

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA.

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

Summary river data for April 1-7, 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	
Apr. 1	4	5	3	281	200	0	431
2	4	5	3	280	199	0	431
3	4	5	3	279	200	0	431
4	4	5	3	282	200	0	432
5	4	5	3	243	200	0	432
6	4	5	3	0	153	0	430
7	5	5	5	36	209	0	428

Pepacton Reservoir (P):	Available storage April 8, 2002 (0800) Spillway crest elevation 1,280.00 ft.	76.770 billion gals. 54.8 % (elev. 1,240.16 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage April 8, 2002 (0800) Spillway crest elevation 1,150.00 ft.	51.149 billion gals. 53.4 % (elev. 1,116.81 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage April 8, 2002 (0800) Spillway crest elevation 1,440.00 ft.	17.646 billion gals. 50.5 % (elev. 1,398.59 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage April 8, 2002 (0800) Combined capacity at spillway level	145.565 billion gals. 53.7 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage April 7, 2002 (2400) Spillway crest elevation 1,190.00 ft.	27.957 billion gals. 78.9 % (elev. 1,186.0 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	
	Directed release <sup>1</sup>	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			(inches)	
									Daily	Cumul.
Apr. 1	0	6	8	5	0	762	7,799	8,580	.15	.15
2	0	6	8	5	35	766	7,340	8,160	.02	.17
3	0	6	8	5	364	248	6,189	6,820	0	.17
4	0	6	8	5	351	184	5,686	6,240	.15	.32
5	0	6	8	5	347	525	4,919	5,810	0	.32
6	0	6	8	5	327	262	4,272	4,880	0	.32
7	0	6	8	5	0	170	3,901	4,090	0	.32

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

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

Diversions by New Jersey through the D & R Canal, April 1-7, 2002, averaged 61.9 mgd. The average diversion during drought, December 1, 2001 to April 7, 2002, was 61.2 mgd and the maximum diversion was 74 mg on January 7, 2002.

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA.  
**Web address: <http://water.usgs.gov/orh/nrwww/public/odrm>**  
 Summary river data for April 8-14, 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	
Apr. 8	12	5	10	282	210	0	429
9	12	5	10	301	209	0	429
10	12	5	10	278	210	0	430
11	12	5	10	282	209	0	430
12	12	5	10	224	209	0	430
13	12	5	10	0	271	51	429
14	12	5	10	38	271	49	429

Pepacton Reservoir (P):	Available storage April 15, 2002 (0800) Spillway crest elevation 1,280.00 ft.	78.735 billion gals. 56.2 % (elev. 1,241.62 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage April 15, 2002 (0800) Spillway crest elevation 1,150.00 ft.	53.774 billion gals. 56.2 % (elev. 1,119.06 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage April 15, 2002 (0800) Spillway crest elevation 1,440.00 ft.	18.803 billion gals. 53.8 % (elev. 1,401.88 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage April 15, 2002 (0800) Combined capacity at spillway level	151.312 billion gals. 55.9 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage April 14, 2002 (2400) Spillway crest elevation 1,190.00 ft.	27.775 billion gals. 78.3 % (elev. 1,185.9 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	
	Directed release <sup>1</sup>	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			(inches)	
									Daily	Cumul.
Apr. 8	0	6	8	5	41	124	3,636	3,820	0	.32
9	0	6	8	8	482	255	3,271	4,030	.01	.33
10	0	8	8	15	526	220	3,283	4,060	.24	.57
11	0	19	8	15	498	248	3,152	3,940	0	.57
12	0	19	8	15	533	287	2,928	3,790	0	.57
13	0	19	8	15	453	181	2,604	3,280	.02	.59
14	0	19	8	15	0	0	2,778	2,820	.34	.93

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

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

Diversions by New Jersey through the D & R Canal, April 8-14, 2002, averaged 64.6 mgd. The average diversion during drought, December 1, 2001 to April 14, 2002, was 61.3 mgd and the maximum diversion was 74 mg on January 7, 2002.

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Summary river data for April 15-21, 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	
Apr. 15	12	5	10	282	272	0	430
16	12	12	10	282	252	49	431
17	12	15	10	286	227	80	432
18	12	15	10	273	293	112	434
19	12	16	10	249	299	8	435
20	12	16	10	0	301	5	434
21	12	16	10	24	301	0	433

