

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA
 Web address: <http://water.usgs.gov/osw/odrm>
 Summary river data for June 27th – July 3rd 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
June 27	0	90	0	321	0	71	449	294	149	523
28	0	90	0	321	0	71	450	298	114	535
29	0	90	0	321	0	71	450	52	114	537
30	0	90	0	321	0	71	450	0	114	538
July 1	0	90	0	321	0	71	450	0	113	539
2	0	90	0	321	0	71	450	0	0	536
3	0	90	0	323	0	70	450	0	0	534

Pepacton Reservoir (P):	Available storage July 4, 2015 (0800) Spillway crest elevation 1,280.00 ft.	128.022 billion gallons 140.190 billion gallons	91.3%	1,273.24 (elev.ft.)
Cannonsville Reservoir (C):	Available storage July 4, 2015 (0800) Spillway crest elevation 1,150.00 ft.	83.403 billion gallons 95.706 billion gallons	87.1%	1,141.75 (elev.ft.)
Neversink Reservoir (N):	Available storage July 4, 2015 (0800) Spillway crest elevation 1,440.00 ft.	32.141 billion gallons 34.941 billion gallons	92.0%	1,434.20 (elev.ft.)
Combined contents, PCN:	Available storage July 4, 2015 (0800) Combined capacity at spillway level	243.566 billion gallons 270.837 billion gallons	89.9%	
Lake Wallenpaupack:	Available storage July 3, 2015 (0800) Spillway crest elevation 1,190.00 ft.	26.315 billion gallons 35.451 billion gallons	74.2%	1,185.1 (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
June 27	845	139	596	110	177	0	788	1,810	0.01	2.06
28	614	139	492	110	189	0	1,020	1,950	0.68	2.74
29	484	139	497	110	243	0	1,271	2,260	0.47	3.21
30	243	139	497	110	190	0	2,104	3,040	<u>0.00</u>	<u>3.21</u>
July 1	117	139	497	110	225	0	1,439	2,410	0.00	0.00
2	0	139	497	110	334	0	1,200	2,280	0.25	0.25
3	231	139	497	110	239	0	1,015	2,000	0.00	0.25

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

2. Includes conservation release of 80 cfs (June 27th – July 3rd from Rio Reservoir.

Diversions by New Jersey through the D&R Canal June 27th – July 3rd 2016 averaged 72.4 MGD.

The average diversion for the 30-day period ending July 3rd, 2016 in MGD and the maximum diversion are unavailable as June 9th in missing.

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA
 Web address: <http://water.usgs.gov/osw/odrm>
 Summary river data for July 4th – July 10th 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
July 4	0	90	0	329	0	71	450	0	0	531
5	0	90	0	327	0	71	449	295	113	541
6	0	90	0	326	0	71	449	5	151	542
7	0	90	0	326	0	71	377	0	207	544
8	0	90	0	325	0	71	338	0	206	544
9	0	90	0	324	0	71	0	0	0	530
10	0	90	0	326	0	71	0	0	0	516

Pepacton Reservoir (P):	Available storage July 11, 2015 (0800) Spillway crest elevation 1,280.00 ft.	126.761 billion gallons 140.190 billion gallons	90.4%	1,272.52 (elev.ft.)
Cannonsville Reservoir (C):	Available storage July 11, 2015 (0800) Spillway crest elevation 1,150.00 ft.	81.712 billion gallons 95.706 billion gallons	85.4%	1,140.58 (elev.ft.)
Neversink Reservoir (N):	Available storage July 11, 2015 (0800) Spillway crest elevation 1,440.00 ft.	31.541 billion gallons 34.941 billion gallons	90.3%	1,432.92 (elev.ft.)
Combined contents, PCN:	Available storage July 11, 2015 (0800) Combined capacity at spillway level	240.014 billion gallons 270.837 billion gallons	88.6%	
Lake Wallenpaupack:	Available storage July 10, 2015 (0800) Spillway crest elevation 1,190.00 ft.	25.037 billion gallons 35.451 billion gallons	70.6%	1,184.4 (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
July 4	0	139	497	110	182	0	982	1,910	0.00	0.25
5	359	139	500	108	180	0	903	1,830	0.09	0.34
6	432	139	509	110	295	53	874	1,980	0.00	0.34
7	489	139	506	110	394	248	753	2,150	0.00	0.34
8	588	139	504	110	563	284	910	2,510	0.26	0.60
9	0	139	504	110	462	284	1,041	2,540	0.36	0.96
10	331	139	503	110	228	0	2,750	3,730	1.30	2.26

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 (July 4th – July 7th) and 60 cfs (July 8th – July 10th) from Rio Reservoir.

