

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA.

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

Summary river data for January 26 - February 1, 2009 (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, 2008 to date
	release begin 1200	release end 2400	release begin 1500	beginning 0800	beginning 0800	beginning 0800	
Jan. 26	453	967	122	452	0	307	500
27	453	972	123	451	0	301	501
28	453	973	122	450	0	305	502
29	453	973	123	452	0	283	503
30	453	971	110	451	0	440	505
31	453	969	65	451	0	464	507
Feb. 1	453	968	65	453	0	470	508

Pepacton Reservoir (P):	Available storage Feb. 2, 2009 (0800) Spillway crest elevation 1,280.00 ft.	123.118 billion gals. 87.8 % (elev. 1,270.42 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Feb. 2, 2009 (0800) Spillway crest elevation 1,150.00 ft.	77.269 billion gals. 80.7 % (elev. 1,137.39 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Feb. 2, 2009 (0800) Spillway crest elevation 1,440.00 ft.	27.240 billion gals. 78.0 % (elev. 1,423.31 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Feb. 2, 2009 (0800) Combined capacity at spillway level.	227.627 billion gals. 84.0 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Feb. 1, 2009 (2400) Spillway crest elevation 1,190.00 ft.	17.490 billion gals. 49.3 % (elev. 1,180.2 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	Excess Release Credits <sup>3</sup>		Precipitation (inches)	
	Directed release <sup>1</sup>	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			Daily	Cumul.	Daily	Cumul.
	Jan. 26	0	701	1,491	190	220	18	1,980	4,600	0	700	0
27	0	701	1,490	190	537	142	2,040	5,100	0	700	0	1.51
28	0	701	1,496	189	518	18	2,078	5,000	0	700	.22	1.73
29	0	701	1,504	190	600	160	1,945	5,100	0	700	.76	2.49
30	0	701	1,505	189	817	71	2,517	5,800	0	700	0	2.49
31	0	701	1,505	190	494	0	2,510	5,400	0	700	.03	2.52
Feb. 1	0	701	1,502	170	528	0	2,199	5,100	0	700	0	0

1. Release directed to maintain a flow at Montague of 1,750 cfs. 2. Includes conservation release of 100 cfs from Rio Reservoir.

3. The interim excess-release quantity (IERQ) remaining on February 1, 2009 was 640 cfs-days.

Diversions by New Jersey through the D&R Canal January 26 - February 1, 2009 averaged 95.3 mgd. The average diversion for the 30-day period ending February 1, 2009 was 89.6 mgd and the maximum diversion during the period was 100 mg on January 28, 2009.

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Summary river data for February 2 - 8, 2009 (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, 2008 to date
	release begin 1200	release end 2400	release begin 1500	beginning 0800	beginning 0800	beginning 0800	
Feb. 2	453	969	65	453	0	345	509
3	453	971	59	451	0	297	510
4	445	971	42	451	0	99	511
5	322	800	42	451	0	0	510
6	196	303	42	450	0	0	510
7	125	163	42	450	0	0	510
8	120	163	42	449	0	0	510

Pepacton Reservoir (P):	Available storage Feb. 9, 2009 (0800) Spillway crest elevation 1,280.00 ft.	119.121 billion gals. 85.0 % (elev. 1,268.08 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Feb. 9, 2009 (0800) Spillway crest elevation 1,150.00 ft.	74.699 billion gals. 78.1 % (elev. 1,135.53 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Feb. 9, 2009 (0800) Spillway crest elevation 1,440.00 ft.	26.566 billion gals. 76.0 % (elev. 1,421.73 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Feb. 9, 2009 (0800) Combined capacity at spillway level.	220.386 billion gals. 81.4 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Feb. 8, 2009 (2400) Spillway crest elevation 1,190.00 ft.	16.610 billion gals. 46.9 % (elev. 1,179.7 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	Excess Release Credits <sup>3</sup>		Precipitation (inches)	
	Directed release <sup>1</sup>	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			Daily	Cumul.	Daily	Cumul.
	Feb. 2	0	701	1,499	101	492	0	2,307	5,100	0	700	0
3	0	701	1,497	101	555	0	2,146	5,000	0	700	.07	.07
4	0	701	1,499	101	598	53	2,348	5,300	0	700	.03	.10
5	0	701	1,502	91	621	177	1,808	4,900	0	700	0	.10
6	0	701	1,502	65	509	124	1,599	4,500	0	700	0	.10
7	0	688	1,238	65	353	0	1,356	3,700	0	700	0	.10
8	0	498	469	65	0	0	1,868	2,900	0	700	0	.10

1. Release directed to maintain a flow at Montague of 1,750 cfs. 2. Includes conservation release of 100 cfs from Rio Reservoir.

3. The interim excess-release quantity (IERQ) remaining on February 8, 2009 was 640 cfs-days.

Diversions by New Jersey through the D&R Canal February 2 - 8, 2009 averaged 96.3 mgd. The average diversion for the 30-day period ending February 8, 2009 was 93.5 mgd and the maximum diversion during the period was 100 mgd on January 28 and February 3, 2009.

