

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA.

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

Summary river data for January 31 - February 6, 2011 (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	
Jan. 31	55	219	42	450	298	0	686
Feb. 1	55	220	42	450	299	0	686
2	55	220	42	450	298	0	687
3	55	218	44	450	299	0	687
4	55	221	65	450	298	0	687
5	55	224	65	450	298	0	687
6	55	223	65	450	298	0	688

Pepacton Reservoir (P):	Available storage Feb. 7, 2011 (0800) Spillway crest elevation 1,280.00 ft.	117.081 billion gals. 83.5 % (elev. 1,266.87 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Feb. 7, 2011 (0800) Spillway crest elevation 1,150.00 ft.	77.945 billion gals. 81.4 % (elev. 1,137.88 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Feb. 7, 2011 (0800) Spillway crest elevation 1,440.00 ft.	29.347 billion gals. 84.0 % (elev. 1,428.12 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Feb. 7, 2011 (0800) Combined capacity at spillway level.	224.373 billion gals. 82.8 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Feb. 6, 2011 (2400) Spillway crest elevation 1,190.00 ft.	17.138 billion gals. 48.3 % (elev. 1,180.0 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	IERQ Releases For Trenton ³		Precipitation (inches)	
	Directed release ¹	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			Daily	Cumul.	Daily	Cumul.
	Jan. 31	0	93	340	65	57	0	1,945	2,500	0	6,327	0
Feb. 1	0	85	340	65	567	0	2,143	3,200	0	6,327	.22	.22
2	0	85	339	65	525	0	2,186	3,200	0	6,327	.79	1.01
3	0	85	340	65	473	0	2,037	3,000	0	6,327	.07	1.08
4	0	85	340	65	525	0	2,185	3,200	0	6,327	0	1.08
5	0	85	337	68	648	0	2,362	3,500	0	6,327	.02	1.10
6	0	85	342	101	0	0	2,072	2,600	0	6,327	.40	1.50

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 January 31 - February 6, 2011, averaged 91.7 mgd. The average diversion for the 30-day period ending February 6, 2011 was 91.7 and the maximum daily diversion was 100 mg on Jan. 19, 2011.

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

Summary river data for February 7 - 13, 2011 (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	
Feb. 7	55	222	65	450	298	0	688
8	55	224	65	310	298	213	688
9	55	223	65	450	298	214	689
10	132	223	65	450	299	214	690
11	133	222	65	451	299	211	692
12	133	222	65	451	299	0	692
13	133	222	65	451	299	0	692

Pepacton Reservoir (P):	Available storage Feb. 14, 2011 (0800) Spillway crest elevation 1,280.00 ft.	115.144 billion gals. 82.1 % (elev. 1,265.71 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Feb. 14, 2011 (0800) Spillway crest elevation 1,150.00 ft.	76.357 billion gals. 79.8 % (elev. 1,136.73 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Feb. 14, 2011 (0800) Spillway crest elevation 1,440.00 ft.	28.455 billion gals. 81.4 % (elev. 1,426.11 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Feb. 14, 2011 (0800) Combined capacity at spillway level.	219.956 billion gals. 81.2 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Feb. 13, 2011 (2400) Spillway crest elevation 1,190.00 ft.	16.434 billion gals. 46.4 % (elev. 1,179.6 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 ²	Total Discharge	IERQ Releases For Trenton ³		Precipitation (inches)	
	Directed release ¹	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			Daily	Cumul.	Daily	Cumul.
	Feb. 7	0	85	347	101	0	71	2,496	3,100	0	6,327	0
8	0	85	345	101	387	89	2,593	3,600	0	6,327	.27	1.77
9	0	85	343	101	395	89	2,687	3,700	0	6,327	0	1.77
10	0	85	347	101	443	0	2,524	3,500	0	6,327	0	1.77
11	0	85	345	101	394	0	2,275	3,200	0	6,327	0	1.77
12	0	85	345	101	441	0	2,228	3,200	0	6,327	0	1.77
13	0	204	343	101	0	0	2,152	2,800	0	6,327	.01	1.78

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 February 7 - 13, 2011, averaged 91.0 mgd. The average diversion for the 30-day period ending February 13, 2011 was 91.3 and the maximum daily diversion was 100 mgd on January 19, 2011.

