

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA.

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

Summary river data for March 26 - April 1, 2012 (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, 2011 to date
	release begin 1200	release end 2400	release begin 1500	beginning 0800	beginning 0800	beginning 0800	
Mar. 26	65	115	49	409	216	109	566
27	65	115	49	363	285	100	567
28	65	115	49	349	298	98	567
29	65	114	49	351	300	103	568
30	65	116	49	351	300	104	569
31	65	115	49	351	299	0	569
Apr. 1	65	115	47	351	299	0	569

Pepacton Reservoir (P): Available storage Apr. 2, 2012 (0800) 124.863 billion gals. 89.1 % (elev. 1,271.43 ft.)
 Spillway crest elevation 1,280.00 ft. 140.190 billion gallons.

Cannonsville Reservoir (C): Available storage Apr. 2, 2012 (0800) 87.782 billion gals. 91.7 % (elev. 1,144.78 ft.)
 Spillway crest elevation 1,150.00 ft. 95.706 billion gallons.

Neversink Reservoir (N): Available storage Apr. 2, 2012 (0800) 31.799 billion gals. 91.0 % (elev. 1,433.47 ft.)
 Spillway crest elevation 1,440.00 ft. 34.941 billion gallons.

Combined contents, PCN: Available storage Apr. 2, 2012 (0800) 244.444 billion gals. 90.3 %
 Combined capacity at spillway level. 270.837 billion gallons.

Lake Wallenpaupack: Available storage Apr. 1, 2012 (2400) 21.944 billion gals. 61.9 % (elev. 1,182.7 ft.)
 Spillway crest elevation 1,190.00 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. 26	0	101	173	76	0	106	2,754	3,210	0
27	0	102	176	76	365	230	2,501	3,450	0	1.58
28	0	101	178	76	202	213	2,310	3,080	0	1.58
29	0	101	178	76	220	71	2,314	2,960	.07	1.65
30	0	101	178	76	189	71	2,235	2,850	0	1.65
31	0	101	176	76	199	71	2,197	2,820	.39	2.04
Apr. 1	0	101	179	76	0	71	2,583	3,010	.01	.01

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 26 - April 1, 2012 averaged 76.7 mgd. The average diversion for the 30-day period ending April 1, 2012 was 77.2 mgd and the maximum diversion during the period was 85 mgd on March 25, 2012.

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Summary river data for April 2 - 8, 2012 (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, 2011 to date
	release begin 1200	release end 2400	release begin 1500	beginning 0800	beginning 0800	beginning 0800	
Apr. 2	47	113	32	351	299	105	570
3	46	113	32	351	299	104	570
4	46	113	32	350	299	103	571
5	45	112	32	351	299	105	571
6	45	114	32	351	299	104	572
7	45	114	32	351	299	0	572
8	45	114	32	351	299	0	573

Pepacton Reservoir (P):	Available storage Apr. 9, 2012 (0800) Spillway crest elevation 1,280.00 ft.	124.031 billion gals. 88.5 % (elev. 1,270.95 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Apr. 9, 2012 (0800) Spillway crest elevation 1,150.00 ft.	86.727 billion gals. 90.6 % (elev. 1,144.05 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Apr. 9, 2012 (0800) Spillway crest elevation 1,440.00 ft.	31.710 billion gals. 90.8 % (elev. 1,433.28 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Apr. 9, 2012 (0800) Combined capacity at spillway level.	242.468 billion gals. 89.5 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Apr. 8, 2012 (2400) Spillway crest elevation 1,190.00 ft.	22.482 billion gals. 63.4 % (elev. 1,183.0 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. 2	0	101	178	76	0	71	3,054	3,480	.30
3	0	101	178	73	0	106	3,212	3,670	0	.32
4	0	101	175	50	0	35	2,849	3,210	0	.32
5	0	73	175	50	0	0	2,582	2,880	0	.32
6	0	71	175	50	0	0	2,354	2,650	0	.32
7	0	71	173	50	0	0	2,216	2,510	0	.32
8	0	70	176	50	0	0	2,074	2,370	0	.32

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 2 - 8, 2012 are currently unavailable.

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Summary river data for April 9 - 15, 2012 (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, 2011 to date
	release begin 1200	release end 2400	release begin 1500	beginning 0800	beginning 0800	beginning 0800	
Apr. 9	45	114	32	226	216	0	572
10	45	114	32	200	199	0	572
11	45	114	32	200	183	0	571
12	45	114	32	360	289	0	571
13	46	114	32	400	298	0	572
14	46	114	32	400	298	0	572
15	46	114	32	400	298	0	572

