

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA
 Web address: <http://water.usgs.gov/osw/odrm>
 Summary river data for October 30th – November 5th 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
Oct 30	0	43	0	98	0	39	401	26	0	628
31	0	52	0	98	0	39	401	0	2	627
Nov 1	0	52	0	97	0	39	401	0	253	627
2	0	52	0	98	0	39	401	0	255	627
3	0	52	0	98	0	39	401	0	85	626
4	0	54	0	98	0	41	418	0	0	625
5	0	52	0	102	0	39	401	0	0	623

Pepacton Reservoir (P):	Available storage November 6, 2016 (0800) Spillway crest elevation 1,280.00 ft.	113.568 billion gallons 140.190 billion gallons	81.0%	1,264.76 (elev.ft.)
Cannonsville Reservoir (C):	Available storage November 6, 2016 (0800) Spillway crest elevation 1,150.00 ft.	48.325 billion gallons 95.706 billion gallons	50.5%	1,114.36 (elev.ft.)
Neversink Reservoir (N):	Available storage November 6, 2016 (0800) Spillway crest elevation 1,440.00 ft.	30.410 billion gallons 34.941 billion gallons	87.0%	1,430.47 (elev.ft.)
Combined contents, PCN:	Available storage November 6, 2016 (0800) Combined capacity at spillway level	192.303 billion gallons 270.837 billion gallons	71.0%	
Lake Wallenpaupack:	Available storage November 5, 2016 (0800) Spillway crest elevation 1,190.00 ft.	17.666 billion gallons 35.451 billion gallons	49.8%	1,180.26 (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
Oct 30	0	80	220	60	0	89	10,151	10,600	3.02	6.19
31	0	80	152	60	0	851	17,457	18,600	<u>0.03</u>	<u>6.22</u>
Nov 1	0	74	152	60	0	851	8,253	9,390	0.00	0.00
2	0	67	152	60	27	851	5,533	6,690	0.04	0.04
3	0	80	150	60	0	851	4,329	5,470	0.00	0.04
4	0	80	152	60	0	603	3,595	4,490	0.01	0.05
5	0	80	152	60	0	603	3,045	3,940	0.02	0.07

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

2. Includes conservation release of 70 cfs from Rio Reservoir.

Diversions by New Jersey through the D&R Canal October 30th – November 5th 2017 averaged 92.7 MGD.

The average diversion for the 30-day period ending November 5th 2017 is 95.4 MGD, the maximum is 98 MGD.

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

Summary river data for November 6th – November 12th 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 6	0	52	0	98	0	39	401	0	0	622
7	0	52	0	99	0	39	401	1	0	621
8	0	52	0	98	0	39	401	0	0	619
9	0	52	0	97	0	39	401	0	2	618
10	0	52	0	97	0	39	401	0	226	618
11	0	52	0	98	0	39	401	0	0	617
12	0	52	0	98	0	39	401	0	0	615

Pepacton Reservoir (P):	Available storage November 13, 2016 (0800) Spillway crest elevation 1,280.00 ft.	112.695 billion gallons 140.190 billion gallons	80.4%	1,264.23 (elev.ft.)
Cannonsville Reservoir (C):	Available storage November 13, 2016 (0800) Spillway crest elevation 1,150.00 ft.	50.367 billion gallons 95.706 billion gallons	52.6%	1,116.14 (elev.ft.)
Neversink Reservoir (N):	Available storage November 13, 2016 (0800) Spillway crest elevation 1,440.00 ft.	30.845 billion gallons 34.941 billion gallons	88.3%	1,431.42 (elev.ft.)
Combined contents, PCN:	Available storage November 13, 2016 (0800) Combined capacity at spillway level	193.907 billion gallons 270.837 billion gallons	71.6%	
Lake Wallenpaupack:	Available storage November 12, 2016 (0800) Spillway crest elevation 1,190.00 ft.	18.194 billion gallons 35.451 billion gallons	51.3%	1,180.65 (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 6	0	80	152	63	0	160	2,715	3,170	0.05	0.12
7	0	84	158	60	0	0	2,598	2,900	0.14	0.26
8	0	80	152	60	0	0	2,738	3,030	0.09	0.35
9	0	80	153	60	0	0	2,587	2,880	0.01	0.36
10	0	80	152	60	0	0	2,398	2,690	0.06	0.42
11	0	80	150	60	0	0	2,310	2,600	0.00	0.42
12	0	80	150	60	0	0	2,160	2,450	0.00	0.42

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

2. Includes conservation release of 70 cfs from Rio Reservoir.

Diversions by New Jersey through the D&R Canal November 6th – November 12th 2017 averaged 96.0 MGD.

