

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA

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

Summary river data for July 30<sup>th</sup> – August 5<sup>th</sup>, 2018 (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 30	0	110	0	355	0	122	451	0	258	549
31	0	110	0	355	0	123	450	0	258	551
Aug 1	0	110	0	355	0	123	450	0	251	554
2	0	110	0	355	174	123	450	0	0	552
3	0	127	0	355	743	123	131	0	0	546
4	0	447	0	356	1033	123	0	0	0	537
5	0	452	0	358	461	123	0	0	0	529

Pepacton Reservoir (P):	Available storage August 6, 2018 (0800) Spillway crest elevation 1,280.00 ft.	137.630 billion gallons 140.190 billion gallons	98.8%	1,279.08 (elev.ft.)
Cannonsville Reservoir (C):	Available storage August 6, 2018 (0800) Spillway crest elevation 1,150.00 ft.	87.118 billion gallons 95.706 billion gallons	93.2%	1,145.77 (elev.ft.)
Neversink Reservoir (N):	Available storage August 6, 2018 (0800) Spillway crest elevation 1,440.00 ft.	34.926 billion gallons 34.941 billion gallons	100.7%	1,440.47 (elev.ft.)
Combined contents, PCN:	Available storage August 6, 2018 (0800) Combined capacity at spillway level	259.674 billion gallons 270.837 billion gallons	97.1%	
Lake Wallenpaupack:	Available storage August 5, 2018 (0800) Spillway crest elevation 1,190.00 ft.	24.672 billion gallons 35.451 billion gallons	69.6%	1,184.16 (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 30	0	153	526	190	737	106	3,678	5,390	0	7.84
31	0	167	549	190	666	283	2,705	4,560	0	7.84
Aug 1	0	170	549	189	650	840	2,172	4,570	0.07	0.07
2	0	170	549	190	840	213	5,278	7,240	1.04	1.11
3	0	170	549	190	839	246	6,066	8,060	0.22	1.33
4	0	170	549	190	803	197	19,191	21,100	1.62	2.95
5	0	170	549	190	838	262	17,891	19,900	0.00	2.95

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 30<sup>th</sup> – August 5<sup>th</sup>, 2018 averaged 97.8 MGD.

The average diversion for the 30-day period ending August 5<sup>th</sup> 2018 is 97.3 MGD, the maximum is 104 MGD.

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA  
 Web address: <http://water.usgs.gov/osw/odrm>  
 Summary river data for August 6<sup>th</sup> – August 12<sup>th</sup>, 2018 (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 6	0	83	0	429	269	123	375	0	0	527
7	0	453	0	602	176	123	450	0	0	526
8	0	452	0	667	103	123	450	0	0	525
9	187	452	0	858	146	123	450	0	0	524
10	302	452	0	966	100	123	485	0	0	523
11	305	452	0	970	117	123	500	0	0	523
12	230	452	0	971	143	123	499	0	0	522

Pepacton Reservoir (P):	Available storage August 13, 2018 (0800) Spillway crest elevation 1,280.00 ft.	139.720 billion gallons 140.190 billion gallons	100.3%	1,280.22 (elev.ft.)
Cannonsville Reservoir (C):	Available storage August 13, 2018 (0800) Spillway crest elevation 1,150.00 ft.	90.002 billion gallons 95.706 billion gallons	96.3%	1,147.72 (elev.ft.)
Neversink Reservoir (N):	Available storage August 13, 2018 (0800) Spillway crest elevation 1,440.00 ft.	34.811 billion gallons 34.941 billion gallons	100.3%	1,440.24 (elev.ft.)
Combined contents, PCN:	Available storage August 13, 2018 (0800) Combined capacity at spillway level	264.533 billion gallons 270.837 billion gallons	98.9%	
Lake Wallenpaupack:	Available storage August 12, 2018 (0800) Spillway crest elevation 1,190.00 ft.	23.760 billion gallons 35.451 billion gallons	67.0%	1,183.65 (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 <sup>1</sup>	Pepacton	Cannonsville	Neversink	Wallen- paupack	Rio Reservoir	Uncon- trolled <sup>2</sup>	Discharge	(inches)	
									Daily	Cumulative
Aug 6	0	196	551	190	843	298	10,332	12,400	0	2.95
7	0	692	554	190	840	440	6,994	9,710	0	2.95
8	0	699	664	190	835	394	6,308	9,090	0.77	3.72
9	0	696	931	190	688	365	11,030	13,900	1.35	5.07
10	0	701	1,032	190	380	362	12,435	15,100	0.01	5.08
11	0	699	1,327	190	472	255	7,957	10,900	0.18	5.26
12	0	699	1,494	190	522	130	9,365	12,400	0.70	5.96

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 6<sup>th</sup> – August 12<sup>th</sup>, 2018 averaged 98.4 MGD.