Diversions by New Jersey through the D&R Canal July 4th – July 10th 2016 averaged 65.6 MGD.

The average diversion for the 30-day period ending July 10th, 2016 in MGD is 80.1 the maximum in MGD is 105 on June 11th.

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA
 Web address: <http://water.usgs.gov/osw/odrm>
 Summary river data for July 11th – July 17th 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
July 11	0	90	0	323	0	71	0	0	81	506
12	0	90	0	323	0	71	446	0	134	508
13	0	90	0	323	0	71	445	0	206	511
14	0	90	0	323	0	71	449	0	227	515
15	0	90	0	323	0	71	449	0	434	523
16	0	90	0	322	0	71	449	0	244	526
17	0	90	0	322	0	71	431	218	0	529

Pepacton Reservoir (P):	Available storage July 18, 2015 (0800) Spillway crest elevation 1,280.00 ft.	124.135 billion gallons 140.190 billion gallons	88.5%	1,271.01 (elev.ft.)
Cannonsville Reservoir (C):	Available storage July 18, 2015 (0800) Spillway crest elevation 1,150.00 ft.	79.825 billion gallons 95.706 billion gallons	83.4%	1,139.24 (elev.ft.)
Neversink Reservoir (N):	Available storage July 18, 2015 (0800) Spillway crest elevation 1,440.00 ft.	30.100 billion gallons 34.941 billion gallons	86.1%	1,429.79 (elev.ft.)
Combined contents, PCN:	Available storage July 18, 2015 (0800) Combined capacity at spillway level	234.060 billion gallons 270.837 billion gallons	86.4%	
Lake Wallenpaupack:	Available storage July 17, 2015 (0800) Spillway crest elevation 1,190.00 ft.	22.847 billion gallons 35.451 billion gallons	64.4%	1,183.2 (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
July 11	165	139	501	110	69	0	3,576	4,560	0.02	2.42
12	0	139	504	110	265	18	2,284	3,320	0.00	2.42
13	0	139	500	110	397	89	1,525	2,760	0.00	2.42
14	0	139	500	110	397	89	1,175	2,510	0.01	2.43
15	0	139	500	110	533	230	1,168	2,680	0.16	2.59
16	0	139	500	110	529	53	1,239	2,570	0.00	2.59
17	0	139	500	110	514	0	1,207	2,470	0.25	2.84

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 (July 11th – July 17th) from Rio Reservoir.

Diversions by New Jersey through the D&R Canal July 11th – July 17th 2016 averaged 67.1 MGD.

The average diversion for the 30-day period ending July 17th, 2016 in MGD is 72.6 the maximum in MGD is 89 on June 18th.

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA
 Web address: <http://water.usgs.gov/osw/odrm>
 Summary river data for July 18th – July 24th 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
July 18	0	90	0	321	0	71	380	40	153	530
19	0	90	0	328	0	71	0	461	0	529
20	0	90	0	329	0	71	0	472	0	527
21	0	90	0	325	0	71	0	471	0	526
22	0	90	0	321	0	71	0	471	0	525
23	0	90	0	366	0	71	0	471	0	524
24	0	90	0	489	0	71	0	470	0	523

