

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA.

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

Summary river data for April 4 -10, 2005 (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, 2004 to date
	release begin 1200	spill begin 0800	release end 2400	spill begin 0800	release begin 1500	spill begin 0800	beginning 0800	beginning 0800	beginning 0800	
Apr. 4	23	4,577	29	8,663	16	1,253	0	0	0	483
5	23	2,710	29	5,608	16	607	0	0	0	481
6	23	1,839	29	3,088	16	471	0	0	0	480
7	23	1,383	29	2,135	16	598	0	0	0	478
8	23	1,333	29	1,926	16	573	0	0	0	477
9	23	1,150	29	1,598	16	453	0	0	0	475
10	23	921	29	1,327	16	383	72	0	0	474

Pepacton Reservoir (P):	Available storage April 11, 2005 (0800) Spillway crest elevation 1,280.00 ft.	141.431 billion gals. 100.9 % (elev. 1,280.67 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage April 11, 2005 (0800) Spillway crest elevation 1,150.00 ft.	98.651 billion gals. 103.1 % (elev. 1,151.83 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage April 11, 2005 (0800) Spillway crest elevation 1,440.00 ft.	35.170 billion gals. 100.7 % (elev. 1,440.46 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage April 11, 2005 (0800) Combined capacity at spillway level.	275.252 billion gals. 101.6 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage April 10, 2005 (2400) Spillway crest elevation 1,190.00 ft.	29.814 billion gals. 84.1 % (elev. 1,187.0 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 <sup>2</sup>	Total Discharge	Precipitation (inches)	
	Directed release <sup>1</sup>	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			Daily	Cumul.
	Apr. 4	0	36	45	25	1,667	4,426	104,801	111,000	.29
5	0	36	45	25	1,721	2,759	50,114	54,700	0	3.20
6	0	36	45	25	1,721	1,550	34,223	37,600	0	3.20
7	0	36	45	25	1,719	1,901	25,574	29,300	0	3.20
8	0	36	45	25	1,714	1,443	20,337	23,600	.09	3.29
9	0	36	45	25	1,714	1,082	16,798	19,700	0	3.29
10	0	36	45	25	1,721	1,082	13,791	16,700	0	3.29

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

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

Diversion by New Jersey through the Delaware and Raritan Canal April 4 -10, 2005 averaged 76.0 mgd. The average diversion for the 30-day period ending April 10, 2005 was 79.9 mgd and the maximum diversion during the period was 93 mgd on March 20, 2005.

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

Summary river data for April 11 -17, 2005 (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, 2004 to date
	release begin 1200	spill begin 0800	release end 2400	spill begin 0800	release begin 1500	spill begin 0800	beginning 0800	beginning 0800	beginning 0800	
Apr. 11	23	750	29	1,091	16	188	0	0	244	473
12	23	673	29	943	16	13	0	0	277	473
13	23	465	29	819	16	37	371	0	21	472
14	23	229	29	729	19	42	447	0	326	473
15	23	107	29	648	44	0	480	0	294	474
16	23	37	29	582	56	0	501	0	274	475
17	24	5	29	527	60	0	501	0	274	476

Pepacton Reservoir (P):	Available storage April 18, 2005 (0800) Spillway crest elevation 1,280.00 ft.	140.080 billion gals. 140.190 billion gallons.	99.9 % (elev. 1,279.94 ft.)
Cannonsville Reservoir (C):	Available storage April 18, 2005 (0800) Spillway crest elevation 1,150.00 ft.	97.395 billion gals. 95.706 billion gallons.	101.8 % (elev. 1,151.05 ft.)
Neversink Reservoir (N):	Available storage April 18, 2005 (0800) Spillway crest elevation 1,440.00 ft.	34.384 billion gals. 34.941 billion gallons.	98.4 % (elev. 1,438.87 ft.)
Combined contents, PCN:	Available storage April 18, 2005 (0800) Combined capacity at spillway level.	271.859 billion gals. 270.837 billion gallons.	100.4 %
Lake Wallenpaupack:	Available storage April 17, 2005 (2400) Spillway crest elevation 1,190.00 ft.	26.315 billion gals. 35.451 billion gallons.	74.2 % (elev. 1,185.1 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 <sup>2</sup>	Total Discharge	Precipitation (inches)	
	Directed release <sup>1</sup>	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			Daily	Cumul.
	Apr. 11	0	36	45	25	1,701	961	10,932	13,700	0
12	0	36	45	25	1,719	947	9,028	11,800	0	3.29
13	0	36	45	25	1,724	968	7,702	10,500	0	3.29
14	0	36	45	25	1,683	979	6,822	9,590	0	3.29
15	0	36	45	25	1,728	936	5,880	8,650	0	3.29
16	0	36	45	29	1,165	1,447	4,308	7,030	0	3.29
17	0	36	45	68	0	947	4,434	5,530	0	3.29

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

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

Diversions by New Jersey through the Delaware and Raritan Canal April 11 -17, 2005 averaged 90.7 mgd. The average diversion for the 30-day period ending April 17, 2005 was 79.8 mgd and the maximum diversion during the period was 93 mg on March 20 and April 13, 17, 2005.

