

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA.

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

Summary river data for February 25 - March 3, 2013 (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, 2012 to date
	release begin 1200	release end 2400	release begin 1500	beginning 0800	beginning 0800	beginning 0800	
Feb. 25	97	145	49	396	301	310	604
26	97	145	49	440	301	313	606
27	97	145	49	450	301	309	607
28	97	145	49	445	301	309	609
Mar. 1	97	145	49	445	298	317	611
2	97	145	49	450	302	318	612
3	97	145	49	450	302	318	614

Pepacton Reservoir (P):	Available storage Mar. 4, 2013 (0800) Spillway crest elevation 1,280.00 ft.	117.316 billion gals. 83.7 % (elev. 1,267.01 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Mar. 4, 2013 (0800) Spillway crest elevation 1,150.00 ft.	80.847 billion gals. 84.5 % (elev. 1,139.98 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Mar. 4, 2013 (0800) Spillway crest elevation 1,440.00 ft.	27.714 billion gals. 79.3 % (elev. 1,424.41 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Mar. 4, 2013 (0800) Combined capacity at spillway level.	225.877 billion gals. 83.4 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Mar. 3, 2013 (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 ²	Total Discharge	Precipitation	
	Directed release ¹	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			(inches)	
							Daily	Cumul.		
Feb. 25	0	149	226	90	0	18	2,337	2,820	0	.86
26	0	150	224	76	161	230	2,089	2,930	0	.86
27	0	150	224	76	213	230	3,327	3,220	.36	1.22
28	0	150	224	76	220	230	3,490	4,390	.30	1.52
Mar. 1	0	150	224	76	163	230	4,197	5,040	.01	.01
2	0	150	224	76	87	106	3,737	4,380	0	.01
3	0	150	224	76	0	106	3,114	3,670	0	.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 February 25 - March 3, 2013 averaged 72.5 mgd. The average diversion for the 30-day period ending March 3, 2013 was 73.5 mgd and the maximum diversion was 82 mg on February 8, 2013.

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Summary river data for March 4 - 10, 2013 (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, 2012 to date
	release begin 1200	release end 2400	release begin 1500	beginning 0800	beginning 0800	beginning 0800	
Mar. 4	97	146	49	445	302	214	615
5	97	145	49	445	302	199	617
6	97	145	49	445	302	157	618
7	97	144	49	445	302	149	619
8	97	144	49	363	299	149	619
9	89	144	45	336	289	143	620
10	97	132	49	347	299	149	620

Pepacton Reservoir (P):	Available storage Mar. 11, 2013 (0800) Spillway crest elevation 1,280.00 ft.	115.442 billion gals. 82.3 % (elev. 1,265.89 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Mar. 11, 2013 (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. 11, 2013 (0800) Spillway crest elevation 1,440.00 ft.	26.749 billion gals. 76.6 % (elev. 1,422.16 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Mar. 11, 2013 (0800) Combined capacity at spillway level.	221.587 billion gals. 81.8 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Mar. 10, 2013 (2400) Spillway crest elevation 1,190.00 ft.	20.152 billion gals. 56.8 % (elev. 1,181.7 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 ²	Total Discharge	Precipitation (inches)	
	Directed release ¹	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			Daily	Cumul.
	Mar. 4	0	150	224	76	0	0	2,870	3,320	0
5	0	150	224	76	145	0	2,635	3,230	0	.01
6	0	150	226	76	206	0	2,502	3,160	0	.01
7	0	150	224	76	214	0	2,476	3,140	0	.01
8	0	150	224	76	249	n.a.	n.a.	3,310	.23	.24
9	0	150	223	76	304	n.a.	n.a.	3,310	.01	.25
10	0	150	223	76	0	n.a.	n.a.	3,080	0	.25

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

2. Includes conservation release of 100 cfs from Rio Reservoir. NOTE: The abbreviation "n.a." means that the data are currently unavailable.

Diversions by New Jersey through the D&R Canal March 4 - 10, 2013 averaged 71.8 mgd. The average diversion for the 30-day period ending March 10, 2013 was 71.7 mgd and the maximum diversion was 79 mgd on March 7, 8, 2013.

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Summary river data for March 11 - 17, 2013 (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, 2012 to date
	release begin 1200	release end 2400	release begin 1500	beginning 0800	beginning 0800	beginning 0800	
Mar. 11	97	144	49	73	63	31	619
12	97	145	49	0	0	0	617
13	97	146	49	1	0	1	614
14	97	147	49	244	298	149	615
15	97	168	49	218	301	45	615
16	97	235	49	247	304	0	614
17	97	376	49	247	303	0	614

