

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA.

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

Summary river data for June 28 - July 4, 2010 (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, 2010 to date
	release begin 1200	release end 2400	release begin 1500	beginning 0800	beginning 0800	beginning 0800	
June 28	90	269	65	450	199	0	619
29	90	269	65	449	198	0	620
30	90	245	65	449	198	322	632
July 1	90	210	92	450	198	190	638
2	90	51	68	450	198	101	642
3	90	340	65	450	198	0	642
4	103	222	65	450	198	0	642

Pepacton Reservoir (P):	Available storage July 5, 2010 (0800) Spillway crest elevation 1,280.00 ft.	125.714 billion gals. 89.7 % (elev. 1,271.92 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage July 5, 2010 (0800) Spillway crest elevation 1,150.00 ft.	83.807 billion gals. 87.6 % (elev. 1,142.03 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage July 5, 2010 (0800) Spillway crest elevation 1,440.00 ft.	32.815 billion gals. 93.9 % (elev. 1,435.62 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage July 5, 2010 (0800) Combined capacity at spillway level.	242.336 billion gals. 89.5 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage July 4, 2010 (2400) Spillway crest elevation 1,190.00 ft.	25.037 billion gals. 70.6 % (elev. 1,184.4 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 (inches)	
	Directed release ¹	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			Daily	Cumul.
	June 28	0	138	418	101	209	0	1,114	1,980	.02
29	0	139	415	101	431	0	1,084	2,170	.05	3.94
30	0	139	416	101	231	160	983	2,030	0	3.94
July 1	229	139	416	101	175	142	917	1,890	0	0
2	295	139	379	101	312	n.a.	n.a.	1,800	0	0
3	614	139	325	142	255	n.a.	n.a.	1,720	0	0
4	1,017	139	775	105	270	n.a.	n.a.	1,990	0	0

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

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

3. NOTE: n.a. means data are currently unavailable.

Diversions by New Jersey through the D&R Canal June 28 - July 4, 2010 averaged 93.9 mgd. The average diversion for the 30-day period ending July 4, 2010 was 87.5 mgd and the maximum diversion during the period was 99 mg on June 25, 2010.

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Summary river data for July 5 - 11, 2010 (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, 2010 to date
	release begin 1200	release end 2400	release begin 1500	beginning 0800	beginning 0800	beginning 0800	
July 5	116	237	65	449	198	6	643
6	114	331	65	444	198	115	646
7	90	332	65	446	197	93	648
8	90	339	64	449	199	100	651
9	90	337	66	449	199	101	653
10	90	211	65	449	199	107	656
11	90	210	65	449	199	0	656

Pepacton Reservoir (P):	Available storage July 12, 2010 (0800) Spillway crest elevation 1,280.00 ft.	123.032 billion gals. 87.8 % (elev. 1,270.37 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage July 12, 2010 (0800) Spillway crest elevation 1,150.00 ft.	81.018 billion gals. 84.7 % (elev. 1,140.10 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage July 12, 2010 (0800) Spillway crest elevation 1,440.00 ft.	32.090 billion gals. 91.8 % (elev. 1,434.09 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage July 12, 2010 (0800) Combined capacity at spillway level.	236.140 billion gals. 87.2 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage July 11, 2010 (2400) Spillway crest elevation 1,190.00 ft.	23.030 billion gals. 65.0 % (elev. 1,183.3 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 (inches)	
	Directed release ¹	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			Daily	Cumul.
	July 5	765	139	526	101	370	0	734	1,870	0
6	589	139	343	101	510	71	736	1,900	0	0
7	624	159	367	101	404	230	689	1,950	0	0
8	800	179	512	101	477	195	576	2,040	0	0
9	774	176	514	101	457	0	612	1,860	.40	.40
10	646	139	524	99	560	0	788	2,110	.27	.67
11	0	139	521	102	150	71	1,047	2,030	.19	.86

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

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

During July 7 - 9, 2010, a total of 329 cfs-days of the IERQ Extraordinary Needs Bank was released from Cannonsville Reservoir for emergency fishery protection.

Diversions by New Jersey through the D&R Canal July 5 - 11, 2010 averaged 90.0 mgd. The average diversion for the 30-day period ending July 11, 2010 was 89.8 mgd and the maximum diversion during the period was 99 mgd on June 25, 2010.

