

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA.

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

Summary river data for December 27, 2010 - January 2, 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	
Dec. 27	120	430	65	450	0	216	661
28	120	231	65	450	276	385	663
29	120	216	61	450	298	409	666
30	120	221	42	450	298	409	668
31	120	224	42	450	298	413	670
Jan. 1	120	223	42	450	298	417	673
2	120	222	42	450	298	417	675

Pepacton Reservoir (P):	Available storage Jan. 3, 2011 (0800) Spillway crest elevation 1,280.00 ft.	125.105 billion gals. 89.2 % (elev. 1,271.57 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Jan. 3, 2011 (0800) Spillway crest elevation 1,150.00 ft.	84.342 billion gals. 88.1 % (elev. 1,142.40 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Jan. 3, 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 Jan. 3, 2011 (0800) Combined capacity at spillway level.	238.606 billion gals. 88.1 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Jan. 2, 2011 (2400) Spillway crest elevation 1,190.00 ft.	23.395 billion gals. 66.0 % (elev. 1,183.5 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 <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. 27	0	186	1,448	101	0	390	2,445	4,570	0	6,327	.20
28	0	186	1,067	101	323	390	2,493	4,560	0	6,327	.01	3.42
29	0	186	665	101	422	390	2,256	4,020	0	6,327	0	3.42
30	0	186	357	101	464	284	2,358	3,750	0	6,327	0	3.42
31	0	186	334	94	410	248	2,298	3,570	0	6,327	0	3.42
Jan. 1	0	186	342	65	0	248	2,429	3,270	0	6,327	0	0
2	0	186	347	65	0	248	2,394	3,240	0	6,327	.03	.03

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 December 27, 2010 - January 2, 2011, averaged 90.0 mgd. The average diversion for the 30-day period ending January 2, 2011 was 90.0 mgd and the maximum daily diversion was 96 mg on December 19, 22, 2010.

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA.

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

Summary river data for January 3 - 9, 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. 3	120	223	42	450	298	228	676
4	120	222	42	450	299	211	678
5	110	223	42	450	299	213	679
6	55	162	42	450	299	8	679
7	54	128	42	450	299	0	680
8	54	127	42	450	299	0	680
9	56	128	42	450	299	0	680

Pepacton Reservoir (P):	Available storage Jan. 10, 2011 (0800) Spillway crest elevation 1,280.00 ft.	123.911 billion gals. 88.4 % (elev. 1,270.88 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Jan. 10, 2011 (0800) Spillway crest elevation 1,150.00 ft.	83.909 billion gals. 87.7 % (elev. 1,142.10 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Jan. 10, 2011 (0800) Spillway crest elevation 1,440.00 ft.	28.773 billion gals. 82.3 % (elev. 1,426.83 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Jan. 10, 2011 (0800) Combined capacity at spillway level.	236.593 billion gals. 87.4 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Jan. 9, 2011 (2400) Spillway crest elevation 1,190.00 ft.	23.212 billion gals. 65.5 % (elev. 1,183.4 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.
	Jan. 3	0	186	345	65	0	71	2,813	3,480	0	6,327	0
4	0	186	343	65	358	248	2,690	3,890	0	6,327	0	.03
5	0	186	345	65	360	248	2,446	3,650	0	6,327	0	.03
6	0	186	343	65	332	248	2,206	3,380	0	6,327	0	.03
7	0	186	345	65	357	248	2,049	3,250	0	6,327	.06	.09
8	0	170	251	65	329	106	2,169	3,090	0	6,327	.11	.20
9	0	85	198	65	0	0	2,062	2,410	0	6,327	0	.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.

Diversion by New Jersey through the Delaware and Raritan Canal January 3 - 9, 2011, averaged 91.0 mgd. The average diversion for the 30-day period ending January 9, 2011 was 91.0 mgd and the maximum daily diversion was 96 mgd on December 19, 22, 2010.

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA.

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

Summary river data for January 10 - 16, 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. 10	56	128	42	450	299	0	681
11	55	129	42	450	299	0	681
12	55	127	42	380	299	0	681
13	55	131	42	450	299	0	681
14	55	167	42	450	299	0	681
15	55	220	42	450	299	0	682
16	55	221	42	450	299	0	682

