

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA.
Web address: <http://water.usgs.gov/orh/nrwww/public/odrm>
 Summary river data for Nov. 5 - 11, 2001 (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 Nov. 4, 2001 to date
	release begin 1200	release end 2400	release begin 1500	beginning 0800	beginning 0800	beginning 0800	
Nov. 5	348	492	16	497	0	0	497
6	356	354	16	496	0	0	496
7	355	283	16	497	0	0	497
8	350	342	16	497	0	0	497
9	416	330	16	496	0	0	497
10	417	258	16	495	0	0	496
11	416	253	16	495	0	0	496

Pepacton Reservoir (P):	Available storage November 12 2001 (0800) Spillway crest elevation 1,280.00 ft.	66.252 billion gals. 47.3 % (elev. 1,231.95 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage November 12, 2001 (0800) Spillway crest elevation 1,150.00 ft.	6.129 billion gals. 6.4 % (elev. 1,059.86 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage November 12, 2001 (0800) Spillway crest elevation 1,440.00 ft.	12.511 billion gals. 35.8 % (elev. 1,382.41 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage November 12, 2001 (0800) Combined capacity at spillway level	84.892 billion gals. 31.3 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage November 11, 2001 (2400) Spillway crest elevation 1,190.00 ft.	15.554 billion gals. 43.9 % (elev. 1,179.1 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	
	Directed release ¹	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			(inches)	
							Daily	Cumul.		
Nov. 5	1,113	357	727	25	114	0	417	1,640	.14	.19
6	1,150	357	760	25	59	0	589	1,790	.02	.21
7	1,144	356	761	25	0	0	488	1,630	0	.21
8	1,111	538	548	25	0	0	509	1,620	0	.21
9	1,011	551	438	25	0	0	526	1,540	.01	.22
10	1,103	549	529	25	0	103	434	1,640	0	.22
11	1,077	541	511	25	0	0	483	1,560	0	.22

1. Release directed to maintain a flow at Montague of 1,655 cfs November 5-6; 1550 cfs November 7-11, 2001.

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

Diversion by New Jersey through the D & R Canal November 4-11, 2001, averaged 77.2 mgd.

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Summary river data for Nov. 12 - 18, 2001 (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 Nov. 4, 2001 to date
	release begin 1200	release end 2400	release begin 1500	beginning 0800	beginning 0800	beginning 0800	
Nov. 12	415	250	16	494	0	0	496
13	414	251	16	497	0	0	496
14	412	272	16	496	0	0	496
15	410	282	16	497	0	0	496
16	409	282	16	496	0	0	496
17	407	293	16	495	0	149	507
18	406	273	16	495	0	147	516

Pepacton Reservoir (P):	Available storage November 19, 2001 (0800) Spillway crest elevation 1,280.00 ft.	60.346 billion gals. 43.0 % (elev. 1,227.02 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage November 19, 2001 (0800) Spillway crest elevation 1,150.00 ft.	4.666 billion gals. 4.9 % (elev. 1,055.98 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage November 19, 2001 (0800) Spillway crest elevation 1,440.00 ft.	12.187 billion gals. 34.9 % (elev. 1,381.28 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage November 19, 2001 (0800) Combined capacity at spillway level	77.199 billion gals. 28.5 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage November 18, 2001 (2400) Spillway crest elevation 1,190.00 ft.	15.554 billion gals. 43.9 % (elev. 1,179.1 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	
	Directed release ¹	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			(inches)	
							Daily	Cumul.		
Nov. 12	1,067	644	399	25	0	0	452	1,520	0	.22
13	1,061	645	391	25	0	0	479	1,540	0	.22
14	1,053	644	387	25	0	0	434	1,490	0	.22
15	1,055	642	388	25	0	82	403	1,540	0	.22
16	1,087	640	421	25	0	0	424	1,510	0	.22
17	1,099	637	436	25	0	67	405	1,570	0	.22
18	1,096	634	436	25	7	0	408	1,510	0	.22

1. Release directed to maintain a flow at Montague of 1,550 cfs.

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

Diversions by New Jersey through the D & R Canal November 12-18, 2001, averaged 59.9 mgd. The average diversion since November 4, 2001 was 69.1 mgd.

