

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA.

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

Summary river data for August 5-11, 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	
Aug. 5	71	517	71	452	298	239	680
6	61	549	35	451	297	0	681
7	61	564	33	451	297	97	683
8	61	595	34	455	298	147	686
9	61	705	34	453	297	168	689
10	66	724	58	453	297	96	692
11	80	720	71	453	298	96	694

Pepacton Reservoir (P):	Available storage Aug. 12, 2002 (0800) Spillway crest elevation 1,280.00 ft.	105.701 billion gals. 75.4 % (elev. 1,259.91 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Aug. 12, 2002 (0800) Spillway crest elevation 1,150.00 ft.	61.218 billion gals. 64.0 % (elev. 1,125.19 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Aug. 12, 2002 (0800) Spillway crest elevation 1,440.00 ft.	24.797 billion gals. 71.0 % (elev. 1,417.49 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Aug. 12, 2002 (0800) Combined capacity at spillway level	191.716 billion gals. 70.8 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Aug. 11, 2002 (2400) Spillway crest elevation 1,190.00 ft.	19.436 billion gals. 54.8 % (elev. 1,181.3 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.
Aug. 5	1,203	131	1,002	70	0	0	567	1,770	.24	.39
6	1,032	114	843	76	205	0	702	1,940	.05	.44
7	1,020	110	800	110	220	0	600	1,840	0	.44
8	1,014	110	849	54	199	0	578	1,790	0	.44
9	1,020	94	873	51	199	0	533	1,750	0	.44
10	1,069	94	920	53	175	0	527	1,770	0	.44
11	1,239	94	1,091	53	0	43	459	1,740	0	.44

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, August 5-11, 2002, averaged 85.3 mgd. The average diversion for the 30-day period ending August 11, 2002 was 93.4 mgd and the maximum diversion was 100 mgd on July 14 and 22, and August 6, 2002.

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

Summary river data for August 12-18, 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	
Aug. 12	102	707	82	452	298	194	697
13	103	712	81	450	298	205	701
14	103	708	81	450	298	218	704
15	90	753	71	450	297	175	707
16	71	794	58	452	297	183	710
17	71	778	45	452	297	61	711
18	61	768	34	452	297	82	713

Pepacton Reservoir (P):	Available storage Aug. 19, 2002 (0800) Spillway crest elevation 1,280.00 ft.	102.227 billion gals. 72.9 % (elev. 1,257.71 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Aug. 19, 2002 (0800) Spillway crest elevation 1,150.00 ft.	54.217 billion gals. 56.6 % (elev. 1,119.44 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Aug. 19, 2002 (0800) Spillway crest elevation 1,440.00 ft.	23.334 billion gals. 66.8 % (elev. 1,413.87 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Aug. 19, 2002 (0800) Combined capacity at spillway level	179.778 billion gals. 66.4 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Aug. 18, 2002 (2400) Spillway crest elevation 1,190.00 ft.	19.256 billion gals. 54.3 % (elev. 1,181.2 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.
Aug. 12	1,305	94	1,120	90	0	0	346	1,650	0	.44
13	1,328	102	1,114	110	0	53	301	1,680	0	.44
14	1,346	124	1,094	127	0	89	296	1,730	0	.44
15	1,388	158	1,101	125	0	35	311	1,730	.06	.50
16	1,382	159	1,095	125	9	0	402	1,790	.06	.56
17	1,434	159	1,165	110	0	0	446	1,880	.08	.64
18	1,428	139	1,228	90	0	0	343	1,800	0	.64

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, August 12-18, 2002, averaged 90.7 mgd. The average diversion for the 30-day period ending August 18, 2002 was 91.9 mgd and the maximum diversion was 100 mgd on July 22 and August 6, 2002.