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Summary river data for April 18 -24, 2005 (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, 2004 to date
	release begin 1200	spill begin 0800	release end 2400	spill begin 0800	release begin 1500	beginning 0800	beginning 0800	beginning 0800	
Apr. 18	44	0	29	464	68	501	0	269	477
19	60	0	29	433	68	455	0	273	478
20	60	0	29	383	60	297	0	273	478
21	62	0	29	370	63	303	0	273	478
22	70	0	29	350	70	450	0	75	479
23	54	0	29	375	42	450	0	0	478
24	23	18	29	623	16	445	0	0	478

Pepacton Reservoir (P):	Available storage April 25, 2005 (0800) Spillway crest elevation 1,280.00 ft.	140.412 billion gals. 100.2 % (elev. 1,280.12 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage April 25, 2005 (0800) Spillway crest elevation 1,150.00 ft.	97.814 billion gals. 102.2 % (elev. 1,151.31 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage April 25, 2005 (0800) Spillway crest elevation 1,440.00 ft.	34.675 billion gals. 99.2% (elev. 1,439.46 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage April 25, 2005 (0800) Combined capacity at spillway level.	272.901 billion gals. 100.8 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage April 24, 2005 (2400) Spillway crest elevation 1,190.00 ft.	25.950 billion gals. 73.2 % (elev. 1,184.9 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 <sup>2</sup>	Total Discharge	Precipitation (inches)	
	Directed release <sup>1</sup>	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			Daily	Cumul.
							Apr. 18	0		
19	0	36	45	93	867	170	4,029	5,240	0	3.29
20	0	37	45	105	901	152	3,820	5,060	0	3.29
21	0	68	45	105	967	191	3,574	4,950	.11	3.40
22	0	93	45	93	802	174	3,463	4,670	0	3.40
23	0	93	45	97	348	0	3,517	4,100	.28	3.68
24	0	96	45	108	0	121	7,280	7,650	1.00	4.68

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

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

Diversions by New Jersey through the Delaware and Raritan Canal April 18 -24, 2005 averaged 78.6 mgd. The average diversion for the 30-day period ending April 24, 2005 was 71.8 mgd and the maximum diversion during the period was 91 mgd on March 27 and April 1, 2005.

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Summary river data for April 25 - May 1, 2005 (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, 2004 to date
	release begin 1200	spill begin 0800	release end 2400	spill begin 0800	release begin 1500		beginning 0800	beginning 0800	beginning 0800	
Apr. 25	23	150	30	758	16	0	445	0	0	478
26	23	258	29	767	16	106	450	0	0	478
27	23	464	30	804	16	326	451	0	248	479
28	23	549	30	918	16	189	450	0	273	480
29	23	480	30	921	16	101	445	0	273	480
30	23	340	30	874	16	71	450	0	271	481
May 1	23	270	29	833	16	55	450	0	272	482

Pepacton Reservoir (P):	Available storage May 2, 2005 (0800)	140.727 billion gals.	100.4 % (elev. 1,280.29 ft.)
	Spillway crest elevation 1,280.00 ft.	140.190 billion gallons.	
Cannonsville Reservoir (C):	Available storage May 2, 2005 (0800)	97.991 billion gals.	102.4 % (elev. 1,151.42 ft.)
	Spillway crest elevation 1,150.00 ft.	95.706 billion gallons.	
Neversink Reservoir (N):	Available storage May 2, 2005 (0800)	34.981 billion gals.	100.1% (elev. 1,440.08 ft.)
	Spillway crest elevation 1,440.00 ft.	34.941 billion gallons.	
Combined contents, PCN:	Available storage May 2, 2005 (0800)	273.699 billion gals.	101.1 %
	Combined capacity at spillway level.	270.837 billion gallons.	
Lake Wallenpaupack:	Available storage May 1, 2005 (2400)	26.132 billion gals.	73.7 % (elev. 1,185.0 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 <sup>2</sup>	Total Discharge	Precipitation (inches)	
	Directed release <sup>1</sup>	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			Daily	Cumul.
							Apr. 25	0		
26	0	84	45	25	857	121	8,838	9,970	0	4.69
27	0	36	46	25	887	121	8,045	9,160	.25	4.94
28	0	36	45	25	613	103	10,078	10,900	.28	5.22
29	0	36	46	25	458	241	9,594	10,400	.02	5.24
30	0	36	46	25	234	241	8,178	8,760	.02	5.26
May 1	0	36	46	25	0	241	7,932	8,280	.18	.18

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

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

Diversions by New Jersey through the Delaware and Raritan Canal April 25 - May 1, 2005 averaged 78.3 mgd. The average diversion for the 30-day period ending May 1, 2005 was 71.5 mgd and the maximum diversion during the period was 88 mgd on April 30, 2005.