

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA
 Web address: <http://water.usgs.gov/osw/odrm>
 Summary river data for March 28th – April 3rd, 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-16 to date
Mar 28	0	194	0	389	0	71	403	0	0	525
29	0	194	0	390	25	95	403	0	148	525
30	0	194	0	390	61	95	344	0	186	525
31	0	195	0	390	41	123	303	172	185	526
Apr 1	0	195	0	391	112	123	303	229	0	526
2	0	195	0	391	103	123	303	279	0	526
3	0	195	0	399	94	123	303	300	0	526

Pepacton Reservoir (P):	Available storage April 4, 2020 (0800) Spillway crest elevation 1,280.00 ft.	138.340 billion gallons 139.320 billion gallons	99.3%	1,279.47 (elev.ft.)
Cannonsville Reservoir (C):	Available storage April 4, 2020 (0800) Spillway crest elevation 1,150.00 ft.	93.279 billion gallons 93.448 billion gallons	99.8%	1,149.89 (elev.ft.)
Neversink Reservoir (N):	Available storage April 4, 2020 (0800) Spillway crest elevation 1,440.00 ft.	34.791 billion gallons 34.692 billion gallons	100.3%	1,440.20 (elev.ft.)
Combined contents, PCN:	Available storage April 4, 2020 (0800) Combined capacity at spillway level	266.410 billion gallons 267.460 billion gallons	99.6%	

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 ¹	Pepacton	Cannonsville	Neversink	Wallen- paupack	Rio Reservoir	Uncon- trolled ²	Discharge	(inches)	
									Daily	Cumulative
Mar 28	0	301	601	110	538	312	4,827	6,690	0.49	2.96
29	0	301	602	110	0	175	6,452	7,640	0.16	3.12
30	0	301	602	110	3	614	8,470	10,100	0.27	3.39
31	0	301	603	110	675	632	8,142	10,500	<u>0.03</u>	<u>3.42</u>
Apr 1	0	301	604	147	675	601	7,602	9,930	0.00	0.00
2	0	301	604	147	424	476	6,985	8,980	0.02	0.02
3	0	301	604	190	675	488	5,732	7,990	0.09	0.11

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

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

Diversions by New Jersey through the D&R Canal March 28th – April 3rd 2020 averaged 92.5 MGD.

The average diversion for the 30-day period ending April 3rd 2020 is 93.4 MGD, the maximum is 98 MGD.

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 Web address: <http://water.usgs.gov/osw/odrm>
 Summary river data for April 4th – April 10th, 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-16 to date
Apr 4	0	195	0	493	93	123	303	300	0	526
5	0	194	0	580	86	123	303	299	0	527
6	0	194	0	584	40	123	304	299	0	527
7	0	241	0	593	27	123	403	201	0	527
8	0	382	0	701	31	122	403	200	0	527
9	0	452	0	839	89	124	453	200	0	528
10	0	452	0	936	89	123	377	0	0	527

Pepacton Reservoir (P):	Available storage April 11, 2020 (0800) Spillway crest elevation 1,280.00 ft.	138.340 billion gallons 139.320 billion gallons	99.3%	1,279.47 (elev.ft.)
Cannonsville Reservoir (C):	Available storage April 11, 2020 (0800) Spillway crest elevation 1,150.00 ft.	91.772 billion gallons 93.448 billion gallons	98.2%	1,148.90(elev.ft.)
Neversink Reservoir (N):	Available storage April 11, 2020 (0800) Spillway crest elevation 1,440.00 ft.	34.766 billion gallons 34.692 billion gallons	100.2%	1,440.15 (elev.ft.)
Combined contents, PCN:	Available storage April 11, 2020 (0800) Combined capacity at spillway level	264.878 billion gallons 267.460 billion gallons	99.0%	

