

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA.

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

Summary river data for August 6 - 12, 2007 (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 June 1, 2007 to date
	release begin 1200	release end 2400	release begin 1500	beginning 0800	beginning 0800	beginning 0800	
Aug. 6	100	286	110	499	199	0	725
7	99	295	94	501	293	0	726
8	112	245	60	501	298	0	727
9	114	197	59	500	298	0	728
10	81	179	45	501	298	0	729
11	85	161	62	501	298	0	730
12	98	212	80	500	298	0	731

Pepacton Reservoir (P):	Available storage Aug. 13, 2007 (0800) Spillway crest elevation 1,280.00 ft.	114.031 billion gals. 81.3 % (elev. 1,265.04 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Aug. 13, 2007 (0800) Spillway crest elevation 1,150.00 ft.	65.472 billion gals. 68.4 % (elev. 1,128.53 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Aug. 13, 2007 (0800) Spillway crest elevation 1,440.00 ft.	27.584 billion gals. 78.9 % (elev. 1,424.11 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Aug. 13, 2007 (0800) Combined capacity at spillway level.	207.087 billion gals. 76.5 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Aug. 12, 2007 (2400) Spillway crest elevation 1,190.00 ft.	20.511 billion gals. 57.9 % (elev. 1,181.9 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	Excess Release Credits <sup>3</sup>		Precipitation (inches)	
	Directed release <sup>1</sup>	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			Daily	Cumul.	Daily	Cumul.
	Aug. 6	1,059	193	701	170	0	0	896	1,960	123	5,718	.05
7	731	155	475	155	323	0	882	1,990	*expended*	0	0	.41
8	666	155	442	170	327	0	1,176	2,270	--	--	.87	1.28
9	706	155	456	145	351	0	1,773	2,880	--	--	.01	1.29
10	354	153	379	93	293	0	2,502	3,420	--	--	1.05	2.34
11	68	173	305	91	435	0	3,406	4,410	--	--	.28	2.62
12	187	176	277	70	0	0	2,957	3,480	--	--	0	2.62

1. Release directed to maintain a flow at Montague of 1,800 cfs on August 6 - 9, 2007 and 1,750 cfs on August 10 - 12, 2007.

2. Includes conservation release from Rio Reservoir.

3. The excess-release quantity for the seasonal period beginning June 15, 2007 is 11,418 cfs-days. Unless banked or release suspended by the Decree Parties, 5,718 cfs-days are to be released to the lower basin. A total of 5,700 cfs-days are to be used for an upper basin habitat protection bank per DRBC Docket No. D-77-20 CP, Revision 7.

Diversions by New Jersey through the Delaware and Raritan Canal August 6 - 12, 2007, averaged 98.4 mgd. The average diversion for the 30-day period ending August 12, 2007 was 99.5 mgd and the maximum daily diversion was 105 mgd on July 14, 2007.

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Summary river data for August 13 - 19, 2007 (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 June 1, 2007 to date
	release begin 1200	release end 2400	release begin 1500	beginning 0800	beginning 0800	beginning 0800	
Aug. 13	100	238	80	281	298	0	729
14	84	239	75	500	298	0	729
15	84	239	72	500	298	0	730
16	94	221	70	454	210	0	729
17	94	424	75	444	196	0	728
18	95	347	75	448	198	0	727
19	94	241	75	448	198	0	726

Pepacton Reservoir (P):	Available storage Aug. 20, 2007 (0800) Spillway crest elevation 1,280.00 ft.	111.301 billion gals. 79.4 % (elev. 1,263.38 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Aug. 20, 2007 (0800) Spillway crest elevation 1,150.00 ft.	62.670 billion gals. 65.5 % (elev. 1,126.33 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Aug. 20, 2007 (0800) Spillway crest elevation 1,440.00 ft.	27.249 billion gals. 78.0 % (elev. 1,423.33 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Aug. 20, 2007 (0800) Combined capacity at spillway level.	201.220 billion gals. 74.3 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Aug. 19, 2007 (2400) Spillway crest elevation 1,190.00 ft.	20.152 billion gals. 56.8 % (elev. 1,181.7 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 (inches)	
	Directed release <sup>1</sup>	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			Daily	Cumul.
	Aug. 13	438	125	249	96	0	0	2,230	2,700	0
14	0	131	328	124	484	0	1,733	2,800	0	2.62
15	0	152	368	124	434	0	1,422	2,500	0	2.62
16	83	155	370	116	555	18	1,276	2,490	0	2.62
17	306	130	370	111	633	195	1,091	2,530	.16	2.78
18	491	130	342	108	325	0	1,115	2,020	.06	2.84
19	921	145	656	116	7	0	1,116	2,040	0	2.84

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

2. Includes conservation release from Rio Reservoir.

Diversions by New Jersey through the Delaware and Raritan Canal August 13 - 19, 2007, averaged 94.9 mgd. The average diversion for the 30-day period ending August 19, 2007 was 98.1 mgd and the maximum daily diversion was 103 mgd on August 2, 2007.

