

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA.

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

Summary river data for March 1 - 7, 2010 (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, 2009 to date
	release begin 1200	release end 2400	release begin 1500	beginning 0800	beginning 0800	beginning 0800	
Mar. 1	452	965	123	430	0	0	442
2	453	968	123	425	0	0	442
3	453	969	104	424	0	0	442
4	453	969	65	263	0	0	441
5	453	968	65	295	0	0	441
6	453	969	65	294	0	0	440
7	453	969	65	293	0	0	440

Pepacton Reservoir (P):	Available storage Mar. 8, 2010 (0800) Spillway crest elevation 1,280.00 ft.	119.359 billion gals. 85.1 % (elev. 1,268.22 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Mar. 8, 2010 (0800) Spillway crest elevation 1,150.00 ft.	76.771 billion gals. 80.2 % (elev. 1,137.03 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Mar. 8, 2010 (0800) Spillway crest elevation 1,440.00 ft.	28.250 billion gals. 80.9 % (elev. 1,425.64 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Mar. 8, 2010 (0800) Combined capacity at spillway level.	224.380 billion gals. 82.8 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Mar. 7, 2010 (2400) Spillway crest elevation 1,190.00 ft.	15.026 billion gals. 42.4 % (elev. 1,178.8 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 ²	Total Discharge	Precipitation (inches)	
	Directed release ¹	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			Daily	Cumul.
	Mar. 1	0	569	1,493	190	1,548	124	2,406	6,330	.05
2	0	715	1,497	190	828	213	2,137	5,580	0	.05
3	0	699	1,493	190	701	89	2,248	5,420	.06	.11
4	0	699	1,497	190	687	0	2,437	5,510	0	.11
5	0	701	1,499	161	774	160	2,415	5,710	0	.11
6	0	701	1,499	101	499	142	2,528	5,470	0	.11
7	0	701	1,497	101	0	0	2,681	4,980	0	.11

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 March 1 - 7, 2010 averaged 42.3 mgd. The average diversion for the 30-day period ending March 7, 2010 was 58.8 mgd and the maximum diversion during the period was 82 mg on February 12, 2010.

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Summary river data for March 8 - 14, 2010 (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, 2009 to date
	release begin 1200	release end 2400	release begin 1500	beginning 0800	beginning 0800	beginning 0800	
Mar. 8	454	970	65	297	0	0	439
9	453	968	65	294	0	0	439
10	325	968	76	270	0	0	438
11	450	965	123	16	0	0	437
12	453	966	123	0	0	0	435
13	435	968	115	0	0	0	434
14	453	929	123	0	0	0	432

Pepacton Reservoir (P):	Available storage Mar. 15, 2010 (0800) Spillway crest elevation 1,280.00 ft.	124.777 billion gals. 89.0 % (elev. 1,271.38 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Mar. 15, 2010 (0800) Spillway crest elevation 1,150.00 ft.	79.396 billion gals. 83.0 % (elev. 1,138.93 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Mar. 15, 2010 (0800) Spillway crest elevation 1,440.00 ft.	29.874 billion gals. 85.5 % (elev. 1,429.29 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Mar. 15, 2010 (0800) Combined capacity at spillway level.	234.047 billion gals. 86.4 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Mar. 14, 2010 (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 ²	Total Discharge	Precipitation (inches)	
	Directed release ¹	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			Daily	Cumul.
	Mar. 8	0	701	1,499	101	0	0	3,109	5,410	0
9	0	701	1,499	101	445	160	3,794	6,700	0	.11
10	0	701	1,501	101	322	142	5,063	7,830	0	.11
11	0	702	1,497	101	373	0	5,987	8,660	0	.11
12	0	701	1,497	118	458	195	9,931	12,900	0	.11
13	0	503	1,493	190	413	851	15,050	18,500	.10	.21
14	0	696	1,494	190	0	585	27,935	30,900	.90	1.11

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 March 8 - 14, 2010 averaged 6.1 mgd. The average diversion for the 30-day period ending March 14, 2010 was 42.9 mgd and the maximum diversion during the period was 78 mgd on February 16, 2010.

