

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA  
 Web address: <http://water.usgs.gov/osw/odrm>  
 Summary river data for November 30<sup>th</sup>–December 6<sup>th</sup> 2015 (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 0800	Beginning 0800	Beginning 0800	1-June-15 to date
Nov 30	0	65	0	98	0	36	301	0	0	502
Dec 1	0	65	0	98	0	36	299	0	0	501
2	0	65	0	98	0	36	75	0	204	500
3	0	65	0	99	0	36	0	0	203	498
4	0	65	0	98	0	36	0	0	203	497
5	0	65	0	99	0	36	0	0	203	495
6	0	65	0	99	0	36	0	0	203	493

Pepacton Reservoir (P):	Available storage Dec 7 2015 (0800) Spillway crest elevation 1,280.00 ft.	98.475 billion gallons 140.190 billion gallons	70.2%	1,255.29 (elev.ft.)
Cannonsville Reservoir (C):	Available storage Dec 7, 2015 (0800) Spillway crest elevation 1,150.00 ft.	64.542 billion gallons 95.706 billion gallons	67.4%	1,127.80 (elev.ft.)
Neversink Reservoir (N):	Available storage Dec 7, 2015 (0800) Spillway crest elevation 1,440.00 ft.	32.972 billion gallons 34.941 billion gallons	94.4%	1,435.95 (elev.ft.)
Combined contents, PCN:	Available storage Dec 7, 2015 (0800) Combined capacity at spillway level	195.989 billion gallons 270.837 billion gallons	72.4%	
Lake Wallenpaupack:	Available storage Dec 6, 2015 (0800) Spillway crest elevation 1,190.00 ft.	21.228 billion gallons 35.451 billion gallons	59.9%	1,182.3 (elev.ft.)

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 <sup>1</sup>	Pepacton	Cannonsville	Neversink	Wallen- paupack	Rio Reservoir	Uncon- trolled <sup>2</sup>	Discharge	(inches)	
									Daily	Cumulative
Nov 30	0	101	152	56	99	0	2,482	2,890	0.00	2.75
Dec 1	0	101	152	56	126	71	2,434	2,940	0.20	0.20
2	0	101	152	56	591	89	3,161	4,150	0.32	0.52
3	0	101	152	56	723	0	5,288	6,320	0.39	0.91
4	0	101	152	56	601	355	5,365	6,630	0.03	0.94
5	0	101	153	56	365	195	4,220	5,090	0.00	0.94
6	0	101	152	56	0	0	3,861	4,170	0.00	0.94

1. Release directed to maintain a flow at Montague of 1,750 cfs and Trenton of 3,000 cfs.

2. Includes conservation release of 100 cfs (November 30<sup>th</sup>–December 6<sup>th</sup>) from Rio Reservoir.

Diversions by New Jersey through the D&R Canal November 30<sup>th</sup>–December 6<sup>th</sup> 2015 averaged 93.5 MGD.

The average diversion for the 30-day period ending December 6<sup>th</sup>, 2015 was 92.0 MGD and the maximum diversion was 97 MGD on November 25<sup>th</sup>.

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA  
 Web address: <http://water.usgs.gov/osw/odrm>  
 Summary river data for December 7<sup>th</sup>–December 13<sup>th</sup> 2015 (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 0800	Beginning 0800	Beginning 0800	1-June-15 to date
Dec 7	0	65	0	98	0	36	0	0	170	492
8	0	65	0	98	0	36	0	0	203	490
9	0	65	0	98	0	36	0	0	203	489
10	0	65	0	98	0	36	0	0	203	487
11	0	66	0	98	0	36	0	0	203	486
12	0	66	0	98	0	36	0	0	203	484
13	0	66	0	98	0	36	0	0	203	483

