

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA.

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

Summary river data for March 30 - April 5, 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	spill begin 0800	release begin 1500	beginning 0800	beginning 0800	beginning 0800	
Mar. 30	55	677	0	42	451	0	102	500
31	55	425	0	42	447	0	54	500
Apr. 1	55	192	8	42	451	0	53	500
2	55	237	50	42	451	0	52	500
3	55	484	77	42	400	0	0	500
4	55	745	109	42	400	0	0	500
5	55	951	78	42	180	0	244	500

Pepacton Reservoir (P):	Available storage Apr. 6, 2009 (0800) Spillway crest elevation 1,280.00 ft.	135.892 billion gals. 96.9 % (elev. 1,277.65 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Apr. 6, 2009 (0800) Spillway crest elevation 1,150.00 ft.	96.124 billion gals. 100.4 % (elev. 1,150.26 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Apr. 6, 2009 (0800) Spillway crest elevation 1,440.00 ft.	34.670 billion gals. 99.2 % (elev. 1,439.45 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Apr. 6, 2009 (0800) Combined capacity at spillway level.	266.686 billion gals. 98.5 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Apr. 5, 2009 (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.
	Mar. 30	0	85	1,109	65	35	426	5,150	6,870	.51
31	0	85	1,159	65	144	426	5,731	7,610	0	2.32
Apr. 1	0	84	1,047	65	140	426	4,658	6,420	0	0
2	0	85	657	65	141	248	4,544	5,740	.17	.17
3	0	85	297	65	179	284	4,940	5,850	.02	.19
4	0	85	367	65	156	248	8,789	9,710	.70	.89
5	0	85	749	65	0	266	9,735	10,900	.01	.90

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 30 - April 5, 2009 averaged 86.1 mgd. The average diversion for the 30-day period ending April 5, 2009 was 86.4 mgd and the maximum diversion during the period was 93 mgd on March 26 and 28, 2009.

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Summary river data for April 6 - 12, 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	spill begin 0800	release begin 1500	beginning 0800	beginning 0800	beginning 0800	
Apr. 6	55	969	43	42	0	0	453	499
7	55	969	23	42	189	0	309	499
8	55	968	0	42	6	0	303	499
9	55	890	0	42	0	0	310	498
10	55	530	0	42	209	0	311	498
11	55	124	11	42	247	0	309	498
12	55	153	74	42	246	0	311	499

Pepacton Reservoir (P):	Available storage Apr. 13, 2009 (0800) Spillway crest elevation 1,280.00 ft.	138.535 billion gals. 98.8 % (elev. 1,279.10 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Apr. 13, 2009 (0800) Spillway crest elevation 1,150.00 ft.	96.301 billion gals. 100.6 % (elev. 1,150.37 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Apr. 13, 2009 (0800) Spillway crest elevation 1,440.00 ft.	33.838 billion gals. 96.8 % (elev. 1,437.75 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Apr. 13, 2009 (0800) Combined capacity at spillway level.	268.674 billion gals. 99.2 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Apr. 12, 2009 (2400) Spillway crest elevation 1,190.00 ft.	24.307 billion gals. 68.6 % (elev. 1,184.0 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 ²	Total Discharge	Precipitation (inches)	
	Directed release ¹	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			Daily	Cumul.
	Apr. 6	0	85	1,153	65	0	284	7,893	9,480	0
7	0	85	1,471	65	20	35	7,484	9,160	.20	1.10
8	0	85	1,499	65	495	160	6,606	8,910	0	1.10
9	0	85	1,499	65	404	266	5,621	7,940	.01	1.11
10	0	85	1,497	65	382	106	4,875	7,010	0	1.11
11	0	85	1,377	65	431	0	4,192	6,150	.18	1.29
12	0	85	820	65	0	0	4,270	5,240	.02	1.31

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 April 6 - 12, 2009 averaged 84.0 mgd. The average diversion for the 30-day period ending April 12, 2009 was 86.9 mgd and the maximum diversion during the period was 93 mgd on March 26 and 28, 2009.

