

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA  
 Web address: <http://water.usgs.gov/osw/odrm>  
 Summary river data for August 1<sup>st</sup> – August 7<sup>th</sup>, 2020 (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-20 to date
Aug 1	0	90	0	321	0	71	296	200	0	570
2	0	90	0	299	0	71	296	200	0	569
3	0	90	0	299	0	71	301	199	184	570
4	0	90	0	298	0	71	17	33	0	562
5	0	90	0	299	0	71	234	0	147	560
6	0	90	0	297	0	71	351	0	147	559
7	0	90	0	295	0	71	396	0	144	558

Pepacton Reservoir (P):	Available storage August 08, 2020 (0800) Spillway crest elevation 1,280.00 ft.	121.190 billion gallons 139.320 billion gallons	87.0%	1,269.81 (elev.ft.)
Cannonsville Reservoir (C):	Available storage August 08, 2020 (0800) Spillway crest elevation 1,150.00 ft.	71.727 billion gallons 93.448 billion gallons	76.8%	1134.76 (elev.ft.)
Neversink Reservoir (N):	Available storage August 08, 2020 (0800) Spillway crest elevation 1,440.00 ft.	31.009 billion gallons 34.692 billion gallons	89.4%	1432.36 (elev.ft.)
Combined contents, PCN:	Available storage August 08, 2020 (0800) Combined capacity at spillway level	223.926 billion gallons 267.460 billion gallons	83.7%	

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 1	322	139	459	110	217	289	936	2,150	0.11	0.11
2	572	139	480	110	242	107	892	1,970	0.05	0.16
3	505	139	497	110	279	165	861	2,050	0.40	0.56
4	46	139	462	110	297	266	4,356	5,630	3.26	3.82
5	0	140	462	110	807	1,059	26,923	29,500	0.00	3.82
6	0	140	462	110	1,400	1,743	11,646	15,500	0.19	4.01
7	0	140	463	110	1,391	1,280	5,256	8,640	0.10	4.11

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 from August 1 to August 4 and 100 cfs for August 5 to August 7 from Rio Reservoir.
- Diversion by New Jersey through the D&R Canal August 1<sup>st</sup> – August 7<sup>th</sup> 2020 averaged 95.6 MGD.  
 The average diversion for the 30-day period ending August 7<sup>th</sup> 2020 is 96.6 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 8<sup>th</sup> – August 14<sup>th</sup>, 2020 (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-20 to date
Aug 8	0	90	0	296	0	71	396	0	0	556
9	0	90	0	295	0	71	396	193	0	557
10	0	90	0	296	0	71	435	201	207	561
11	0	90	0	296	0	71	450	201	225	565
12	0	90	0	296	0	71	450	201	222	569
13	0	91	0	296	0	71	450	201	185	573
14	0	96	0	296	0	74	429	201	130	575

Pepacton Reservoir (P):	Available storage August 15, 2020 (0800) Spillway crest elevation 1,280.00 ft.	120.130 billion gallons 139.320 billion gallons	86.2%	1,269.19 (elev.ft.)
Cannonsville Reservoir (C):	Available storage August 15, 2020 (0800) Spillway crest elevation 1,150.00 ft.	72.490 billion gallons 93.448 billion gallons	77.6%	1135.33 (elev.ft.)
Neversink Reservoir (N):	Available storage August 15, 2020 (0800) Spillway crest elevation 1,440.00 ft.	30.017 billion gallons 34.692 billion gallons	86.5%	1430.22 (elev.ft.)
Combined contents, PCN:	Available storage August 15, 2020 (0800) Combined capacity at spillway level	222.637 billion gallons 267.460 billion gallons	83.2%	

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 8	0	140	459	111	456	818	6,066	8,050	0.00	4.11
9	0	138	456	110	485	233	4,497	5,920	0.00	4.11
10	0	138	457	110	437	340	3,358	4,840	0.03	4.14
11	0	139	457	110	779	405	2,491	4,380	0.64	4.78
12	0	138	458	110	801	405	2,158	4,070	0.00	4.78
13	0	138	457	110	765	360	5,099	6,930	0.00	4.78
14	0	138	458	109	818	278	3,128	4,930	0.00	4.78

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 8<sup>th</sup> – August 14<sup>th</sup> 2020 averaged 98.3 MGD.

The average diversion for the 30-day period ending August 14<sup>th</sup> 2020 is 99.1 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 15<sup>th</sup> – August 21<sup>st</sup>, 2020 (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-20 to date
Aug 15	0	97	0	327	0	74	401	201	0	576
16	0	97	0	320	0	74	401	201	0	576
17	0	97	0	323	0	74	401	200	0	576
18	0	97	0	323	0	74	401	200	0	577
19	0	97	0	324	0	74	401	200	0	577
20	0	96	0	324	0	74	401	202	0	577
21	0	97	0	323	0	74	401	269	0	578

Pepacton Reservoir (P):	Available storage August 22, 2020 (0800) Spillway crest elevation 1,280.00 ft.	117.700 billion gallons 139.320 billion gallons	84.5%	1,267.76 (elev.ft.)
Cannonsville Reservoir (C):	Available storage August 22, 2020 (0800) Spillway crest elevation 1,150.00 ft.	70.199 billion gallons 93.448 billion gallons	75.1%	1133.61 (elev.ft.)
Neversink Reservoir (N):	Available storage August 22, 2020 (0800) Spillway crest elevation 1,440.00 ft.	29.719 billion gallons 34.692 billion gallons	85.7%	1429.57 (elev.ft.)
Combined contents, PCN:	Available storage August 22, 2020 (0800) Combined capacity at spillway level	217.618 billion gallons 267.460 billion gallons	81.4%	