Pepacton Reservoir (P):	Available storage Dec 14 2015 (0800) Spillway crest elevation 1,280.00 ft.	99.413 billion gallons 140.190 billion gallons	70.9%	1,255.90 (elev.ft.)
Cannonsville Reservoir (C):	Available storage Dec 14, 2015 (0800) Spillway crest elevation 1,150.00 ft.	65.955 billion gallons 95.706 billion gallons	68.9%	1,128.91 (elev.ft.)
Neversink Reservoir (N):	Available storage Dec 14, 2015 (0800) Spillway crest elevation 1,440.00 ft.	32.108 billion gallons 34.941 billion gallons	91.9%	1,434.13 (elev.ft.)
Combined contents, PCN:	Available storage Dec 14, 2015 (0800) Combined capacity at spillway level	197.476 billion gallons 270.837 billion gallons	72.9%	
Lake Wallenpaupack:	Available storage Dec 13, 2015 (0800) Spillway crest elevation 1,190.00 ft.	22.124 billion gallons 35.451 billion gallons	62.4%	1,182.8 (elev.ft.)

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 <sup>1</sup>	Pepacton	Cannonsville	Neversink	Wallen- paupack	Rio Reservoir	Uncon- trolled <sup>2</sup>	Discharge	(inches)	
									Daily	Cumulative
Dec 7	0	101	153	56	0	355	3,425	4,090	0.00	0.94
8	0	101	153	56	0	284	3,196	3,790	0.00	0.94
9	0	101	152	56	0	638	3,053	4,000	0.00	0.94
10	0	101	152	56	0	656	2,875	3,840	0.02	0.96
11	0	101	152	56	0	372	2,739	3,420	0.00	0.96
12	0	101	152	56	0	106	2,655	3,070	0.00	0.96
13	0	101	152	56	0	71	2,520	2,900	0.00	0.96

1. Release directed to maintain a flow at Montague of 1,750 cfs and Trenton of 3,000 cfs.

2. Includes conservation release of 100 cfs (December 7<sup>th</sup>–December 13<sup>th</sup>) from Rio Reservoir.

Diversions by New Jersey through the D&R Canal December 7<sup>th</sup>–December 13<sup>th</sup> 2015 averaged 93.5 MGD.

The average diversion for the 30-day period ending December 13<sup>th</sup>, 2015 was 93.8 MGD and the maximum diversion was 97 MGD on November 25<sup>th</sup>.

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA  
 Web address: <http://water.usgs.gov/osw/odrm>  
 Summary river data for December 14<sup>th</sup>–December 20<sup>th</sup> 2015 (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 0800	Beginning 0800	Beginning 0800	1-June-15 to date
Dec 14	0	66	0	98	0	36	0	207	203	483
15	0	64	0	98	0	35	0	152	203	482
16	0	52	0	89	0	32	0	0	203	480
17	0	52	0	83	0	32	0	296	203	481
18	0	52	0	83	0	32	0	298	203	481
19	0	52	0	83	0	32	0	298	0	480
20	0	52	0	83	0	32	0	298	0	479

Pepacton Reservoir (P):	Available storage Dec 21 2015 (0800) Spillway crest elevation 1,280.00 ft.	101.680 billion gallons 140.190 billion gallons	72.5%	1,257.36 (elev.ft.)
Cannonsville Reservoir (C):	Available storage Dec 21, 2015 (0800) Spillway crest elevation 1,150.00 ft.	66.847 billion gallons 95.706 billion gallons	69.8%	1,129.61 (elev.ft.)
Neversink Reservoir (N):	Available storage Dec 21, 2015 (0800) Spillway crest elevation 1,440.00 ft.	32.245 billion gallons 34.941 billion gallons	92.3%	1,434.42 (elev.ft.)
Combined contents, PCN:	Available storage Dec 21, 2015 (0800) Combined capacity at spillway level	200.772 billion gallons 270.837 billion gallons	74.1%	
Lake Wallenpaupack:	Available storage Dec 20, 2015 (0800) Spillway crest elevation 1,190.00 ft.	23.212 billion gallons 35.451 billion gallons	65.5%	1,183.4 (elev.ft.)

