

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA.

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

Summary river data for October 7 - 13, 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 June 1, 2002 to date
	Pepacton	Cannonsville	Neversink	Pepacton	Cannonsville	Neversink	
	release begin 1200	release end 2400	release begin 1500	beginning 0800	beginning 0800	beginning 0800	
Oct. 7	29	289	16	500	0	106	704
8	29	350	16	500	0	74	703
9	29	389	16	500	0	95	702
10	29	383	16	500	0	162	701
11	29	212	16	500	0	134	701
12	29	30	16	500	0	88	700
13	29	30	16	500	0	87	699

Pepacton Reservoir (P):	Available storage Oct. 14, 2002 (0800)	79.032 billion gals. 56.4% (elev. 1,241.84 ft.)
	Spillway crest elevation 1,280.00 ft.	140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Oct. 14, 2002 (0800)	34.785 billion gals. 36.3 % (elev. 1,101.53 ft.)
	Spillway crest elevation 1,150.00 ft.	95.706 billion gallons.
Neversink Reservoir (N):	Available storage Oct. 14, 2002 (0800)	19.464 billion gals. 55.7 % (elev. 1,403.71 ft.)
	Spillway crest elevation 1,440.00 ft.	34.941 billion gallons.
Combined contents, PCN:	Available storage Oct. 14, 2002 (0800)	133.281 billion gals. 49.2 %
	Combined capacity at spillway level	270.837 billion gallons.
Lake Wallenpaupack:	Available storage Oct. 13, 2002 (2400)	12.036 billion gals. 34.0 % (elev. 1,177.1 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	
	Directed release <sup>1</sup>	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			(inches)	
									Daily	Cumul.
Oct. 7	452	45	384	25	416	7	1,003	1,880	0	.40
8	567	45	500	25	415	35	950	1,970	.01	.41
9	516	45	447	25	395	32	886	1,830	0	.41
10	613	45	541	25	434	35	790	1,870	.01	.42
11	671	45	602	25	453	32	1,163	2,320	.73	1.15
12	662	45	593	25	464	0	6,903	8,030	2.28	3.43
13	398	45	328	25	0	0	12,102	12,500	.12	3.55

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

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

Diversions by New Jersey through the D & R Canal, October 7 - 13, 2002, averaged 88.7 mgd. The average diversion for the 30-day period ending October 13, 2002 was 63.0 mgd and the maximum diversion was 100 mgd on September 19, 2002.

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Summary river data for October 14 - 20, 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 June 1, 2002 to date
	Pepacton	Cannonsville	Neversink	Pepacton	Cannonsville	Neversink	
	release begin 1200	release end 2400	release begin 1500	beginning 0800	beginning 0800	beginning 0800	
Oct. 14	29	30	16	500	0	88	698
15	30	30	16	160	0	0	694
16	29	30	16	0	0	0	689
17	29	29	16	0	0	0	684
18	30	30	16	0	0	0	680
19	30	31	16	0	0	0	675
20	30	30	16	0	0	0	670

Pepacton Reservoir (P):	Available storage Oct. 21, 2002 (0800)	84.735 billion gals. 60.4% (elev. 1,245.96 ft.)
	Spillway crest elevation 1,280.00 ft.	140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Oct. 21, 2002 (0800)	42.605 billion gals. 44.5 % (elev. 1,109.17 ft.)
	Spillway crest elevation 1,150.00 ft.	95.706 billion gallons.
Neversink Reservoir (N):	Available storage Oct. 21, 2002 (0800)	21.550 billion gals. 61.7 % (elev. 1,409.30 ft.)
	Spillway crest elevation 1,440.00 ft.	34.941 billion gallons.
Combined contents, PCN:	Available storage Oct. 21, 2002 (0800)	148.890 billion gals. 55.0 %
	Combined capacity at spillway level	270.837 billion gallons.
Lake Wallenpaupack:	Available storage Oct. 20, 2002 (2400)	17.314 billion gals. 48.8 % (elev. 1,180.1 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	
	Directed release <sup>1</sup>	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			(inches)	
									Daily	Cumul.
Oct. 14	0	45	46	25	0	0	8,784	8,900	.06	3.61
15	0	45	46	25	0	106	6,098	6,320	0	3.61
16	0	45	46	25	0	383	5,031	5,530	.08	3.69
17	0	45	46	25	0	546	18,338	19,000	1.60	5.29
18	0	46	46	25	0	553	16,330	17,000	.09	5.38
19	0	45	45	25	0	649	10,236	11,000	0	5.38
20	0	45	46	25	0	660	7,494	8,270	.04	5.42

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

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

Diversions by New Jersey through the D & R Canal, October 14 - 20, 2002, averaged 93.4 mgd. The average diversion for the 30-day period ending October 20, 2002 was 74.0 mgd and the maximum diversion was 98 mgd on October 10, 2002.

