

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA.

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

Summary river data for July 5 - 11, 2004 (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, 2004 to date
	release begin 1200	release end 2400	release begin 1500	beginning 0800	beginning 0800	beginning 0800	
July 5	120	397	67	452	296	95	760
6	110	417	57	452	220	106	761
7	116	290	64	300	197	106	757
8	117	204	64	297	195	106	752
9	117	506	71	300	197	105	749
10	117	452	71	300	197	106	745
11	117	292	71	300	196	106	741

Pepacton Reservoir (P):	Available storage July 12, 2004 (0800) Spillway crest elevation 1,280.00 ft.	129.483 billion gals. 92.4 % (elev. 1,274.07 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage July 12, 2004 (0800) Spillway crest elevation 1,150.00 ft.	83.678 billion gals. 87.4 % (elev. 1,141.94 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage July 12, 2004 (0800) Spillway crest elevation 1,440.00 ft.	31.906 billion gals. 91.3 % (elev. 1,433.70 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage July 12, 2004 (0800) Combined capacity at spillway level.	245.067 billion gals. 90.5 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage July 11, 2004 (2400) Spillway crest elevation 1,190.00 ft.	26.862 billion gals. 75.8 % (elev. 1,185.4 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	Excess Release Credits ³		Precipitation (inches)	
	Directed release ¹	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			Daily	Cumul.	Daily	Cumul.
	July 5	1,030	186	739	104	0	0	711	1,740	-10	1,402	.01
6	1,107	186	818	104	1	0	681	1,790	40	1,442	.37	.41
7	903	186	614	104	337	43	866	2,150	400	1,842	0	.41
8	920	186	645	88	457	0	954	2,330	580	2,422	.21	.62
9	718	170	449	99	280	0	1,222	2,220	470	2,892	.01	.63
10	544	179	316	99	378	71	1,037	2,080	330	3,222	0	.63
11	1,074	181	783	110	0	0	796	1,870	120	3,342	0	.63

1. Release directed to maintain a flow at Montague of 1,820 cfs.

2. Includes conservation release of 100 cfs from Rio Reservoir.

3. The excess-release quantity for the seasonal period beginning June 15, 2004 is 13,556 cfs-days. Under normal conditions, 7,856 cfs-days are to be released and 5,700 cfs-days are to be used for a habitat bank per DRBC Docket No. D-77-20 CP, Revision 7.

Diversions by New Jersey through the Delaware & Raritan Canal July 5 - 11, 2004 averaged 93.1 mgd. The average diversion for the 30-day period ending July 11, 2004 was 89.8 mgd and the maximum diversion during the period was 95 mg on July 5 and 11, 2004.

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Summary river data for July 12 - 18, 2004 (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, 2004 to date
	Pepacton	Cannonsville	Neversink	Pepacton	Cannonsville	Neversink	
	release begin 1200	release end 2400	release begin 1500	beginning 0800	beginning 0800	beginning 0800	
July 12	117	243	71	302	196	97	738
13	117	200	71	303	196	99	735
14	107	200	60	303	196	98	732
15	105	200	60	301	194	147	730
16	105	199	60	303	196	159	728
17	105	200	60	299	194	146	726
18	105	200	60	303	196	146	724

Pepacton Reservoir (P):	Available storage July 19, 2004 (0800) Spillway crest elevation 1,280.00 ft.	127.794 billion gals. 91.2 % (elev. 1,273.11 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage July 19, 2004 (0800) Spillway crest elevation 1,150.00 ft.	82.102 billion gals. 85.8 % (elev. 1,140.85 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage July 19, 2004 (0800) Spillway crest elevation 1,440.00 ft.	31.466 billion gals. 90.1 % (elev. 1,432.76 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage July 19, 2004 (0800) Combined capacity at spillway level.	241.362 billion gals. 89.1 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage July 18, 2004 (2400) Spillway crest elevation 1,190.00 ft.	26.315 billion gals. 74.2 % (elev. 1,185.1 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	Excess Release Credits ³		Precipitation (inches)	
	Directed release ¹	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			Daily	Cumul.	Daily	Cumul.
July 12	1,009	181	699	110	6	0	744	1,740	-10	3,332	0	.63
13	743	181	452	110	250	0	1,017	2,010	260	3,592	.80	1.43
14	665	181	376	110	373	0	1,130	2,170	420	4,012	.02	1.45
15	399	181	309	110	349	0	1,461	2,410	399	4,411	.69	2.14
16	370	181	309	93	290	0	2,577	3,450	370	4,781	.22	2.36
17	358	166	309	93	521	0	2,271	3,360	358	5,139	.15	2.51
18	0	162	308	93	0	0	1,987	2,550	0	5,139	.14	2.65

1. Release directed to maintain a flow at Montague of 1,820 cfs.

2. Includes conservation release of 100 cfs from Rio Reservoir.

3. The excess-release quantity for the seasonal period beginning June 15, 2004 is 13,556 cfs-days. Under normal conditions, 7,856 cfs-days are to be released and 5,700 cfs-days are to be used for a habitat bank per DRBC Docket No. D-77-20 CP, Revision 7.

Diversions by New Jersey through the Delaware & Raritan Canal July 12 - 18, 2004 averaged 89.0 mgd. The average diversion for the 30-day period ending July 18, 2004 was 88.9 mgd and the maximum diversion during the period was 95 mg on July 5 and 11, 2004.