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Summary river data for August 20 - 26, 2007 (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 June 1, 2007 to date
	release begin 1200	release end 2400	release begin 1500	beginning 0800	beginning 0800	beginning 0800	
Aug. 20	90	291	75	444	198	0	725
21	90	215	70	448	197	0	724
22	90	136	70	451	198	0	723
23	110	129	70	451	198	0	722
24	101	281	81	411	198	0	721
25	108	300	90	404	198	0	720
26	100	293	77	404	199	0	718

Pepacton Reservoir (P):	Available storage Aug. 27, 2007 (0800) Spillway crest elevation 1,280.00 ft.	108.669 billion gals. 77.5 % (elev. 1,261.76 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Aug. 27, 2007 (0800) Spillway crest elevation 1,150.00 ft.	60.744 billion gals. 63.5 % (elev. 1,124.81 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Aug. 27, 2007 (0800) Spillway crest elevation 1,440.00 ft.	26.979 billion gals. 77.2 % (elev. 1,422.70 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Aug. 27, 2007 (0800) Combined capacity at spillway level.	196.392 billion gals. 72.5 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Aug. 26, 2007 (2400) Spillway crest elevation 1,190.00 ft.	19.615 billion gals. 55.3 % (elev. 1,181.4 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 <sup>2</sup>	Total Discharge	Precipitation (inches)	
	Directed release <sup>1</sup>	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			Daily	Cumul.
	Aug. 20	799	145	537	116	0	0	1,032	1,830	0
21	632	147	373	116	268	0	1,236	2,140	.38	3.22
22	713	145	450	116	608	0	1,621	2,940	.57	3.79
23	578	139	333	108	476	0	1,604	2,660	.01	3.80
24	269	139	210	108	560	0	1,483	2,500	.02	3.82
25	166	139	200	108	619	0	1,304	2,370	.03	3.85
26	726	170	435	125	393	0	1,087	2,210	.04	3.89

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

2. Includes conservation release from Rio Reservoir.

Diversions by New Jersey through the Delaware and Raritan Canal August 20 - 26, 2007, averaged 97.9 mgd. The average diversion for the 30-day period ending August 26, 2007 was 98.0 mgd and the maximum daily diversion was 105 mgd on August 24, 2007.

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Summary river data for August 27 - September 2, 2007 (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 June 1, 2007 to date
	release begin 1200	release end 2400	release begin 1500	beginning 0800	beginning 0800	beginning 0800	
Aug. 27	95	265	75	401	199	0	717
28	95	270	75	400	273	0	717
29	95	272	75	402	299	0	716
30	100	330	75	402	298	0	716
31	100	605	80	501	266	0	717
Sept. 1	100	572	80	315	152	0	714
2	100	567	80	491	264	0	715

Pepacton Reservoir (P):	Available storage Sept. 3, 2007 (0800) Spillway crest elevation 1,280.00 ft.	105.589 billion gals. 75.3 % (elev. 1,259.84 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Sept. 3, 2007 (0800) Spillway crest elevation 1,150.00 ft.	56.202 billion gals. 58.7 % (elev. 1,121.09 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Sept. 3, 2007 (0800) Spillway crest elevation 1,440.00 ft.	26.570 billion gals. 76.0 % (elev. 1,421.74 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Sept. 3, 2007 (0800) Combined capacity at spillway level.	188.361 billion gals. 69.5 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Sept. 2, 2007 (2400) Spillway crest elevation 1,190.00 ft.	19.077 billion gals. 53.8 % (elev. 1,181.1 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 (inches)	
	Directed release <sup>1</sup>	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			Daily	Cumul.
	Aug. 27	447	156	464	139	410	0	1,071	2,240	0
28	381	167	453	119	417	0	974	2,130	0	3.89
29	458	155	410	116	295	0	914	1,890	0	3.89
30	604	147	418	116	336	0	843	1,860	0	3.89
31	678	147	421	116	303	0	793	1,780	0	3.89
Sept. 1	772	147	511	116	426	0	730	1,930	0	0
2	1,220	155	936	124	0	0	635	1,850	0	0

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

2. Includes conservation release from Rio Reservoir.

Diversions by New Jersey through the Delaware and Raritan Canal August 27 - September 2, 2007, averaged 99.4 mgd. The average diversion for the 30-day period ending September 2, 2007 was 97.7 mgd and the maximum daily diversion was 105 mgd on August 24, 2007.