

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA.
Web address: <http://water.usgs.gov/orh/nrwww/public/odrm>
 Summary river data for July 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 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	
July 1	84	257	78	282	297	150	519
2	84	325	76	281	297	119	524
3	84	326	56	284	297	151	530
4	71	226	45	453	297	96	540
5	61	289	45	453	297	120	549
6	61	195	44	453	296	117	558
7	61	260	58	452	296	121	566

Pepacton Reservoir (P):	Available storage July 8, 2002 (0800) Spillway crest elevation 1,280.00 ft.	121.265 billion gals. 86.5 % (elev. 1,269.34 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage July 8, 2002 (0800) Spillway crest elevation 1,150.00 ft.	83.836 billion gals. 87.6 % (elev. 1,142.05 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage July 8, 2002 (0800) Spillway crest elevation 1,440.00 ft.	29.638 billion gals. 84.8 % (elev. 1,428.77 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage July 8, 2002 (0800) Combined capacity at spillway level	234.739 billion gals. 86.7 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage July 7, 2002 (2400) Spillway crest elevation 1,190.00 ft.	26.132 billion gals. 73.7 % (elev. 1,185.0 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 ²	Total Discharge	Precipitation	
	Directed release ¹	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			(inches)	
									Daily	Cumul.
July 1	0	94	198	85	0	138	2,055	2,570	0	0
2	0	108	300	114	604	404	1,750	3,280	0	0
3	0	125	398	121	620	461	1,575	3,300	0	0
4	0	130	503	118	487	35	1,557	2,830	0	0
5	0	130	504	87	498	50	1,361	2,630	0	0
6	0	130	350	70	655	18	1,297	2,520	0	0
7	119	110	447	70	408	0	1,195	2,230	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, July 1-7, 2002, averaged 95.1 mgd. The average diversion for the 30-day period ending July 7, 2002 was 93.1 mgd and the maximum diversion was 99 mgd on July 7, 2002.

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Summary river data for July 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 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	
July 8	66	259	56	453	297	153	575
9	63	195	44	454	297	180	584
10	61	165	34	453	297	48	590
11	61	128	34	453	297	127	597
12	61	363	34	453	298	208	605
13	61	355	45	453	298	130	612
14	61	195	45	453	298	50	616

Pepacton Reservoir (P):	Available storage July 15, 2002 (0800) Spillway crest elevation 1,280.00 ft.	118.158 billion gals. 84.3 % (elev. 1,267.51 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage July 15, 2002 (0800) Spillway crest elevation 1,150.00 ft.	80.488 billion gals. 84.1 % (elev. 1,139.72 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage July 15, 2002 (0800) Spillway crest elevation 1,440.00 ft.	28.685 billion gals. 82.1 % (elev. 1,426.63 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage July 15, 2002 (0800) Combined capacity at spillway level	227.331 billion gals. 83.9 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage July 14, 2002 (2400) Spillway crest elevation 1,190.00 ft.	24.672 billion gals. 69.6 % (elev. 1,184.2 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.
July 8	187	94	302	68	409	0	1,097	1,970	0	0
9	170	94	402	90	495	60	949	2,090	0	0
10	307	94	401	87	515	18	1,095	2,210	.33	.33
11	230	102	302	68	656	32	1,090	2,250	0	.33
12	307	97	255	53	551	0	984	1,940	0	.33
13	278	94	198	53	466	0	999	1,810	0	.33
14	710	94	562	53	0	71	690	1,470	0	.33

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, July 8-14, 2002, averaged 99.3 mgd. The average diversion for the 30-day period ending July 14, 2002 was 94.9 mgd and the maximum diversion was 100 mg on July 8, 10, and 14, 2002.

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Summary river data for July 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 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	
July 15	70	194	45	454	298	145	622
16	82	259	58	453	298	159	629
17	81	254	58	454	297	228	636
18	81	260	58	454	297	160	642
19	70	470	45	453	253	213	647
20	61	482	45	453	298	95	651
21	71	371	58	453	298	55	654

