

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA
 Web address: <http://water.usgs.gov/osw/odrm>
 Summary river data for August 29th – September 4th 2016 (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
August 29	0	90	0	334	0	71	0	277	0	531
30	0	90	0	325	0	71	0	333	0	529
31	0	90	0	321	0	67	6	333	3	527
Sept 1	0	90	0	280	0	58	0	426	0	526
2	0	90	0	498	0	58	373	289	0	527
3	0	90	0	499	0	58	446	224	0	529
4	0	90	0	504	0	58	446	223	0	530

Pepacton Reservoir (P):	Available storage September 5, 2015 (0800) Spillway crest elevation 1,280.00 ft.	110.941 billion gallons 140.190 billion gallons	79.1%	1,263.16 (elev.ft.)
Cannonsville Reservoir (C):	Available storage September 5, 2015 (0800) Spillway crest elevation 1,150.00 ft.	62.683 billion gallons 95.706 billion gallons	65.5%	1,126.34(elev.ft.)
Neversink Reservoir (N):	Available storage September 5, 2015 (0800) Spillway crest elevation 1,440.00 ft.	26.766 billion gallons 34.941 billion gallons	76.6%	1,422.20 (elev.ft.)
Combined contents, PCN:	Available storage September 6, 2015 (0800) Combined capacity at spillway level	200.390 billion gallons 270.837 billion gallons	74.0%	
Lake Wallenpaupack:	Available storage September 6, 2015 (0800) Spillway crest elevation 1,190.00 ft.	17.138 billion gallons 35.451 billion gallons	48.3%	1,180.0 (elev.ft.)

Lake Wallenpaupack data is given for 6th as 4th and 5th data is unavailable

**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
August 29	0	139	492	110	571	89	1,049	2,450	0.00	4.26
30	0	139	515	110	565	124	977	2,430	0.00	4.26
31	0	139	517	110	612	35	897	2,310	<u>0.00</u>	<u>4.26</u>
Sept 1	96	139	503	110	403	53	902	2,110	0.08	0.08
2	404	139	497	104	125	0	815	1,680	0.01	0.09
3	413	139	433	90	0	71	797	1,530	0.00	0.09
4	999	139	770	90	0	0	711	1,710	0.00	0.09

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

2. Includes conservation release of 75 cfs on August 29th - September 4th from Rio Reservoir.

Diversions by New Jersey through the D&R Canal August 29th – September 4th 2016 averaged 66.5 MGD.

The average diversion for the 30-day period ending September 4th, 2016 in MGD is 64.0 the maximum in MGD is 70 on September 1st.

NOTE: Total discharge has had a shift applied.

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA

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

Summary river data for September 05th – September 11th 2016 (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
Sept 5	0	90	0	666	0	58	446	223	0	531
6	0	90	0	720	0	58	450	58	0	531
7	0	90	0	835	0	58	1	0	0	526
8	0	90	0	680	0	58	80	0	77	522
9	0	90	0	810	0	58	76	0	77	518
10	0	90	0	642	0	58	0	0	0	513
11	0	90	0	860	0	58	0	0	0	508

Pepacton Reservoir (P):	Available storage September 12, 2016 (0800) Spillway crest elevation 1,280.00 ft.	109.559 billion gallons 140.190 billion gallons	78.2%	1,262.31 (elev.ft.)
Cannonsville Reservoir (C):	Available storage September 12, 2016 (0800) Spillway crest elevation 1,150.00 ft.	57.728 billion gallons 95.706 billion gallons	60.3%	1,122.34(elev.ft.)
Neversink Reservoir (N):	Available storage September 12, 2016 (0800) Spillway crest elevation 1,440.00 ft.	26.312 billion gallons 34.941 billion gallons	75.3%	1,421.13 (elev.ft.)
Combined contents, PCN:	Available storage September 12, 2016 (0800) Combined capacity at spillway level	193.599 billion gallons 270.837 billion gallons	71.5%	
Lake Wallenpaupack:	Available storage September 12, 2016 (0800) Spillway crest elevation 1,190.00 ft.	17.138 billion gallons 35.451 billion gallons	48.3%	1,180.0 (elev.ft.)

Lake Wallenpaupack data is given for the 12th as data is unavailable for the 11th.

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
Sept 5	1001	139	772	90	0	0	689	1,690	0.00	0.09
6	1009	139	780	90	0	0	561	1,570	0.00	0.09
7	1059	139	1,030	90	0	0	551	1,810	0.00	0.09
8	1143	139	1,114	90	0	53	544	1,940	0.00	0.09
9	1321	139	1,292	90	0	53	506	2,080	0.21	0.30
10	1031	139	1,052	90	0	0	639	1,920	0.13	0.43
11	1232	139	1,253	90	0	0	598	2,080	0.05	0.48

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

2. Includes conservation release of 60 cfs on September 5th - September 11th from Rio Reservoir.

Diversions by New Jersey through the D&R Canal September 5th – September 11th 2016 averaged 65.0 MGD.

The average diversion for the 30-day period ending September 11th, 2016 in MGD is 65.5 the maximum in MGD is 70 on September 1st.

NOTE: Total discharge has had a shift applied from the 7th to the 11th.
There were IERQ releases of 200 on the 7th, 200 on the 8th, 200 on the 9th, 250 on the 10th and 250 on the 11th.

