

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA
 Web address: <http://water.usgs.gov/osw/odrm>
 Summary river data for November 27th – December 03rd 2017 (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-16 to date
Nov 27	0	52	0	98	0	39	0	171	228	612
28	0	52	0	99	0	39	0	286	228	612
29	0	52	0	99	0	39	3	0	226	610
30	0	52	0	99	0	39	302	298	0	610
Dec 1	0	52	0	99	0	39	302	300	0	609
2	0	52	0	99	0	39	302	300	0	609
3	0	52	0	99	0	39	201	300	3	609

Pepacton Reservoir (P):	Available storage December 4, 2016 (0800) Spillway crest elevation 1,280.00 ft.	111.857 billion gallons 140.190 billion gallons	79.8%	1,263.72 (elev.ft.)
Cannonsville Reservoir (C):	Available storage December 4, 2016 (0800) Spillway crest elevation 1,150.00 ft.	49.375 billion gallons 95.706 billion gallons	51.6%	1,115.29 (elev.ft.)
Neversink Reservoir (N):	Available storage December 4, 2016 (0800) Spillway crest elevation 1,440.00 ft.	31.313 billion gallons 34.941 billion gallons	89.6%	1,432.43 (elev.ft.)
Combined contents, PCN:	Available storage December 4, 2016 (0800) Combined capacity at spillway level	192.545 billion gallons 270.837 billion gallons	71.1%	
Lake Wallenpaupack:	Available storage December 3, 2016 (0800) Spillway crest elevation 1,190.00 ft.	19.794 billion gallons 35.451 billion gallons	55.8%	1,181.47 (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 ¹	Pepacton	Cannonsville	Neversink	Wallen- paupack	Rio Reservoir	Uncon- trolled ²	Discharge	(inches)	
									Daily	Cumulative
Nov 27	0	80	152	60	0	0	1,948	2,240	0.00	1.09
28	0	80	152	60	0	89	1,809	2,190	0.00	1.09
29	0	80	152	60	0	35	1,723	2,050	0.00	1.09
30	0	80	153	60	0	18	1,659	1,970	0.00	1.09
Dec 1	0	80	153	60	0	53	1,604	1,950	0.18	0.18
2	73	80	153	60	0	35	1,612	1,940	0.00	0.18
3	217	80	153	60	0	18	1,619	1,930	0.00	0.18

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.

Diversions by New Jersey through the D&R Canal November 27th – December 3rd 2017 averaged 93.0 MGD.

The average diversion for the 30-day period ending December 3rd 2017 is 95.8 MGD, the maximum is 98 MGD.

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA
 Web address: <http://water.usgs.gov/osw/odrm>
 Summary river data for December 4th – December 10th 2017 (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-16 to date
Dec 4	0	52	0	97	0	39	204	300	150	609
5	0	41	0	98	0	39	204	300	0	609
6	0	36	0	97	0	39	7	300	146	608
7	0	48	0	97	0	39	0	300	203	607
8	0	51	0	97	0	39	180	194	125	607
9	0	51	0	97	0	39	278	220	0	606
10	0	52	0	98	0	39	298	220	0	606

Pepacton Reservoir (P):	Available storage December 11, 2016 (0800) Spillway crest elevation 1,280.00 ft.	112.053 billion gallons 140.190 billion gallons	79.9%	1,263.84 (elev.ft.)
Cannonsville Reservoir (C):	Available storage December 11, 2016 (0800) Spillway crest elevation 1,150.00 ft.	48.614 billion gallons 95.706 billion gallons	50.8%	1,114.62 (elev.ft.)
Neversink Reservoir (N):	Available storage December 11, 2016 (0800) Spillway crest elevation 1,440.00 ft.	31.155 billion gallons 34.941 billion gallons	89.2%	1,432.09 (elev.ft.)
Combined contents, PCN:	Available storage December 11, 2016 (0800) Combined capacity at spillway level	191.822 billion gallons 270.837 billion gallons	70.8%	
Lake Wallenpaupack:	Available storage December 10, 2016 (0800) Spillway crest elevation 1,190.00 ft.	20.152 billion gallons 35.451 billion gallons	56.8%	1,181.71 (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 ¹	Pepacton	Cannonsville	Neversink	Wallen- paupack	Rio Reservoir	Uncon- trolled ²	Discharge	(inches)	
									Daily	Cumulative
Dec 4	260	80	153	60	0	0	1,557	1,850	0.00	0.18
5	247	80	153	60	0	0	1,507	1,800	0.00	0.18
6	0	80	150	60	0	11	1,529	1,830	0.34	0.52
7	0	80	152	60	26	0	1,692	2,010	0.00	0.52
8	0	63	150	60	0	18	1,839	2,130	0.00	0.52
9	266	56	150	60	0	60	1,684	2,010	0.00	0.52
10	284	74	150	60	0	71	1,605	1,960	0.10	0.62