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Summary river data for February 9 - 15, 2009 (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, 2008 to date
	release begin 1200	release end 2400	release begin 1500	beginning 0800	beginning 0800	beginning 0800	
Feb. 9	120	163	42	437	0	272	510
10	120	163	42	446	0	294	511
11	120	163	42	448	0	98	511
12	120	163	42	448	0	0	511
13	120	164	42	453	0	0	511
14	120	165	42	453	0	0	511
15	120	165	42	453	0	0	510

Pepacton Reservoir (P):	Available storage Feb. 16, 2009 (0800) Spillway crest elevation 1,280.00 ft.	119.605 billion gals. 85.3 % (elev. 1,268.36 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Feb. 16, 2009 (0800) Spillway crest elevation 1,150.00 ft.	80.695 billion gals. 84.3 % (elev. 1,139.87 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Feb. 16, 2009 (0800) Spillway crest elevation 1,440.00 ft.	26.351 billion gals. 75.4 % (elev. 1,421.20 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Feb. 16, 2009 (0800) Combined capacity at spillway level.	226.651 billion gals. 83.7 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Feb. 15, 2009 (2400) Spillway crest elevation 1,190.00 ft.	18.546 billion gals. 52.3 % (elev. 1,180.8 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	Excess Release Credits <sup>3</sup>		Precipitation (inches)	
	Directed release <sup>1</sup>	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			Daily	Cumul.	Daily	Cumul.
	Feb. 9	0	303	252	65	70	0	2,510	3,200	0	700	0
10	0	193	252	65	365	0	2,625	3,500	0	700	0	.10
11	0	186	252	65	413	0	2,584	3,500	0	700	0	.10
12	0	186	252	65	365	0	4,932	5,800	0	700	.15	.25
13	0	186	252	65	403	18	12,376	13,300	0	700	.17	.42
14	0	186	252	65	294	89	9,614	10,500	0	700	0	.42
15	0	186	254	65	0	0	7,195	7,700	0	700	0	.42

1. Release directed to maintain a flow at Montague of 1,750 cfs. 2. Includes conservation release of 100 cfs from Rio Reservoir.

3. The interim excess-release quantity (IERQ) remaining on February 15, 2009 was 640 cfs-days.

Diversions by New Jersey through the D&R Canal February 9 - 15, 2009 averaged 89.1 mgd. The average diversion for the 30-day period ending February 15, 2009 was 94.2 mgd and the maximum diversion during the period was 100 mgd on January 28 and February 3, 2009.

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Summary river data for February 16 - 22, 2009 (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, 2008 to date
	release begin 1200	release end 2400	release begin 1500	beginning 0800	beginning 0800	beginning 0800	
Feb. 16	120	165	42	453	0	3	510
17	120	165	42	453	158	313	512
18	120	166	42	449	200	314	514
19	121	166	42	449	202	103	514
20	120	164	42	449	199	0	515
21	119	162	42	450	199	0	515
22	100	162	42	449	200	0	516

Pepacton Reservoir (P):	Available storage Feb. 23, 2009 (0800) Spillway crest elevation 1,280.00 ft.	118.545 billion gals. 84.6 % (elev. 1,267.74 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Feb. 23, 2009 (0800) Spillway crest elevation 1,150.00 ft.	82.276 billion gals. 86.0 % (elev. 1,140.97 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Feb. 23, 2009 (0800) Spillway crest elevation 1,440.00 ft.	25.800 billion gals. 73.8 % (elev. 1,419.91 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Feb. 23, 2009 (0800) Combined capacity at spillway level.	226.621 billion gals. 83.7 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Feb. 22, 2009 (2400) Spillway crest elevation 1,190.00 ft.	19.256 billion gals. 54.3 % (elev. 1,181.2 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	Excess Release Credits <sup>3</sup>		Precipitation (inches)	
	Directed release <sup>1</sup>	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			Daily	Cumul.	Daily	Cumul.
	Feb. 16	0	186	255	65	61	0	5,933	6,500	0	700	0
17	0	186	255	65	388	0	4,906	5,800	0	700	0	.42
18	0	186	255	65	305	0	4,389	5,200	0	700	0	.42
19	0	186	255	65	422	0	4,072	5,000	0	700	.27	.69
20	0	186	257	65	505	124	3,963	5,100	0	700	.10	.79
21	0	186	257	65	326	89	3,477	4,400	0	700	0	.79
22	0	187	254	65	0	0	3,494	4,000	0	700	.03	.82

1. Release directed to maintain a flow at Montague of 1,750 cfs. 2. Includes conservation release of 100 cfs from Rio Reservoir.

3. The interim excess-release quantity (IERQ) remaining on February 22, 2009 was 640 cfs-days.

Diversions by New Jersey through the D&R Canal February 16 - 22, 2009 averaged 87.6 mgd. The average diversion for the 30-day period ending February 22, 2009 was 92.3 mgd and the maximum diversion during the period was 100 mgd on January 28 and February 3, 2009.