

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.

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Summary river data for September 5<sup>th</sup> – September 11<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
Sep 5	0	90	0	294	0	65	297	299	0	597
6	0	90	0	291	0	65	297	299	0	597
7	0	89	0	292	0	65	297	299	0	597
8	0	90	0	292	0	65	297	299	82	598
9	0	90	0	292	0	65	297	299	148	599
10	0	90	0	292	0	65	297	299	110	600
11	0	90	0	290	0	65	297	299	0	600

Pepacton Reservoir (P):	Available storage September 12, 2020 (0800) Spillway crest elevation 1,280.00 ft.	112.040 billion gallons 139.320 billion gallons	80.4%	1,264.38 (elev.ft.)
Cannonsville Reservoir (C):	Available storage September 12, 2020 (0800) Spillway crest elevation 1,150.00 ft.	61.694 billion gallons 93.448 billion gallons	66.0%	1127.01 (elev.ft.)
Neversink Reservoir (N):	Available storage September 12, 2020 (0800) Spillway crest elevation 1,440.00 ft.	29.152 billion gallons 34.692 billion gallons	84.0%	1428.32 (elev.ft.)
Combined contents, PCN:	Available storage September 12, 2020 (0800) Combined capacity at spillway level	202.886 billion gallons 267.460 billion gallons	75.9%	

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 Discharge	Precipitation (inches)	
	Directed release <sup>1</sup>	Pepacton	Cannonsville	Neversink	Wallen- paupack	Rio Reservoir			Uncon- trolled <sup>2</sup>	Daily
	Sep 5	0	138	454	101	167	311	2,249		
6	0	138	455	101	379	130	1,797	3,000	0.03	1.06
7	0	138	454	101	375	129	1,562	2,760	0.00	1.06
8	0	138	450	101	261	182	1,438	2,570	0.00	1.06
9	0	138	452	101	252	279	1,309	2,530	0.07	1.13
10	0	138	452	101	292	251	1,307	2,540	0.23	1.36
11	0	139	452	101	198	187	1,283	2,360	0.00	1.36

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 September 5<sup>th</sup> – September 11<sup>th</sup> 2020 averaged 97.9 MGD.

The average diversion for the 30-day period ending September 11<sup>th</sup> 2020 is 98.5 MGD, the maximum is 103 MGD.

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Summary river data for September 12<sup>th</sup> – September 18<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
Sep 12	0	90	0	288	0	65	297	299	0	600
13	0	90	0	288	0	65	297	299	0	600
14	0	90	0	295	0	65	297	299	0	600
15	0	88	0	295	0	63	297	298	150	601
16	0	81	0	271	0	58	297	298	0	601
17	0	81	0	256	0	58	337	300	148	603
18	0	81	0	258	0	58	347	300	0	603

Pepacton Reservoir (P):	Available storage September 19, 2020 (0800) Spillway crest elevation 1,280.00 ft.	109.880 billion gallons 139.320 billion gallons	78.9%	1,263.07 (elev.ft.)
Cannonsville Reservoir (C):	Available storage September 19, 2020 (0800) Spillway crest elevation 1,150.00 ft.	58.214 billion gallons 93.448 billion gallons	62.3%	1124.20 (elev.ft.)
Neversink Reservoir (N):	Available storage September 19, 2020 (0800) Spillway crest elevation 1,440.00 ft.	28.608 billion gallons 34.692 billion gallons	82.5%	1427.11 (elev.ft.)
Combined contents, PCN:	Available storage September 19, 2020 (0800) Combined capacity at spillway level	196.702 billion gallons 267.460 billion gallons	73.5%	

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
Sep 12	0	139	452	100	121	318	1,259	2,390	0.00	1.36
13	269	139	449	100	126	127	1,228	2,170	0.04	1.40
14	308	139	446	100	134	194	1,107	2,120	0.00	1.40
15	288	139	446	100	142	211	1,031	2,070	0.00	1.40
16	315	139	456	100	147	227	991	2,060	0.00	1.40
17	345	139	456	97	180	311	1,017	2,200	0.00	1.40
18	379	137	419	90	175	272	977	2,070	0.00	1.40

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 September 12<sup>th</sup> – September 18<sup>th</sup> 2020 averaged 101.8 MGD.

The average diversion for the 30-day period ending September 18<sup>th</sup> 2020 is 99.0 MGD, the maximum is 105 MGD.

