

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA.

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

Summary river data for November 26 - December 2, 2012 (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, 2012 to date
	release begin 1200	release end 2400	release begin 1500	beginning 0800	beginning 0800	beginning 0800	
Nov. 26	97	145	123	397	304	0	623
27	97	145	123	397	304	0	624
28	97	145	123	400	305	0	624
29	97	146	122	397	304	107	625
30	97	147	121	397	304	103	626
Dec. 1	96	147	123	397	292	0	626
2	96	148	122	397	303	3	627

Pepacton Reservoir (P):	Available storage Dec. 3, 2012 (0800) Spillway crest elevation 1,280.00 ft.	99.722 billion gals. 71.1 % (elev. 1,256.10 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Dec. 3, 2012 (0800) Spillway crest elevation 1,150.00 ft.	68.589 billion gals. 71.7 % (elev. 1,130.94 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Dec. 3, 2012 (0800) Spillway crest elevation 1,440.00 ft.	34.101 billion gals. 97.6 % (elev. 1,438.29 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Dec. 3, 2012 (0800) Combined capacity at spillway level.	202.412 billion gals. 74.7 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Dec. 2, 2012 (2400) Spillway crest elevation 1,190.00 ft.	21.048 billion gals. 59.4 % (elev. 1,182.2 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 ²	Total Discharge	Precipitation (inches)	
	Directed release ¹	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			Daily	Cumul.
	Nov. 26	0	150	223	190	79	18	2,310	2,970	0
27	0	150	224	190	456	124	2,176	3,320	.02	.93
28	0	149	224	190	510	106	2,121	3,300	.11	1.04
29	0	150	224	190	349	89	2,098	3,100	0	1.04
30	0	150	224	190	293	195	1,938	2,990	0	1.04
Dec. 1	0	150	226	189	276	0	1,959	2,800	.01	.01
2	0	150	227	187	0	0	1,906	2,470	0	.01

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

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

Diversion by New Jersey through the D&R Canal November 26 - December 2, 2012 averaged 75.0 mgd. The average diversion for the 30-day period ending December 2, 2012 was 71.1 mgd and the maximum diversion was 78 mgd on November 16, 2012.

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Summary river data for December 3 - 9, 2012 (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, 2012 to date
	release begin 1200	release end 2400	release begin 1500	beginning 0800	beginning 0800	beginning 0800	
Dec. 3	97	148	123	397	303	108	628
4	93	148	101	397	303	108	629
5	65	116	34	397	303	106	630
6	65	97	36	314	300	104	630
7	64	97	36	298	303	104	631
8	65	96	36	298	303	0	630
9	65	98	36	298	300	4	630

Pepacton Reservoir (P):	Available storage Dec. 10, 2012 (0800) Spillway crest elevation 1,280.00 ft.	98.522 billion gals. 70.3 % (elev. 1,255.32 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Dec. 10, 2012 (0800) Spillway crest elevation 1,150.00 ft.	67.689 billion gals. 70.7 % (elev. 1,130.26 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Dec. 10, 2012 (0800) Spillway crest elevation 1,440.00 ft.	33.741 billion gals. 96.6 % (elev. 1,437.55 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Dec. 10, 2012 (0800) Combined capacity at spillway level.	199.952 billion gals. 73.8 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Dec. 9, 2012 (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 ²	Total Discharge	Precipitation (inches)	
	Directed release ¹	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			Daily	Cumul.
	Dec. 3	0	150	227	190	0	0	1,963	2,530	.16
4	0	149	229	189	0	0	2,163	2,730	.03	.20
5	0	149	229	190	0	0	2,142	2,710	.13	.33
6	0	150	229	156	0	0	2,065	2,600	0	.33
7	0	144	179	53	0	0	2,114	2,490	0	.33
8	0	101	150	56	0	0	2,183	2,490	.40	.73
9	0	101	150	56	0	71	2,732	3,110	0	.73

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

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

Diversions by New Jersey through the D&R Canal December 3 - 9, 2012 averaged 73.1 mgd. The average diversion for the 30-day period ending December 9, 2012 was 72.3 mgd and the maximum diversion was 78 mg on November 16, 2012.

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Summary river data for December 10 - 16, 2012 (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, 2012 to date
	release begin 1200	release end 2400	release begin 1500	beginning 0800	beginning 0800	beginning 0800	
Dec. 10	65	97	36	193	300	106	630
11	65	97	36	198	303	104	630
12	65	97	36	121	300	104	629
13	65	97	36	187	303	107	629
14	65	98	36	199	303	207	630
15	65	98	36	199	303	0	629
16	65	98	36	199	303	1	628