Pepacton Reservoir (P):	Available storage Apr. 16, 2012 (0800) Spillway crest elevation 1,280.00 ft.	122.981 billion gals. 87.7 % (elev. 1,270.34 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Apr. 16, 2012 (0800) Spillway crest elevation 1,150.00 ft.	85.586 billion gals. 89.4 % (elev. 1,143.26 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Apr. 16, 2012 (0800) Spillway crest elevation 1,440.00 ft.	31.962 billion gals. 91.5 % (elev. 1,433.82 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Apr. 16, 2012 (0800) Combined capacity at spillway level.	240.529 billion gals. 88.8 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Apr. 15, 2012 (2400) Spillway crest elevation 1,190.00 ft.	22.847 billion gals. 64.4 % (elev. 1,183.2 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.
	Apr. 9	0	70	176	50	0	0	1,994	2,290	.01
10	0	70	176	50	0	0	1,904	2,200	0	.33
11	0	70	176	50	0	106	1,898	2,300	0	.33
12	0	70	176	50	0	71	1,903	2,270	.06	.39
13	0	70	176	50	0	89	1,855	2,240	0	.39
14	0	70	176	50	0	53	1,771	2,120	0	.39
15	0	70	176	50	0	142	1,612	2,050	.01	.40

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

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

Diversion by New Jersey through the D&R Canal April 9 - 15, 2012, averaged 79.6 mgd. The average diversion for the 30-day period ending April 15, 2012 was 79.1 mgd and the maximum diversion during the period was 85 mg on March 25, 2012.

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Summary river data for April 16 - 22, 2012 (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, 2011 to date
	release begin 1200	release end 2400	release begin 1500	beginning 0800	beginning 0800	beginning 0800	
Apr. 16	44	114	31	400	298	0	573
17	38	101	29	399	298	0	573
18	38	90	29	250	87	0	572
19	39	90	29	200	0	2	571
20	39	222	29	0	0	0	570
21	40	160	29	0	0	0	568
22	39	91	28	0	0	0	566

Pepacton Reservoir (P):	Available storage Apr. 23, 2012 (0800) Spillway crest elevation 1,280.00 ft.	123.067 billion gals. 87.8 % (elev. 1,270.39 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Apr. 23, 2012 (0800) Spillway crest elevation 1,150.00 ft.	85.687 billion gals. 89.5 % (elev. 1,143.33 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Apr. 23, 2012 (0800) Spillway crest elevation 1,440.00 ft.	32.335 billion gals. 92.5 % (elev. 1,434.61 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Apr. 23, 2012 (0800) Combined capacity at spillway level.	241.089 billion gals. 89.0 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Apr. 22, 2012 (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.
	Apr. 16	0	71	176	50	11	0	1,732	2,040	0
17	0	71	176	50	0	53	1,640	1,990	0	.40
18	0	71	176	48	0	0	1,555	1,850	0	.40
19	0	68	156	45	1	0	1,490	1,760	0	.40
20	79	59	139	45	27	0	1,440	1,710	0	.40
21	134	59	139	45	0	0	1,417	1,660	0	.40
22	500	60	343	45	0	0	1,532	1,980	.50	.90

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

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

Diversion by New Jersey through the D&R Canal April 16 - 22, 2012, averaged 79.0 mgd. The average diversion for the 30-day period ending April 22, 2012 was 79.4 mgd and the maximum diversion during the period was 85 mgd on March 25, 2012.

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Summary river data for April 23 - 29, 2012 (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, 2011 to date
	release begin 1200	release end 2400	release begin 1500	beginning 0800	beginning 0800	beginning 0800	
Apr. 23	36	66	26	0	224	150	565
24	36	55	26	0	299	278	566
25	37	57	26	0	300	299	566
26	50	56	26	0	300	385	566
27	45	31	26	0	300	290	566
28	35	56	26	0	300	398	566
29	37	55	26	0	300	398	567

Pepacton Reservoir (P):	Available storage Apr. 30, 2012 (0800) Spillway crest elevation 1,280.00 ft.	127.758 billion gals. 91.1 % (elev. 1,273.09 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Apr. 30, 2012 (0800) Spillway crest elevation 1,150.00 ft.	88.678 billion gals. 92.7 % (elev. 1,145.38 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Apr. 30, 2012 (0800) Spillway crest elevation 1,440.00 ft.	31.411 billion gals. 89.9 % (elev. 1,432.64 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Apr. 30, 2012 (0800) Combined capacity at spillway level.	247.847 billion gals. 91.5 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Apr. 29, 2012 (2400) Spillway crest elevation 1,190.00 ft.	26.315 billion gals. 74.2 % (elev. 1,185.1 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.
	Apr. 23	400	60	248	45	0	106	5,471	5,930	1.48
24	0	62	141	43	0	142	9,812	10,200	.11	2.49
25	0	60	102	40	0	177	7,491	7,870	.03	2.52
26	0	56	85	40	0	160	5,959	6,300	0	2.52
27	0	56	88	40	0	160	5,066	5,410	.06	2.58
28	0	57	87	40	0	230	4,436	4,850	.01	2.59
29	0	77	48	40	0	0	3,955	4,120	0	2.59

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 23 - 29, 2012, averaged 67.0 mgd. The average diversion for the 30-day period ending April 29, 2012 was 76.5 mgd and the maximum diversion during the period was 84 mgd on April 4, 5, 2012.