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Summary river data for Nov. 19 - 25, 2001 (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 Nov. 4, 2001 to date
	release begin 1200	release end 2400	release begin 1500	beginning 0800	beginning 0800	beginning 0800	
Nov. 19	405	277	16	494	0	135	523
20	404	285	16	494	0	144	530
21	403	316	15	468	0	128	533
22	402	318	16	495	0	161	540
23	401	326	17	494	0	148	545
24	400	236	16	494	0	105	547
25	387	157	16	493	0	104	550

Pepacton Reservoir (P):	Available storage November 26, 2001 (0800) Spillway crest elevation 1,280.00 ft.	54.686 billion gals. 39.0 % (elev. 1,222.07 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage November 26, 2001 (0800) Spillway crest elevation 1,150.00 ft.	3.245 billion gals. 3.4 % (elev. 1,051.76 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage November 26, 2001 (0800) Spillway crest elevation 1,440.00 ft.	11.336 billion gals. 32.4 % (elev. 1,378.23 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage November 26, 2001 (0800) Combined capacity at spillway level	69.267 billion gals. 25.6 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage November 26, 2001 (2400) Spillway crest elevation 1,190.00 ft.	15.730 billion gals. 44.4 % (elev. 1,179.2 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 ²	Total Discharge	Precipitation	
	Directed release ¹	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			(inches)	
							Daily	Cumul.		
Nov. 19	1,109	633	453	25	0	0	389	1,500	0	.22
20	1,075	630	422	25	0	0	393	1,470	.17	.39
21	1,081	628	429	25	0	0	408	1,490	0	.39
22	1,094	627	441	25	0	0	407	1,500	0	.39
23	1,139	625	489	23	0	0	383	1,520	0	.39
24	1,140	623	492	25	0	0	370	1,510	0	.39
25	1,149	622	504	26	0	0	418	1,570	.07	.46

1. Release directed to maintain a flow at Montague of 1,550 cfs.

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

Diversions by New Jersey through the D & R Canal November 19-25, 2001, averaged 59.4 mgd. The average diversion since November 4, 2001 was 66.0 mgd.

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Summary river data for November 26 - December 2, 2001 (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 Nov. 4 or Dec. 1 to date
	release begin 1200	release end 2400	release begin 1500	beginning 0800	beginning 0800	beginning 0800	
Nov. 26	276	67	16	498	0	103	552
27	327	29	16	490	0	98	553
28	290	29	16	496	0	98	555
29	285	30	16	495	0	95	556
30	234	30	14	499	0	97	558
Dec. 1	10	17	3	497	0	0	497
2	4	5	3	497	0	0	497

Pepacton Reservoir (P):	Available storage December 3, 2001 (0800) Spillway crest elevation 1,280.00 ft.	50.726 billion gals. 36.2 % (elev. 1,218.48 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage December 3, 2001 (0800) Spillway crest elevation 1,150.00 ft.	3.835 billion gals. 4.0 % (elev. 1,053.58 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage December 3, 2001 (0800) Spillway crest elevation 1,440.00 ft.	11.479 billion gals. 32.9 % (elev. 1,378.75 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage December 3, 2001 (0800) Combined capacity at spillway level	66.040 billion gals. 24.4 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage December 2, 2001 (2400) Spillway crest elevation 1,190.00 ft.	16.786 billion gals. 47.3 % (elev. 1,179.8 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.		
Nov. 26	1,008	620	365	25	0	0	570	1,580	.68	1.14
27	886	619	243	25	0	0	883	1,770	.01	1.15
28	728	599	104	25	0	0	972	1,700	0	1.15
29	496	427	45	25	0	0	943	1,440	.11	1.26
30	576	506	45	25	0	57	827	1,460	.06	1.32
Dec. 1	521	449	46	25	0	0	990	1,510	.51	.51
2	527	441	46	22	0	0	1,571	2,080	.01	.52

1. Release directed to maintain a flow at Montague of 1,550 cfs.

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

Diversions by New Jersey through the D & R Canal, November 26-30, 2001, averaged 62.6 mgd. The average diversion during drought warn-
ing, November 4-30, 2001 was 65.4 mgd.