

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA  
 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.
- Diversion 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.

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA  
 Web address: <http://water.usgs.gov/osw/odrm>  
 Summary river data for October 3<sup>rd</sup> – October 9<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
Oct 3	0	52	0	97	0	39	347	299	0	611
4	0	181	0	98	0	39	348	299	0	611
5	0	259	0	52	0	76	348	299	0	611
6	0	259	0	26	0	39	348	299	0	612
7	0	127	0	70	0	39	348	299	0	612
8	0	53	0	340	0	122	348	299	0	612
9	0	53	0	480	0	122	348	298	149	614

Pepacton Reservoir (P):	Available storage October 10, 2020 (0800) Spillway crest elevation 1,280.00 ft.	104.170 billion gallons 139.320 billion gallons	74.8%	1,259.54 (elev.ft.)
Cannonsville Reservoir (C):	Available storage October 10, 2020 (0800) Spillway crest elevation 1,150.00 ft.	49.719 billion gallons 93.448 billion gallons	53.2%	1117.04 (elev.ft.)
Neversink Reservoir (N):	Available storage October 10, 2020 (0800) Spillway crest elevation 1,440.00 ft.	28.008 billion gallons 34.692 billion gallons	80.7%	1425.76 (elev.ft.)
Combined contents, PCN:	Available storage October 10, 2020 (0800) Combined capacity at spillway level	181.897 billion gallons 267.460 billion gallons	68.0%	

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			Discharge	(inches)
							Daily	Cumulative		
Oct 3	0	118	214	59	0	220	1,709	2,320	0.00	0.16
4	0	80	151	60	0	131	1,378	1,800	0.02	0.18
5	0	80	150	61	0	131	1,169	1,590	0.00	0.18
6	0	81	151	61	0	132	1,037	1,460	0.00	0.18
7	462	280	80	117	0	132	963	1,570	0.14	0.32
8	455	401	41	60	0	129	919	1,550	0.00	0.32
9	565	400	109	61	0	119	812	1,500	0.00	0.32

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 October 3<sup>rd</sup> – October 9<sup>th</sup> 2020 averaged 98.5 MGD.

The average diversion for the 30-day period ending October 9<sup>th</sup> 2020 is 99.5 MGD, the maximum is 105 MGD.

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA

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

Summary river data for October 10<sup>th</sup> – October 16<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
Oct 10	0	53	0	418	0	85	348	298	0	614
11	0	53	0	200	0	39	347	298	0	614
12	0	53	0	362	0	122	348	298	0	614
13	0	53	0	504	0	123	348	298	0	614
14	0	52	0	572	0	123	348	300	148	616
15	0	52	0	334	0	40	348	300	149	617
16	0	52	0	443	0	39	348	230	149	618

Pepacton Reservoir (P):	Available storage October 17, 2020 (0800) Spillway crest elevation 1,280.00 ft.	102.090 billion gallons 139.320 billion gallons	73.3%	1,258.23 (elev.ft.)
Cannonsville Reservoir (C):	Available storage October 17, 2020 (0800) Spillway crest elevation 1,150.00 ft.	45.479 billion gallons 93.448 billion gallons	48.7%	1113.27 (elev.ft.)
Neversink Reservoir (N):	Available storage October 17, 2020 (0800) Spillway crest elevation 1,440.00 ft.	27.214 billion gallons 34.692 billion gallons	78.4%	1423.95 (elev.ft.)
Combined contents, PCN:	Available storage October 17, 2020 (0800) Combined capacity at spillway level	174.783 billion gallons 267.460 billion gallons	65.3%	

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
Oct 10	909	196	525	189	0	114	787	1,810	0.01	0.33
11	1,013	82	742	189	0	104	764	1,880	0.25	0.58
12	859	82	646	131	0	104	787	1,750	0.08	0.66
13	247	82	309	60	0	131	949	1,530	0.01	0.67
14	831	82	560	189	0	99	841	1,770	0.00	0.67
15	1,052	82	780	190	0	87	732	1,870	0.05	0.72
16	1,156	82	885	190	0	85	679	1,920	0.21	0.93

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 October 10<sup>th</sup> – October 16<sup>th</sup> 2020 averaged 96.9 MGD.

The average diversion for the 30-day period ending October 16<sup>th</sup> 2020 is 98.7 MGD, the maximum is 105 MGD.

