

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA.

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

Summary river data for November 26 - December 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	
Nov. 26	55	71	39	0	0	0	657
27	55	72	39	0	185	228	656
28	55	71	39	0	226	266	655
29	56	71	39	330	49	64	654
30	53	72	39	498	0	0	653
Dec. 1	56	71	39	502	0	0	652
2	56	72	40	461	0	0	651

Pepacton Reservoir (P):	Available storage Dec. 3, 2007 (0800) Spillway crest elevation 1,280.00 ft.	109.543 billion gals. 78.1 % (elev. 1,262.30 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Dec. 3, 2007 (0800) Spillway crest elevation 1,150.00 ft.	80.115 billion gals. 83.7 % (elev. 1,139.45 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Dec. 3, 2007 (0800) Spillway crest elevation 1,440.00 ft.	30.346 billion gals. 86.8 % (elev. 1,430.33 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Dec. 3, 2007 (0800) Combined capacity at spillway level.	220.004 billion gals. 81.2 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Dec. 2, 2007 (2400) Spillway crest elevation 1,190.00 ft.	22.847 billion gals. 64.4 % (elev. 1,183.2 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 <sup>2</sup>	Total Discharge	Precipitation (inches)	
	Directed release <sup>1</sup>	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			Daily	Cumul.
	Nov. 26	0	85	110	60	388	532	5,385	6,560	.46
27	0	85	110	60	863	727	11,055	12,900	.79	4.14
28	0	85	110	60	1,085	745	13,315	15,400	0	4.14
29	0	85	111	60	1,189	567	9,588	11,600	0	4.14
30	0	85	110	60	1,039	390	7,706	9,390	.01	4.15
Dec. 1	0	85	110	60	681	656	6,288	7,880	0	0
2	0	87	111	60	508	426	5,488	6,680	.09	.09

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 November 26 - December 2, 2007, averaged 93.7 mgd. The average diversion for the 30-day period ending December 2, 2007 was 91.3 mgd and the maximum daily diversion was 96 mgd on November 22, 30, and December 1, 2007.

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Summary river data for December 3 - 9, 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	
Dec. 3	55	71	42	415	0	0	650
4	55	71	42	0	0	0	646
5	55	71	42	0	0	0	643
6	55	72	42	290	0	2	641
7	55	71	42	502	0	197	641
8	55	71	42	503	0	195	641
9	55	71	42	462	0	173	641

Pepacton Reservoir (P):	Available storage Dec. 10, 2007 (0800) Spillway crest elevation 1,280.00 ft.	110.794 billion gals. 79.0 % (elev. 1,263.07 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Dec. 10, 2007 (0800) Spillway crest elevation 1,150.00 ft.	84.299 billion gals. 88.1 % (elev. 1,142.37 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Dec. 10, 2007 (0800) Spillway crest elevation 1,440.00 ft.	30.621 billion gals. 87.6 % (elev. 1,430.93 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Dec. 10, 2007 (0800) Combined capacity at spillway level.	225.714 billion gals. 83.3 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Dec. 9, 2007 (2400) Spillway crest elevation 1,190.00 ft.	22.482 billion gals. 63.4 % (elev. 1,183.0 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 <sup>2</sup>	Total Discharge	Precipitation (inches)	
	Directed release <sup>1</sup>	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			Daily	Cumul.
	Dec. 3	0	82	110	60	535	461	5,262	6,510	.46
4	0	87	111	62	598	532	6,200	7,590	.03	.58
5	0	87	110	65	476	532	5,470	6,740	0	.58
6	0	85	110	65	519	532	4,589	5,900	.02	.60
7	0	85	110	65	515	496	3,959	5,230	0	.60
8	0	85	111	65	418	496	3,635	4,810	.04	.64
9	0	85	110	65	218	461	3,831	4,770	.01	.65

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 December 3 - 9, 2007, averaged 93.6 mgd. The average diversion for the 30-day period ending December 9, 2007 was 88.8 mgd and the maximum daily diversion was 97 mg on December 3, 4, 2007.

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Summary river data for December 10 - 16, 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	
Dec. 10	55	72	42	0	0	189	639
11	55	72	42	0	0	267	637
12	55	70	42	0	0	267	635
13	55	122	42	414	0	332	636
14	55	160	42	85	0	352	635
15	55	161	42	0	0	354	633
16	55	161	42	0	0	323	632

Pepacton Reservoir (P):	Available storage Dec. 17, 2007 (0800) Spillway crest elevation 1,280.00 ft.	114.595 billion gals. 81.7 % (elev. 1,265.38 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Dec. 17, 2007 (0800) Spillway crest elevation 1,150.00 ft.	89.423 billion gals. 93.4 % (elev. 1,145.87 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Dec. 17, 2007 (0800) Spillway crest elevation 1,440.00 ft.	29.432 billion gals. 84.2 % (elev. 1,428.31 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Dec. 17, 2007 (0800) Combined capacity at spillway level.	233.450 billion gals. 86.2 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Dec. 16, 2007 (2400) Spillway crest elevation 1,190.00 ft.	23.577 billion gals. 66.5 % (elev. 1,183.6 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.
	Dec. 10	0	85	110	65	206	461	3,783	4,710	.27
11	0	85	110	65	442	213	4,025	4,940	.01	.93
12	0	85	111	65	534	248	4,517	5,560	.32	1.25
13	0	85	111	65	471	284	7,854	8,870	.02	1.27
14	0	85	108	65	379	532	6,971	8,140	.78	2.05
15	0	85	189	65	246	567	5,928	7,080	0	2.05
16	0	85	248	65	398	284	5,400	6,480	.46	2.51