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA
 Web address: <http://water.usgs.gov/osw/odrm>
 Summary river data for September 12th – September 18th 2016 (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
Sept 12	0	90	0	752	0	58	357	207	0	509
13	0	90	0	768	0	58	403	204	0	510
14	0	90	0	831	0	58	422	218	0	511
15	0	86	0	1,006	0	58	450	238	0	513
16	0	64	0	958	0	58	450	292	31	515
17	0	66	0	470	0	58	450	299	0	517
18	0	66	0	309	0	58	450	299	0	519

Pepacton Reservoir (P):	Available storage September 19, 2016 (0800) Spillway crest elevation 1,280.00 ft.	106.452 billion gallons 140.190 billion gallons	75.9%	1,260.38 (elev.ft.)
Cannonsville Reservoir (C):	Available storage September 19, 2016 (0800) Spillway crest elevation 1,150.00 ft.	51.954 billion gallons 95.706 billion gallons	54.3%	1,117.50(elev.ft.)
Neversink Reservoir (N):	Available storage September 19, 2016 (0800) Spillway crest elevation 1,440.00 ft.	25.929 billion gallons 34.941 billion gallons	74.2%	1,420.22 (elev.ft.)
Combined contents, PCN:	Available storage September 19, 2016 (0800) Combined capacity at spillway level	184.335 billion gallons 270.837 billion gallons	68.1%	
Lake Wallenpaupack:	Available storage September 19, 2016 (0800) Spillway crest elevation 1,190.00 ft.	17.138 billion gallons 35.451 billion gallons	48.3%	1,180.0 (elev.ft.)

Lake Wallenpaupack data is given for 20th as data is unavailable for the 18th and 19th.

**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
Sept 12	1072	139	993	90	0	0	598	1,820	0.00	0.48
13	1259	139	1,330	90	0	0	481	2,040	0.00	0.48
14	1242	139	1,163	90	0	0	458	1,850	0.00	0.48
15	1267	139	1,188	90	0	0	483	1,900	0.06	0.54
16	1365	139	1,286	90	0	0	475	1,990	0.00	0.54
17	1635	139	1,556	90	0	0	385	2,170	0.00	0.54
18	1605	133	1,482	90	0	177	298	2,180	0.10	0.64

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

2. Includes conservation release of 60 cfs on September 12th - September 18th from Rio Reservoir.

Diversions by New Jersey through the D&R Canal September 12th – September 18th 2016 average in MGD is unavailable as data is missing from the 12th and 13th.

The average diversion for the 30-day period ending September 18th, 2016 in MGD and the maximum in MGD is unavailable as data is missing from the 12th and 13th.

IERQ water was released; 150 on the 12th, 300 on the 13th, 150 on the 14th, 150 on the 15th, 150 on the 16th, 150 on the 17th and 100 on the 18th.

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA
 Web address: <http://water.usgs.gov/osw/odrm>
 Summary river data for September 19th – September 25th 2016 (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
Sept 19	0	65	0	198	0	58	450	299	0	522
20	0	65	0	651	0	58	450	289	0	523
21	0	65	0	747	0	58	450	299	0	525
22	0	65	0	735	0	58	450	299	0	527
23	0	65	0	537	0	58	450	299	0	529
24	0	65	0	404	0	58	451	298	0	531
25	0	65	0	371	0	58	451	298	0	533

Pepacton Reservoir (P):	Available storage September 26, 2016 (0800) Spillway crest elevation 1,280.00 ft.	103.183 billion gallons 140.190 billion gallons	73.6%	1,258.32 (elev.ft.)
Cannonsville Reservoir (C):	Available storage September 26, 2016 (0800) Spillway crest elevation 1,150.00 ft.	48.103 billion gallons 95.706 billion gallons	50.3%	1,114.16(elev.ft.)
Neversink Reservoir (N):	Available storage September 26, 2016 (0800) Spillway crest elevation 1,440.00 ft.	25.591 billion gallons 34.941 billion gallons	73.2%	1,419.41 (elev.ft.)
Combined contents, PCN:	Available storage September 26, 2016 (0800) Combined capacity at spillway level	176.877 billion gallons 270.837 billion gallons	65.3%	
Lake Wallenpaupack:	Available storage September 26, 2016 (0800) Spillway crest elevation 1,190.00 ft.	15.378 billion gallons 35.451 billion gallons	43.4%	1,179.0 (elev.ft.)

Lake Wallenpaupack data is given for the 26th as data is unavailable for the 25th

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
Sept 19	916	99	727	90	0	0	584	1,500	0.90	1.54
20	670	102	478	90	301	0	1,059	2,030	0.06	1.60
21	450	102	306	90	309	0	1,451	2,210	0.00	1.60
22	1,198	101	1,007	90	330	0	882	2,410	0.00	1.60
23	1,147	101	1,156	90	331	0	822	2,300	0.00	1.60
24	1,128	101	1,137	90	528	0	704	2,360	0.00	1.60
25	822	101	831	90	439	0	669	1,930	0.00	1.60

1. Release directed to maintain a flow at Montague of 1,750 cfs and Trenton of 3,000 cfs.
2. Includes conservation release of 60 cfs on September 19th - September 25th from Rio Reservoir.
 Diversions by New Jersey through the D&R Canal September 19th – September 25th 2016 averaged 73.6 MGD.

The average diversion for the 30-day period ending September 25th, 2016 in MGD and the maximum in MGD are unavailable as data is missing from the 12th and 13th.

IERQ water was released; 200 on the 23rd, 200 on the 24th and 200 on the 25th