

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA
 Web address: <http://water.usgs.gov/osw/odrm>
 Summary river data for November 28th – December 4th, 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
Nov 28	0	52	0	98	0	39	353	0	0	560
29	0	52	0	98	0	39	350	0	0	559
30	0	52	0	99	0	39	201	0	0	557
Dec 1	0	52	0	99	0	39	0	0	110	554
2	0	53	0	99	0	39	0	0	213	553
3	0	52	0	98	0	39	0	0	0	550
4	0	52	0	97	0	39	201	0	148	548

Pepacton Reservoir (P):	Available storage December 5, 2020 (0800) Spillway crest elevation 1,280.00 ft.	105.930 billion gallons 139.320 billion gallons	76.0%	1,260.64 (elev.ft.)
Cannonsville Reservoir (C):	Available storage December 5, 2020 (0800) Spillway crest elevation 1,150.00 ft.	51.266 billion gallons 93.448 billion gallons	54.9%	1118.38 (elev.ft.)
Neversink Reservoir (N):	Available storage December 5, 2020 (0800) Spillway crest elevation 1,440.00 ft.	32.032 billion gallons 34.692 billion gallons	92.3%	1434.53 (elev.ft.)
Combined contents, PCN:	Available storage December 5, 2020 (0800) Combined capacity at spillway level	189.228 billion gallons 267.460 billion gallons	70.8%	

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
Nov 28	0	81	151	60	4	214	3,970	4,480	0.01	2.68
29	0	81	152	60	4	169	3,415	3,880	0.00	2.68
30	0	81	152	60	4	240	4,394	4,930	<u>0.96</u>	<u>3.64</u>
Dec 1	0	81	152	60	410	709	13,189	14,600	0.03	0.03
2	0	81	153	60	1,189	505	10,812	12,800	0.01	0.04
3	0	81	153	60	386	701	7,988	9,370	0.00	0.04
4	0	81	153	60	369	789	6,357	7,810	0.05	0.09

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 November 28th – December 4th 2020 averaged 85.3 MGD.

The average diversion for the 30-day period ending December 4th 2020 is 92.4 MGD, the maximum is 103 MGD.

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Summary river data for December 5th – December 11th, 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
Dec 5	0	52	0	97	0	39	299	0	0	547
6	0	52	0	97	0	39	299	0	110	546
7	0	52	0	97	0	39	299	0	148	546
8	0	52	0	98	0	39	299	0	147	545
9	0	52	0	98	0	39	300	0	168	545
10	0	52	0	98	0	39	403	0	129	545
11	0	52	0	98	0	39	403	0	222	545

Pepacton Reservoir (P):	Available storage December 12, 2020 (0800) Spillway crest elevation 1,280.00 ft.	106.690 billion gallons 139.320 billion gallons	76.6%	1,261.11 (elev.ft.)
Cannonsville Reservoir (C):	Available storage December 12, 2020 (0800) Spillway crest elevation 1,150.00 ft.	53.765 billion gallons 93.448 billion gallons	57.5%	1120.51 (elev.ft.)
Neversink Reservoir (N):	Available storage December 12, 2020 (0800) Spillway crest elevation 1,440.00 ft.	32.937 billion gallons 34.692 billion gallons	92.1%	1434.33 (elev.ft.)
Combined contents, PCN:	Available storage December 12, 2020 (0800) Combined capacity at spillway level	192.392 billion gallons 267.460 billion gallons	71.9%	

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 ¹	Pepacton	Cannonsville	Neversink	Wallen- paupack	Rio Reservoir	Uncon- trolled ²	Discharge	(inches)	
									Daily	Cumulative
Dec 5	0	82	151	60	549	484	5,234	6,560	0.04	0.13
6	0	80	150	60	174	354	4,781	5,600	0.00	0.13
7	0	81	150	60	165	402	4,252	5,110	0.00	0.13
8	0	81	150	60	301	240	3,688	4,520	0.00	0.13
9	0	81	151	60	300	225	3,353	4,170	0.09	0.22
10	0	81	151	60	300	237	3,081	3,910	0.00	0.22
11	0	81	151	60	454	258	2,916	3,920	0.00	0.22

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 December 5th – December 11th 2020 averaged 87.7 MGD.

The average diversion for the 30-day period ending December 11th 2020 is 90.2 MGD, the maximum is 100 MGD.

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Summary river data for December 12th – December 18th, 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
Dec 12	0	52	0	98	0	39	403	0	167	545
13	0	52	0	98	0	39	403	0	166	546
14	0	52	0	98	0	39	56	0	177	544
15	0	52	0	98	0	39	0	0	270	543
16	0	52	0	97	0	39	235	0	184	542
17	0	52	0	97	0	39	303	0	149	542
18	0	52	0	98	0	39	304	0	330	542

Pepacton Reservoir (P):	Available storage December 19, 2020 (0800) Spillway crest elevation 1,280.00 ft.	106.820 billion gallons 139.320 billion gallons	76.7%	1,261.19 (elev.ft.)
Cannonsville Reservoir (C):	Available storage December 19, 2020 (0800) Spillway crest elevation 1,150.00 ft.	55.317 billion gallons 93.448 billion gallons	59.2%	1121.81 (elev.ft.)
Neversink Reservoir (N):	Available storage December 19, 2020 (0800) Spillway crest elevation 1,440.00 ft.	31.042 billion gallons 34.692 billion gallons	89.5%	1432.43 (elev.ft.)
Combined contents, PCN:	Available storage December 19, 2020 (0800) Combined capacity at spillway level	193.179 billion gallons 267.460 billion gallons	72.2%	