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 December 10 - 16, 2007, averaged 87.3 mgd. The average diversion for the 30-day period ending December 16, 2007 was 91.5 mgd and the maximum daily diversion was 97 mg on December 3, 4, 2007.

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Summary river data for December 17 - 23, 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	
Dec. 17	55	161	48	0	0	299	630
18	55	369	59	0	235	255	629
19	55	877	42	0	204	322	629
20	55	967	42	0	201	347	629
21	55	968	42	0	201	350	628
22	55	970	42	0	201	350	628
23	58	967	42	0	0	350	626

Pepacton Reservoir (P):	Available storage Dec. 24, 2007 (0800) Spillway crest elevation 1,280.00 ft.	119.461 billion gals. 140.190 billion gallons.	85.2 % (elev. 1,268.28 ft.)
Cannonsville Reservoir (C):	Available storage Dec. 24, 2007 (0800) Spillway crest elevation 1,150.00 ft.	89.043 billion gals. 95.706 billion gallons.	93.0 % (elev. 1,145.62 ft.)
Neversink Reservoir (N):	Available storage Dec. 24, 2007 (0800) Spillway crest elevation 1,440.00 ft.	28.570 billion gals. 34.941 billion gallons.	81.8 % (elev. 1,426.37 ft.)
Combined contents, PCN:	Available storage Dec. 24, 2007 (0800) Combined capacity at spillway level.	237.074 billion gals. 270.837 billion gallons.	87.5 %
Lake Wallenpaupack:	Available storage Dec. 23, 2007 (2400) Spillway crest elevation 1,190.00 ft.	22.303 billion gals. 35.451 billion gallons.	62.9 % (elev. 1,182.9 ft.)

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.
	Dec. 17	0	85	249	65	500	248	5,153	6,300	.58
18	0	85	249	65	952	355	5,094	6,800	0	3.09
19	0	85	249	74	852	284	4,356	5,900	0	3.09
20	0	85	571	91	957	443	4,673	6,820	.06	3.15
21	0	85	1,357	65	817	443	4,243	7,010	0	3.15
22	0	85	1,496	65	610	319	3,765	6,340	0	3.15
23	0	85	1,497	65	340	319	3,804	6,110	.03	3.18

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 December 17 - 23, 2007, averaged 85.3 mgd. The average diversion for the 30-day period ending December 23, 2007 was 90.2 mgd and the maximum daily diversion was 97 mgd on December 3, 4, 2007.

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Summary river data for December 24 - 30, 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	
Dec. 24	121	973	42	0	0	352	625
25	122	972	42	0	0	355	624
26	120	970	42	0	0	350	623
27	120	971	42	0	0	344	621
28	120	971	42	0	0	27	618
29	120	971	42	0	0	0	615
30	126	970	42	0	0	0	613

Pepacton Reservoir (P):	Available storage Dec. 31, 2007 (0800) Spillway crest elevation 1,280.00 ft.	126.953 billion gals. 90.6 % (elev. 1,272.63 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Dec. 31, 2007 (0800) Spillway crest elevation 1,150.00 ft.	93.333 billion gals. 97.5 % (elev. 1,148.44 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Dec. 31, 2007 (0800) Spillway crest elevation 1,440.00 ft.	29.199 billion gals. 83.6 % (elev. 1,427.79 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Dec. 31, 2007 (0800) Combined capacity at spillway level.	249.485 billion gals. 92.1 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Dec. 30, 2007 (2400) Spillway crest elevation 1,190.00 ft.	24.855 billion gals. 70.1 % (elev. 1,184.3 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 <sup>2</sup>	Total Discharge	Precipitation	
	Directed release <sup>1</sup>	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			(inches)	
							Daily	Cumul.		
Dec. 24	0	85	1,501	65	298	603	16,748	19,300	.70	3.88
25	0	85	1,496	65	527	567	17,060	19,800	0	3.88
26	0	90	1,505	65	643	709	11,488	14,500	0	3.88
27	0	187	1,504	65	699	709	8,736	11,900	.01	3.89
28	0	189	1,501	65	728	851	7,566	10,900	.07	3.96
29	0	186	1,502	65	743	390	8,214	11,100	.32	4.28
30	0	186	1,502	65	858	709	10,680	14,000	0	4.28

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 December 24 - 30, 2007, averaged 91.9 mgd. The average diversion for the 30-day period ending December 30, 2007 was 89.9 mgd and the maximum daily diversion was 97 mg on December 3, 4, 2007.