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 ¹	Pepacton	Cannonsville	Neversink	Wallen- paupack	Rio Reservoir	Uncon- trolled ²	Discharge	(inches)	
									Daily	Cumulative
Apr 4	0	301	604	190	493	290	4,982	6,860	0.0	0.11
5	0	301	617	190	3	201	4,988	6,300	0.01	0.12
6	0	301	763	190	3	275	4,718	6,250	0.0	0.12
7	0	301	897	190	348	354	3,740	5,830	0.20	0.32
8	0	301	903	190	3	530	3,643	5,570	0.01	0.33
9	0	301	918	190	4	521	3,936	5,870	0.40	0.73
10	0	373	1,084	188	4	433	5,088	7,170	0.10	0.83

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 April 4th – April 10th 2020 averaged 93.6 MGD.

The average diversion for the 30-day period ending April 10th 2020 is 92.9 MGD, the maximum is 98 MGD.

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 Web address: <http://water.usgs.gov/osw/odrm>
 Summary river data for April 11th – April 17th, 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-16 to date
Apr 11	0	452	0	966	56	123	303	0	0	527
12	0	452	0	966	65	123	74	0	0	525
13	133	303	0	965	2,061	55	8	0	0	524
14	786	449	0	966	1,036	123	171	0	0	522
15	725	452	0	968	388	122	287	0	0	522
16	513	452	0	966	261	123	413	0	0	521
17	296	452	0	967	134	123	436	0	111	521

Pepacton Reservoir (P):	Available storage April 18, 2020 (0800) Spillway crest elevation 1,280.00 ft.	139.890 billion gallons 139.320 billion gallons	100.4%	1,280.31 (elev.ft.)
Cannonsville Reservoir (C):	Available storage April 18, 2020 (0800) Spillway crest elevation 1,150.00 ft.	92.653 billion gallons 93.448 billion gallons	99.1%	1,149.48 (elev.ft.)
Neversink Reservoir (N):	Available storage April 18, 2020 (0800) Spillway crest elevation 1,440.00 ft.	34.826 billion gallons 34.692 billion gallons	100.4%	1,440.27 (elev.ft.)
Combined contents, PCN:	Available storage April 18, 2020 (0800) Combined capacity at spillway level	267.369 billion gallons 267.460 billion gallons	100.0%	

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 Discharge	Precipitation (inches)	
	Directed release ¹	Pepacton	Cannonsville	Neversink	Wallen- paupack	Rio Reservoir			Uncon- trolled ²	Daily
	Apr 11	0	592	1,299	192	4	285	4,888		
12	0	698	1,490	190	4	131	3,987	6,500	0.31	1.14
13	0	699	1,495	191	3	318	4,384	7,090	0.77	1.91
14	0	700	1,494	191	3	698	17,114	20,200	0.05	1.96
15	0	699	1,493	86	425	366	13,731	16,800	0.06	2.02
16	0	469	1,495	190	184	675	10,487	13,500	0.01	2.03
17	0	694	1,497	190	197	718	8,004	11,300	0.39	2.42

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 April 11th – April 17th 2020 averaged 83.9 MGD.

The average diversion for the 30-day period ending April 17th 2020 is 90.1 MGD, the maximum is 98 MGD.

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 Web address: <http://water.usgs.gov/osw/odrm>
 Summary river data for April 25 – May 1st, 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-16 to date
Apr 25	0	452	0	966	0	123	452	0	111	522
26	0	452	0	965	0	123	453	0	0	521
27	0	452	0	966	0	123	453	0	144	522
28	4	452	0	966	0	122	453	0	221	522
29	122	452	0	968	0	123	63	0	61	521
30	548	357	0	969	158	123	0	0	0	519
May 1	2,142	23	216	970	1,427	123	375	0	0	519