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 15	0	139	458	110	625	287	2,342	3,960	0.02	4.80
16	0	140	459	115	507	158	2,093	3,470	0.00	4.80
17	0	148	506	114	400	132	1,800	3,100	0.43	5.23
18	0	150	494	115	401	202	2,057	3,420	0.00	5.23
19	0	150	500	114	369	268	1,768	3,170	0.00	5.23
20	0	150	500	114	249	291	1,565	2,870	0.00	5.23
21	0	150	500	114	226	285	1,384	2,660	0.00	5.23

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 15<sup>th</sup> – August 21<sup>st</sup> 2020 averaged 101.0 MGD.

The average diversion for the 30-day period ending August 21<sup>st</sup> 2020 is 99.3 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 29<sup>th</sup> – September 4<sup>th</sup>, 2020 (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-20 to date
Aug 29	0	97	0	325	0	74	401	300	0	590
30	0	97	0	323	0	74	401	300	0	591
31	0	96	0	324	0	71	374	299	0	592
Sep 1	0	90	0	304	0	65	347	299	0	593
2	0	90	0	293	0	65	347	299	0	593
3	0	90	0	293	0	65	347	299	149	595
4	0	90	0	294	0	65	321	299	110	597

Pepacton Reservoir (P):	Available storage September 5, 2020 (0800) Spillway crest elevation 1,280.00 ft.	113.780 billion gallons 139.320 billion gallons	81.7%	1,265.43 (elev.ft.)
Cannonsville Reservoir (C):	Available storage September 5, 2020 (0800) Spillway crest elevation 1,150.00 ft.	64.849 billion gallons 93.448 billion gallons	69.4%	1129.50 (elev.ft.)
Neversink Reservoir (N):	Available storage September 5, 2020 (0800) Spillway crest elevation 1,440.00 ft.	29.614 billion gallons 34.692 billion gallons	85.4%	1429.34 (elev.ft.)
Combined contents, PCN:	Available storage September 5, 2020 (0800) Combined capacity at spillway level	208.243 billion gallons 267.460 billion gallons	77.9%	

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 29	0	151	501	114	343	246	2,686	4,040	0.14	6.53
30	0	150	502	114	294	270	1,840	3,170	0.00	6.53
31	0	150	502	114	177	240	1,856	3,040	<u>0.00</u>	<u>6.53</u>
Sep 1	0	151	500	114	225	195	1,575	2,760	0.48	0.48
2	0	150	501	110	153	196	1,669	2,780	0.51	0.99
3	0	149	470	101	89	274	2,389	3,470	0.03	1.02
4	0	139	454	101	144	277	2,966	4,080	0.00	1.02

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 29<sup>th</sup> – September 4<sup>th</sup> 2020 averaged 96.5 MGD.

The average diversion for the 30-day period ending September 4<sup>th</sup> 2020 is 98.8 MGD, the maximum is 103 MGD.

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA  
 Web address: <http://water.usgs.gov/osw/odrm>  
 Summary river data for August 22<sup>nd</sup> – August 28<sup>th</sup>, 2020 (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-20 to date
Aug 22	0	97	0	324	0	74	401	269	0	579
23	0	97	0	323	0	74	401	269	0	581
24	0	97	0	323	0	74	439	270	0	582
25	0	97	0	323	0	74	451	270	0	584
26	0	97	0	323	0	74	451	270	0	585
27	0	97	0	324	0	74	451	300	0	587
28	0	97	0	324	0	74	430	300	0	589

Pepacton Reservoir (P):	Available storage August 29, 2020 (0800) Spillway crest elevation 1,280.00 ft.	115.150 billion gallons 139.320 billion gallons	82.7%	1,266.25 (elev.ft.)
Cannonsville Reservoir (C):	Available storage August 29, 2020 (0800) Spillway crest elevation 1,150.00 ft.	67.313 billion gallons 93.448 billion gallons	72.0%	1131.41 (elev.ft.)
Neversink Reservoir (N):	Available storage August 29, 2020 (0800) Spillway crest elevation 1,440.00 ft.	29.505 billion gallons 34.692 billion gallons	85.0%	1429.10 (elev.ft.)
Combined contents, PCN:	Available storage August 29, 2020 (0800) Combined capacity at spillway level	211.968 billion gallons 267.460 billion gallons	79.3%	

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 22	0	150	501	114	255	230	1,230	2,480	0.00	5.23
23	0	149	500	114	429	378	1,290	2,860	0.00	5.23
24	19	150	501	114	539	321	1,064	2,690	0.07	5.30
25	0	149	500	114	486	351	1,070	2,670	0.08	5.38
26	11	149	499	114	427	266	994	2,450	0.10	5.48
27	0	150	500	114	349	232	1,006	2,350	0.76	6.24
28	174	151	500	114	299	252	1,514	2,830	0.15	6.39

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 22<sup>nd</sup> – August 28<sup>th</sup> 2020 averaged 99.6 MGD.

The average diversion for the 30-day period ending August 28<sup>th</sup> 2020 is 99.2 MGD, the maximum is 103 MGD.