Pepacton Reservoir (P):	Available storage July 22, 2002 (0800) Spillway crest elevation 1,280.00 ft.	114.878 billion gals. 81.9 % (elev. 1,265.55 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage July 22, 2002 (0800) Spillway crest elevation 1,150.00 ft.	76.730 billion gals. 80.2 % (elev. 1,137.00 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage July 22, 2002 (0800) Spillway crest elevation 1,440.00 ft.	27.524 billion gals. 78.8 % (elev. 1,423.97 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage July 22, 2002 (0800) Combined capacity at spillway level	219.132 billion gals. 80.9 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage July 21, 2002 (2400) Spillway crest elevation 1,190.00 ft.	22.665 billion gals. 63.9 % (elev. 1,183.1 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.
July 15	714	94	549	70	83	35	699	1,530	0	.33
16	140	94	302	70	641	0	843	1,950	0	.33
17	171	94	300	70	509	103	724	1,800	0	.33
18	51	108	401	90	593	167	581	1,940	0	.33
19	532	127	393	90	532	18	660	1,820	0	.33
20	420	125	402	90	520	0	793	1,930	.31	.64
21	922	125	727	70	334	0	674	1,930	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, July 15-21, 2002, averaged 95.4 mgd. The average diversion for the 30-day period ending July 21, 2002 was 95.7 mgd and the maximum diversion was 100 mg on July 8, 10, and 14, 2002.

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Summary river data for July 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			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	
July 22	71	318	58	454	298	242	661
23	64	402	45	452	298	259	667
24	61	273	34	452	274	0	669
25	61	316	34	452	297	11	670
26	66	621	45	451	288	27	672
27	71	560	58	451	297	0	673
28	71	298	58	451	297	0	675

Pepacton Reservoir (P):	Available storage July 29, 2002 (0800) Spillway crest elevation 1,280.00 ft.	111.873 billion gals. 79.8 % (elev. 1,263.73 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage July 29, 2002 (0800) Spillway crest elevation 1,150.00 ft.	72.245 billion gals. 75.5 % (elev. 1,133.70 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage July 29, 2002 (0800) Spillway crest elevation 1,440.00 ft.	26.808 billion gals. 76.7 % (elev. 1,422.30 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage July 29, 2002 (0800) Combined capacity at spillway level	210.926 billion gals. 77.9 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage July 28, 2002 (2400) Spillway crest elevation 1,190.00 ft.	21.407 billion gals. 60.4 % (elev. 1,182.4 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.
July 22	926	108	746	70	251	0	725	1,900	0	.64
23	745	94	574	90	407	0	765	1,930	0	.64
24	636	110	492	90	453	0	825	1,970	.72	1.36
25	801	110	622	70	435	0	893	2,130	.01	1.37
26	574	99	422	53	433	0	923	1,930	.03	1.40
27	638	94	489	53	360	71	603	1,670	.04	1.44
28	1,126	94	961	70	0	0	615	1,740	0	1.44

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, July 22-28, 2002, averaged 96.9 mgd. The average diversion for the 30-day period ending July 28, 2002 was 96.6 mgd and the maximum diversion was 100 mg on July 8, 10, 14, and 22, 2002.

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Summary river data for July 29 - August 4, 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	
July 29	71	359	58	454	297	69	677
30	71	375	58	451	297	96	680
31	90	395	71	452	297	94	682
Aug. 1	103	382	81	452	297	145	686
2	85	625	71	139	91	35	679
3	74	648	45	131	96	0	672
4	71	545	49	450	298	96	675

Pepacton Reservoir (P):	Available storage Aug. 5, 2002 (0800)	109.024 billion gals. 77.8 % (elev. 1,261.98 ft.)
	Spillway crest elevation 1,280.00 ft.	140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Aug. 5, 2002 (0800)	67.556 billion gals. 70.6 % (elev. 1,130.16 ft.)
	Spillway crest elevation 1,150.00 ft.	95.706 billion gallons.
Neversink Reservoir (N):	Available storage Aug. 5, 2002 (0800)	25.921 billion gals. 74.2 % (elev. 1,420.20 ft.)
	Spillway crest elevation 1,440.00 ft.	34.941 billion gallons.
Combined contents, PCN:	Available storage Aug. 5, 2002 (0800)	202.501 billion gals. 74.8 %
	Combined capacity at spillway level	270.837 billion gallons.
Lake Wallenpaupack:	Available storage Aug. 4, 2002 (2400)	20.152 billion gals. 56.8 % (elev. 1,181.7 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.
July 29	1,057	102	866	90	0	89	633	1,780	.02	1.46
30	657	110	461	90	390	113	756	1,920	0	1.46
31	717	110	517	90	336	35	634	1,760	0	1.46
Aug. 1	779	110	580	90	351	0	599	1,730	0	0
2	830	110	611	110	387	0	602	1,820	0	0
3	856	139	591	125	342	0	583	1,780	.15	.15
4	1,237	159	967	110	0	0	534	1,770	0	.15

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, July 22 - August 4, 2002, averaged 94.1 mgd. The average diversion for the 30-day period ending August 4, 2002 was 96.4 mgd and the maximum diversion was 100 mgd on July 8, 10, 14 and 22, 2002.