

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA.

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

Summary river data for March 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	
Mar. 5	120	289	55	350	136	109	456
6	120	352	55	354	135	107	456
7	120	600	55	354	135	110	457
8	120	642	55	353	198	109	457
9	120	607	55	350	196	107	458
10	115	489	52	338	39	0	458
11	120	319	55	353	12	0	458

Pepacton Reservoir (P):	Available storage Mar. 12, 2007 (0800) Spillway crest elevation 1,280.00 ft.	121.077 billion gals. 86.4 % (elev. 1,269.23 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Mar. 12, 2007 (0800) Spillway crest elevation 1,150.00 ft.	78.457 billion gals. 82.0 % (elev. 1,138.25 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Mar. 12, 2007 (0800) Spillway crest elevation 1,440.00 ft.	30.114 billion gals. 86.2 % (elev. 1,429.82 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Mar.12, 2007 (0800) Combined capacity at spillway level.	229.648 billion gals. 84.8 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Mar. 11, 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.
	Mar. 5	0	186	447	85	382	0	5,100	6,200	0
6	0	186	447	85	303	0	3,579	4,600	.02	.94
7	0	186	447	85	544	0	2,638	3,900	.02	.96
8	0	186	545	85	367	0	2,417	3,600	0	.96
9	0	186	928	85	268	0	2,633	4,100	0	.96
10	0	186	993	85	215	0	2,421	3,900	0	.96
11	0	186	939	85	0	0	2,490	3,700	.22	1.18

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 March 5 - 11, 2007, averaged 85.4 mgd. The average diversion for the 30-day period ending March 11, 2007 was 90.2 mgd and the maximum daily diversion was 104 mgd on February 21, 2007.

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Summary river data for March 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	
Mar. 12	120	182	64	353	200	103	458
13	120	165	51	357	199	106	459
14	119	165	52	376	200	104	460
15	65	135	42	6	3	0	458
16	117	118	42	0	0	0	457
17	120	454	42	0	0	0	455
18	125	648	42	0	0	0	453

Pepacton Reservoir (P):	Available storage Mar. 19, 2007 (0800) Spillway crest elevation 1,280.00 ft.	130.581 billion gals. 93.1 % (elev. 1,274.69 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Mar. 19, 2007 (0800) Spillway crest elevation 1,150.00 ft.	92.512 billion gals. 96.7 % (elev. 1,147.90 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Mar. 19, 2007 (0800) Spillway crest elevation 1,440.00 ft.	31.466 billion gals. 90.1 % (elev. 1,432.76 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Mar.19, 2007 (0800) Combined capacity at spillway level.	254.559 billion gals. 94.0 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Mar. 18, 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.
	Mar. 12	0	186	756	80	23	0	3,055	4,100	0
13	0	178	493	85	179	0	3,665	4,600	0	1.18
14	0	186	282	99	175	0	5,058	5,800	0	1.18
15	0	186	255	79	206	78	14,496	15,300	.18	1.36
16	0	186	255	80	185	305	25,089	26,100	.11	1.47
17	0	184	209	65	243	571	14,828	16,100	1.32	2.79
18	0	101	183	65	0	759	11,692	12,800	.01	2.80

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 March 12 - 18, 2007, averaged 85.3 mgd. The average diversion for the 30-day period ending March 18, 2007 was 87.2 mgd and the maximum daily diversion was 104 mgd on February 21, 2007.

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Summary river data for March 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	spill begin 0800	release begin 1500	beginning 0800	beginning 0800	beginning 0800		
Mar. 19	365	649	0	42	143	0	61	453	
20	452	648	0	106	152	0	63	452	
21	452	647	0	123	151	0	61	451	
22	452	644	0	123	312	0	58	451	
23	452	646	82	122	351	0	50	450	
24	452	650	602	123	351	0	0	450	
25	452	599	1,591	122	351	0	0	450	

Pepacton Reservoir (P):	Available storage Mar. 26, 2007 (0800) Spillway crest elevation 1,280.00 ft.	135.874 billion gals. 96.9 % (elev. 1,277.64 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Mar. 26, 2007 (0800) Spillway crest elevation 1,150.00 ft.	99.697 billion gals. 104.2 % (elev. 1,152.48 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Mar. 26, 2007 (0800) Spillway crest elevation 1,440.00 ft.	32.241 billion gals. 92.3 % (elev. 1,434.41 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Mar.26, 2007 (0800) Combined capacity at spillway level.	267.812 billion gals. 98.9 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Mar. 25, 2007 (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	Precipitation (inches)	
	Directed release <sup>1</sup>	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			Daily	Cumul.
	Mar. 19	0	181	702	65	4	759	8,889	10,600	0
20	0	186	1,002	65	199	748	7,070	9,270	.30	3.10
21	0	193	1,004	65	264	138	6,476	8,140	0	3.10
22	0	565	1,002	164	774	78	5,817	8,400	0	3.10
23	0	699	1,001	190	834	312	10,864	13,900	.05	3.15
24	0	699	996	190	832	248	15,135	18,100	0	3.15
25	0	699	999	189	549	255	18,009	20,700	.30	3.45

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 March 19 - 25, 2007, averaged 81.1 mgd. The average diversion for the 30-day period ending March 25, 2007 was 83.1 mgd and the maximum daily diversion was 99 mgd on February 24, 2007.

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Summary river data for March 26 - April 1, 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	spill begin 0800	release end 2400	spill begin 0800	release begin 1500	spill begin 0800	beginning 0800	beginning 0800	beginning 0800	
Mar. 26	452	0	152	2,299	123	0	36	0	0	448
27	452	5	51	3,072	114	0	0	0	0	447
28	318	761	29	3,598	66	0	0	0	0	445
29	28	1,573	28	3,215	118	0	0	0	0	444
30	45	1,494	30	2,576	118	0	0	0	0	443
31	307	1,161	424	1,896	116	108	0	0	0	441
Apr. 1	452	754	635	1,310	110	235	0	0	0	440

Pepacton Reservoir (P):	Available storage Apr. 2, 2007 (0800) Spillway crest elevation 1,280.00 ft.	141.227 billion gals. 100.7 % (elev. 1,280.56 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Apr. 2, 2007 (0800) Spillway crest elevation 1,150.00 ft.	98.523 billion gals. 102.9 % (elev. 1,151.75 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Apr. 2, 2007 (0800) Spillway crest elevation 1,440.00 ft.	35.125 billion gals. 100.5 % (elev. 1,440.37 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Apr.2, 2007 (0800) Combined capacity at spillway level.	274.875 billion gals. 101.5 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Apr. 1, 2007 (2400) Spillway crest elevation 1,190.00 ft.	26.315 billion gals. 74.2 % (elev. 1,185.1 ft.) 35.451 billion gallons.

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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.
	Mar. 26	0	699	1,006	190	229	447	21,829	24,400	0
27	0	699	927	189	349	766	23,470	26,400	.16	3.61
28	0	699	235	190	469	766	31,641	34,000	0	3.61
29	0	699	79	176	611	759	28,276	30,600	0	3.61
30	0	699	45	102	786	770	22,198	24,600	0	3.61
31	0	492	43	183	780	770	18,132	20,400	0	3.61
Apr. 1	0	43	46	183	642	770	16,116	17,800	0	0

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 March 26 - April 1, 2007, averaged 88.3 mgd. The average diversion for the 30-day period ending April 1, 2007 was 84.3 mgd and the maximum daily diversion was 93 mgd on March 15, 2007.