Pepacton Reservoir (P):	Available storage Dec. 17, 2012 (0800) Spillway crest elevation 1,280.00 ft.	100.032 billion gals. 71.4 % (elev. 1,256.30 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Dec. 17, 2012 (0800) Spillway crest elevation 1,150.00 ft.	68.815 billion gals. 71.9 % (elev. 1,131.11 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Dec. 17, 2012 (0800) Spillway crest elevation 1,440.00 ft.	33.693 billion gals. 96.4 % (elev. 1,437.45 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Dec. 17, 2012 (0800) Combined capacity at spillway level.	202.540 billion gals. 74.8 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Dec. 16, 2012 (2400) Spillway crest elevation 1,190.00 ft.	21.586 billion gals. 60.9 % (elev. 1,182.5 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 ²	Total Discharge	Precipitation (inches)	
	Directed release ¹	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			Daily	Cumul.
	Dec. 10	0	99	149	56	79	0	3,107	3,490	.12
11	0	101	152	56	495	0	3,346	4,150	.22	1.07
12	0	101	150	56	409	89	4,195	5,000	0	1.07
13	0	101	150	56	476	106	3,811	4,700	0	1.07
14	0	101	150	56	484	124	3,455	4,370	0	1.07
15	0	101	150	56	387	71	3,185	3,950	0	1.07
16	0	101	152	56	11	0	3,070	3,390	0	1.07

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

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

Diversions by New Jersey through the D&R Canal December 10 - 16, 2012 averaged 69.9 mgd. The average diversion for the 30-day period ending December 16, 2012 was 71.8 mgd and the maximum diversion was 78 mgd on November 27, 2012.

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Summary river data for December 17 - 23, 2012 (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		Average June 1, 2012 to date	
	release begin 1200	release end 2400	release begin 1500	spill begin 0800	beginning 0800	beginning 0800		beginning 0800
Dec. 17	65	98	36	0	199	303	208	629
18	65	98	36	0	199	303	107	629
19	67	98	49	0	199	304	107	629
20	97	125	123	0	34	301	166	628
21	97	147	123	0	0	21	157	626
22	97	149	123	32	0	0	157	623
23	97	149	129	46	0	0	158	621

Pepacton Reservoir (P):	Available storage Dec. 24, 2012 (0800) Spillway crest elevation 1,280.00 ft.	106.708 billion gals. 76.1 % (elev. 1,260.54 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Dec. 24, 2012 (0800) Spillway crest elevation 1,150.00 ft.	75.472 billion gals. 78.9 % (elev. 1,136.09 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Dec. 24, 2012 (0800) Spillway crest elevation 1,440.00 ft.	35.001 billion gals. 100.2 % (elev. 1,440.12 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Dec. 24, 2012 (0800) Combined capacity at spillway level.	217.181 billion gals. 80.2 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Dec. 23, 2012 (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 ²	Total Discharge	Precipitation (inches)	
	Directed release ¹	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			Daily	Cumul.
							Dec. 17	0		
18	0	101	152	56	0	213	4,448	4,970	.63	1.85
19	0	101	152	56	0	213	7,938	8,460	.06	1.91
20	0	101	152	56	110	213	7,048	7,680	0	1.91
21	0	101	152	76	551	n.a.	n.a.	17,100	1.37	3.28
22	0	104	193	190	1,429	n.a.	n.a.	34,000	.51	3.79
23	0	150	227	190	1,564	n.a.	n.a.	20,800	0	3.79

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

2. Includes conservation release of 100 cfs from Rio Reservoir. NOTE: The abbreviation "n.a." means data are currently unavailable.

Diversions by New Jersey through the D&R Canal December 17 - 23, 2012 averaged 69.6 mgd. The average diversion for the 30-day period ending December 23, 2012 was 71.9 mgd and the maximum diversion was 78 mgd on November 27, 2012.

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Summary river data for December 24 - 30, 2012 (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, 2012 to date
	release begin 1200	release end 2400	release begin 1500	spill begin 0800	beginning 0800	beginning 0800	beginning 0800	
Dec. 24	97	148	123	37	0	0	158	619
25	97	147	123	8	0	0	157	617
26	97	146	123	0	0	0	157	615
27	97	146	123	0	0	257	158	614
28	97	146	123	0	205	304	158	614
29	97	146	123	0	305	301	159	615
30	97	146	123	0	305	304	157	615

Pepacton Reservoir (P):	Available storage Dec. 31, 2012 (0800) Spillway crest elevation 1,280.00 ft.	109.916 billion gals. 78.4 % (elev. 1,262.53 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Dec. 31, 2012 (0800) Spillway crest elevation 1,150.00 ft.	78.788 billion gals. 82.3 % (elev. 1,138.49 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Dec. 31, 2012 (0800) Spillway crest elevation 1,440.00 ft.	34.423 billion gals. 98.5 % (elev. 1,439.95 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Dec. 31, 2012 (0800) Combined capacity at spillway level.	223.127 billion gals. 82.4 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Dec. 30, 2012 (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 ²	Total Discharge	Precipitation (inches)	
	Directed release ¹	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			Daily	Cumul.
	Dec. 24	0	150	231	190	1,564	426	12,139	14,700	0
25	0	150	231	190	1,567	426	9,436	12,000	.05	3.84
26	0	150	229	190	1,567	426	7,738	10,300	0	3.84
27	0	150	227	190	1,170	266	6,987	8,990	.77	4.61
28	0	150	226	190	1,143	266	6,175	8,150	.06	4.67
29	0	150	226	190	731	426	5,507	7,230	0	4.67
30	0	150	226	190	630	426	5,068	6,690	.37	5.04

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

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

Diversions by New Jersey through the D&R Canal December 24 - 30, 2012 averaged 62.8 mgd. The average diversion for the 30-day period ending December 30, 2012 was 69.3 mgd and the maximum diversion was 76 mg on December 8, 2012.