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Summary river data for October 21-27, 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 June 1, 2002 to date
	Pepacton	Cannonsville	Neversink	Pepacton	Cannonsville	Neversink	
	release begin 1200	release end 2400	release begin 1500	beginning 0800	beginning 0800	beginning 0800	
Oct. 21	30	30	16	0	0	0	665
22	30	31	16	0	0	0	661
23	29	31	16	0	0	0	656
24	29	31	16	113	269	0	654
25	29	31	16	263	296	0	654
26	31	30	17	0	308	0	651
27	30	32	16	0	296	0	649

Pepacton Reservoir (P):	Available storage Oct. 28, 2002 (0800)	87.066 billion gals. 62.1% (elev. 1,247.60 ft.)
	Spillway crest elevation 1,280.00 ft.	140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Oct. 28, 2002 (0800)	45.334 billion gals. 47.4 % (elev. 1,111.67 ft.)
	Spillway crest elevation 1,150.00 ft.	95.706 billion gallons.
Neversink Reservoir (N):	Available storage Oct. 28, 2002 (0800)	22.513 billion gals. 64.4 % (elev. 1,411.79 ft.)
	Spillway crest elevation 1,440.00 ft.	34.941 billion gallons.
Combined contents, PCN:	Available storage Oct. 28, 2002 (0800)	154.913 billion gals. 57.2 %
	Combined capacity at spillway level	270.837 billion gallons.
Lake Wallenpaupack:	Available storage Oct. 27, 2002 (2400)	18.898 billion gals. 53.3 % (elev. 1,181.0 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.
	Oct. 21	0	46	48	25	0	440	6,061	6,620	0
22	0	46	46	25	0	443	4,910	5,470	0	5.42
23	0	46	46	25	0	482	4,091	4,690	0	5.42
24	0	46	48	25	0	106	3,585	3,810	0	5.42
25	0	46	48	25	0	245	3,256	3,620	.01	5.43
26	0	45	48	25	11	422	3,479	4,030	.74	6.17
27	0	45	48	25	41	436	5,845	6,440	.12	6.29

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

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

Diversions by New Jersey through the D & R Canal, October 21-27, 2002, averaged 92.7 mgd. The average diversion for the 30-day period ending October 27, 2002 was 85.6 mgd and the maximum diversion was 98 mgd on October 10, 2002.

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Summary river data for October 28 - November 3, 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 June 1, 2002 to date
	Pepacton	Cannonsville	Neversink	Pepacton	Cannonsville	Neversink	
	release begin 1200	release end 2400	release begin 1500	beginning 0800	beginning 0800	beginning 0800	
Oct. 28	30	30	16	224	296	0	648
29	30	30	16	229	296	0	647
30	30	30	16	224	296	0	646
31	30	30	16	213	296	0	645
Nov. 1	30	30	16	225	296	0	645
2	30	30	16	0	296	0	642
3	30	30	16	0	296	0	640

Pepacton Reservoir (P):	Available storage Nov. 4, 2002 (0800)	88.042 billion gals. 62.8% (elev. 1,248.28 ft.)
	Spillway crest elevation 1,280.00 ft.	140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Nov. 4, 2002 (0800)	46.012 billion gals. 48.1 % (elev. 1,112.28 ft.)
	Spillway crest elevation 1,150.00 ft.	95.706 billion gallons.
Neversink Reservoir (N):	Available storage Nov. 4, 2002 (0800)	23.107 billion gals. 66.1 % (elev. 1,413.30 ft.)
	Spillway crest elevation 1,440.00 ft.	34.941 billion gallons.
Combined contents, PCN:	Available storage Nov. 4, 2002 (0800)	157.161 billion gals. 58.0 %
	Combined capacity at spillway level	270.837 billion gallons.
Lake Wallenpaupack:	Available storage Nov. 3, 2002 (2400)	20.690 billion gals. 58.4 % (elev. 1,182.0 ft.)
	Spillway crest elevation 1,190.00 ft.	35.451 billion gallons.

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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.
Oct. 28	0	45	46	26	0	326	5,137	5,580	0	6.29
29	0	48	50	25	0	284	4,253	4,660	0	6.29
30	0	46	46	25	0	280	3,783	4,180	0	6.29
31	0	46	46	25	0	280	3,443	3,840	.02	6.31
Nov. 1	0	46	46	25	0	312	3,141	3,570	0	0
2	0	46	46	25	0	411	2,952	3,480	.02	.02
3	0	46	46	25	0	426	2,767	3,310	.02	.04

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

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

Diversions by New Jersey through the D & R Canal, October 28 - November 3, 2002, averaged 89.4 mgd. The average diversion for the 30-day period ending November 3, 2002 was 91.9 mgd and the maximum diversion was 97 mg on October 7, 2002.