	1,517	16	57	0	0	483
28	23	647	29	1,260	16	0	0	0	481
29	23	492	29	1,067	16	441	0	0	481
30	23	303	29	917	16	298	0	0	480

Pepacton Reservoir (P):	Available storage May 1, 2006 (0800) Spillway crest elevation 1,280.00 ft.	140.838 billion gals. 100.5 % (elev. 1,280.35 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage May 1, 2006 (0800) Spillway crest elevation 1,150.00 ft.	98.040 billion gals. 102.4 % (elev. 1,151.45 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage May 1, 2006 (0800) Spillway crest elevation 1,440.00 ft.	32.824 billion gals. 93.9 % (elev. 1,435.64 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage May 1, 2006 (0800) Combined capacity at spillway level.	271.702 billion gals. 100.3 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage April 30, 2006 (2400) Spillway crest elevation 1,190.00 ft.	28.143 billion gals. 79.4 % (elev. 1,186.1 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 ²	Total Discharge	Precipitation (inches)	
	Directed release ¹	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			Daily	Cumul.
	Apr. 24	0	32	45	19	0	415	16,589	17,100	.64
25	0	14	45	17	0	674	17,050	17,800	.03	3.76
26	0	12	45	25	0	677	13,841	14,600	0	3.76
27	0	32	45	25	0	631	11,767	12,500	0	3.76
28	0	36	45	25	0	191	9,903	10,200	0	3.76
29	0	36	45	25	0	128	8,436	8,670	0	3.76
30	0	36	45	25	0	0	7,384	7,490	0	3.76

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

2. Includes conservation release of 100cfs from Rio Reservoir and spills from Pepacton and Cannonsville Reservoirs.

Diversions by New Jersey through the Delaware & Raritan Canal April 24 - 30, 2006 averaged 95.0 mgd. The average diversion for the 30-day period ending April 30, 2006 was 95.5 mgd and the maximum diversion during the period was 102 mgd on April 1, 2006.