

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA.

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

Summary river data for February 5 -11, 2007 (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, 2006 to date
	release begin 1200	release end 2400	release begin 1500	beginning 0800	beginning 0800	beginning 0800	
Feb. 5	421	595	55	466	143	155	439
6	418	581	55	462	143	157	440
7	441	648	55	451	141	74	441
8	348	598	55	458	143	98	442
9	248	436	55	458	127	123	443
10	160	290	55	459	0	0	443
11	120	177	55	457	2	0	443

Pepacton Reservoir (P):	Available storage Feb. 12, 2007 (0800) Spillway crest elevation 1,280.00 ft.	128.972 billion gals. 92.0 % (elev. 1,273.78 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Feb. 12, 2007 (0800) Spillway crest elevation 1,150.00 ft.	88.845 billion gals. 92.8 % (elev. 1,145.49 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Feb. 12, 2007 (0800) Spillway crest elevation 1,440.00 ft.	32.103 billion gals. 91.9 % (elev. 1,434.12 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Feb. 12, 2007 (0800) Combined capacity at spillway level.	249.920 billion gals. 92.3 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Feb. 11, 2007 (2400) Spillway crest elevation 1,190.00 ft.	20.690 billion gals. 58.4 % (elev. 1,182.0 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 <sup>2</sup>	Total Discharge	Precipitation (inches)	
	Directed release <sup>1</sup>	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			Daily	Cumul.
	Feb. 5	0	699	996	85	36	0	1,584	3,400	0
6	0	699	995	85	382	0	1,339	3,500	0	.13
7	0	688	920	85	257	0	1,450	3,400	0	.13
8	0	651	899	85	378	0	1,587	3,600	0	.13
9	0	647	1,002	85	446	0	1,920	4,100	0	.13
10	0	682	925	85	258	0	1,850	3,800	0	.13
11	0	538	674	85	0	0	1,503	2,800	0	.13

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

2. Includes conservation release of 60 cfs from Rio Reservoir.

Diversions by New Jersey through the Delaware and Raritan Canal February 5 - 11, 2007, averaged 95.0 mgd. The average diversion for the 30-day period ending February 11, 2007 was 94.0 mgd and the maximum daily diversion was 99 mg on February 7, 9, and 10, 2007.

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Summary river data for February 12 -18, 2007 (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, 2006 to date
	release begin 1200	release end 2400	release begin 1500	beginning 0800	beginning 0800	beginning 0800	
Feb. 12	120	161	55	457	141	124	444
13	120	161	55	458	137	221	446
14	120	164	55	458	137	228	447
15	127	164	55	368	135	193	448
16	200	271	55	353	134	75	449
17	145	648	55	352	0	0	448
18	176	650	55	351	11	0	448

Pepacton Reservoir (P):	Available storage Feb. 19, 2007 (0800) Spillway crest elevation 1,280.00 ft.	126.412 billion gals. 90.2 % (elev. 1,272.32 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Feb. 19, 2007 (0800) Spillway crest elevation 1,150.00 ft.	87.161 billion gals. 91.1 % (elev. 1,144.35 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Feb. 19, 2007 (0800) Spillway crest elevation 1,440.00 ft.	31.332 billion gals. 89.7 % (elev. 1,432.47 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Feb. 19, 2007 (0800) Combined capacity at spillway level.	244.905 billion gals. 90.4 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Feb. 18, 2007 (2400) Spillway crest elevation 1,190.00 ft.	20.511 billion gals. 57.9 % (elev. 1,181.9 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	Precipitation (inches)	
	Directed release <sup>1</sup>	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			Daily	Cumul.
	Feb. 12	0	384	449	85	36	0	1,646	2,600	0
13	0	248	274	85	356	0	1,637	2,600	0	.13
14	0	186	249	85	445	0	1,635	2,600	1.07	1.20
15	0	186	249	85	484	0	1,596	2,600	1.30	2.50
16	0	186	254	85	427	0	1,548	2,500	0	2.50
17	0	186	254	85	338	0	1,537	2,400	0	2.50
18	0	196	419	85	0	0	1,600	2,300	0	2.50

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

2. Includes conservation release of 60 cfs from Rio Reservoir.

Diversions by New Jersey through the Delaware and Raritan Canal February 12 - 18, 2007, averaged 98.9 mgd. The average diversion for the 30-day period ending February 18, 2007 was 94.7 mgd and the maximum daily diversion was 103 mgd on February 15, 2007.

