

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA

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

Summary river data for December 29, 2014 - January 4, 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 800	beginning 800	beginning 800	1-Jun-14 to date
December 29	0	52	0	82	0	32	5	301	0	553
30	0	52	0	82	0	32	200	301	101	553
31	0	52	0	83	0	32	197	300	0	553
January 1	0	52	0	83	0	32	0	300	0	552
2	0	52	0	83	0	32	0	300	0	551
3	0	52	0	83	0	32	0	301	0	549
4	0	52	0	83	0	32	0	301	0	548

Pepacton Reservoir (P):	Average storage January 5, 2015 (0800)	98.844	billion gallons	70.5%	1,255.53	(elev. ft.)
	Spillway crest elevation 1,280.00 ft.	140.190	billion gallons			
Cannonsville Reservoir (C):	Average storage January 5, 2015 (0800)	60.158	billion gallons	62.9%	1,124.33	(elev. ft.)
	Spillway crest elevation 1,150.00 ft.	95.706	billion gallons			
Neversink Reservoir (N):	Average storage January 5, 2015 (0800)	29.128	billion gallons	83.4%	1,427.63	(elev. ft.)
	Spillway crest elevation 1,440.00 ft.	34.941	billion gallons			
Combined contents, PCN:	Average storage January 5, 2015 (0800)	188.130	billion gallons	69.5%		
	Combined capacity at spillway level	270.837	billion gallons			
Lake Wallenpaupack:	Average storage January 4, 2015 (0800)	23.942	billion gallons	67.5%	1,183.8	(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 Montagu

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	Cumul
December 29	0	80	127	50	97	0	6,246	6,600	0.00	2.79
30	0	80	127	50	344	0	5,429	6,030	0.00	2.79
31	0	80	127	50	348	0	4,645	5,250	0.00	2.79
January 1	0	80	127	50	300	0	3,893	4,450	0.00	0.00
2	0	80	128	50	92	0	3,730	4,080	0.00	0.00
3	0	80	128	50	304	0	3,498	4,060	0.00	0.00
4	0	80	128	50	0	0	3,552	3,810	0.86	0.86

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 December 29, 2014 - January 4, 2015 is 90.8 mgd

The average diversion for the 30-day period ending January 4, 2015 was 85.0 mgd and the maximum diversion was 99 mg on January 1, 2015.

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA  
 Web address: <http://water.usgs.gov/osw/odrn>  
 Summary river data for January 5 - 11, 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 800	beginning 800	beginning 800	1-Jun-14 to date
January 5	0	52	0	82	0	32	0	300	0	547
6	0	52	0	83	0	32	205	299	203	548
7	0	52	0	83	0	32	205	300	205	549
8	0	52	0	83	0	32	205	300	204	549
9	0	52	0	83	0	32	204	300	203	550
10	0	52	0	83	0	32	0	300	0	549
11	0	52	0	83	0	32	0	300	0	548

Pepacton Reservoir (P):	Average storage January 12, 2015 (0800)	100.823 billion gallons	71.9%	1,256.81 (elev. ft.)
	Spillway crest elevation 1,280.00 ft.	140.190 billion gallons		
Cannonsville Reservoir (C):	Average storage January 12, 2015 (0800)	61.473 billion gallons	64.2%	1,125.39 (elev. ft.)
	Spillway crest elevation 1,150.00 ft.	95.706 billion gallons		
Neversink Reservoir (N):	Average storage January 12, 2015 (0800)	29.088 billion gallons	83.2%	1,427.54 (elev. ft.)
	Spillway crest elevation 1,440.00 ft.	34.941 billion gallons		
Combined contents, PCN:	Average storage January 12, 2015 (0800)	191.384 billion gallons	70.7%	
	Combined capacity at spillway level	270.837 billion gallons		
Lake Wallenpaupack:	Average storage January 11, 2015 (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				Power releases		Computed	Total	Precipitation	
	Directed release <sup>1</sup>	Pepacton	from NYC Cannonsville	Reservoirs Neversink	Wallen- paupack	Rio Reservoir	Uncon- trolled <sup>2</sup>	Discharge	(inches)	
		Daily	Cumul							
January 5	0	80	128	50	15	0	6,307	6,580	0.03	0.89
6	0	80	128	50	647	0	6,485	7,390	0.00	0.89
7	0	80	127	50	577	0	5,826	6,660	0.02	0.91
8	0	80	128	50	1,043	0	4,019	<b>5,320</b>	0.00	0.91
9	0	80	128	50	860	0	3,432	<b>4,550</b>	0.02	0.93
10	0	80	128	50	1,014	0	3,958	<b>5,230</b>	0.00	0.93
11	0	80	128	50	747	0	4,875	<b>5,880</b>	0.00	0.93

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 from Rio Reservoir.