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.

Diversions by New Jersey through the D&R Canal December 4th – December 10th 2017 averaged 89.9 MGD.

The average diversion for the 30-day period ending December 10th 2017 is 94.3 MGD, the maximum is 98 MGD.

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA
 Web address: <http://water.usgs.gov/osw/odrm>
 Summary river data for December 11th – December 17th 2017 (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-16 to date
Dec 11	0	52	0	98	0	39	300	222	0	605
12	0	52	0	98	0	39	300	222	2	605
13	0	52	0	104	0	39	361	113	154	605
14	0	52	0	172	0	39	447	221	228	606
15	0	52	0	222	0	39	421	221	225	608
16	0	52	0	214	0	39	397	221	0	608
17	0	52	0	214	0	39	397	221	0	608

Pepacton Reservoir (P):	Available storage December 18, 2016 (0800) Spillway crest elevation 1,280.00 ft.	110.404 billion gallons 140.190 billion gallons	78.8%	1,262.83 (elev.ft.)
Cannonsville Reservoir (C):	Available storage December 18, 2016 (0800) Spillway crest elevation 1,150.00 ft.	47.336 billion gallons 95.706 billion gallons	49.5%	1,113.47 (elev.ft.)
Neversink Reservoir (N):	Available storage December 18, 2016 (0800) Spillway crest elevation 1,440.00 ft.	30.818 billion gallons 34.941 billion gallons	88.2%	1,431.36 (elev.ft.)
Combined contents, PCN:	Available storage December 18, 2016 (0800) Combined capacity at spillway level	188.558 billion gallons 270.837 billion gallons	69.6%	
Lake Wallenpaupack:	Available storage December 17, 2016 (0800) Spillway crest elevation 1,190.00 ft.	20.690 billion gallons 35.451 billion gallons	58.4%	1,181.95 (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 ¹	Pepacton	Cannonsville	Neversink	Wallen- paupack	Rio Reservoir	Uncon- trolled ²	Discharge	(inches)	
									Daily	Cumulative
Dec 11	140	79	150	60	0	0	1,571	1,860	0.00	0.62
12	35	79	152	60	25	18	1,486	1,820	0.06	0.68
13	101	80	152	60	0	0	1,448	1,740	0.05	0.73
14	136	80	152	60	27	284	1,387	1,990	0.01	0.74
15	301	80	161	60	0	390	1,469	2,160	0.00	0.74
16	406	80	266	60	0	124	1,190	1,720	0.00	0.74
17	483	80	343	60	0	35	1,562	2,080	0.01	0.75

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.

Diversions by New Jersey through the D&R Canal December 11th – December 17th 2017 averaged 91.7 MGD.

The average diversion for the 30-day period ending December 17th 2017 is 93.2 MGD, the maximum is 98 MGD.

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA
 Web address: <http://water.usgs.gov/osw/odrm>
 Summary river data for December 18th – December 24th 2017 (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-16 to date
Dec 18	0	52	0	284	0	39	401	220	0	608
19	0	49	0	170	0	39	401	221	0	608
20	0	48	0	88	0	36	401	221	0	608
21	0	48	0	88	0	36	401	221	0	608
22	0	48	0	88	0	36	401	203	0	608
23	0	48	0	88	0	36	401	202	0	608
24	0	48	0	88	0	36	401	9	0	607

