

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA
 Web address: <http://water.usgs.gov/osw/odrm>
 Summary river data for December 29th – January 4th, 2019 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 29	360	453	0	971	270	123	0	0	0	386
30	331	452	0	970	182	123	0	0	0	384
31	332	452	0	969	235	123	0	0	0	382
Jan 1	473	452	0	969	404	123	0	0	0	381
2	298	452	0	970	259	123	0	0	0	379
3	276	452	0	970	171	123	0	0	0	377
4	175	452	0	970	143	123	298	0	0	377

Pepacton Reservoir (P):	Available storage January 5, 2019 (0800) Spillway crest elevation 1,280.00 ft.	139.680 billion gallons 139.320 billion gallons	100.3%	1,280.20 (elev.ft.)
Cannonsville Reservoir (C):	Available storage January 5, 2019 (0800) Spillway crest elevation 1,150.00 ft.	88.946 billion gallons 93.448 billion gallons	95.2%	1,147.01 (elev.ft.)
Neversink Reservoir (N):	Available storage January 5, 2019 (0800) Spillway crest elevation 1,440.00 ft.	34.821 billion gallons 34.692 billion gallons	100.4%	1,440.26 (elev.ft.)
Combined contents, PCN:	Available storage January 5, 2019 (0800) Combined capacity at spillway level	263.447 billion gallons 267.460 billion gallons	98.5%	
Lake Wallenpaupack:	Available storage January 4, 2019 (0800) Spillway crest elevation 1,190.00 ft.	24.125 billion gallons 35.451 billion gallons	69.1%	1,184.18 (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 29	0	699	1,501	190	1,167	678	9,165	13,400	0.08	1.66
30	0	699	1,501	190	907	521	8,382	12,200	0.01	1.67
31	0	699	1,502	190	840	862	7,607	11,700	<u>0.01</u>	<u>1.68</u>
Jan 1	0	701	1,501	190	1,331	514	11,863	16,100	0.27	0.27
2	0	699	1,499	190	48	705	13,259	16,400	0.00	0.27
3	0	699	1,499	190	2	1,215	10,195	13,800	0.05	0.32
4	0	699	1,501	190	285	751	9,374	12,800	0.00	0.32

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

2. Includes conservation release of 120 cfs from Rio Reservoir.

Diversions by New Jersey through the D&R Canal December 29th – January 4th, 2019 averaged 82.0 MGD.

The average diversion for the 30-day period ending January 4th 2019 is 87.7 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 January 5th – January 11th, 2019 (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
Jan 5	143	452	0	968	218	123	299	0	0	376
6	88	452	0	968	182	123	449	0	0	377
7	5	452	0	972	142	123	497	0	0	377
8	0	452	0	972	151	123	497	0	0	378
9	0	452	0	972	101	123	497	0	0	378
10	0	452	0	972	53	123	497	0	0	379
11	0	452	0	971	16	123	497	0	0	379

Pepacton Reservoir (P):	Available storage January 12, 2019 (0800) Spillway crest elevation 1,280.00 ft.	138.010 billion gallons 139.320 billion gallons	99.1%	1,279.29 (elev.ft.)
Cannonsville Reservoir (C):	Available storage January 12, 2019 (0800) Spillway crest elevation 1,150.00 ft.	87.853 billion gallons 93.448 billion gallons	94.0%	1,146.27 (elev.ft.)
Neversink Reservoir (N):	Available storage January 12, 2019 (0800) Spillway crest elevation 1,440.00 ft.	34.707 billion gallons 34.692 billion gallons	100.0%	1,440.03 (elev.ft.)
Combined contents, PCN:	Available storage January 12, 2019 (0800) Combined capacity at spillway level	260.570 billion gallons 267.460 billion gallons	97.4%	
Lake Wallenpaupack:	Available storage January 11, 2019 (0800) Spillway crest elevation 1,190.00 ft.	25.037 billion gallons 35.451 billion gallons	70.6%	1,184.49 (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
Jan 5	0	699	1,501	190	700	761	9,549	13,400	0.19	0.51
6	0	699	1,501	190	0	769	13,341	16,500	0.06	0.57
7	0	699	1,497	190	1	750	10,863	14,000	0.04	0.61
8	0	699	1,497	190	783	816	8,415	12,400	0.02	0.63
9	0	699	1,504	190	853	878	8,376	12,500	0.30	0.93
10	0	699	1,504	190	902	875	9,030	13,200	0.01	0.94
11	0	699	1,504	190	1040	767	7,100	11,300	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 120 cfs from Rio Reservoir.

Diversions by New Jersey through the D&R Canal January 5th – January 11th, 2019 averaged 91.2 MGD.

The average diversion for the 30-day period ending January 11th 2019 is 86.9 MGD, the maximum is 98 MGD.