Diversion by New Jersey through the D&R Canal January 5 - 11, 2015 is 96.5 mgd.

The average diversion for the 30-day period ending January 11, 2015 was 88.3 mgd and the maximum diversion was 101 mg. on January 9, 2015.

(Discharge values in bold are estimated due to ice effect.)

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

Summary river data for January 12 - 18, 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 1200	release end 2400	spill begin 1200	release begin 1500	beginning 800	beginning 800	beginning 800	1-Jun-14 to date
January 12	0	52	0	83	0	32	205	300	152	548
13	0	52	0	83	0	32	206	300	150	549
14	0	52	0	83	0	32	205	300	152	549
15	0	45	0	77	0	32	204	300	152	550
16	0	45	0	71	0	32	205	300	153	550
17	0	45	0	70	0	32	0	300	0	549
18	0	45	0	70	0	32	0	300	0	548

Pepacton Reservoir (P):	Average storage January 19, 2015 (0800)	101.554 billion gallons	72.4%	1,257.28 (elev. ft.)
	Spillway crest elevation 1,280.00 ft.	140.190 billion gallons		
Cannonsville Reservoir (C):	Average storage January 19, 2015 (0800)	61.307 billion gallons	64.1%	1,125.26 (elev. ft.)
	Spillway crest elevation 1,150.00 ft.	95.706 billion gallons		
Neversink Reservoir (N):	Average storage January 19, 2015 (0800)	28.906 billion gallons	82.7%	1,427.13 (elev. ft.)
	Spillway crest elevation 1,440.00 ft.	34.941 billion gallons		
Combined contents, PCN:	Average storage January 19, 2015 (0800)	191.767 billion gallons	70.8%	
	Combined capacity at spillway level	270.837 billion gallons		
Lake Wallenpaupack:	Average storage January 18, 2015 (0800)	21.407 billion gallons	60.4%	1,182.4 (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 <sup>1</sup>	Pepacton	Cannonsville	Neversink	Wallen- paupack	Rio Reservoir	Uncon- trolled <sup>2</sup>	Discharge	(inches)	
									Daily	Cumul
January 12	0	80	128	50	110	0	4,092	<b>4,460</b>	0.16	1.09
13	0	80	128	50	433	0	3,409	<b>4,100</b>	0.27	1.36
14	0	80	128	50	519	0	3,523	<b>4,300</b>	0.00	1.36
15	0	80	128	50	512	0	3,050	<b>3,820</b>	0.00	1.36
16	0	80	128	50	14	0	2,528	<b>2,800</b>	0.00	1.36
17	0	80	119	50	0	0	2,401	<b>2,650</b>	0.00	1.36
18	0	70	110	50	0	0	2,410	<b>2,640</b>	0.00	1.36

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 January 12 - 18, 2015 is 90.7 mgd.

The average diversion for the 30-day period ending January 18, 2015 was 91.6 mgd and the maximum diversion was 101 mgd on January 9, 2015.

(Discharge values in bold are estimated due to ice effect.)

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Summary river data for January 19 - 25, 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 800	beginning 800	beginning 800	1-Jun-14 to date
January 19	0	45	0	69	0	32	0	300	0	547
20	0	45	0	72	0	32	208	300	151	547
21	0	45	0	73	0	32	205	300	152	548
22	0	45	0	73	0	32	205	300	152	548
23	0	45	0	73	0	32	205	300	152	549
24	0	45	0	71	0	32	0	300	0	548
25	0	45	0	71	0	32	0	300	0	547