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 ¹	Pepacton	Cannonsville	Neversink	Wallen- paupack	Rio Reservoir	Uncon- trolled ²	Discharge	(inches)	
									Daily	Cumulative
Dec 12	0	81	151	60	346	283	2,599	3,520	0.01	0.23
13	0	81	151	60	4	139	2,655	3,090	0.01	0.24
14	0	81	152	60	4	151	2,673	3,120	0.12	0.36
15	0	81	152	60	266	253	2,419	3,230	0.00	0.36
16	0	81	152	60	203	660	2,144	3,300	1.25	1.61
17	0	81	151	60	298	678	2,072	3,340	0.03	1.64
18	0	81	150	60	368	1153	1,808	3,620	0.00	1.64

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 December 12th – December 18th 2020 averaged 94.4 MGD.

The average diversion for the 30-day period ending December 18th 2020 is 90.7 MGD, the maximum is 100 MGD.

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Summary river data for December 19th – December 25th, 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
Dec 19	0	52	0	98	0	39	304	0	270	542
20	0	52	0	98	0	39	304	0	270	542
21	0	52	0	98	0	39	305	0	242	542
22	0	52	0	98	0	39	304	0	188	542
23	0	46	0	98	0	39	87	0	128	540
24	0	27	0	98	0	39	0	0	0	538
25	0	19	0	28	33	44	0	0	179	536

Pepacton Reservoir (P):	Available storage December 26, 2020 (0800) Spillway crest elevation 1,280.00 ft.	119.460 billion gallons 139.320 billion gallons	85.7%	1,268.80 (elev.ft.)
Cannonsville Reservoir (C):	Available storage December 26, 2020 (0800) Spillway crest elevation 1,150.00 ft.	69.539 billion gallons 93.448 billion gallons	74.4%	1133.11 (elev.ft.)
Neversink Reservoir (N):	Available storage December 26, 2020 (0800) Spillway crest elevation 1,440.00 ft.	34.866 billion gallons 34.692 billion gallons	100.5%	1440.35 (elev.ft.)
Combined contents, PCN:	Available storage December 26, 2020 (0800) Combined capacity at spillway level	223.865 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 ¹	Pepacton	Cannonsville	Neversink	Wallen- paupack	Rio Reservoir	Uncon- trolled ²	Discharge	(inches)	
									Daily	Cumulative
Dec 19	0	81	151	60	466	1,297	1,516	3,690	0.00	1.64
20	0	81	151	60	0	430	2,046	2,810	0.02	1.66
21	0	81	151	60	0	298	2,511	3,120	0.00	1.66
22	0	81	151	60	391	312	2,365	3,360	0.00	1.66
23	0	81	151	60	420	398	2,259	3,370	0.00	1.66
24	0	81	152	60	765	582	2,520	4,160	1.88	3.54
25	0	81	152	61	1,186	774	40,047	42,300	0.20	3.74

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 December 19th – December 25th 2020 averaged 85.3 MGD.

The average diversion for the 30-day period ending December 25th 2020 is 88.2 MGD, the maximum is 98 MGD.

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 Summary river data for December 26th – January 1st, 2021 (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
Dec 26	0	78	0	50	277	86	0	0	272	535
27	0	135	0	70	121	123	0	0	271	534
28	0	192	0	97	15	123	179	0	178	533
29	0	195	0	114	29	123	305	0	0	532
30	0	195	0	115	63	123	303	0	0	531
31	0	195	0	115	78	123	355	0	0	530
Jan 1	0	194	0	133	84	123	454	0	0	529

Pepacton Reservoir (P):	Available storage January 2, 2021 (0800) Spillway crest elevation 1,280.00 ft.	126.170 billion gallons 139.320 billion gallons	90.6%	1,272.68 (elev.ft.)
Cannonsville Reservoir (C):	Available storage January 2, 2021 (0800) Spillway crest elevation 1,150.00 ft.	80.537 billion gallons 93.448 billion gallons	86.2%	1141.19 (elev.ft.)
Neversink Reservoir (N):	Available storage January 2, 2021 (0800) Spillway crest elevation 1,440.00 ft.	34.796 billion gallons 34.692 billion gallons	100.3%	1440.21 (elev.ft.)
Combined contents, PCN:	Available storage January 2, 2021 (0800) Combined capacity at spillway level	241.503 billion gallons 267.460 billion gallons	90.3%	

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 ¹	Pepacton	Cannonsville	Neversink	Wallen- paupack	Rio Reservoir	Uncon- trolled ²	Discharge	(inches)	
									Daily	Cumulative
Dec 26	0	71	151	61	1,407	1,535	50,175	53,400	0.00	3.74
27	0	42	43	68	1,452	1,400	21,295	24,300	0.00	3.74
28	0	30	77	134	1,430	1,299	13,431	16,400	0.03	3.77
29	0	121	108	190	1,427	1,401	10,053	13,300	0.00	3.77
30	0	209	150	190	1,425	1,371	7,855	11,200	0.11	3.88
31	0	297	177	191	1,428	934	6,473	9,500	<u>0.00</u>	<u>3.88</u>
Jan 1	0	301	178	190	1,427	641	6,073	8,810	0.29	0.29

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 December 26th – January 1st 2021 averaged 91.0 MGD.

The average diversion for the 30-day period ending January 1st 2021 is 89.9 MGD, the maximum is 99 MGD.