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Summary river data for July 19 - 25, 2004 (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, 2004 to date
	Pepacton	Cannonsville	Neversink	Pepacton	Cannonsville	Neversink	
	release begin 1200	release end 2400	release begin 1500	beginning 0800	beginning 0800	beginning 0800	
July 19	83	202	60	303	196	143	723
20	80	258	60	300	235	188	723
21	88	407	60	302	263	194	723
22	94	375	60	305	243	193	724
23	95	258	53	64	63	68	714
24	106	204	34	0	0	0	701
25	xx	204	xx	0	0	0	688

Pepacton Reservoir (P):	Available storage July 26, 2004 (0800) Spillway crest elevation 1,280.00 ft.	126.831 billion gals. 90.5 % (elev. 1,272.56 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage July 26, 2004 (0800) Spillway crest elevation 1,150.00 ft.	80.557 billion gals. 84.2 % (elev. 1,139.77 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage July 26, 2004 (0800) Spillway crest elevation 1,440.00 ft.	33.823 billion gals. 96.8 % (elev. 1,437.72 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage July 26, 2004 (0800) Combined capacity at spillway level.	241.211 billion gals. 89.1 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage July 25, 2004 (2400) Spillway crest elevation 1,190.00 ft.	25.585 billion gals. 72.2 % (elev. 1,184.7 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	Excess Release Credits ³ Daily Cumul.	Precipitation (inches)		
	Directed release ¹	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir				Daily	Cumul.	
	July 19	0	162	309	93	4				0	2,122	2,690
20	0	162	309	93	286	0	2,750	3,600	0	5,139	.09	3.27
21	0	162	312	93	264	0	2,279	3,110	0	5,139	0	3.27
22	0	128	399	93	279	0	1,871	2,770	0	5,139	0	3.27
23	0	124	630	93	355	0	1,488	2,690	0	5,139	.01	3.28
24	0	136	580	93	299	0	3,532	4,640	0	5,139	.92	4.20
25	0	145	399	82	348	71	3,505	4,550	0	5,139	0	4.20

1. Release directed to maintain a flow at Montague of 1,820 cfs.

2. Includes conservation release of 100 cfs from Rio Reservoir.

3. The excess-release quantity for the seasonal period beginning June 15, 2004 is 13,556 cfs-days. Under normal conditions, 7,856 cfs-days are to be released and 5,700 cfs-days are to be used for a habitat bank per DRBC Docket No. D-77-20 CP, Revision 7.

Diversions by New Jersey through the Delaware & Raritan Canal July 19 - 25, 2004 averaged 92.0 mgd. The average diversion for the 30-day period ending July 25, 2004 was 89.0 mgd and the maximum diversion during the period was 95 mg on July 5, 11, and 25, 2004.

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Summary river data for July 26 - August 1, 2004 (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, 2004 to date	
	Pepacton		Cannonsville		Neversink		Pepacton	Cannonsville		Neversink
	release begin 1200	release end 2400	release begin 1500	spill begin 0800	beginning 0800	beginning 0800	beginning 0800			
July 26	108	204	32	0	0	0	0	0	676	
27	23	120	16	0	0	0	0	129	666	
28	23	41	16	0	0	0	0	355	661	
29	23	40	16	5	0	0	0	354	655	
30	23	40	16	2	0	0	0	386	651	
31	23	40	16	0	0	0	0	388	647	
Aug. 1	23	40	16	0	0	0	0	382	642	

Pepacton Reservoir (P):	Available storage Aug. 2, 2004 (0800) Spillway crest elevation 1,280.00 ft.	131.915 billion gals. 94.1 % (elev. 1,275.44 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Aug. 2, 2004 (0800) Spillway crest elevation 1,150.00 ft.	88.042 billion gals. 92.0 % (elev. 1,144.96 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Aug. 2, 2004 (0800) Spillway crest elevation 1,440.00 ft.	34.665 billion gals. 99.2 % (elev. 1,439.44 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Aug. 2, 2004 (0800) Combined capacity at spillway level.	254.622 billion gals. 94.0 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Aug. 1, 2004 (2400) Spillway crest elevation 1,190.00 ft.	23.760 billion gals. 67.0 % (elev. 1,183.7 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	Excess Release Credits ³ Daily Cumul.	Precipitation (inches)		
	Directed release ¹	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir				Daily	Cumul.	
												Daily
July 26	0	147	316	53	398	89	2,387	3,390	0	5,139	0	4.20
27	0	164	316	53	498	57	1,922	3,010	0	5,139	.24	4.44
28	0	170	316	50	1,113	0	9,151	10,800	0	5,139	1.43	5.87
29	0	167	186	25	703	184	10,635	11,900	0	5,139	.19	6.06
30	0	36	63	25	807	330	8,659	9,920	0	5,139	0	6.06
31	0	36	62	25	742	113	5,452	6,430	0	5,139	.06	6.12
Aug. 1	0	36	62	25	501	0	4,446	5,070	0	5,139	.26	.26

1. Release directed to maintain a flow at Montague of 1,820 cfs.

2. Includes conservation release of 100 cfs from Rio Reservoir.

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Diversions by New Jersey through the Delaware & Raritan Canal July 26 - August 1, 2004 averaged 89.9 mgd. The average diversion for the 30-day period ending August 1, 2004 was 90.5 mgd and the maximum diversion during the period was 95 mgd on July 5, 11, 25, 26, and 31, 2004.