

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA.

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

Summary river data for November 29 to December 5, 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	
Nov. 29	55	129	39	450	102	145	680
30	56	129	40	92	41	81	677
Dec. 1	46	130	46	0	0	0	674
2	54	129	74	0	0	0	670
3	55	177	122	0	0	0	666
4	55	220	123	0	0	0	663
5	55	220	123	0	0	0	659

Pepacton Reservoir (P):	Available storage Dec. 6, 2010 (0800) Spillway crest elevation 1,280.00 ft.	126.429 billion gals. 90.2 % (elev. 1,272.33 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Dec. 6, 2010 (0800) Spillway crest elevation 1,150.00 ft.	90.351 billion gals. 94.4 % (elev. 1,146.48 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Dec. 6, 2010 (0800) Spillway crest elevation 1,440.00 ft.	33.824 billion gals. 96.8 % (elev. 1,437.72 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Dec. 6, 2010 (0800) Combined capacity at spillway level.	250.604 billion gals. 92.5 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Dec. 5, 2010 (2400) Spillway crest elevation 1,190.00 ft.	25.402 billion gals. 71.7 % (elev. 1,184.6 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	IERQ Releases For Trenton <sup>3</sup>		Precipitation (inches)	
	Directed release <sup>1</sup>	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			Daily	Cumul.	Daily	Cumul.
	Nov. 29	0	85	198	60	1,679	124	3,884	6,030	0	6,327	0
30	0	85	200	60	1,127	383	3,395	5,250	0	6,327	0	2.83
Dec. 1	0	85	200	60	380	833	8,192	9,750	0	6,327	.81	.81
2	0	85	200	62	846	833	32,874	34,900	0	6,327	1.45	2.26
3	0	87	201	71	825	833	20,283	22,300	0	6,327	0	2.26
4	0	71	200	114	879	833	13,503	15,600	0	6,327	.01	2.27
5	0	84	274	189	964	663	10,126	12,300	0	6,327	0	2.27

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

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

3. DRBC-requested releases from the Interim Excess Release Quantity (IERQ) for flow augmentation of Delaware River at Trenton, N.J.

Divisions by New Jersey through the Delaware and Raritan Canal November 29 to December 5, 2010, averaged 87.6 mgd. The average diversion for the 30-day period ending December 5, 2010 was 87.7 mgd and the maximum daily diversion was 92 mgd on November 26, 2010.

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Summary river data for December 6 - 12, 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	
Dec. 6	115	221	117	0	0	0	656
7	120	260	123	364	0	330	656
8	120	493	123	450	0	411	657
9	120	851	123	450	162	407	659
10	120	951	123	450	200	199	660
11	120	965	123	450	200	197	661
12	120	964	123	450	199	203	662

Pepacton Reservoir (P):	Available storage Dec. 13, 2010 (0800) Spillway crest elevation 1,280.00 ft.	127.512 billion gals. 91.0 % (elev. 1,272.95 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Dec. 13, 2010 (0800) Spillway crest elevation 1,150.00 ft.	89.712 billion gals. 93.7 % (elev. 1,146.06 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Dec. 13, 2010 (0800) Spillway crest elevation 1,440.00 ft.	32.819 billion gals. 93.9 % (elev. 1,435.63 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Dec. 13, 2010 (0800) Combined capacity at spillway level.	250.043 billion gals. 92.3 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Dec. 12, 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 <sup>2</sup>	Total Discharge	IERQ Releases For Trenton <sup>3</sup>		Precipitation (inches)	
	Directed release <sup>1</sup>	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			Daily	Cumul.	Daily	Cumul.
	Dec. 6	0	85	340	190	851	663	8,071	10,200	0	6,327	.01
7	0	85	340	190	787	663	6,975	9,040	0	6,327	0	2.28
8	0	85	342	181	1,099	663	5,940	8,310	0	6,327	0	2.28
9	0	178	402	190	885	603	5,012	7,270	0	6,327	0	2.28
10	0	186	763	190	679	674	4,038	6,530	0	6,327	0	2.28
11	0	186	1,316	190	480	230	4,038	6,440	0	6,327	.01	2.29
12	0	186	1,471	190	234	248	4,431	6,760	0	6,327	.19	2.48

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

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

3. DRBC-requested releases from the Interim Excess Release Quantity (IERQ) for flow augmentation of Delaware River at Trenton, N.J.

Diversions by New Jersey through the Delaware and Raritan Canal December 6 - 12, 2010, averaged 88.1 mgd. The average diversion for the 30-day period ending December 12, 2010 was 87.7 mgd and the maximum daily diversion was 92 mgd on November 26 and December 12, 2010.

