

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA  
 Web address: <http://water.usgs.gov/osw/odrm>  
 Summary river data for July 31<sup>st</sup> – August 6<sup>th</sup> 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
July 31	0	97	0	325	0	90	449	225	0	603
Aug 1	0	96	0	324	0	90	449	225	79	605
2	0	97	0	324	0	90	449	225	97	608
3	0	97	0	323	0	90	450	225	80	610
4	0	97	0	322	0	90	450	225	78	612
5	0	97	0	322	0	90	451	225	0	613
6	0	97	0	322	0	90	451	225	0	614

Pepacton Reservoir (P):	Available storage August 7, 2016 (0800) Spillway crest elevation 1,280.00 ft.	130.546 billion gallons 140.190 billion gallons	93.1%	1,274.67 (elev.ft.)
Cannonsville Reservoir (C):	Available storage August 7, 2016 (0800) Spillway crest elevation 1,150.00 ft.	84.718 billion gallons 95.706 billion gallons	88.5%	1,142.66 (elev.ft.)
Neversink Reservoir (N):	Available storage August 7, 2016 (0800) Spillway crest elevation 1,440.00 ft.	32.468 billion gallons 34.941 billion gallons	92.9%	1,434.89 (elev.ft.)
Combined contents, PCN:	Available storage August 7, 2016 (0800) Combined capacity at spillway level	247.732 billion gallons 270.837 billion gallons	91.5%	
Lake Wallenpaupack:	Available storage August 6, 2016 (0800) Spillway crest elevation 1,190.00 ft.	23.942 billion gallons 35.451 billion gallons	67.5%	1,183.75 (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 <sup>1</sup>	Pepacton	Cannonsville	Neversink	Wallen- paupack	Rio Reservoir	Uncon- trolled <sup>2</sup>	Discharge	(inches)	
									Daily	Cumulative
July 31	0	150	503	139	376	53	2,029	3,250	0.00	6.45
Aug 1	0	150	503	139	655	213	1,690	3,350	0.00	0.00
2	0	150	503	139	656	248	1,484	3,180	0.16	0.16
3	0	150	501	139	541	177	1,662	3,170	0.12	0.28
4	0	149	501	139	425	177	1,909	3,300	0.03	0.31
5	0	150	500	139	592	160	1,979	3,520	0.31	0.62
6	0	150	498	139	339	0	2,054	3,180	0.00	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 July 31<sup>st</sup> – August 6<sup>th</sup> 2017 averaged 84.5 MGD.

The average diversion for the 30-day period ending August 6<sup>th</sup> 2017 is 84.0 MGD, the maximum is 89 MGD.

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA  
 Web address: <http://water.usgs.gov/osw/odrm>  
 Summary river data for August 7<sup>th</sup> – August 13<sup>th</sup> 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
Aug 7	0	97	0	321	0	90	449	224	0	615
8	0	97	0	327	0	90	451	225	0	616
9	0	97	0	325	0	90	451	224	0	617
10	0	97	0	322	0	90	450	224	74	619
11	0	97	0	322	0	90	451	199	0	619
12	0	97	0	321	0	90	451	199	0	620
13	0	97	0	321	0	91	451	199	0	620

Pepacton Reservoir (P):	Available storage August 14, 2016 (0800) Spillway crest elevation 1,280.00 ft.	128.093 billion gallons 140.190 billion gallons	91.4%	1,273.28 (elev.ft.)
Cannonsville Reservoir (C):	Available storage August 14, 2016 (0800) Spillway crest elevation 1,150.00 ft.	82.175 billion gallons 95.706 billion gallons	85.9%	1,140.90 (elev.ft.)
Neversink Reservoir (N):	Available storage August 14, 2016 (0800) Spillway crest elevation 1,440.00 ft.	32.605 billion gallons 34.941 billion gallons	93.3%	1,435.18 (elev.ft.)
Combined contents, PCN:	Available storage August 14, 2016 (0800) Combined capacity at spillway level	242.873 billion gallons 270.837 billion gallons	89.7%	
Lake Wallenpaupack:	Available storage August 13, 2016 (0800) Spillway crest elevation 1,190.00 ft.	23.760 billion gallons 35.451 billion gallons	67.0%	1,183.73 (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 <sup>1</sup>	Pepacton	Cannonsville	Neversink	Wallen- paupack	Rio Reservoir	Uncon- trolled <sup>2</sup>	Discharge	(inches)	
									Daily	Cumulative
Aug 7	0	150	498	139	168	0	1,745	2,700	0.02	0.64
8	0	150	498	139	18	0	1,605	2,410	0.37	1.01
9	0	150	497	139	26	0	1,688	2,500	0.00	1.01
10	0	150	506	139	296	0	1,529	2,620	0.00	1.01
11	0	150	503	139	474	0	1,254	2,520	0.00	1.01
12	0	150	498	139	455	0	2,138	3,380	0.94	1.95
13	241	150	498	139	172	0	2,731	3,690	0.01	1.96

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

2. Includes conservation release of 100 cfs from Rio Reservoir.

Diversions by New Jersey through the D&R Canal August 7<sup>th</sup> – August 13<sup>th</sup> 2017 averaged 874 MGD.

The average diversion for the 30-day period ending August 13<sup>th</sup> 2017 is 84.9 MGD, the maximum is 89 MGD.