The average diversion for the 30-day period ending November 12th 2017 is 95.3 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 November 13th – November 19th 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 13	0	52	0	98	0	39	441	0	226	616
14	0	52	0	98	0	39	451	300	0	616
15	0	52	0	98	0	39	376	300	0	617
16	0	52	0	98	0	39	451	301	153	618
17	0	52	0	98	0	39	302	301	0	618
18	0	52	0	98	0	39	302	301	0	618
19	0	52	0	99	0	39	302	300	0	618

Pepacton Reservoir (P):	Available storage November 20, 2016 (0800) Spillway crest elevation 1,280.00 ft.	111.792 billion gallons 140.190 billion gallons	79.7%	1,263.68 (elev.ft.)
Cannonsville Reservoir (C):	Available storage November 20, 2016 (0800) Spillway crest elevation 1,150.00 ft.	49.982 billion gallons 95.706 billion gallons	52.2%	1,115.81 (elev.ft.)
Neversink Reservoir (N):	Available storage November 20, 2016 (0800) Spillway crest elevation 1,440.00 ft.	31.206 billion gallons 34.941 billion gallons	89.3%	1,432.20 (elev.ft.)
Combined contents, PCN:	Available storage November 20, 2016 (0800) Combined capacity at spillway level	192.980 billion gallons 270.837 billion gallons	71.3%	
Lake Wallenpaupack:	Available storage November 19, 2016 (0800) Spillway crest elevation 1,190.00 ft.	18.898 billion gallons 35.451 billion gallons	53.3%	1,180.96 (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 13	0	80	152	60	0	0	1,998	2,290	0.00	0.42
14	0	80	152	60	0	53	1,895	2,240	0.01	0.43
15	0	80	152	60	0	53	1,835	2,180	0.00	0.43
16	0	80	152	60	0	18	1,790	2,100	0.06	0.49
17	0	80	152	60	0	0	1,778	2,070	0.05	0.54
18	0	80	152	60	0	0	1,808	2,100	0.00	0.54
19	0	80	152	60	0	0	1,888	2,180	0.52	1.06

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 13th – November 19th 2017 averaged 97.0 MGD.

The average diversion for the 30-day period ending November 19th 2017 is 95.6 MGD, the maximum is 98 MGD.

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 Web address: <http://water.usgs.gov/osw/odrm>
 Summary river data for November 20th – November 26th 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 20	0	52	0	97	0	39	1	0	0	615
21	0	52	0	96	0	39	217	174	0	613
22	0	52	0	98	0	39	302	300	114	614
23	0	52	0	98	0	39	302	300	0	614
24	0	52	0	98	0	39	302	300	0	614
25	0	52	0	98	0	39	302	300	0	614
26	0	52	0	98	0	39	289	268	0	613

Pepacton Reservoir (P):	Available storage November 27, 2016 (0800) Spillway crest elevation 1,280.00 ft.	111.808 billion gallons 140.190 billion gallons	79.8%	1,263.69 (elev.ft.)
Cannonsville Reservoir (C):	Available storage November 27, 2016 (0800) Spillway crest elevation 1,150.00 ft.	49.971 billion gallons 95.706 billion gallons	52.2%	1,115.80 (elev.ft.)
Neversink Reservoir (N):	Available storage November 27, 2016 (0800) Spillway crest elevation 1,440.00 ft.	31.663 billion gallons 34.941 billion gallons	90.6%	1,433.18 (elev.ft.)
Combined contents, PCN:	Available storage November 27, 2016 (0800) Combined capacity at spillway level	193.442 billion gallons 270.837 billion gallons	71.4%	
Lake Wallenpaupack:	Available storage November 26, 2016 (0800) Spillway crest elevation 1,190.00 ft.	19.436 billion gallons 35.451 billion gallons	54.8%	1,181.26 (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 20	0	80	152	60	0	0	2,768	3,060	0.02	1.08
21	0	80	153	60	0	0	3,167	3,460	0.00	1.08
22	0	80	150	60	0	0	2,630	2,920	0.00	1.08
23	0	80	149	60	0	0	2,381	2,670	0.00	1.08
24	0	80	152	60	0	0	2,218	2,510	0.00	1.08
25	0	80	152	60	0	0	2,098	2,390	0.00	1.08
26	0	80	152	60	0	0	2,018	2,310	0.01	1.09

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 20th – November 26th 2017 averaged 97.0 MGD.

The average diversion for the 30-day period ending November 26th 2017 is 95.5 MGD, the maximum is 98 MGD.