

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA.

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

Summary river data for October 1 - 7, 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	
Oct. 1	55	664	45	0	289	82	716
2	55	693	45	0	296	123	713
3	55	708	45	311	296	109	713
4	55	711	45	498	293	0	714
5	55	794	45	500	195	0	714
6	55	801	45	500	194	0	713
7	55	804	45	456	178	0	713

Pepacton Reservoir (P):	Available storage Oct. 8, 2007 (0800) Spillway crest elevation 1,280.00 ft.	94.725 billion gals. 67.6 % (elev. 1,252.82 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Oct. 8, 2007 (0800) Spillway crest elevation 1,150.00 ft.	42.973 billion gals. 44.9 % (elev. 1,109.52 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Oct. 8, 2007 (0800) Spillway crest elevation 1,440.00 ft.	22.630 billion gals. 64.8 % (elev. 1,412.09 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Oct. 8, 2007 (0800) Combined capacity at spillway level.	160.328 billion gals. 59.2 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Oct. 7, 2007 (2400) Spillway crest elevation 1,190.00 ft.	16.610 billion gals. 46.9 % (elev. 1,179.7 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 (inches)	
	Directed release ¹	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			Daily	Cumul.
	Oct. 1	1,190	162	891	131	0	0	636	1,820	0
2	1,197	162	888	131	0	0	609	1,790	0	0
3	1,208	114	1,027	70	0	0	569	1,780	0	0
4	1,230	85	1,072	70	0	0	533	1,760	0	0
5	1,252	85	1,095	70	0	0	510	1,760	0	0
6	1,258	85	1,100	70	0	0	515	1,770	0	0
7	1,389	85	1,228	70	0	0	477	1,860	.13	.13

1. Release directed to maintain a flow at Montague of 1,750 cfs. Directed release on October 7 includes an additional 100 cfs to support the Trenton flow objective.

2. Includes conservation release from Rio Reservoir.

Diversions by New Jersey through the Delaware and Raritan Canal October 1 - 7, 2007, averaged 91.1 mgd. The average diversion for the 30-day period ending October 7, 2007 was 89.8 mgd and the maximum daily diversion was 96 mg on September 8, 9, and 10, 2007.

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Summary river data for October 8 - 14, 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	
Oct. 8	55	753	45	393	162	0	712
9	54	565	45	500	245	0	712
10	54	395	45	500	196	0	712
11	40	161	45	500	19	0	710
12	40	56	29	501	0	0	709
13	40	52	29	501	0	0	707
14	40	52	29	500	0	0	706

Pepacton Reservoir (P):	Available storage Oct. 15, 2007 (0800) Spillway crest elevation 1,280.00 ft.	93.557 billion gals. 66.7 % (elev. 1,252.04 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Oct. 15, 2007 (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 Oct. 15, 2007 (0800) Spillway crest elevation 1,440.00 ft.	22.713 billion gals. 65.0 % (elev. 1,412.30 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Oct. 15, 2007 (0800) Combined capacity at spillway level.	159.705 billion gals. 59.0 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Oct. 14, 2007 (2400) Spillway crest elevation 1,190.00 ft.	15.378 billion gals. 43.4 % (elev. 1,179.0 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.
	Oct. 8	1,394	85	1,239	70	0	0	496	1,890	0
9	1,405	85	1,244	70	0	0	541	1,940	.14	.27
10	1,319	85	1,165	70	0	0	990	2,310	1.41	1.68
11	1,027	85	874	70	0	0	1,701	2,730	.32	2.00
12	765	84	611	70	196	0	4,019	4,980	1.58	3.58
13	403	84	249	70	0	0	4,807	5,210	.01	3.59
14	0	62	87	45	0	0	3,156	3,350	0	3.59

1. Release directed to maintain a flow at Montague of 1,750 cfs. Directed releases on October 8 - 11 include an additional 100 cfs to support the Trenton flow objective.