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Summary river data for September 19<sup>th</sup> – September 25<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
Sep 19	0	81	0	341	0	58	347	300	0	604
20	0	82	0	259	0	58	348	300	0	604
21	0	81	0	258	0	58	348	299	0	604
22	0	82	0	289	0	58	348	299	0	605
23	0	81	0	257	0	58	347	299	0	605
24	0	81	0	258	0	58	347	298	148	607
25	0	81	0	339	0	58	345	298	143	608

Pepacton Reservoir (P):	Available storage September 26, 2020 (0800) Spillway crest elevation 1,280.00 ft.	107.250 billion gallons 139.320 billion gallons	77.0%	1,261.46 (elev.ft.)
Cannonsville Reservoir (C):	Available storage September 26, 2020 (0800) Spillway crest elevation 1,150.00 ft.	54.479 billion gallons 93.448 billion gallons	58.3%	1121.11 (elev.ft.)
Neversink Reservoir (N):	Available storage September 26, 2020 (0800) Spillway crest elevation 1,440.00 ft.	28.034 billion gallons 34.692 billion gallons	80.8%	1425.82 (elev.ft.)
Combined contents, PCN:	Available storage September 26, 2020 (0800) Combined capacity at spillway level	189.763 billion gallons 267.460 billion gallons	71.0%	

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
Sep 19	436	125	397	90	129	130	929	1,800	0.00	1.40
20	563	125	400	90	0	314	841	1,770	0.00	1.40
21	739	126	528	90	0	123	813	1,680	0.00	1.40
22	555	126	401	90	225	99	839	1,780	0.00	1.40
23	591	126	399	90	292	99	795	1,800	0.00	1.40
24	662	126	447	89	348	99	781	1,890	0.00	1.40
25	362	126	398	90	351	115	780	1,860	0.00	1.40

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 on sept 19 & 20, and 60 cfs on sept 20 through sept 25 from Rio Reservoir.
- Diversions by New Jersey through the D&R Canal September 19<sup>th</sup> – September 25<sup>th</sup> 2020 averaged 101.2 MGD.  
The average diversion for the 30-day period ending September 25<sup>th</sup> 2020 is 99.4 MGD, the maximum is 105 MGD.

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 Web address: <http://water.usgs.gov/osw/odrm>  
 Summary river data for September 26<sup>th</sup> – October 2<sup>nd</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
Sep 26	0	81	0	441	0	58	347	299	0	609
27	0	80	0	352	0	58	347	300	0	609
28	0	81	0	265	0	58	347	299	0	609
29	0	80	0	264	0	58	347	299	0	610
30	0	76	0	264	0	52	347	299	0	610
Oct 1	0	52	0	138	0	38	347	299	0	610
2	0	52	0	98	0	39	347	299	0	610

Pepacton Reservoir (P):	Available storage October 3, 2020 (0800) Spillway crest elevation 1,280.00 ft.	106.560 billion gallons 139.320 billion gallons	76.5%	1,261.03 (elev.ft.)
Cannonsville Reservoir (C):	Available storage October 3, 2020 (0800) Spillway crest elevation 1,150.00 ft.	52.221 billion gallons 93.448 billion gallons	55.9%	1119.20 (elev.ft.)
Neversink Reservoir (N):	Available storage October 3, 2020 (0800) Spillway crest elevation 1,440.00 ft.	28.398 billion gallons 34.692 billion gallons	81.9%	1426.64 (elev.ft.)
Combined contents, PCN:	Available storage October 3, 2020 (0800) Combined capacity at spillway level	187.179 billion gallons 267.460 billion gallons	70.0%	

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
Sep 26	357	126	399	89	225	158	742	1,740	0.01	1.41
27	739	126	525	89	192	98	710	1,740	0.10	1.51
28	906	125	682	89	39	159	736	1,830	0.00	1.51
29	760	125	544	89	0	290	713	1,760	1.68	3.19
30	0	124	409	89	0	314	1,544	2,480	<u>0.00</u>	<u>3.19</u>
Oct 1	0	125	408	90	0	196	3,573	4,390	0.13	0.13
2	0	124	408	81	0	149	2,579	3,340	0.03	0.16

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 Sept 26 to Oct 1, and 100 cfs on Oct 2 from Rio Reservoir.
- Diversions by New Jersey through the D&R Canal September 26<sup>th</sup> – October 2<sup>nd</sup> 2020 averaged 96.4 MGD.  
 The average diversion for the 30-day period ending October 2<sup>nd</sup> 2020 is 98.6 MGD, the maximum is 105 MGD.