The average diversion for the 30-day period ending August 12<sup>th</sup> 2018 is 96.4 MGD, the maximum is 101 MGD.

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA

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Summary river data for August 13<sup>th</sup> – August 19<sup>th</sup>, 2018 (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 13	313	414	0	972	367	123	346	0	0	520
14	1,505	56	0	973	821	123	302	0	0	517
15	1,563	345	0	974	366	122	302	0	0	514
16	1,002	100	0	975	202	122	299	0	0	511
17	1,550	248	0	975	1,084	97	299	0	0	509
18	3,047	39	276	974	1,090	123	302	0	0	506
19	2,545	38	884	972	416	122	302	0	0	504

Pepacton Reservoir (P):	Available storage August 20, 2018 (0800) Spillway crest elevation 1,280.00 ft.	141.480 billion gallons 140.190 billion gallons	101.6%	1,281.17 (elev.ft.)
Cannonsville Reservoir (C):	Available storage August 20, 2018 (0800) Spillway crest elevation 1,150.00 ft.	95.852 billion gallons 95.706 billion gallons	102.6%	1,151.55 (elev.ft.)
Neversink Reservoir (N):	Available storage August 20, 2018 (0800) Spillway crest elevation 1,440.00 ft.	34.901 billion gallons 34.941 billion gallons	100.6%	1,440.42 (elev.ft.)
Combined contents, PCN:	Available storage August 20, 2018 (0800) Combined capacity at spillway level	272.233 billion gallons 270.837 billion gallons	101.8%	
Lake Wallenpaupack:	Available storage August 19, 2018 (0800) Spillway crest elevation 1,190.00 ft.	24.672 billion gallons 35.451 billion gallons	69.6%	1,184.15 (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 13	0	699	1,501	190	424	281	8,405	11,500	0.22	6.18
14	0	699	1,502	190	607	323	9,979	13,300	0.77	6.95
15	0	699	1,504	190	841	372	16,194	19,800	0.40	7.35
16	0	640	1,505	190	840	401	13,824	17,400	0.02	7.37
17	0	87	1,507	189	835	400	10,282	13,300	0.01	7.38
18	0	534	1,508	189	840	489	12,440	16,000	1.18	8.56
19	0	155	1,508	150	836	437	18,614	21,700	0.47	9.03

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 13<sup>th</sup> – August 19<sup>th</sup>, 2018 averaged 97.0 MGD.

The average diversion for the 30-day period ending August 19<sup>th</sup> 2018 is 96.8 MGD, the maximum is 100 MGD.

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA  
 Web address: <http://water.usgs.gov/osw/odrm>  
 Summary river data for August 20<sup>th</sup> – August 26<sup>th</sup>, 2018 (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 20	1,626	64	876	965	252	123	302	0	0	501
21	894	431	645	966	152	123	302	0	0	499
22	512	452	445	966	189	123	302	0	0	496
23	246	452	263	966	148	123	302	0	0	494
24	61	452	111	964	105	123	483	0	0	494
25	0	452	20	972	78	123	500	0	0	494
26	0	452	0	971	57	123	500	0	0	494

Pepacton Reservoir (P):	Available storage August 27, 2018 (0800) Spillway crest elevation 1,280.00 ft.	138.380 billion gallons 140.190 billion gallons	99.3%	1,279.49 (elev.ft.)
Cannonsville Reservoir (C):	Available storage August 27, 2018 (0800) Spillway crest elevation 1,150.00 ft.	92.866 billion gallons 95.706 billion gallons	99.4%	1,149.62 (elev.ft.)
Neversink Reservoir (N):	Available storage August 27, 2018 (0800) Spillway crest elevation 1,440.00 ft.	34.756 billion gallons 34.941 billion gallons	100.2%	1,440.13 (elev.ft.)
Combined contents, PCN:	Available storage August 27, 2018 (0800) Combined capacity at spillway level	266.002 billion gallons 270.837 billion gallons	99.5%	
Lake Wallenpaupack:	Available storage August 26, 2018 (0800) Spillway crest elevation 1,190.00 ft.	22.482 billion gallons 35.451 billion gallons	63.4%	1,183.04 (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 20	0	384	1,507	190	839	432	15,148	18,500	0.00	9.03
21	0	60	1,504	189	834	222	11,491	14,300	0.00	9.03
22	0	59	1,493	190	839	89	9,730	12,400	0.28	9.31
23	0	99	1,494	190	840	53	9,124	11,800	0.05	9.36
24	0	667	1,494	190	702	53	6,404	9,510	0.00	9.36
25	0	699	1,494	190	732	53	4,662	7,830	0.00	9.36
26	0	699	1,491	190	637	54	3,599	6,670	0.00	9.36

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 20<sup>th</sup> – August 26<sup>th</sup>, 2018 averaged 97.7 MGD.

The average diversion for the 30-day period ending August 26<sup>th</sup> 2018 is 97.7 MGD, the maximum is 100 MGD.