

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA.

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

Summary river data for February 24 - March 2, 2014 (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, 2013 to date
	release begin 1200	release end 2400	release begin 1500	beginning 0800	beginning 0800	beginning 0800	
Feb. 24	97	500	48	400	0	428	593
25	97	501	48	400	0	430	594
26	97	501	48	400	0	404	595
27	97	500	48	400	0	404	596
28	97	536	48	400	0	204	596
Mar. 1	97	594	48	400	0	0	595
2	97	594	48	400	0	21	594

Pepacton Reservoir (P):	Available storage Mar. 3, 2014 (0800) Spillway crest elevation 1,280.00 ft.	119.614 billion gals. 85.3 % (elev. 1,268.37 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Mar. 3, 2014 (0800) Spillway crest elevation 1,150.00 ft.	81.683 billion gals. 85.3 % (elev. 1,140.56 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Mar. 3, 2014 (0800) Spillway crest elevation 1,440.00 ft.	26.829 billion gals. 76.8 % (elev. 1,422.35 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Mar. 3, 2014 (0800) Combined capacity at spillway level.	228.126 billion gals. 84.2 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Mar. 2, 2014 (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	
	Directed release ¹	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			(inches)	
							Daily	Cumul.		
Feb. 24	0	150	778	74	631	0	3,427	5,060	0	3.75
25	0	150	777	74	437	106	3,256	4,800	0	3.75
26	0	150	774	74	424	248	2,680	4,350	0	3.75
27	0	150	775	74	362	461	2,448	4,270	0	3.75
28	0	150	775	74	646	372	2,513	4,530	0	3.75
Mar. 1	0	150	774	74	246	160	2,046	3,450	0	0
2	0	150	829	74	333	71	2,183	3,640	0	0

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 February 24 - March 2, 2014 averaged 99.1 mgd. The average diversion for the 30-day period ending March 2, 2014 is currently unavailable. The maximum daily mean diversion for the 30-day period ending March 2, 2014 is currently unavailable.

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Summary river data for March 3 - 9, 2014 (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
	spill begin 1200	release begin 1200	spill begin 1200	release end 2400	spill begin 1200	release begin 1500	beginning 800	beginning 800	beginning 800	1-Jun-13 to date
March 3	0	97	0	592	0	48	406	0	262	595
4	0	97	0	597	0	48	400	0	265	595
5	0	97	0	598	0	48	400	0	264	595
6	0	97	0	594	0	48	400	233	263	596
7	0	97	0	599	0	48	400	276	243	597
8	0	93	0	598	0	46	383	16	0	597
9	0	91	0	574	0	44	396	0	3	596

Pepacton Reservoir (P):	Average storage March 10, 2014 (0800)	117.350 billion gallons	83.7%	1,267.03 (elev. ft.)
	Spillway crest elevation 1,280.00 ft.	140.190 billion gallons		
Cannonsville Reservoir (C):	Average storage March 10, 2014 (0800)	78.360 billion gallons	81.9%	1,138.18 (elev. ft.)
	Spillway crest elevation 1,150.00 ft.	95.706 billion gallons		
Neversink Reservoir (N):	Average storage March 10, 2014 (0800)	25.545 billion gallons	73.1%	1,419.30 (elev. ft.)
	Spillway crest elevation 1,440.00 ft.	34.941 billion gallons		
Combined contents, PCN:	Average storage March 10, 2014 (0800)	221.255 billion gallons	81.7%	
	Combined capacity at spillway level.	270.837 billion gallons		
Lake Wallenpaupack:	Average storage March 9, 2014 (0800)	15.202 billion gallons	42.9%	1,178.9 (elev. 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 NYC Reservoirs				Power releases		Computed	Total	Precipitation	
	Directed release ¹	Pepacton	Cannonsville	Neversink	Wallen- paupack	Rio Reservoir	Uncon- trolled ²	Discharge	(inches)	
									Daily	Cumul
Jun. 3	0	150	919	74	310	160	2,207	3,820	0.00	0.00
4	0	150	919	74	407	124	1,986	3,660	0.00	0.00
5	0	150	916	74	67	35	1,958	3,200	0.00	0.00
6	0	150	924	74	7	53	1,742	2,950	0.00	0.00
7	0	150	925	74	0	0	1,691	2,840	0.00	0.00
8	0	150	919	74	0	0	1,717	2,860	0.00	0.00
9	0	150	927	74	0	0	1,769	2,920	0.00	0.00