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 <sup>1</sup>	Pepacton	Cannonsville	Neversink	Wallen- paupack	Rio Reservoir	Uncon- trolled <sup>2</sup>	Discharge	(inches)	
									Daily	Cumulative
Dec 14	0	102	152	56	0	177	2,413	2,900	0.00	0.96
15	0	102	152	56	0	89	2,701	3,100	0.51	1.47
16	0	102	152	56	0	53	3,707	4,070	0.00	1.47
17	0	102	152	54	0	0	3,682	3,990	0.00	1.47
18	0	99	138	50	0	284	4,199	4,770	0.47	1.94
19	0	80	128	50	0	53	4,599	4,910	0.00	1.94
20	0	80	128	50	0	71	4,011	4,340	0.00	1.94

1. Release directed to maintain a flow at Montague of 1,750 cfs and Trenton of 3,000 cfs.

2. Includes conservation release of 100 cfs (December 14<sup>th</sup>–December 20<sup>th</sup>) from Rio Reservoir.

Diversions by New Jersey through the D&R Canal December 14<sup>th</sup>–December 20<sup>th</sup> 2015 averaged 94.2 MGD.

The average diversion for the 30-day period ending December 20<sup>th</sup>, 2015 was 94.1 MGD and the maximum diversion was 98 MGD on December 19<sup>th</sup>.

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA  
 Web address: <http://water.usgs.gov/osw/odrm>  
 Summary river data for December 21<sup>th</sup>–December 27<sup>th</sup> 2015 (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 0800	Beginning 0800	Beginning 0800	1-June-15 to date
Dec 21	0	52	0	83	0	32	0	299	1	478
22	0	52	0	83	0	32	0	12	198	477
23	0	52	0	83	0	32	0	237	276	477
24	0	52	0	83	0	32	0	300	298	477
25	0	52	0	83	0	32	0	300	298	478
26	0	52	0	83	0	32	0	103	298	478
27	0	52	0	84	0	32	0	0	298	477

Pepacton Reservoir (P):	Available storage Dec 28, 2015 (0800) Spillway crest elevation 1,280.00 ft.	105.621 billion gallons 140.190 billion gallons	75.3%	1,259.86 (elev.ft.)
Cannonsville Reservoir (C):	Available storage Dec 28, 2015 (0800) Spillway crest elevation 1,150.00 ft.	70.497 billion gallons 95.706 billion gallons	73.7	1,132.38 (elev.ft.)
Neversink Reservoir (N):	Available storage Dec 28, 2015 (0800) Spillway crest elevation 1,440.00 ft.	33.055 billion gallons 34.941 billion gallons	94.5%	1,436.02 (elev.ft.)
Combined contents, PCN:	Available storage Dec 28, 2015 (0800) Combined capacity at spillway level	209.123 billion gallons 270.837 billion gallons	77.2%	
Lake Wallenpaupack:	Available storage Dec 27, 2015 (0800) Spillway crest elevation 1,190.00 ft.	22.482 billion gallons 35.451 billion gallons	63.4%	1,183.0 (elev.ft.)

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 <sup>1</sup>	Pepacton	Cannonsville	Neversink	Wallen- paupack	Rio Reservoir	Uncon- trolled <sup>2</sup>	Discharge	(inches)	
									Daily	Cumulative
Dec 21	0	80	128	50	55	18	3,699	4,030	0.00	1.94
22	0	80	128	50	680	106	3,426	4,470	0.22	2.16
23	0	80	128	50	317	35	4,400	5,010	0.25	2.41
24	0	80	128	50	282	337	8,983	9,860	0.65	3.06
25	0	80	128	50	546	443	10,253	11,500	0.01	3.07
26	0	80	128	50	610	461	7,871	9,200	0.00	3.07
27	0	80	128	50	633	585	6,624	8,100	0.12	3.19

1. Release directed to maintain a flow at Montague of 1,750 cfs and Trenton of 3,000 cfs.

2. Includes conservation release of 100 cfs (December 21<sup>st</sup>–December 27<sup>th</sup>) from Rio Reservoir.

Diversions by New Jersey through the D&R Canal December 21<sup>st</sup>–December 27<sup>th</sup> 2015 averaged 94.0 MGD.

The average diversion for the 30-day period ending December 27<sup>th</sup>, 2015 was 93.9 MGD and the maximum diversion was 100 MGD on December 27<sup>th</sup>.