

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA.

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

Summary river data for November 1 - 7, 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. 1	55	104	39	8	11	0	684
2	55	103	39	5	0	0	680
3	55	102	39	346	199	0	679
4	55	117	39	444	300	0	680
5	55	130	39	500	300	0	680
6	57	131	40	521	313	0	681
7	55	136	39	500	300	0	682

Pepacton Reservoir (P):	Available storage Nov. 8, 2010 (0800) Spillway crest elevation 1,280.00 ft.	115.426 billion gals. 82.3 % (elev. 1,265.88 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Nov. 8, 2010 (0800) Spillway crest elevation 1,150.00 ft.	75.155 billion gals. 78.5 % (elev. 1,135.86 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Nov. 8, 2010 (0800) Spillway crest elevation 1,440.00 ft.	27.875 billion gals. 79.8 % (elev. 1,424.78 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Nov. 8, 2010 (0800) Combined capacity at spillway level.	218.456 billion gals. 80.7 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Nov. 7, 2010 (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	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. 1	0	85	162	60	0	0	3,143	3,450	0	6,327	0
2	0	85	161	60	0	124	2,900	3,330	0	6,327	0	0
3	0	85	161	60	0	195	2,639	3,140	0	6,327	0	0
4	0	85	159	60	0	195	2,701	3,200	0	6,327	.12	.12
5	0	85	158	60	0	160	4,937	5,400	0	6,327	.80	.92
6	0	85	181	60	0	106	5,568	6,000	0	6,327	.02	.94
7	0	85	201	60	0	0	4,604	4,950	0	6,327	0	.94

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 November 1 - 7, 2010, averaged 90.0 mgd. The average diversion for the 30-day period ending November 7, 2010 was 87.7 mgd and the maximum daily diversion was 96 mgd on November 4, 2010.

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Summary river data for November 8 - 14, 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. 8	55	131	39	500	300	0	683
9	55	130	39	461	300	0	683
10	55	129	39	450	299	0	684
11	55	129	39	450	299	0	684
12	55	129	39	450	299	0	685
13	55	131	39	450	300	0	685
14	55	130	39	450	300	0	685

Pepacton Reservoir (P):	Available storage Nov. 15, 2010 (0800) Spillway crest elevation 1,280.00 ft.	115.859 billion gals. 82.6 % (elev. 1,266.14 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Nov. 15, 2010 (0800) Spillway crest elevation 1,150.00 ft.	76.440 billion gals. 79.9 % (elev. 1,136.79 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Nov. 15, 2010 (0800) Spillway crest elevation 1,440.00 ft.	28.522 billion gals. 81.6 % (elev. 1,426.26 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Nov. 15, 2010 (0800) Combined capacity at spillway level.	220.821 billion gals. 81.5 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Nov. 14, 2010 (2400) Spillway crest elevation 1,190.00 ft.	24.125 billion gals. 68.1 % (elev. 1,183.9 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. 8	0	85	203	62	0	0	4,110	4,460	0	6,327	0
9	0	88	210	60	0	195	3,707	4,260	0	6,327	.20	1.14
10	0	85	203	60	0	195	3,677	4,220	0	6,327	0	1.14
11	0	85	201	60	0	106	3,468	3,920	0	6,327	0	1.14
12	0	85	200	60	0	89	3,256	3,690	0	6,327	0	1.14
13	0	85	200	60	0	71	3,004	3,420	0	6,327	0	1.14
14	0	85	200	60	0	0	2,855	3,200	0	6,327	0	1.14

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 November 8 - 14, 2010, averaged 87.0 mgd. The average diversion for the 30-day period ending November 14, 2010 was 89.2 mgd and the maximum daily diversion was 96 mgd on November 4, 2010.

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Summary river data for November 15 - 21, 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. 15	55	130	39	450	300	0	686
16	55	130	39	450	300	0	686
17	55	130	39	448	300	0	686
18	56	130	39	432	43	0	685
19	56	129	39	450	0	0	684
20	55	129	39	450	0	0	682
21	55	131	39	450	0	0	681

Pepacton Reservoir (P):	Available storage Nov. 22, 2010 (0800) Spillway crest elevation 1,280.00 ft.	117.064 billion gals. 83.5 % (elev. 1,266.86 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Nov. 22, 2010 (0800) Spillway crest elevation 1,150.00 ft.	79.603 billion gals. 83.2 % (elev. 1,139.08 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Nov. 22, 2010 (0800) Spillway crest elevation 1,440.00 ft.	29.580 billion gals. 84.7 % (elev. 1,428.64 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Nov. 22, 2010 (0800) Combined capacity at spillway level.	226.247 billion gals. 83.5 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Nov. 21, 2010 (2400) Spillway crest elevation 1,190.00 ft.	26.497 billion gals. 74.7 % (elev. 1,185.2 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	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. 15	0	85	203	60	0	0	2,732	3,080	0	6,327	0
16	0	85	201	60	0	35	2,689	3,070	0	6,327	.05	1.19
17	0	85	201	60	0	177	4,207	4,730	0	6,327	1.01	2.20
18	0	85	201	60	0	177	7,557	8,080	0	6,327	.03	2.23
19	0	85	201	60	0	195	6,279	6,820	0	6,327	.04	2.27
20	0	85	201	60	0	106	5,148	5,600	0	6,327	0	2.27
21	0	87	200	60	0	0	4,593	4,940	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.

Diversions by New Jersey through the Delaware and Raritan Canal November 15 - 21, 2010, averaged 87.6 mgd. The average diversion for the 30-day period ending November 21, 2010 was 89.3 mgd and the maximum daily diversion was 96 mgd on November 4, 2010.

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA.

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Summary river data for November 22 - 28, 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. 22	55	130	39	450	0	0	680
23	55	131	39	450	76	465	682
24	55	132	39	450	88	164	682
25	55	131	39	450	105	4	681
26	55	129	39	450	111	99	681
27	55	128	39	450	110	0	680
28	55	129	39	450	129	0	680

Pepacton Reservoir (P):	Available storage Nov. 29, 2010 (0800) Spillway crest elevation 1,280.00 ft.	117.216 billion gals. 83.6 % (elev. 1,266.95 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Nov. 29, 2010 (0800) Spillway crest elevation 1,150.00 ft.	82.435 billion gals. 86.1 % (elev. 1,141.08 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Nov. 29, 2010 (0800) Spillway crest elevation 1,440.00 ft.	29.554 billion gals. 84.6 % (elev. 1,428.58 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Nov. 29, 2010 (0800) Combined capacity at spillway level.	229.205 billion gals. 84.6 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Nov. 28, 2010 (2400) Spillway crest elevation 1,190.00 ft.	21.944 billion gals. 61.9 % (elev. 1,182.7 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 <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. 22	0	87	200	60	0	124	4,159	4,630	0	6,327	0
23	0	85	203	60	344	230	3,428	4,350	0	6,327	0	2.27
24	0	85	201	60	1,276	369	3,819	5,810	0	6,327	.04	2.31
25	0	85	203	60	1,668	191	3,253	5,460	0	6,327	0	2.31
26	0	85	204	60	1,673	124	3,554	5,700	0	6,327	.51	2.82
27	0	85	203	60	1,671	106	4,875	7,000	0	6,327	.01	2.83
28	0	85	200	60	1,675	0	4,500	6,520	0	6,327	0	2.83

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.

Diversion by New Jersey through the Delaware and Raritan Canal November 22 - 28, 2010, averaged 88.3 mgd. The average diversion for the 30-day period ending November 28, 2010 was 88.4 mgd and the maximum daily diversion was 96 mgd on November 4, 2010.