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 March 3 - 9, 2014 averaged 100.1 mgd

The average diversion for the 30-day period ending March 9, 2014 was 101.2 mgd and the maximum diversion was 112 mgd on February 18, 2014.

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Summary river data for March 10-16, 2014 (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, 2013 to date
	release begin 1200	release end 2400	release begin 1500	beginning 0800	beginning 0800	beginning 0800	
Mar. 10	66	490	36	399	0	207	596
11	67	366	37	400	0	207	596
12	62	268	34	400	82	238	596
13	65	208	36	413	253	299	598
14	65	185	36	400	301	209	599
15	65	149	36	400	259	0	599
16	65	108	36	400	302	0	599

Pepacton Reservoir (P):	Available storage Mar. 17, 2014 (0800) Spillway crest elevation 1,280.00 ft.	116.730 billion gals. 83.3 % (elev. 1,266.66 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Mar. 17, 2014 (0800) Spillway crest elevation 1,150.00 ft.	79.341 billion gals. 82.9 % (elev. 1,138.89 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Mar. 17, 2014 (0800) Spillway crest elevation 1,440.00 ft.	24.670 billion gals. 70.6 % (elev. 1,417.18 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Mar. 17, 2014 (0800) Combined capacity at spillway level.	220.741 billion gals. 81.5 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Mar. 16, 2014 (2400) Spillway crest elevation 1,190.00 ft.	16.786 billion gals. 47.3 % (elev. 1,179.8 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. 10	0	150	925	71	0	0	1,784	2,930	0
11	0	144	888	68	0	0	1,920	3,020	0	0
12	0	141	758	56	0	0	2,845	3,800	0	0
13	0	102	566	57	82	177	5,136	6,020	.29	.29
14	0	104	415	53	264	426	5,358	6,620	0	.29
15	0	96	322	56	0	177	4,399	5,050	0	.29
16	0	101	286	56	0	0	4,657	5,100	.03	.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 March 10-16, 2014 averaged 101.2 mgd. The average diversion for the 30-day period ending March 16, 2014 was 100.9 mgd. The maximum daily mean diversion for the 30-day period ending March 16, 2014 was 112 mg on February 18, 2014.

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Summary river data for March 17 - 23, 2014 (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	Pepacton	Cannonsville	Cannonsville	Neversink	Neversink	Pepacton	Cannonsville	Neversink	Average
	spill begin 1200	release begin 1200	spill begin 1200	release end 2400	spill begin 1200	release begin 1500	beginning 800	beginning 800	beginning 800	1-Jun-13 to date
March 17	0	65	0	99	0	36	400	302	0	600
18	0	65	0	99	0	36	400	302	0	600
19	0	65	0	97	0	36	400	302	0	600
20	0	65	0	97	0	36	399	302	0	601
21	0	65	0	97	0	36	399	302	0	601
22	0	65	0	97	0	36	399	302	0	601
23	0	65	0	97	0	36	399	302	0	602