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Summary river data for February 14 - 20, 2011 (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	
Feb. 14	133	220	65	450	299	0	692
15	133	220	65	450	299	0	692
16	133	220	62	450	299	0	693
17	90	220	58	450	299	0	693
18	68	221	42	450	299	0	693
19	68	223	42	450	299	0	693
20	68	222	42	450	299	0	693

Pepacton Reservoir (P):	Available storage Feb. 21, 2011 (0800) Spillway crest elevation 1,280.00 ft.	114.562 billion gals. 81.7 % (elev. 1,265.36 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Feb. 21, 2011 (0800) Spillway crest elevation 1,150.00 ft.	77.020 billion gals. 80.5 % (elev. 1,137.21 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Feb. 21, 2011 (0800) Spillway crest elevation 1,440.00 ft.	28.632 billion gals. 81.9 % (elev. 1,426.51 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Feb. 21, 2011 (0800) Combined capacity at spillway level.	220.214 billion gals. 81.3 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Feb. 20, 2011 (2400) Spillway crest elevation 1,190.00 ft.	16.962 billion gals. 47.8 % (elev. 1,179.9 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 ²	Total Discharge	IERQ Releases For Trenton ³		Precipitation (inches)	
	Directed release ¹	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			Daily	Cumul.	Daily	Cumul.
	Feb. 14	0	206	343	101	19	0	2,131	2,800	0	6,327	.02
15	0	206	343	101	307	0	2,443	3,400	0	6,327	.01	1.81
16	0	206	340	101	314	0	2,539	3,500	0	6,327	0	1.81
17	0	206	340	101	304	0	2,349	3,300	0	6,327	0	1.81
18	0	206	340	96	355	0	2,503	3,500	0	6,327	0	1.81
19	0	206	340	90	251	0	4,013	4,900	0	6,327	0	1.81
20	0	139	342	65	0	0	6,154	6,700	0	6,327	0	1.81

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 February 14 - 20, 2011, averaged 84.0 mgd. The average diversion for the 30-day period ending February 20, 2011 was 88.5 and the maximum daily diversion was 95 mg on January 28 and February 8, 2011.

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Summary river data for February 21 - 27, 2011 (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	
Feb. 21	68	220	42	450	300	0	694
22	68	219	42	450	300	0	694
23	68	220	42	450	300	0	694
24	68	221	42	450	29	0	693
25	68	222	42	0	0	0	691
26	68	222	42	0	0	0	688
27	68	221	46	0	0	0	686

Pepacton Reservoir (P):	Available storage Feb. 28, 2011 (0800) Spillway crest elevation 1,280.00 ft.	116.177 billion gals. 82.9 % (elev. 1,266.33 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Feb. 28, 2011 (0800) Spillway crest elevation 1,150.00 ft.	79.300 billion gals. 82.9 % (elev. 1,138.86 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Feb. 28, 2011 (0800) Spillway crest elevation 1,440.00 ft.	29.159 billion gals. 83.5 % (elev. 1,427.70 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Feb. 28, 2011 (0800) Combined capacity at spillway level.	224.636 billion gals. 82.9 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Feb. 27, 2011 (2400) Spillway crest elevation 1,190.00 ft.	20.152 billion gals. 56.8 % (elev. 1,181.7 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	IERQ Releases For Trenton ³		Precipitation (inches)	
	Directed release ¹	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			Daily	Cumul.	Daily	Cumul.
	Feb. 21	0	105	345	65	0	0	5,585	6,100	0	6,327	.43
22	0	105	343	65	0	0	4,987	5,500	0	6,327	.01	2.25
23	0	105	340	65	0	0	4,190	4,700	0	6,327	0	2.25
24	0	105	339	65	0	18	4,173	4,700	0	6,327	0	2.25
25	0	105	340	65	0	248	4,242	5,000	0	6,327	.65	2.90
26	0	105	342	65	0	160	7,228	7,900	0	6,327	.49	3.39
27	0	105	343	65	0	337	7,150	8,000	0	6,327	.10	3.49

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 February 21 - 27, 2011, averaged 78.6 mgd. The average diversion for the 30-day period ending February 27, 2011 was 86.8 and the maximum daily diversion was 95 mg on February 8, 2011.