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA  
 Web address: <http://water.usgs.gov/osw/odrm>  
 Summary river data for August 14<sup>th</sup> – August 20<sup>th</sup> 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
Aug 14	0	97	0	323	0	97	451	199	78	621
15	0	97	0	319	0	97	451	199	78	623
16	0	97	0	321	0	97	451	67	134	623
17	0	97	0	323	0	97	451	0	78	622
18	0	97	0	323	0	97	450	0	134	622
19	0	97	0	324	0	97	450	0	0	619
20	0	96	0	324	0	97	451	0	0	617

Pepacton Reservoir (P):	Available storage August 21, 2016 (0800) Spillway crest elevation 1,280.00 ft.	125.888 billion gallons 140.190 billion gallons	89.8%	1,272.02 (elev.ft.)
Cannonsville Reservoir (C):	Available storage August 21, 2016 (0800) Spillway crest elevation 1,150.00 ft.	81.177 billion gallons 95.706 billion gallons	84.8%	1,140.21 (elev.ft.)
Neversink Reservoir (N):	Available storage August 21, 2016 (0800) Spillway crest elevation 1,440.00 ft.	32.236 billion gallons 34.941 billion gallons	92.3%	1,434.40 (elev.ft.)
Combined contents, PCN:	Available storage August 21, 2016 (0800) Combined capacity at spillway level	239.301 billion gallons 270.837 billion gallons	88.4%	
Lake Wallenpaupack:	Available storage August 20, 2016 (0800) Spillway crest elevation 1,190.00 ft.	22.665 billion gallons 35.451 billion gallons	63.9%	1,183.13 (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 <sup>1</sup>	Pepacton	Cannonsville	Neversink	Wallen- paupack	Rio Reservoir	Uncon- trolled <sup>2</sup>	Discharge	(inches)	
									Daily	Cumulative
Aug 14	223	150	497	139	170	0	2,244	3,200	0.00	1.96
15	164	150	497	141	254	0	1,768	2,810	0.07	2.03
16	0	150	500	150	249	0	1,551	2,600	0.13	2.16
17	0	150	493	150	443	0	1,624	2,860	0.00	2.16
18	0	150	497	150	474	0	1,579	2,850	0.30	2.46
19	0	150	500	150	463	35	2,082	3,380	0.86	3.32
20	0	150	500	150	552	177	2,471	4,000	0.19	3.51

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 August 14<sup>th</sup> – August 20<sup>th</sup> 2017 averaged 88.6 MGD.

The average diversion for the 30-day period ending August 20<sup>th</sup> 2017 is 86.3 MGD, the maximum is 90 MGD.

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA  
 Web address: <http://water.usgs.gov/osw/odrm>  
 Summary river data for August 21<sup>st</sup> – August 27<sup>th</sup> 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
Aug 21	0	96	0	324	0	97	450	223	172	620
22	0	96	0	323	0	97	450	224	191	623
23	0	96	0	323	0	97	420	224	191	626
24	0	96	0	323	0	95	450	224	78	627
25	0	96	0	322	0	90	450	224	0	628
26	0	96	0	322	0	90	450	224	0	628
27	0	96	0	320	0	90	450	224	0	629

Pepacton Reservoir (P):	Available storage August 28, 2016 (0800) Spillway crest elevation 1,280.00 ft.	123.756 billion gallons 140.190 billion gallons	88.3%	1,270.79 (elev.ft.)
Cannonsville Reservoir (C):	Available storage August 28, 2016 (0800) Spillway crest elevation 1,150.00 ft.	79.244 billion gallons 95.706 billion gallons	82.8%	1,138.82 (elev.ft.)
Neversink Reservoir (N):	Available storage August 28, 2016 (0800) Spillway crest elevation 1,440.00 ft.	31.425 billion gallons 34.941 billion gallons	89.9%	1,432.67 (elev.ft.)
Combined contents, PCN:	Available storage August 28, 2016 (0800) Combined capacity at spillway level	234.425 billion gallons 270.837 billion gallons	86.6%	
Lake Wallenpaupack:	Available storage August 27, 2016 (0800) Spillway crest elevation 1,190.00 ft.	20.690 billion gallons 35.451 billion gallons	58.4%	1,182.00 (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 Discharge	Precipitation (inches)	
	Directed release <sup>1</sup>	Pepacton	Cannonsville	Neversink	Wallen- paupack	Rio Reservoir			Uncon- trolled <sup>2</sup>	Daily
	Aug 21	210	150	501	150	549	124	2,356		3,830
22	0	150	501	150	599	142	1,978	3,520	0.11	3.62
23	0	149	501	150	804	53	2,173	3,830	0.71	4.33
24	0	149	500	150	707	0	2,434	3,940	0.00	4.33
25	0	149	500	150	599	0	1,992	3,390	0.00	4.33
26	0	149	500	147	444	0	1,640	2,880	0.00	4.33
27	0	149	498	139	187	0	1,457	2,430	0.00	4.33

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 August 21<sup>st</sup> – August 27<sup>th</sup> 2017 averaged 90.0 MGD.

The average diversion for the 30-day period ending August 27<sup>th</sup> 2017 is 87.3 MGD, the maximum is 91 MGD.