Pepacton Reservoir (P):	Available storage December 25, 2016 (0800) Spillway crest elevation 1,280.00 ft.	109.251 billion gallons 140.190 billion gallons	77.9%	1,262.12 (elev.ft.)
Cannonsville Reservoir (C):	Available storage December 25, 2016 (0800) Spillway crest elevation 1,150.00 ft.	47.202 billion gallons 95.706 billion gallons	49.3%	1,113.35 (elev.ft.)
Neversink Reservoir (N):	Available storage December 25, 2016 (0800) Spillway crest elevation 1,440.00 ft.	31.364 billion gallons 34.941 billion gallons	89.9%	1,432.54 (elev.ft.)
Combined contents, PCN:	Available storage December 25, 2016 (0800) Combined capacity at spillway level	187.817 billion gallons 270.837 billion gallons	69.3%	
Lake Wallenpaupack:	Available storage December 24, 2016 (0800) Spillway crest elevation 1,190.00 ft.	21.228 billion gallons 35.451 billion gallons	59.9%	1,182.32 (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 ¹	Pepacton	Cannonsville	Neversink	Wallen- paupack	Rio Reservoir	Uncon- trolled ²	Discharge	(inches)	
									Daily	Cumulative
Dec 18	471	80	331	60	0	0	1,699	2,170	0.00	0.75
19	471	80	331	60	0	7	1,742	2,220	0.01	0.76
20	579	80	439	60	0	18	1,713	2,310	0.02	0.78
21	403	80	263	60	0	7	1,690	2,100	0.00	0.78
22	240	76	136	56	0	64	1,658	1,990	0.00	0.78
23	210	74	136	56	0	35	1,679	1,980	0.24	1.02
24	0	74	136	56	0	0	2,584	3,120	0.50	1.52

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.

Diversions by New Jersey through the D&R Canal December 18th – December 24th 2017 averaged 92.5 MGD.

The average diversion for the 30-day period ending December 24th 2017 is 92.1 MGD, the maximum is 97 MGD.

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 Summary river data for December 25th – December 31st 2017 (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-16 to date
Dec 25	0	48	0	89	0	36	402	0	0	606
26	0	48	0	88	0	36	451	192	452	608
27	0	48	0	87	0	36	451	202	452	611
28	0	48	0	87	0	36	451	202	454	613
29	0	48	0	87	0	36	451	0	456	615
30	0	48	0	87	0	36	451	0	456	616
31	0	48	0	87	0	36	451	0	407	617

Pepacton Reservoir (P):	Available storage January 1, 2016 (0800) Spillway crest elevation 1,280.00 ft.	107.782 billion gallons 140.190 billion gallons	76.9%	1,261.21(elev.ft.)
Cannonsville Reservoir (C):	Available storage January 1, 2016 (0800) Spillway crest elevation 1,150.00 ft.	47.669 billion gallons 95.706 billion gallons	49.8%	1,113.77 (elev.ft.)
Neversink Reservoir (N):	Available storage January 1, 2016 (0800) Spillway crest elevation 1,440.00 ft.	29.083 billion gallons 34.941 billion gallons	83.2%	1,427.53 (elev.ft.)
Combined contents, PCN:	Available storage January 1, 2016 (0800) Combined capacity at spillway level	184.534 billion gallons 270.837 billion gallons	68.1%	
Lake Wallenpaupack:	Available storage December 31, 2016 (0800) Spillway crest elevation 1,190.00 ft.	21.994 billion gallons 35.451 billion gallons	61.9%	1,182.68 (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 ¹	Pepacton	Cannonsville	Neversink	Wallen- paupack	Rio Reservoir	Uncon- trolled ²	Discharge	(inches)	
									Daily	Cumulative
Dec 25	0	74	136	56	0	0	3,924	4,190	0.05	1.57
26	0	74	136	56	0	18	2,946	3,230	0.03	1.60
27	0	74	138	56	0	319	2,073	2,660	0.00	1.60
28	0	74	136	56	0	851	1,653	2,770	0.00	1.60
29	0	74	135	56	0	798	1,417	2,480	0.00	1.60
30	0	74	135	56	0	674	1,371	2,310	0.00	1.60
31	0	74	135	56	0	674	1,371	2,310	0.02	1.62

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.

Diversions by New Jersey through the D&R Canal December 25th – December 31st 2017 averaged 89.3 MGD.

The average diversion for the 30-day period ending December 31st 2017 is 90.6 MGD, the maximum is 94 MGD.