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Summary river data for October 17<sup>th</sup> – October 23<sup>rd</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
Oct 17	0	52	0	623	0	39	348	229	0	618
18	0	52	0	655	0	39	348	229	0	617
19	0	52	0	633	0	39	347	229	0	617
20	0	52	0	594	0	39	348	228	0	617
21	0	52	0	621	0	39	347	229	148	618
22	0	52	0	654	0	39	347	229	0	617
23	0	52	0	643	0	39	347	2	0	615

Pepacton Reservoir (P):	Available storage October 24, 2020 (0800) Spillway crest elevation 1,280.00 ft.	99.950 billion gallons 139.320 billion gallons	71.7%	1,256.87 (elev.ft.)
Cannonsville Reservoir (C):	Available storage October 24, 2020 (0800) Spillway crest elevation 1,150.00 ft.	40.395 billion gallons 93.448 billion gallons	43.2%	1108.53 (elev.ft.)
Neversink Reservoir (N):	Available storage October 24, 2020 (0800) Spillway crest elevation 1,440.00 ft.	26.980 billion gallons 34.692 billion gallons	77.8%	1423.41 (elev.ft.)
Combined contents, PCN:	Available storage October 24, 2020 (0800) Combined capacity at spillway level	167.323 billion gallons 267.460 billion gallons	62.6%	

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
Oct 17	578	80	517	62	0	84	757	1,500	0.00	0.93
18	822	80	685	60	0	276	700	1,800	0.00	0.93
19	1,104	80	964	60	0	86	661	1,850	0.05	0.98
20	150	80	1,013	60	0	86	602	1,840	0.00	0.98
21	1,119	80	979	60	0	86	606	1,810	0.00	0.98
22	1,058	80	918	60	0	86	607	1,750	0.00	0.98
23	1,101	80	961	60	0	86	575	1,760	0.01	0.99

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 Rio Reservoir.

Diversions by New Jersey through the D&R Canal October 17<sup>th</sup> – October 23<sup>rd</sup> 2020 averaged 98.1 MGD.

The average diversion for the 30-day period ending October 23<sup>rd</sup> 2020 is 97.8 MGD, the maximum is 103 MGD.

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Summary river data for October 24<sup>th</sup> – October 30<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
Oct 24	0	52	0	640	0	39	347	0	0	614
25	0	51	0	618	0	39	348	0	0	612
26	0	52	0	651	0	39	348	0	0	610
27	0	52	0	727	0	39	355	0	0	608
28	0	52	0	368	0	39	355	0	0	607
29	0	52	0	259	0	39	367	0	0	605
30	0	52	0	147	0	39	348	0	0	603

Pepacton Reservoir (P):	Available storage October 31, 2020 (0800) Spillway crest elevation 1,280.00 ft.	98.990 billion gallons 139.320 billion gallons	71.1%	1,256.25 (elev.ft.)
Cannonsville Reservoir (C):	Available storage October 31, 2020 (0800) Spillway crest elevation 1,150.00 ft.	39.025 billion gallons 93.448 billion gallons	41.8%	1107.21 (elev.ft.)
Neversink Reservoir (N):	Available storage October 31, 2020 (0800) Spillway crest elevation 1,440.00 ft.	27.284 billion gallons 34.692 billion gallons	78.6%	1424.11 (elev.ft.)
Combined contents, PCN:	Available storage October 31, 2020 (0800) Combined capacity at spillway level	165.299 billion gallons 267.460 billion gallons	61.8%	

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
Oct 24	1,152	80	1,012	60	0	86	533	1,770	0.01	1.00
25	1,135	80	995	60	0	85	491	1,710	0.12	1.12
26	1,130	80	991	60	0	85	486	1,700	0.02	1.14
27	1,095	80	956	60	64	101	579	1,840	0.28	1.42
28	1,147	80	1,007	60	0	122	702	1,970	0.09	1.51
29	1,265	80	1,125	60	0	203	892	2,360	1.34	2.85
30	460	80	569	60	0	503	3,810	5,020	0.08	2.93

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 oct 24 through oct 29 and 100 cfs on oct 30 from Rio Reservoir.
- Diversions by New Jersey through the D&R Canal October 24<sup>th</sup> – October 30<sup>th</sup> 2020 averaged 94.8 MGD.  
The average diversion for the 30-day period ending October 30<sup>th</sup> 2020 is 97.0 MGD, the maximum is 105 MGD.