

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA.

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

Summary river data for April 29 - May 5, 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	
Apr. 29	65	259	36	0	306	287	612
30	65	258	42	0	303	303	612
May 1	64	258	51	0	303	302	612
2	52	187	32	0	302	302	612
3	57	147	45	269	302	37	611
4	58	144	45	302	302	0	611
5	58	144	44	298	302	0	611

Pepacton Reservoir (P):	Available storage May 6, 2013 (0800) Spillway crest elevation 1,280.00 ft.	137.255 billion gals. 97.9 % (elev. 1,278.40 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage May 6, 2013 (0800) Spillway crest elevation 1,150.00 ft.	94.383 billion gals. 98.6 % (elev. 1,149.13 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage May 6, 2013 (0800) Spillway crest elevation 1,440.00 ft.	33.374 billion gals. 95.5 % (elev. 1,436.79 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage May 6, 2013 (0800) Combined capacity at spillway level.	265.012 billion gals. 97.8 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage May 5, 2013 (2400) Spillway crest elevation 1,190.00 ft.	28.143 billion gals. 79.4 % (elev. 1,186.1 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	
	Directed release ¹	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			(inches)	
							Daily	Cumul.		
Apr. 29	0	101	404	56	20	18	3,251	3,850	.07	2.75
30	0	101	401	56	27	124	3,241	3,950	.18	2.93
May 1	0	101	401	56	0	0	3,282	3,840	.01	.01
2	0	101	399	65	0	230	2,935	3,730	0	.01
3	0	101	399	79	0	124	2,607	3,310	0	.01
4	0	99	289	50	0	0	2,402	2,840	0	.01
5	0	80	227	70	0	142	2,231	2,750	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 April 29 - May 5, 2013 averaged 76.4 mgd. The average diversion for the 30-day period ending May 5, 2013 was 78.2 mgd and the maximum diversion was 85 mgd on April 17, 2013.

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Summary river data for May 6 - 12, 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	
May 6	55	125	42	297	302	0	611
7	55	112	42	298	302	0	611
8	55	112	42	87	91	0	610
9	49	108	39	226	292	0	610
10	48	103	39	300	302	6	610
11	48	103	39	297	302	0	610
12	48	103	39	165	302	133	610

Pepacton Reservoir (P):	Available storage May 13, 2013 (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 May 13, 2013 (0800) Spillway crest elevation 1,150.00 ft.	94.002 billion gals. 98.2 % (elev. 1,148.88 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage May 13, 2013 (0800) Spillway crest elevation 1,440.00 ft.	34.224 billion gals. 97.9 % (elev. 1,438.54 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage May 13, 2013 (0800) Combined capacity at spillway level.	266.065 billion gals. 98.2 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage May 12, 2013 (2400) Spillway crest elevation 1,190.00 ft.	29.628 billion gals. 83.6 % (elev. 1,186.9 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.		
May 6	0	88	223	70	22	18	2,109	2,530	0	.01
7	0	90	223	68	18	89	2,022	2,510	0	.01
8	0	90	193	65	13	0	2,139	2,500	.01	.02
9	64	85	173	65	0	106	3,941	4,370	.94	.96
10	0	85	173	65	0	230	4,327	4,880	.06	1.02
11	0	85	167	60	0	124	3,654	4,090	.24	1.26
12	0	76	159	60	0	0	4,825	5,120	.25	1.51

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 May 6 - 12, 2013 averaged 73.3 mgd. The average diversion for the 30-day period ending May 12, 2013 was 77.0 mgd and the maximum diversion was 85 mgd on April 17 and May 10, 2013.

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Summary river data for May 13 - 19, 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	
May 13	48	101	36	149	302	151	610
14	48	98	36	232	232	151	610
15	48	98	36	330	261	151	610
16	48	98	36	346	273	37	610
17	48	98	36	349	273	0	610
18	48	98	36	350	273	0	610
19	48	98	36	346	273	0	610

Pepacton Reservoir (P):	Available storage May 20, 2013 (0800) Spillway crest elevation 1,280.00 ft.	137.638 billion gals. 98.2 % (elev. 1,278.61 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage May 20, 2013 (0800) Spillway crest elevation 1,150.00 ft.	93.196 billion gals. 97.4 % (elev. 1,148.35 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage May 20, 2013 (0800) Spillway crest elevation 1,440.00 ft.	34.458 billion gals. 98.6 % (elev. 1,439.02 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage May 20, 2013 (0800) Combined capacity at spillway level.	265.292 billion gals. 98.0 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage May 19, 2013 (2400) Spillway crest elevation 1,190.00 ft.	29.443 billion gals. 83.1 % (elev. 1,186.8 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.
	May 13	0	74	159	60	18	142	5,347	5,800	.02
14	0	74	159	60	430	160	4,297	5,180	0	1.53
15	0	74	156	56	440	248	3,626	4,600	0	1.53
16	0	74	152	56	354	35	3,359	4,030	.03	1.56
17	0	74	152	56	256	0	3,082	3,620	0	1.56
18	0	74	152	56	120	160	2,738	3,300	0	1.56
19	0	74	152	56	0	0	2,518	2,800	.03	1.59

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 May 13 - 19, 2013 averaged 83.8 mgd. The average diversion for the 30-day period ending May 19, 2013 was 78.2 mgd and the maximum diversion was 89 mgd on May 19, 2013.

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Summary river data for May 20 - 26, 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	spill begin 0800	release end 2400	release begin 1500	spill begin 0800	beginning 0800	beginning 0800	beginning 0800		
May 20	50	0	98	38	0	260	206	77	610	
21	57	0	119	42	0	82	201	119	610	
22	57	0	128	42	0	0	164	149	609	
23	58	0	128	42	0	0	203	146	608	
24	58	0	128	42	0	0	9	196	607	
25	58	0	128	42	1	0	0	137	606	
26	58	35	128	42	45	95	0	229	605	

Pepacton Reservoir (P):	Available storage May 27, 2013 (0800) Spillway crest elevation 1,280.00 ft.	140.560 billion gals. 100.3 % (elev. 1,280.20 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage May 27, 2013 (0800) Spillway crest elevation 1,150.00 ft.	95.052 billion gals. 99.3 % (elev. 1,149.57 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage May 27, 2013 (0800) Spillway crest elevation 1,440.00 ft.	35.001 billion gals. 100.2 % (elev. 1,440.12 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage May 27, 2013 (0800) Combined capacity at spillway level.	270.613 billion gals. 99.9 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage May 26, 2013 (2400) Spillway crest elevation 1,190.00 ft.	29.628 billion gals. 83.6 % (elev. 1,186.9 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.
	May 20	0	74	152	56	15	71	2,442	2,810	.05
21	0	74	152	56	248	213	2,367	3,110	0	1.64
22	0	74	152	59	256	106	2,203	2,850	0	1.64
23	0	77	184	65	315	0	2,249	2,890	.61	2.25
24	0	88	198	65	177	71	3,611	4,210	.67	2.92
25	0	88	198	65	0	89	4,570	5,010	.51	3.43
26	0	90	198	65	0	142	4,495	4,990	.15	3.58

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

2. Includes conservation release of 100 cfs from Rio Reservoir and spills from Pepacton and Neversink Reservoirs.

Diversions by New Jersey through the D&R Canal May 20 - 26, 2013 averaged 82.6 mgd. The average diversion for the 30-day period ending May 26, 2013 was 79.2 mgd and the maximum diversion was 89 mgd on May 19, 2013.