Pepacton Reservoir (P):	Available storage Mar. 18, 2013 (0800) Spillway crest elevation 1,280.00 ft.	123.256 billion gals. 87.9 % (elev. 1,270.50 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Mar. 18, 2013 (0800) Spillway crest elevation 1,150.00 ft.	88.206 billion gals. 92.2 % (elev. 1,145.07 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Mar. 18, 2013 (0800) Spillway crest elevation 1,440.00 ft.	29.670 billion gals. 84.9 % (elev. 1,428.84 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Mar. 18, 2013 (0800) Combined capacity at spillway level.	241.132 billion gals. 89.0 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Mar. 17, 2013 (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.
	Mar. 11	0	150	223	73	78	142	2,934	3,600	0
12	0	144	213	76	284	266	4,397	5,380	.10	.35
13	0	150	223	76	239	390	19,422	20,500	1.08	1.43
14	0	150	224	76	0	496	15,454	16,400	.02	1.45
15	0	150	226	76	66	532	10,650	11,700	0	1.45
16	0	150	227	76	655	337	8,015	9,460	.01	1.46
17	0	150	260	76	681	230	6,863	8,260	.04	1.50

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 11 - 17, 2013 averaged 74.1 mgd. The average diversion for the 30-day period ending March 17, 2013 was 72.7 mgd and the maximum diversion was 79 mgd on March 7, 8, 2013.

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Summary river data for March 18 - 24, 2013 (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, 2012 to date
	release begin 1200	release end 2400	release begin 1500	beginning 0800	beginning 0800	beginning 0800	
Mar. 18	97	455	49	42	303	0	613
19	97	455	49	204	289	0	613
20	97	455	49	165	200	0	612
21	97	455	49	249	298	0	612
22	97	453	49	286	298	0	612
23	97	453	49	300	298	0	612
24	97	453	49	300	298	0	612

Pepacton Reservoir (P):	Available storage Mar. 25, 2013 (0800) Spillway crest elevation 1,280.00 ft.	124.274 billion gals. 88.6 % (elev. 1,271.09 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Mar. 25, 2013 (0800) Spillway crest elevation 1,150.00 ft.	87.175 billion gals. 91.1 % (elev. 1,144.36 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Mar. 25, 2013 (0800) Spillway crest elevation 1,440.00 ft.	30.141 billion gals. 86.3 % (elev. 1,429.88 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Mar. 25, 2013 (0800) Combined capacity at spillway level.	241.590 billion gals. 89.2 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Mar. 24, 2013 (2400) Spillway crest elevation 1,190.00 ft.	20.152 billion gals. 56.8 % (elev. 1,181.7 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 ²	Total Discharge	Precipitation	
	Directed release ¹	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			(inches)	
							Daily	Cumul.		
Mar. 18	0	150	364	76	691	266	5,953	7,500	0	1.50
19	0	150	582	76	1,053	355	5,304	7,520	.39	1.89
20	0	150	704	76	519	408	4,953	6,810	.16	2.05
21	0	150	704	76	274	479	4,617	6,300	0	2.05
22	0	150	704	76	1,141	319	4,190	6,580	0	2.05
23	0	150	704	76	1,425	230	3,775	6,360	0	2.05
24	0	150	701	76	1,173	230	3,420	5,750	0	2.05

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 18 - 24, 2013 averaged 73.9 mgd. The average diversion for the 30-day period ending March 24, 2013 was 73.1 mgd and the maximum diversion was 79 mg on March 7, 8, 2013.

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Summary river data for March 25 - 31, 2013 (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, 2012 to date
	release begin 1200	release end 2400	release begin 1500	beginning 0800	beginning 0800	beginning 0800	
Mar. 25	97	451	49	300	298	0	611
26	97	452	49	299	298	0	611
27	97	452	49	302	298	127	612
28	97	452	49	427	298	23	612
29	97	431	49	449	298	0	613
30	97	351	49	449	298	0	613
31	97	288	49	445	298	0	614

Pepacton Reservoir (P):	Available storage Apr. 1, 2013 (0800) Spillway crest elevation 1,280.00 ft.	123.325 billion gals. 88.0 % (elev. 1,270.54 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Apr. 1, 2013 (0800) Spillway crest elevation 1,150.00 ft.	85.152 billion gals. 89.0 % (elev. 1,142.96 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Apr. 1, 2013 (0800) Spillway crest elevation 1,440.00 ft.	30.264 billion gals. 86.6 % (elev. 1,430.15 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Apr. 1, 2013 (0800) Combined capacity at spillway level.	238.741 billion gals. 88.1 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Mar. 31, 2013 (2400) Spillway crest elevation 1,190.00 ft.	21.048 billion gals. 59.4 % (elev. 1,182.2 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. 25	0	150	701	76	832	284	3,457	5,500	0
26	0	150	701	76	500	355	3,398	5,180	0	2.05
27	0	150	698	76	0	372	3,504	4,800	0	2.05
28	0	150	699	76	0	213	3,472	4,610	.01	2.06
29	0	150	699	76	0	160	3,485	4,570	0	2.06
30	0	150	699	76	0	160	3,375	4,460	0	2.06
31	0	150	667	76	0	160	3,237	4,290	0	2.06

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 25 - 31, 2013 averaged 78.0 mgd. The average diversion for the 30-day period ending March 31, 2013 was 74.4 mgd and the maximum diversion was 81 mg on March 31, 2013.