Pepacton Reservoir (P):	Available storage Jan. 17, 2011 (0800) Spillway crest elevation 1,280.00 ft.	122.429 billion gals. 87.3 % (elev. 1,270.02 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Jan. 17, 2011 (0800) Spillway crest elevation 1,150.00 ft.	82.724 billion gals. 86.4 % (elev. 1,141.28 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Jan. 17, 2011 (0800) Spillway crest elevation 1,440.00 ft.	28.924 billion gals. 82.8 % (elev. 1,427.17 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Jan. 17, 2011 (0800) Combined capacity at spillway level.	234.077 billion gals. 86.4 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Jan. 16, 2011 (2400) Spillway crest elevation 1,190.00 ft.	22.124 billion gals. 62.4 % (elev. 1,182.8 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.
	Jan. 10	0	84	196	65	62	124	2,509	3,040	0	6,327	0
11	0	84	198	65	436	284	2,543	3,610	0	6,327	0	.20
12	0	87	198	65	510	213	2,207	3,280	0	6,327	.25	.45
13	0	87	200	65	590	0	2,438	3,380	0	6,327	0	.45
14	0	85	196	65	498	35	2,261	3,140	0	6,327	0	.45
15	0	85	203	65	314	0	2,223	2,890	0	6,327	0	.45
16	0	85	258	65	0	0	1,892	2,300	0	6,327	0	.45

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 January 10 - 16, 2011, averaged 94.0 mgd. The average diversion for the 30-day period ending January 16, 2011 was 92.3 mgd and the maximum daily diversion was 96 mg on December 19, 22, 2010 and January 12, 2011.

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA.

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

Summary river data for January 17 - 23, 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. 17	55	221	42	450	299	0	682
18	55	221	42	450	299	0	683
19	55	221	42	450	299	0	683
20	55	220	42	450	298	0	683
21	55	222	42	450	296	0	683
22	55	220	42	450	295	0	684
23	55	221	42	450	295	0	684

Pepacton Reservoir (P):	Available storage Jan. 24, 2011 (0800) Spillway crest elevation 1,280.00 ft.	121.009 billion gals. 86.3 % (elev. 1,269.19 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Jan. 24, 2011 (0800) Spillway crest elevation 1,150.00 ft.	81.293 billion gals. 84.9 % (elev. 1,140.29 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Jan. 24, 2011 (0800) Spillway crest elevation 1,440.00 ft.	29.172 billion gals. 83.5 % (elev. 1,427.73 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Jan. 24, 2011 (0800) Combined capacity at spillway level.	231.474 billion gals. 85.5 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Jan. 23, 2011 (2400) Spillway crest elevation 1,190.00 ft.	19.615 billion gals. 55.3 % (elev. 1,181.4 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.
	Jan. 17	0	85	340	65	32	0	2,148	0	6,327	0	.45
18	0	85	342	65	522	0	2,096	0	6,327	.23	.68	
19	0	85	342	65	546	0	2,402	0	6,327	.54	1.22	
20	0	85	342	65	749	0	2,799	0	6,327	.02	1.24	
21	0	85	342	65	739	0	2,819	0	6,327	.35	1.59	
22	0	85	340	65	923	0	2,687	0	6,327	.01	1.60	
23	0	85	343	65	740	0	2,367	0	6,327	0	1.60	

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 January 17 - 23, 2011, averaged 92.6 mgd. The average diversion for the 30-day period ending January 23, 2011 was 91.9mgd and the maximum daily diversion was 100 mg on January 19, 2011.

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA.

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

Summary river data for January 24 - 30, 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. 24	60	220	42	450	298	0	684
25	120	220	42	450	298	0	684
26	120	220	42	450	298	0	685
27	120	220	42	450	298	0	685
28	60	220	42	450	298	0	685
29	55	220	42	450	298	0	686
30	55	220	42	450	298	0	686

Pepacton Reservoir (P):	Available storage Jan. 31, 2011 (0800) Spillway crest elevation 1,280.00 ft.	118.867 billion gals. 84.8 % (elev. 1,267.93 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Jan. 31, 2011 (0800) Spillway crest elevation 1,150.00 ft.	79.576 billion gals. 83.1 % (elev. 1,139.06 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Jan. 31, 2011 (0800) Spillway crest elevation 1,440.00 ft.	29.231 billion gals. 83.7 % (elev. 1,427.86 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Jan. 31, 2011 (0800) Combined capacity at spillway level.	227.674 billion gals. 84.1 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Jan. 30, 2011 (2400) Spillway crest elevation 1,190.00 ft.	18.370 billion gals. 51.8 % (elev. 1,180.7 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.
	Jan. 24	0	85	340	65	769	301	2,240	3,800	0	6,327	0
25	0	85	342	65	664	266	2,278	3,700	0	6,327	.05	1.65
26	0	85	340	65	764	71	2,645	3,970	0	6,327	0	1.65
27	0	93	340	65	743	71	2,288	3,600	0	6,327	.07	1.72
28	0	186	340	65	352	53	2,704	3,700	0	6,327	.01	1.73
29	0	186	340	65	353	0	2,256	3,200	0	6,327	.02	1.75
30	0	186	340	65	0	142	2,067	2,800	0	6,327	0	1.75

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 24 - 30, 2011, averaged 89.0 mgd. The average diversion for the 30-day period ending January 30, 2011 was 91.7 and the maximum daily diversion was 100 mgd on January 19, 2011.