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Summary river data for December 13 - 19, 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	
Dec. 13	120	970	123	450	20	204	662
14	120	973	105	450	0	204	662
15	120	973	64	450	0	212	662
16	120	967	65	450	0	174	662
17	120	822	65	450	0	211	662
18	120	968	65	450	0	213	662
19	119	968	64	450	0	214	662

Pepacton Reservoir (P):	Available storage Dec. 20, 2010 (0800) Spillway crest elevation 1,280.00 ft.	128.304 billion gals. 91.5 % (elev. 1,273.40 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Dec. 20, 2010 (0800) Spillway crest elevation 1,150.00 ft.	88.739 billion gals. 92.7 % (elev. 1,145.42 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Dec. 20, 2010 (0800) Spillway crest elevation 1,440.00 ft.	32.386 billion gals. 92.7 % (elev. 1,434.72 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Dec. 20, 2010 (0800) Combined capacity at spillway level.	249.429 billion gals. 92.1 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Dec. 19, 2010 (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	IERQ Releases For Trenton <sup>3</sup>		Precipitation (inches)	
	Directed release <sup>1</sup>	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			Daily	Cumul.	Daily	Cumul.
	Dec. 13	0	186	1,493	190	334	337	8,460	11,000	0	6,327	.71
14	0	186	1,491	190	937	674	9,422	12,900	0	6,327	.01	3.20
15	0	186	1,501	190	1,554	443	7,026	10,900	0	6,327	0	3.20
16	0	186	1,505	162	1,549	674	6,124	10,200	0	6,327	0	3.20
17	0	186	1,505	99	713	674	5,193	8,370	0	6,327	0	3.20
18	0	186	1,496	101	470	674	4,583	7,510	0	6,327	0	3.20
19	0	186	1,272	101	256	479	4,606	6,900	0	6,327	0	3.20

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

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

3. DRBC-requested releases from the Interim Excess Release Quantity (IERQ) for flow augmentation of Delaware River at Trenton, N.J.

Diversions by New Jersey through the Delaware and Raritan Canal December 13 - 19, 2010, averaged 89.3 mgd. The average diversion for the 30-day period ending December 19, 2010 was 88.2 mgd and the maximum daily diversion was 96 mgd on December 19, 2010.

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Summary river data for December 20 - 26, 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	
Dec. 20	120	964	65	447	0	152	661
21	120	970	65	450	0	199	661
22	120	971	65	450	0	209	661
23	120	968	65	450	0	212	661
24	120	970	65	450	0	212	661
25	120	936	65	450	0	212	661
26	120	690	65	450	0	212	661

Pepacton Reservoir (P):	Available storage Dec. 27, 2010 (0800) Spillway crest elevation 1,280.00 ft.	126.936 billion gals. 90.5 % (elev. 1,272.62 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Dec. 27, 2010 (0800) Spillway crest elevation 1,150.00 ft.	85.268 billion gals. 89.1 % (elev. 1,143.04 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Dec. 27, 2010 (0800) Spillway crest elevation 1,440.00 ft.	31.406 billion gals. 89.9 % (elev. 1,432.63 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Dec. 27, 2010 (0800) Combined capacity at spillway level.	243.610 billion gals. 89.9 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Dec. 26, 2010 (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	IERQ Releases For Trenton <sup>3</sup>		Precipitation (inches)	
	Directed release <sup>1</sup>	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			Daily	Cumul.	Daily	Cumul.
	Dec. 20	0	186	1,497	101	330	319	3,957	6,390	0	6,327	0
21	0	186	1,497	99	413	177	3,968	6,340	0	6,327	0	3.20
22	0	184	1,491	101	416	248	3,440	5,880	0	6,327	0	3.20
23	0	186	1,501	101	670	337	3,075	5,870	0	6,327	0	3.20
24	0	186	1,502	101	449	337	2,905	5,480	0	6,327	0	3.20
25	0	186	1,497	101	0	390	2,756	4,930	0	6,327	0	3.20
26	0	186	1,501	101	0	390	2,652	4,830	0	6,327	.01	3.21

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

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

3. DRBC-requested releases from the Interim Excess Release Quantity (IERQ) for flow augmentation of Delaware River at Trenton, N.J.

Diversions by New Jersey through the Delaware and Raritan Canal December 20 - 26, 2010, averaged 93.7 mgd. The average diversion for the 30-day period ending December 26, 2010 was 89.6 mgd and the maximum daily diversion was 96 mgd on December 19 and 22, 2010.