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Summary river data for February 19 -25, 2007 (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, 2006 to date
	release begin 1200	release end 2400	release begin 1500	beginning 0800	beginning 0800	beginning 0800	
Feb. 19	120	650	55	350	154	0	448
20	120	648	55	349	200	104	449
21	120	647	55	3	266	108	449
22	120	644	55	305	298	108	450
23	120	645	55	352	298	109	451
24	120	647	55	348	294	0	452
25	120	645	55	351	298	0	452

Pepacton Reservoir (P):	Available storage Feb. 26, 2007 (0800) Spillway crest elevation 1,280.00 ft.	124.430 billion gals. 88.8 % (elev. 1,271.18 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Feb. 26, 2007 (0800) Spillway crest elevation 1,150.00 ft.	81.958 billion gals. 85.6 % (elev. 1,140.75 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Feb. 26, 2007 (0800) Spillway crest elevation 1,440.00 ft.	30.845 billion gals. 88.3 % (elev. 1,431.42 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Feb. 26, 2007 (0800) Combined capacity at spillway level.	237.233 billion gals. 87.6 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Feb. 25, 2007 (2400) Spillway crest elevation 1,190.00 ft.	19.794 billion gals. 55.8 % (elev. 1,181.5 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	Precipitation (inches)	
	Directed release <sup>1</sup>	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			Daily	Cumul.
	Feb. 19	0	309	619	85	95	0	1,592	2,700	0
20	0	303	1,006	85	372	0	1,634	3,400	0	2.50
21	0	210	1,006	85	445	0	1,954	3,700	0	2.50
22	0	186	1,002	85	408	0	1,819	3,500	0	2.50
23	0	186	1,001	85	472	0	1,756	3,500	.17	2.67
24	0	186	996	85	398	0	1,735	3,400	0	2.67
25	0	186	998	85	0	0	1,731	3,000	0	2.67

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

2. Includes conservation release of 60 cfs from Rio Reservoir.

Diversions by New Jersey through the Delaware and Raritan Canal February 19 - 25, 2007, averaged 98.4 mgd. The average diversion for the 30-day period ending February 25, 2007 was 95.8 mgd and the maximum daily diversion was 104 mgd on February 21, 2007.

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Summary river data for February 26 to March 4, 2007 (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, 2006 to date
	release begin 1200	release end 2400	release begin 1500	beginning 0800	beginning 0800	beginning 0800	
Feb. 26	120	587	55	351	224	110	453
27	120	434	55	351	198	107	454
28	120	306	55	351	200	113	455
Mar. 1	120	290	55	350	200	112	455
2	120	290	55	352	125	107	456
3	120	289	55	353	0	0	456
4	120	289	55	354	12	0	455

Pepacton Reservoir (P):	Available storage Mar. 5, 2007 (0800) Spillway crest elevation 1,280.00 ft.	122.894 billion gals. 87.7 % (elev. 1,270.29 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Mar. 5, 2007 (0800) Spillway crest elevation 1,150.00 ft.	80.447 billion gals. 84.1 % (elev. 1,139.69 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Mar. 5, 2007 (0800) Spillway crest elevation 1,440.00 ft.	30.616 billion gals. 87.6 % (elev. 1,430.92 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Mar. 5, 2007 (0800) Combined capacity at spillway level.	233.957 billion gals. 86.4 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Mar. 4, 2007 (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	Precipitation (inches)	
	Directed release <sup>1</sup>	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			Daily	Cumul.
	Feb. 26	0	186	1,001	85	51	0	1,777	3,100	.26
27	0	186	998	85	688	0	1,943	3,900	.03	2.96
28	0	186	908	85	749	0	1,972	3,900	0	2.96
Mar. 1	0	186	671	85	1,351	0	2,107	4,400	0	0
2	0	186	473	85	1,689	0	5,067	7,500	.80	.80
3	0	186	449	85	1,295	0	5,485	7,500	.11	.91
4	0	186	449	85	668	0	5,412	6,800	.01	.92

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

2. Includes conservation release of 60 cfs from Rio Reservoir.

Diversions by New Jersey through the Delaware and Raritan Canal February 26 to March 4, 2007, averaged 75.9 mgd. The average diversion for the 30-day period ending March 4, 2007 was 92.0 mgd and the maximum daily diversion was 104 mg on February 21, 2007.