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 Web address: <http://water.usgs.gov/osw/odrm>
 Summary river data for January 12th – January 18th, 2019 (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
Jan 12	0	452	0	970	13	123	497	168	0	381
13	0	452	0	969	22	123	497	220	0	382
14	0	452	0	967	17	123	497	211	0	384
15	0	451	0	964	16	123	497	0	0	384
16	0	452	0	964	8	123	497	0	0	385
17	0	452	0	963	0	123	497	0	0	385
18	0	453	0	965	0	123	369	0	0	385

Pepacton Reservoir (P):	Available storage January 19, 2019 (0800) Spillway crest elevation 1,280.00 ft.	134.430 billion gallons 139.320 billion gallons	96.5%	1,277.32 (elev.ft.)
Cannonsville Reservoir (C):	Available storage January 19, 2019 (0800) Spillway crest elevation 1,150.00 ft.	83.950 billion gallons 93.448 billion gallons	89.8%	1,143.59 (elev.ft.)
Neversink Reservoir (N):	Available storage January 19, 2019 (0800) Spillway crest elevation 1,440.00 ft.	34.672 billion gallons 34.692 billion gallons	99.9%	1,439.96 (elev.ft.)
Combined contents, PCN:	Available storage January 19, 2019 (0800) Combined capacity at spillway level	253.052 billion gallons 267.460 billion gallons	94.6%	
Lake Wallenpaupack:	Available storage January 18, 2019 (0800) Spillway crest elevation 1,190.00 ft.	25.402 billion gallons 35.451 billion gallons	71.7%	1,184.60 (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
Jan 12	0	699	1,504	190	1,020	621	5,506	9,540	0.00	0.94
13	0	699	1,502	190	273	674	5,502	8,840	0.00	0.94
14	0	699	1,501	190	271	733	5,306	8,700	0.00	0.94
15	0	699	1,499	190	878	408	4,576	8,250	0.00	0.94
16	0	699	1,496	190	399	567	4,009	7,360	0.00	0.94
17	0	699	1,491	190	4	637	3,799	6,820	0.00	0.94
18	0	698	1,491	190	4	729	3,478	6,590	0.02	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 120 cfs from Rio Reservoir.

Diversions by New Jersey through the D&R Canal January 12th – January 18th, 2019 averaged 93.5 MGD.

The average diversion for the 30-day period ending January 18th 2019 is 87.3 MGD, the maximum is 96 MGD.

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA
 Web address: <http://water.usgs.gov/osw/odrm>
 Summary river data for January 19th – January 25th, 2019 (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
Jan 19	0	452	0	970	0	123	199	0	0	384
20	0	452	0	971	11	123	366	0	0	384
21	0	452	0	969	0	123	121	0	0	383
22	0	452	0	965	0	123	366	0	0	383
23	0	452	0	966	0	123	50	0	0	381
24	0	452	0	969	1,564	73	0	0	0	380
25	70	452	0	977	705	123	0	0	0	378

Pepacton Reservoir (P):	Available storage January 26, 2019 (0800) Spillway crest elevation 1,280.00 ft.	139.960 billion gallons 139.320 billion gallons	100.5%	1,280.35 (elev.ft.)
Cannonsville Reservoir (C):	Available storage January 26, 2019 (0800) Spillway crest elevation 1,150.00 ft.	87.470 billion gallons 93.448 billion gallons	93.6%	1,146.01 (elev.ft.)
Neversink Reservoir (N):	Available storage January 26, 2019 (0800) Spillway crest elevation 1,440.00 ft.	34.936 billion gallons 34.692 billion gallons	100.7%	1,440.49 (elev.ft.)
Combined contents, PCN:	Available storage January 26, 2019 (0800) Combined capacity at spillway level	262.366 billion gallons 267.460 billion gallons	98.1%	
Lake Wallenpaupack:	Available storage January 25, 2019 (0800) Spillway crest elevation 1,190.00 ft.	24.855 billion gallons 35.451 billion gallons	70.1%	1,184.31 (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
Jan 19	0	699	1,490	190	4	359	3,338	6,080	0.01	0.97
20	0	699	1,493	190	4	816	3,688	6,890	0.63	1.60
21	0	701	1,501	190	0	862	3,876	7,130	0.14	1.74
22	0	699	1,502	190	925	815	3,879	8,010	0.00	1.74
23	0	699	1,499	190	1,402	837	4,623	9,250	0.00	1.74
24	0	699	1,493	190	1,541	710	7,467	12,100	0.69	2.43
25	0	698	1,494	190	1,623	860	29,634	34,500	0.49	2.92

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

2. Includes conservation release of 120 cfs from Rio Reservoir.

Diversions by New Jersey through the D&R Canal January 19th – January 25th, 2019 averaged 78 MGD.

The average diversion for the 30-day period ending January 25th 2019 is 85.8 MGD, the maximum is 96 MGD.