2. Includes conservation release from Rio Reservoir.

Diversions by New Jersey through the Delaware and Raritan Canal October 8 - 14, 2007, averaged 91.6 mgd. The average diversion for the 30-day period ending October 14, 2007 was 89.3 mgd and the maximum daily diversion was 96 mgd on October 10, 2007.

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Summary river data for October 15 - 21, 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	
Oct. 15	39	52	29	500	0	0	704
16	39	53	29	500	0	0	703
17	39	131	29	500	0	0	701
18	39	54	29	500	0	48	700
19	38	52	29	500	0	0	699
20	39	219	29	500	0	0	697
21	39	58	29	500	0	0	696

Pepacton Reservoir (P):	Available storage Oct. 22, 2007 (0800) Spillway crest elevation 1,280.00 ft.	92.620 billion gals. 66.1 % (elev. 1,251.41 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Oct. 22, 2007 (0800) Spillway crest elevation 1,150.00 ft.	45.390 billion gals. 47.4 % (elev. 1,111.72 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Oct. 22, 2007 (0800) Spillway crest elevation 1,440.00 ft.	23.219 billion gals. 66.5 % (elev. 1,413.58 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Oct. 22, 2007 (0800) Combined capacity at spillway level.	161.229 billion gals. 59.5 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Oct. 21, 2007 (2400) Spillway crest elevation 1,190.00 ft.	16.258 billion gals. 45.9 % (elev. 1,179.5 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.
	Oct. 15	0	62	80	45	0	0	2,353	2,540	0
16	0	62	80	45	0	0	1,933	2,120	0	3.59
17	0	62	80	45	0	0	1,643	1,830	0	3.59
18	108	60	82	45	0	0	1,423	1,610	0	3.59
19	304	60	203	45	9	0	1,233	1,550	0	3.59
20	0	60	84	45	0	0	2,151	2,340	.99	4.58
21	0	60	80	45	0	0	3,265	3,450	.01	4.59

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 October 15 - 21, 2007, averaged 89.7 mgd. The average diversion for the 30-day period ending October 21, 2007 was 89.9 mgd and the maximum daily diversion was 96 mgd on October 10, 2007.

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Summary river data for October 22 - 28, 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	
Oct. 22	39	52	29	500	0	0	695
23	39	52	29	501	176	2	695
24	39	53	29	456	195	0	694
25	39	52	29	500	212	0	694
26	39	52	29	506	212	0	694
27	39	52	29	507	200	0	695
28	39	52	29	509	5	0	693

Pepacton Reservoir (P):	Available storage Oct. 29, 2007 (0800) Spillway crest elevation 1,280.00 ft.	96.204 billion gals. 68.6 % (elev. 1,253.80 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Oct. 29, 2007 (0800) Spillway crest elevation 1,150.00 ft.	51.126 billion gals. 53.4 % (elev. 1,116.79 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Oct. 29, 2007 (0800) Spillway crest elevation 1,440.00 ft.	25.118 billion gals. 71.9 % (elev. 1,418.27 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Oct. 29, 2007 (0800) Combined capacity at spillway level.	172.448 billion gals. 63.7 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Oct. 28, 2007 (2400) Spillway crest elevation 1,190.00 ft.	19.077 billion gals. 53.8 % (elev. 1,181.1 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.		
Oct. 22	445	59	339	45	0	0	2,847	3,290	0	4.59
23	0	60	90	45	0	0	2,275	2,470	0	4.59
24	0	60	80	45	0	0	2,045	2,230	.55	5.14
25	0	60	80	45	0	0	2,825	3,010	.22	5.36
26	0	60	82	45	0	0	3,323	3,510	0	5.36
27	0	60	80	45	0	0	4,455	4,640	.83	6.19
28	0	60	80	45	0	0	16,315	16,500	.82	7.01

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 October 22 - 28, 2007, averaged 84.7 mgd. The average diversion for the 30-day period ending October 28, 2007 was 89.2 mgd and the maximum daily diversion was 96 mgd on October 10, 2007.