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Summary river data for March 15 - 21, 2010 (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, 2009 to date
	release begin 1200	release end 2400	release begin 1500	beginning 0800	beginning 0800	beginning 0800	
Mar. 15	453	976	118	376	175	340	434
16	388	945	76	447	199	401	436
17	386	841	42	298	0	218	436
18	323	741	42	296	0	218	436
19	330	614	42	198	0	2	436
20	254	554	42	198	0	0	435
21	258	452	42	196	0	0	434

Pepacton Reservoir (P):	Available storage Mar. 22, 2010 (0800) Spillway crest elevation 1,280.00 ft.	136.690 billion gals. 97.5 % (elev. 1,278.09 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Mar. 22, 2010 (0800) Spillway crest elevation 1,150.00 ft.	89.712 billion gals. 93.7 % (elev. 1,146.06 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Mar. 22, 2010 (0800) Spillway crest elevation 1,440.00 ft.	32.449 billion gals. 92.9 % (elev. 1,434.85 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Mar. 22, 2010 (0800) Combined capacity at spillway level.	258.851 billion gals. 95.6 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Mar. 21, 2010 (2400) Spillway crest elevation 1,190.00 ft.	23.030 billion gals. 65.0 % (elev. 1,183.3 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.
	Mar. 15	0	701	1,497	178	0	851	28,973	32,200	.09
16	0	673	1,437	190	389	851	22,260	25,800	.03	1.23
17	0	701	1,510	183	401	851	17,254	20,900	0	1.23
18	0	701	1,462	118	755	851	14,013	17,900	0	1.23
19	0	600	1,301	65	677	851	12,206	15,700	0	1.23
20	0	597	1,146	65	1,027	851	10,614	14,300	0	1.23
21	0	500	950	65	935	851	9,599	12,900	0	1.23

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 March 15 - 21, 2010 averaged 35.3 mgd. The average diversion for the 30-day period ending March 21, 2010 was 34.3 mgd and the maximum diversion during the period was 58 mgd on February 27 and March 21, 2010.

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Summary river data for March 22 - 28, 2010 (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, 2009 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. 22	164	78	354	0	61	0	2	0	0	433
23	42	3,765	238	151	123	1,052	0	0	0	431
24	42	3,543	252	1,232	123	712	0	0	0	430
25	42	2,502	345	1,683	123	473	0	0	0	428
26	42	2,007	439	1,659	123	436	0	0	0	427
27	42	1,522	538	1,348	123	313	0	0	0	425
28	116	1,245	641	1,009	107	307	0	0	0	424

Pepacton Reservoir (P):	Available storage Mar. 29, 2010 (0800) Spillway crest elevation 1,280.00 ft.	141.857 billion gals. 101.2 % (elev. 1,280.90 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Mar. 29, 2010 (0800) Spillway crest elevation 1,150.00 ft.	98.152 billion gals. 102.6 % (elev. 1,151.52 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Mar. 29, 2010 (0800) Spillway crest elevation 1,440.00 ft.	35.324 billion gals. 101.1 % (elev. 1,440.77 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Mar. 29, 2010 (0800) Combined capacity at spillway level.	275.333 billion gals. 101.7 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Mar. 28, 2010 (2400) Spillway crest elevation 1,190.00 ft.	22.665 billion gals. 63.9 % (elev. 1,183.1 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.
	Mar. 22	0	511	857	65	836	851	8,880	12,000	0
23	0	393	699	65	1,623	851	21,969	25,600	1.68	2.91
24	0	399	548	94	1,671	851	32,137	35,700	.01	2.92
25	0	254	368	190	1,675	851	24,862	28,200	0	2.92
26	0	65	390	190	1,382	851	20,422	23,300	.32	3.24
27	0	65	534	190	710	851	17,850	20,200	0	3.24
28	0	65	679	190	623	851	14,692	17,100	0	3.24

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 March 22 - 28, 2010 averaged 76.1 mgd. The average diversion for the 30-day period ending March 28, 2010 was 54.1 mgd and the maximum diversion during the period was 102 mg on March 22, 2010.