Pepacton Reservoir (P):	Available storage May 2, 2020 (0800) Spillway crest elevation 1,280.00 ft.	141.740 billion gallons 139.320 billion gallons	101.7%	1,281.31 (elev.ft.)
Cannonsville Reservoir (C):	Available storage May 2, 2020 (0800) Spillway crest elevation 1,150.00 ft.	94.994 billion gallons 93.448 billion gallons	101.7%	1151.00 (elev.ft.)
Neversink Reservoir (N):	Available storage May 2, 2020 (0800) Spillway crest elevation 1,440.00 ft.	35.146 billion gallons 34.692 billion gallons	101.3%	1440.91 (elev.ft.)
Combined contents, PCN:	Available storage May 2, 2020 (0800) Combined capacity at spillway level	271.880 billion gallons 267.460 billion gallons	101.7%	

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 ¹	Pepacton	Cannonsville	Neversink	Wallen- paupack	Rio Reservoir	Uncon- trolled ²	Discharge	(inches)	
									Daily	Cumulative
Apr 25	0	699	1,496	190	223	674	4,748	8,030	0.03	3.15
26	0	699	1,495	190	4	509	4,603	7,500	0.91	4.06
27	0	699	1,494	190	4	562	10,251	13,200	0.04	4.10
28	0	699	1,493	190	646	392	10,680	14,100	0.00	4.10
29	0	699	1,494	190	1,050	393	8,174	12,000	0.02	4.12
30	0	699	1,495	190	1,074	696	7,246	11,400	<u>1.01</u>	<u>5.13</u>
May 1	0	700	1,497	190	1,377	784	19,052	23,600	0.03	0.03

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 April 25th – May 1st 2020 averaged 92.1 MGD.
 The average diversion for the 30-day period ending May 1st 2020 is 91.1 MGD, the maximum is 98 MGD.

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 Summary river data for April 18th – April 24th, 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-16 to date
Apr 18	223	452	0	968	178	123	425	0	0	521
19	112	452	0	968	172	123	466	0	0	521
20	46	452	0	968	72	122	451	0	144	521
21	0	452	0	968	78	123	450	0	0	521
22	0	452	0	964	3	123	453	0	148	521
23	0	452	0	967	0	123	453	0	113	521
24	0	452	0	967	0	123	453	0	110	522

Pepacton Reservoir (P):	Available storage April 25, 2020 (0800) Spillway crest elevation 1,280.00 ft.	138.290 billion gallons 139.320 billion gallons	99.3%	1,279.44 (elev.ft.)
Cannonsville Reservoir (C):	Available storage April 25, 2020 (0800) Spillway crest elevation 1,150.00 ft.	91.380 billion gallons 93.448 billion gallons	97.8%	1148.64 (elev.ft.)
Neversink Reservoir (N):	Available storage April 25, 2020 (0800) Spillway crest elevation 1,440.00 ft.	34.513 billion gallons 34.692 billion gallons	99.5%	1439.64 (elev.ft.)
Combined contents, PCN:	Available storage April 25, 2020 (0800) Combined capacity at spillway level	264.183 billion gallons 267.460 billion gallons	98.8%	

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 ¹	Pepacton	Cannonsville	Neversink	Wallen- paupack	Rio Reservoir	Uncon- trolled ²	Discharge	(inches)	
									Daily	Cumulative
Apr 18	0	699	1,494	190	3	438	7,176	10,000	0.01	2.43
19	0	700	1,496	190	4	310	7,400	10,100	0.00	2.43
20	0	699	1,497	190	3	282	6,929	9,600	0.00	2.43
21	0	699	1,498	190	179	563	5,861	8,990	0.23	2.66
22	0	699	1,498	189	364	632	5,448	8,830	0.00	2.66
23	0	699	1,498	190	423	696	4,854	8,360	0.26	2.92
24	0	699	1,492	190	233	680	4,587	7,880	0.02	3.12

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 April 18th – April 24th 2020 averaged 94.2 MGD.

The average diversion for the 30-day period ending April 24th 2020 is 91.5 MGD, the maximum is 98 MGD.