Pepacton Reservoir (P):	Available storage July 25, 2015 (0800) Spillway crest elevation 1,280.00 ft.	123.514 billion gallons 140.190 billion gallons	88.1%	1,270.65 (elev.ft.)
Cannonsville Reservoir (C):	Available storage July 25, 2015 (0800) Spillway crest elevation 1,150.00 ft.	74.851 billion gallons 95.706 billion gallons	78.2%	1,135.64 (elev.ft.)
Neversink Reservoir (N):	Available storage July 25, 2015 (0800) Spillway crest elevation 1,440.00 ft.	29.611 billion gallons 34.941 billion gallons	84.7%	1,428.71 (elev.ft.)
Combined contents, PCN:	Available storage July 25, 2015 (0800) Combined capacity at spillway level	227.976 billion gallons 270.837 billion gallons	84.2%	
Lake Wallenpaupack:	Available storage July 24, 2015 (0800) Spillway crest elevation 1,190.00 ft.	21.228 billion gallons 35.451 billion gallons	59.9%	1,182.3 (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
July 18	0	139	498	110	484	71	1,488	2,790	0.00	2.84
19	0	139	498	110	337	89	1,397	2,570	0.26	3.10
20	0	139	497	110	293	35	1,146	2,220	0.00	3.10
21	0	139	507	110	280	0	1,024	2,060	0.00	3.10
22	0	139	509	110	233	124	955	2,070	0.00	3.10
23	0	139	503	110	487	149	802	2,190	0.00	3.10
24	184	139	497	110	259	124	841	1,970	0.00	3.10

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 (July 18th), 70 cfs (July 19th – July 22nd) and 60 cfs (July 23rd – July 24th) from Rio Reservoir.
- Diversions by New Jersey through the D&R Canal July 18th – July 24th 2016 averaged 58.8 MGD.
 The average diversion for the 30-day period ending July 24th, 2016 in MGD is 69.7 the maximum in MGD is 84 on June 25th.

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 Summary river data for July 25th – July 31st 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
July 25	0	90	0	440	0	71	0	470	0	522
26	0	91	0	321	0	71	358	115	134	524
27	0	91	0	319	0	71	449	0	172	526
28	0	90	0	324	0	71	449	0	172	527
29	0	90	0	327	0	71	449	0	172	529
30	0	90	0	325	0	71	449	0	0	527
31	0	90	0	326	0	71	449	0	0	526

Pepacton Reservoir (P):	Available storage August 1, 2015 (0800) Spillway crest elevation 1,280.00 ft.	121.351 billion gallons 140.190 billion gallons	86.6%	1,269.39 (elev.ft.)
Cannonsville Reservoir (C):	Available storage August 1, 2015 (0800) Spillway crest elevation 1,150.00 ft.	72.960 billion gallons 95.706 billion gallons	76.2%	1,134.24 (elev.ft.)
Neversink Reservoir (N):	Available storage August 1, 2015 (0800) Spillway crest elevation 1,440.00 ft.	28.716 billion gallons 34.941 billion gallons	82.2%	1,426.70 (elev.ft.)
Combined contents, PCN:	Available storage August 1, 2015 (0800) Combined capacity at spillway level	223.027 billion gallons 270.837 billion gallons	82.3%	
Lake Wallenpaupack:	Available storage August 1, 2015 (0800) Spillway crest elevation 1,190.00 ft.	22.665 billion gallons 35.451 billion gallons	63.9%	1,183.1 (elev.ft.)

NOTE: Data for Lake Wallenpaupack is for August first not July 31. August 31 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
July 25	510	139	566	110	249	142	804	2,010	0.05	3.18
26	272	139	756	110	211	177	1,017	2,410	0.87	4.05
27	303	139	681	110	200	160	1,300	2,590	0.00	4.05
28	573	139	497	110	186	248	1,050	2,230	0.00	4.05
29	0	141	493	110	203	142	831	1,920	0.39	4.44
30	310	141	501	110	191	35	1,012	1,990	0.09	4.53
31	0	139	506	110	191	0	2,194	3,140	1.74	6.27

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 July 25th – July 31st from Rio Reservoir.

Diversions by New Jersey through the D&R Canal July 25th – July 31st 2016 averaged 35.8 MGD.

The average diversion for the 30-day period ending July 31st, 2016 in MGD is 59.5 the maximum in MGD is 83 on July 10th.