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Summary river data for August 19-25, 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	
Aug. 19	61	749	34	452	299	182	715
20	61	786	34	451	298	177	718
21	71	776	45	450	298	207	721
22	71	693	45	452	297	146	723
23	63	643	43	450	297	150	725
24	61	765	34	449	297	95	726
25	61	267	33	450	297	95	727

Pepacton Reservoir (P):	Available storage Aug. 26, 2002 (0800)	98.721 billion gals. 70.4% (elev. 1,255.45 ft.)
	Spillway crest elevation 1,280.00 ft.	140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Aug. 26, 2002 (0800)	48.003 billion gals. 50.2 % (elev. 1,114.07 ft.)
	Spillway crest elevation 1,150.00 ft.	95.706 billion gallons.
Neversink Reservoir (N):	Available storage Aug. 26, 2002 (0800)	22.101 billion gals. 63.3 % (elev. 1,410.73 ft.)
	Spillway crest elevation 1,440.00 ft.	34.941 billion gallons.
Combined contents, PCN:	Available storage Aug. 26, 2002 (0800)	168.825 billion gals. 62.3 %
	Combined capacity at spillway level	270.837 billion gallons.
Lake Wallenpaupack:	Available storage Aug. 25, 2002 (2400)	19.436 billion gals. 54.8 % (elev. 1,181.3 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 ²	Total Discharge	Precipitation	
	Directed release ¹	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			(inches)	
									Daily	Cumul.
Aug. 19	1,386	110	1,204	70	0	0	316	1,700	0	.64
20	1,350	110	1,188	53	0	0	379	1,730	.31	.95
21	1,307	94	1,159	53	42	0	382	1,730	0	.95
22	1,364	94	1,216	53	0	124	333	1,820	0	.95
23	1,365	94	1,200	70	0	35	321	1,720	.13	1.08
24	1,251	110	1,072	70	0	74	384	1,710	.64	1.72
25	1,176	110	995	67	0	0	578	1,750	.25	1.97

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, August 19-25, 2002, averaged 94.6 mgd. The average diversion for the 30-day period ending August 25, 2002 was 91.6 mgd and the maximum diversion was 100 mgd on August 6 and 19, 2002.

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Summary river data for August 26 - September 1, 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	
Aug. 26	61	448	34	450	297	115	729
27	61	467	34	449	296	110	730
28	61	485	34	450	296	116	732
29	61	342	34	450	204	0	731
30	61	461	34	450	197	0	730
31	61	626	34	450	197	0	729
Sept. 1	61	405	34	450	198	0	728

Pepacton Reservoir (P):	Available storage Sept. 2, 2002 (0800) Spillway crest elevation 1,280.00 ft.	95.750 billion gals. 68.3% (elev. 1,253.50 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Sept. 2, 2002 (0800) Spillway crest elevation 1,150.00 ft.	43.435 billion gals. 45.4 % (elev. 1,109.96 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Sept. 2, 2002 (0800) Spillway crest elevation 1,440.00 ft.	21.641 billion gals. 61.9 % (elev. 1,409.54 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Sept. 2, 2002 (0800) Combined capacity at spillway level	160.826 billion gals. 59.4 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Sept. 1, 2002 (2400) Spillway crest elevation 1,190.00 ft.	18.370 billion gals. 51.7 % (elev. 1,180.7 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 ²	Total Discharge	Precipitation	
	Directed release ¹	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			(inches)	
									Daily	Cumul.
Aug. 26	1,333	97	1,183	53	0	28	479	1,840	0	1.97
27	549	94	413	51	421	0	651	1,630	0	1.97
28	841	94	693	53	405	0	295	1,540	0	1.97
29	871	94	722	53	419	0	602	1,890	.49	2.46
30	896	94	750	53	386	0	837	2,120	.52	2.98
31	676	94	529	53	420	0	844	1,940	0	2.98
Sept. 1	862	94	713	53	0	0	540	1,400	0	0

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, August 26 - September 1, 2002, averaged 90.4 mgd. The average diversion for the 30-day period ending September 1, 2002 was 90.4 mgd and the maximum diversion was 100 mg on August 6 and 19, 2002.