Pepacton Reservoir (P):	Average storage January 26, 2015 (0800)	101.804	billion gallons	72.6%	1,257.44	(elev. ft.)
	Spillway crest elevation 1,280.00 ft.	140.190	billion gallons			
Cannonsville Reservoir (C):	Average storage January 26, 2015 (0800)	60.366	billion gallons	63.1%	1,124.50	(elev. ft.)
	Spillway crest elevation 1,150.00 ft.	95.706	billion gallons			
Neversink Reservoir (N):	Average storage January 26, 2015 (0800)	28.641	billion gallons	82.0%	1,426.53	(elev. ft.)
	Spillway crest elevation 1,440.00 ft.	34.941	billion gallons			
Combined contents, PCN:	Average storage January 26, 2015 (0800)	190.811	billion gallons	70.5%		
	Combined capacity at spillway level	270.837	billion gallons			
Lake Wallenpaupack:	Average storage January 25, 2015 (0800)	21.407	billion gallons	60.4%	1,182.4	(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	
	Directed release1	Pepacton	Cannonsville	Neversink	Wallen- paupack	Rio Reservoir			(inches)	
							Uncon- trolled2	Daily	Cumul	
January 19	0	70	108	50	47	0	2,205	<b>2,480</b>	0.29	1.65
20	0	70	108	50	207	0	2,395	<b>2,830</b>	0.00	1.65
21	0	70	107	50	212	0	2,361	<b>2,800</b>	0.00	1.65
22	0	70	111	50	262	0	2,147	<b>2,640</b>	0.02	1.67
23	0	70	113	50	173	0	1,824	<b>2,230</b>	0.00	1.67
24	0	70	113	50	130	0	1,837	<b>2,200</b>	0.24	1.91
25	0	70	113	50	0	0	1,717	<b>1,950</b>	0.02	1.93

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 January 19 -25, 2015 averaged 90.9 mgd.

The average diversion for the 30-day period ending January 25, 2015 was 92.3 mgd and the maximum diversion was 115 mg. on January 24, 2015.

(Discharge values in bold are estimated due to ice effect.)

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Summary river data for January 26 - February 1, 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 800	beginning 800	beginning 800	1-Jun-14 to date
January 26	0	45	0	71	0	32	389	300	289	549
27	0	45	0	71	0	32	217	300	163	549
28	0	44	0	70	0	30	201	300	152	550
29	0	36	0	62	0	26	202	299	152	550
30	0	36	0	57	0	26	201	299	149	550
31	0	36	0	57	0	26	0	299	0	549
February 1	0	36	0	56	0	26	0	299	0	548

Pepacton Reservoir (P):	Average storage February 2, 2015 (0800)	101.070 billion gallons	72.1%	1,256.97	(elev. ft.)
	Spillway crest elevation 1,280.00 ft.	140.190 billion gallons			
Cannonsville Reservoir (C):	Average storage February 2, 2015 (0800)	58.986 billion gallons	61.6%	1,123.37	(elev. ft.)
	Spillway crest elevation 1,150.00 ft.	95.706 billion gallons			
Neversink Reservoir (N):	Average storage February 2, 2015 (0800)	27.974 billion gallons	80.1%	1,425.01	(elev. ft.)
	Spillway crest elevation 1,440.00 ft.	34.941 billion gallons			
Combined contents, PCN:	Average storage February 2, 2015 (0800)	188.030 billion gallons	69.4%		
	Combined capacity at spillway level	270.837 billion gallons			
Lake Wallenpaupack:	Average storage February 1, 2015 (0800)	20.690 billion gallons	58.4%	1,182.0	(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	
	Directed release1	Pepacton	Cannonsville	Neversink	Wallen- paupack	Rio Reservoir			(inches)	
							Uncon- trolled2	Daily	Cumul	
January 26	0	70	110	50	70	0	1,950	<b>2,250</b>	0.01	1.94
27	0	70	110	50	354	0	1,666	<b>2,250</b>	0.06	2.00
28	0	70	110	50	401	0	1,919	<b>2,550</b>	0.01	2.01
29	0	70	110	50	391	0	1,679	<b>2,300</b>	0.00	2.01
30	0	70	108	46	419	0	1,807	<b>2,450</b>	0.15	2.16
31	0	68	96	40	285	0	2,111	<b>2,600</b>	0.05	2.21
February 1	0	56	88	40	0	0	2,416	<b>2,600</b>	0.00	0.00

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

2. Includes conservation release ranged from 100 cfs from Rio Reservoir.

Diversions by New Jersey through the D&R Canal January 26, 2015 to February 1, 2015 averaged 99.5 mgd.

The average diversion for the 30-day period ending February 1, 2015 was 93.9 mgd and the maximum diversion was 115 mgd on January 24, 2015.

(Discharge values in bold are estimated due to ice effect.)