Pepacton Reservoir (P):	Available storage April 22, 2002 (0800) Spillway crest elevation 1,280.00 ft.	82.343 billion gals. 58.7 % (elev. 1,244.25 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage April 22, 2002 (0800) Spillway crest elevation 1,150.00 ft.	57.765 billion gals. 60.4 % (elev. 1,122.37 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage April 22, 2002 (0800) Spillway crest elevation 1,440.00 ft.	20.109 billion gals. 57.6 % (elev. 1,405.47 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage April 22, 2002 (0800) Combined capacity at spillway level	160.217 billion gals. 59.2 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage April 21, 2002 (2400) Spillway crest elevation 1,190.00 ft.	29.443 billion gals. 83.1 % (elev. 1,186.8 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 <sup>2</sup>	Total Discharge	Precipitation	
	Directed release <sup>1</sup>	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			(inches)	
									Daily	Cumul.
Apr. 15	0	19	8	15	0	163	4,065	4,270	.58	1.51
16	0	19	8	15	330	184	5,934	6,490	0	1.51
17	0	19	8	15	341	422	5,255	6,060	0	1.51
18	0	19	19	15	370	539	4,458	5,420	0	1.51
19	0	19	23	15	406	550	3,937	4,950	0	1.51
20	0	19	23	15	391	0	3,852	4,300	.17	1.68
21	0	19	25	15	0	92	3,529	3,680	.09	1.77

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

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

Diversions by New Jersey through the D & R Canal, April 15-21, 2002, averaged 59.9 mgd. The average diversion during drought, December 1, 2001 to April 21, 2002, was 61.3 mgd and the maximum diversion was 74 mg on January 7, 2002.

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 Summary river data for April 22-28, 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	
Apr. 22	12	16	10	148	300	42	433
23	12	16	10	126	301	130	434
24	12	16	10	125	299	180	436
25	12	16	10	282	298	264	438
26	12	16	10	39	197	0	437
27	12	16	10	255	279	0	438
28	12	16	10	251	282	0	438

Pepacton Reservoir (P):	Available storage April 29, 2002 (0800) Spillway crest elevation 1,280.00 ft.	84.355 billion gals. 60.2 % (elev. 1,245.69 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage April 29, 2002 (0800) Spillway crest elevation 1,150.00 ft.	59.645 billion gals. 62.3 % (elev. 1,123.91 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage April 29, 2002 (0800) Spillway crest elevation 1,440.00 ft.	20.859 billion gals. 59.7 % (elev. 1,407.47 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage April 29, 2002 (0800) Combined capacity at spillway level	164.859 billion gals. 60.9 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage April 28, 2002 (2400) Spillway crest elevation 1,190.00 ft.	29.257 billion gals. 82.5 % (elev. 1,186.7 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	
	Directed release <sup>1</sup>	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			(inches)	
							Daily	Cumul.		
Apr. 22	0	19	25	15	3	53	3,285	3,400	.07	1.84
23	0	19	25	15	600	60	3,071	3,790	.04	1.88
24	0	19	25	15	718	0	2,823	3,600	0	1.88
25	0	19	25	15	651	103	2,687	3,500	0	1.88
26	0	19	25	15	694	301	3,176	4,230	.53	2.41
27	0	19	25	15	573	518	3,390	4,540	0	2.41
28	0	19	25	15	0	553	3,748	4,360	.45	2.86

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

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

Diversions by New Jersey through the D & R Canal, April 22-28, 2002, averaged 63.4 mgd. The average diversion during drought, December 1, 2001 to April 28, 2002, was 61.4 mgd and the maximum diversion was 74 mg on January 7, 2002.

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Summary river data for April 29 to May 5, 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	
Apr. 29	12	16	10	302	282	0	439
30	12	16	10	0	1	127	437
May 1	12	16	10	0	0	161	435
2	12	16	10	0	230	0	434
3	12	16	10	0	272	0	433
4	12	16	10	0	268	0	432
5	12	16	10	0	267	0	431

Pepacton Reservoir (P):	Available storage May 6, 2002 (0800) Spillway crest elevation 1,280.00 ft.	90.687 billion gals. 64.7 % (elev. 1,250.10 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage May 6, 2002 (0800) Spillway crest elevation 1,150.00 ft.	65.675 billion gals. 68.6 % (elev. 1,128.69 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage May 6, 2002 (0800) Spillway crest elevation 1,440.00 ft.	22.678 billion gals. 64.9 % (elev. 1,412.21 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage May 6, 2002 (0800) Combined capacity at spillway level	179.040 billion gals. 66.1 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage May 5, 2002 (2400) Spillway crest elevation 1,190.00 ft.	28.328 billion gals. 79.9 % (elev. 1,186.2 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	
	Directed release <sup>1</sup>	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			(inches)	
									Daily	Cumul.
Apr. 29	0	19	25	15	367	557	11,217	12,200	.85	3.71
30	0	19	25	15	1,697	532	11,912	14,200	0	3.71
May 1	0	19	25	15	1,694	525	9,822	12,100	.13	.13
2	0	19	25	15	1,721	496	8,624	10,900	.29	.42
3	0	19	25	15	1,696	560	9,885	12,200	.16	.58
4	0	19	25	15	569	355	8,357	9,340	0	.58
5	0	19	25	15	0	447	6,954	7,460	0	.58

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

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

Diversions by New Jersey through the D & R Canal, April 29 to May 5, 2002, averaged 56.7 mgd. The average diversion during drought, December 1, 2001 to May 5, 2002, was 61.2 mgd and the maximum diversion was 74 mg on January 7, 2002.