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Summary river data for July 12 - 18, 2010 (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, 2010 to date
	release begin 1200	release end 2400	release begin 1500	beginning 0800	beginning 0800	beginning 0800	
July 12	90	210	65	449	199	99	658
13	90	210	65	449	198	105	660
14	90	247	65	449	198	104	662
15	90	210	65	449	198	105	664
16	90	354	65	450	198	105	666
17	90	366	65	450	198	0	666
18	89	345	65	450	198	2	665

Pepacton Reservoir (P):	Available storage July 19, 2010 (0800) Spillway crest elevation 1,280.00 ft.	120.157 billion gals. 85.7 % (elev. 1,268.69 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage July 19, 2010 (0800) Spillway crest elevation 1,150.00 ft.	78.249 billion gals. 81.8 % (elev. 1,138.10 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage July 19, 2010 (0800) Spillway crest elevation 1,440.00 ft.	31.341 billion gals. 89.7 % (elev. 1,432.49 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage July 19, 2010 (0800) Combined capacity at spillway level.	229.747 billion gals. 84.8 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage July 18, 2010 (2400) Spillway crest elevation 1,190.00 ft.	21.586 billion gals. 60.9 % (elev. 1,182.5 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 (inches)	
	Directed release ¹	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			Daily	Cumul.
	July 12	0	139	326	101	245	0	1,029	1,840	0
13	331	139	325	101	406	0	889	1,860	.09	.95
14	191	139	325	101	342	89	834	1,830	.35	1.30
15	324	139	325	101	316	89	810	1,780	.11	1.41
16	626	139	382	101	294	113	761	1,790	0	1.41
17	274	139	325	101	466	131	728	1,890	.07	1.48
18	791	139	548	101	195	0	627	1,610	0	1.48

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

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

Diversions by New Jersey through the D&R Canal July 12 - 18, 2010 averaged 78.1 mgd. The average diversion for the 30-day period ending July 18, 2010 was 89.1 mgd and the maximum diversion during the period was 99 mgd on June 25, 2010.

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Summary river data for July 19 - 25, 2010 (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, 2010 to date
	release begin 1200	release end 2400	release begin 1500	beginning 0800	beginning 0800	beginning 0800	
July 19	89	320	65	450	199	145	668
20	90	292	65	450	198	143	670
21	90	293	65	416	198	141	672
22	90	251	65	400	198	142	673
23	90	212	65	400	198	139	675
24	90	212	65	400	198	0	673
25	90	212	65	400	198	0	672

Pepacton Reservoir (P):	Available storage July 26, 2010 (0800) Spillway crest elevation 1,280.00 ft.	117.972 billion gals. 84.2 % (elev. 1,267.40 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage July 26, 2010 (0800) Spillway crest elevation 1,150.00 ft.	76.219 billion gals. 79.6 % (elev. 1,136.63 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage July 26, 2010 (0800) Spillway crest elevation 1,440.00 ft.	30.487 billion gals. 87.3 % (elev. 1,430.65 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage July 26, 2010 (0800) Combined capacity at spillway level.	224.678 billion gals. 83.0 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage July 25, 2010 (2400) Spillway crest elevation 1,190.00 ft.	20.690 billion gals. 58.4 % (elev. 1,182.0 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 (inches)	
	Directed release ¹	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			Daily	Cumul.
	July 19	805	139	566	101	234	0	730	1,770	.11
20	774	139	534	101	328	0	798	1,900	.44	2.03
21	736	138	495	101	268	0	798	1,800	0	2.03
22	696	138	452	101	218	0	851	1,760	.50	2.53
23	695	139	453	101	192	0	1,275	2,160	.01	2.54
24	627	139	388	101	353	106	1,673	2,760	1.15	3.69
25	200	139	328	101	118	0	1,934	2,620	.16	3.85

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

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

Diversions by New Jersey through the D&R Canal July 19 - 25, 2010 averaged 89.1 mgd. The average diversion for the 30-day period ending July 25, 2010 was 88.2 mgd and the maximum diversion during the period was 97 mg on June 27, 28, 2010.