Pepacton Reservoir (P):	Average storage March 24, 2014 (0800)	115.959 billion gallons	82.7%	1,266.20 (elev. ft.)
	Spillway crest elevation 1,280.00 ft.	140.190 billion gallons		
Cannonsville Reservoir (C):	Average storage March 24, 2014 (0800)	79.880 billion gallons	83.5%	1,139.28 (elev. ft.)
	Spillway crest elevation 1,150.00 ft.	95.706 billion gallons		
Neversink Reservoir (N):	Average storage March 24, 2014 (0800)	24.924 billion gallons	71.3%	1,417.80 (elev. ft.)
	Spillway crest elevation 1,440.00 ft.	34.941 billion gallons		
Combined contents, PCN:	Average storage March 24, 2014 (0800)	220.763 billion gallons	81.5%	
	Combined capacity at spillway level.	270.837 billion gallons		
Lake Wallenpaupack:	Average storage March 23, 2014 (0800)	18.898 billion gallons	53.3%	1,181.0 (elev. 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 NYC Reservoirs				Power releases		Computed	Total Discharge	Precipitation (inches)	
	Directed release ¹	Pepacton	Cannonsville	Neversink	Wallen-paupack	Rio Reservoir			Daily	Cumul
	March 17	0	101	230	56	0	35	4,348	4,770	0.00
18	0	101	167	56	0	248	3,748	4,320	0.00	0.32
19	0	101	153	56	0	124	3,526	3,960	0.00	0.32
20	0	101	153	56	0	0	4,340	4,650	0.34	0.66
21	0	101	150	56	0	0	5,853	6,160	0.00	0.66
22	0	101	150	56	0	0	6,013	6,320	0.00	0.66
23	0	101	150	56	0	0	6,643	6,950	0.00	0.66

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 March 17 - 23, 2014 averaged 92.1 mgd.

The average diversion for the 30-day period ending March 23, 2014 was 97.5 mgd and the maximum diversion was 103 mgd on February 26 and March 9 and 10, 2014.

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Summary river data for March 24 - 30, 2014 (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
	spill begin 1200	release begin 1200	spill begin 2400	release end 2400	spill begin 1500	release begin 1500	beginning 800	beginning 800	beginning 800	1-Jun-13 to date
March 24	0	65	0	97	0	36	383	302	0	602
25	0	65	0	97	0	36	0	288	0	601
26	0	65	0	97	0	36	305	292	0	601
27	0	65	0	96	0	36	400	300	0	601
28	0	65	0	98	0	36	400	301	0	602
29	0	65	0	97	0	36	1	301	0	601
30	0	65	0	97	0	36	4	302	0	600

Pepacton Reservoir (P):	Average storage March 31, 2014 (0800)	121.009	billion gallons	86.3%	1,269.19	(elev. ft.)
	Spillway crest elevation 1,280.00 ft.	140.190	billion gallons			
Cannonsville Reservoir (C):	Average storage March 31, 2014 (0800)	84.617	billion gallons	88.4%	1,142.59	(elev. ft.)
	Spillway crest elevation 1,150.00 ft.	95.706	billion gallons			
Neversink Reservoir (N):	Average storage March 31, 2014 (0800)	26.257	billion gallons	75.1%	1,421.00	(elev. ft.)
	Spillway crest elevation 1,440.00 ft.	34.941	billion gallons			
Combined contents, PCN:	Average storage March 31, 2014 (0800)	231.883	billion gallons	85.6%		
	Combined capacity at spillway level.	270.837	billion gallons			
Lake Wallenpaupack:	Average storage March 30, 2014 (0800)	21.765	billion gallons	61.4%	1,182.6	(elev. 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 NYC Reservoirs				Power releases		Computed	Total	Precipitation	
	Directed release ¹	Pepacton	Cannonsville	Neversink	Wallen- paupack	Rio Reservoir	Uncon- trolled ²	Discharge	(inches)	
									Daily	Cumul
March 24	0	101	150	56	0	177	5,816	6,300	0.00	0.66
25	0	101	150	56	0	230	4,733	5,270	0.00	0.66
26	0	101	150	56	0	266	4,147	4,720	0.00	0.66
27	0	101	150	56	66	266	3,671	4,310	0.00	0.66
28	0	101	150	56	0	124	3,379	3,810	0.15	0.81
29	0	101	149	56	0	0	4,514	4,820	0.57	1.38
30	0	101	152	56	260	0	15,231	15,800	0.74	2.12

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 24 -30 is currently unavailable

The average diversion for the 30-day period ending March 30, 2014 is currently unavailable and the maximum diversion is currently unavailable