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Summary river data for April 13 - 19, 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	spill begin 0800	release begin 1500	beginning 0800	beginning 0800	beginning 0800	
Apr. 13	55	406	100	42	418	0	311	499
14	55	667	52	42	451	0	114	500
15	56	932	0	42	245	50	108	499
16	56	968	0	42	201	50	107	499
17	55	868	0	42	399	126	209	500
18	56	500	0	42	399	0	0	499
19	55	113	0	42	398	0	0	499

Pepacton Reservoir (P):	Available storage Apr. 20, 2009 (0800) Spillway crest elevation 1,280.00 ft.	138.149 billion gals. 98.5 % (elev. 1,278.89 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Apr. 20, 2009 (0800) Spillway crest elevation 1,150.00 ft.	94.322 billion gals. 98.6 % (elev. 1,149.09 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Apr. 20, 2009 (0800) Spillway crest elevation 1,440.00 ft.	33.659 billion gals. 96.3 % (elev. 1,437.38 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Apr. 20, 2009 (0800) Combined capacity at spillway level.	266.130 billion gals. 98.3 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Apr. 19, 2009 (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.
	Apr. 13	0	85	192	65	0	0	4,118	4,460	0
14	0	85	237	65	0	0	3,953	4,340	0	1.31
15	0	85	628	65	0	0	3,792	4,570	.04	1.35
16	0	85	1,032	65	27	71	3,500	4,780	0	1.35
17	0	85	1,442	65	0	0	3,018	4,610	0	1.35
18	0	87	1,497	65	0	71	2,700	4,420	0	1.35
19	0	87	1,343	65	0	0	2,325	3,820	0	1.35

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 April 13 - 19, 2009 averaged 82.0 mgd. The average diversion for the 30-day period ending April 19, 2009 was 86.2 mgd and the maximum diversion during the period was 93 mgd on March 26 and 28, 2009.

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Summary river data for April 20 - 26, 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	
Apr. 20	55	77	42	323	203	215	500
21	54	74	42	401	137	101	500
22	54	73	42	397	124	100	500
23	55	72	42	323	100	104	501
24	55	72	42	300	201	210	501
25	55	72	42	301	187	0	501
26	55	72	42	300	200	2	501

Pepacton Reservoir (P):	Available storage Apr. 27, 2009 (0800) Spillway crest elevation 1,280.00 ft.	137.839 billion gals. 98.3 % (elev. 1,278.72 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Apr. 27, 2009 (0800) Spillway crest elevation 1,150.00 ft.	95.265 billion gals. 99.5 % (elev. 1,149.71 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Apr. 27, 2009 (0800) Spillway crest elevation 1,440.00 ft.	33.664 billion gals. 96.3 % (elev. 1,437.39 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Apr. 27, 2009 (0800) Combined capacity at spillway level.	266.768 billion gals. 98.5 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Apr. 26, 2009 (2400) Spillway crest elevation 1,190.00 ft.	26.862 billion gals. 75.8 % (elev. 1,185.4 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.
	Apr. 20	0	85	774	65	0	177	2,319	3,420	0
21	0	87	175	65	0	426	2,917	3,670	.64	1.99
22	0	85	119	65	0	426	4,085	4,780	.20	2.19
23	0	85	114	65	27	301	4,028	4,620	.02	2.21
24	0	84	113	65	0	284	3,534	4,080	0	2.21
25	0	84	111	65	0	106	3,174	3,540	0	2.21
26	0	85	111	65	0	0	2,949	3,210	0	2.21

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 April 20 - 26, 2009 averaged 82.1 mgd. The average diversion for the 30-day period ending April 26, 2009 was 84.1 mgd and the maximum diversion during the period was 93 mgd on March 28, 2009.