

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA

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

Summary river data for February 27th – March 5th, 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
Feb 27	0	65	0	114	0	48	0	299	0	555
28	0	65	0	113	0	48	0	299	0	554
Mar 1	0	65	0	112	0	48	0	299	0	553
2	0	65	0	112	0	48	0	299	111	552
3	0	65	0	113	0	48	0	299	0	551
4	0	65	0	113	0	48	0	299	0	550
5	0	65	0	113	0	48	0	299	0	550

Pepacton Reservoir (P):	Available storage March 6, 2021 (0800) Spillway crest elevation 1,280.00 ft.	115.130 billion gallons 139.320 billion gallons	82.6%	1,266.24 (elev.ft.)
Cannonsville Reservoir (C):	Available storage March 6, 2021 (0800) Spillway crest elevation 1,150.00 ft.	76.547 billion gallons 93.448 billion gallons	81.9%	1138.32 (elev.ft.)
Neversink Reservoir (N):	Available storage March 6, 2021 (0800) Spillway crest elevation 1,440.00 ft.	28.886 billion gallons 34.692 billion gallons	83.3%	1427.73 (elev.ft.)
Combined contents, PCN:	Available storage March 6, 2021 (0800) Combined capacity at spillway level	220.563 billion gallons 267.460 billion gallons	82.5%	

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 ¹	Pepacton	Cannonsville	Neversink	Wallen- paupack	Rio Reservoir	Uncon- trolled ²	Discharge	(inches)	
									Daily	Cumulative
Feb 27	0	100	175	74	384	123	3,544	4,400	0.11	2.68
28	0	100	176	74	739	124	3,496	4,710	<u>0.03</u>	<u>2.98</u>
Mar 1	0	100	176	74	749	129	4,262	5,490	0.08	0.08
2	0	100	175	74	749	135	5,766	7,000	0.00	0.08
3	0	100	173	74	713	291	5,338	6,690	0.00	0.08
4	0	101	174	74	724	269	5,179	6,520	0.02	0.10
5	0	101	174	74	552	408	4,371	5,680	0.01	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 February 27th – March 5th 2021 averaged 76.5 MGD.

The average diversion for the 30-day period ending March 5th 2021 is 87.9 MGD, the maximum is 101 MGD.

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA
 Web address: <http://water.usgs.gov/osw/odrm>
 Summary river data for March 6th – March 12th, 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
Mar 6	0	65	0	113	0	48	0	300	0	549
7	0	64	0	113	0	46	0	300	182	548
8	0	52	0	104	0	39	0	300	281	549
9	0	52	0	97	0	39	0	300	297	549
10	0	52	0	97	0	39	0	300	246	549
11	0	52	0	97	0	39	0	300	197	549
12	0	52	0	97	0	39	0	300	32	548

Pepacton Reservoir (P):	Available storage March 13, 2021 (0800) Spillway crest elevation 1,280.00 ft.	119.480 billion gallons 139.320 billion gallons	85.5%	1,268.81 (elev.ft.)
Cannonsville Reservoir (C):	Available storage March 13, 2021 (0800) Spillway crest elevation 1,150.00 ft.	79.821 billion gallons 93.448 billion gallons	85.4%	1140.68 (elev.ft.)
Neversink Reservoir (N):	Available storage March 13, 2021 (0800) Spillway crest elevation 1,440.00 ft.	28.407 billion gallons 34.692 billion gallons	81.9%	1426.66 (elev.ft.)
Combined contents, PCN:	Available storage March 13, 2021 (0800) Combined capacity at spillway level	227.708 billion gallons 267.460 billion gallons	85.1%	

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 6	0	101	175	74	552	477	4,152	5,500	0.00	0.11
7	0	101	175	74	139	414	3,737	4,640	0.00	0.11
8	0	101	175	74	128	481	3,421	4,380	0.00	0.11
9	0	101	175	72	522	470	3,340	4,680	0.00	0.11
10	0	100	161	60	510	315	3,934	5,080	0.00	0.11
11	0	80	149	60	513	234	5,393	6,430	0.01	0.12
12	0	81	150	60	702	214	12,694	13,900	0.00	0.12

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 March 6th – March 12th 2021 averaged 93.6 MGD.

The average diversion for the 30-day period ending March 12th 2021 is 86.5 MGD, the maximum is 101 MGD.

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA
 Web address: <http://water.usgs.gov/osw/odrm>
 Summary river data for March 13th – March 19th, 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
Mar 13	0	50	0	99	0	37	202	288	0	548
14	0	52	0	93	0	39	326	300	0	548
15	0	52	0	97	0	39	421	299	142	549
16	0	52	0	94	0	39	454	300	197	550
17	0	52	0	97	0	39	453	300	197	552
18	0	52	0	100	0	39	337	299	41	552
19	0	51	0	99	0	40	305	300	0	552

Pepacton Reservoir (P):	Available storage March 20, 2021 (0800) Spillway crest elevation 1,280.00 ft.	123.970 billion gallons 139.320 billion gallons	89.0%	1,271.42 (elev.ft.)
Cannonsville Reservoir (C):	Available storage March 20, 2021 (0800) Spillway crest elevation 1,150.00 ft.	86.269 billion gallons 93.448 billion gallons	92.3%	1,145.19 (elev.ft.)
Neversink Reservoir (N):	Available storage March 20, 2021 (0800) Spillway crest elevation 1,440.00 ft.	29.097 billion gallons 34.692 billion gallons	83.9%	1,428.20 (elev.ft.)
Combined contents, PCN:	Available storage March 20, 2021 (0800) Combined capacity at spillway level	239.336 billion gallons 267.460 billion gallons	89.5%	

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 ¹	Pepacton	Cannonsville	Neversink	Wallen- paupack	Rio Reservoir	Uncon- trolled ²	Discharge	(inches)	
									Daily	Cumulative
Mar 13	0	81	150	60	1,190	243	19,176	20,900	0.00	0.12
14	0	81	150	60	1,191	505	14,413	16,400	0.03	0.15
15	0	81	154	58	1,191	595	10,421	12,500	0.00	0.15
16	0	78	144	60	762	455	8,072	9,570	0.02	0.17
17	0	81	150	60	588	606	6,805	8,290	0.01	0.18
18	0	81	146	60	570	439	6,834	8,130	0.89	1.07
19	0	81	150	60	816	447	14,946	16,500	0.00	1.07

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 13th – March 19th 2021 averaged 95.9 MGD.

The average diversion for the 30-day period ending March 19th 2021 is 87.5 MGD, the maximum is 102 MGD.

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA
 Web address: <http://water.usgs.gov/osw/odrm>
 Summary river data for March 20th – March 26th, 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
Mar 20	0	54	0	99	0	48	303	300	0	553
21	0	65	0	108	0	48	306	300	0	553
22	0	65	0	113	0	48	305	300	0	553
23	0	65	0	114	0	48	304	300	0	553
24	0	65	0	115	0	48	305	300	0	553
25	0	65	0	140	0	48	25	365	0	553
26	0	65	0	371	0	53	0	1	0	551

Pepacton Reservoir (P):	Available storage March 27, 2021 (0800) Spillway crest elevation 1,280.00 ft.	130.840 billion gallons 139.320 billion gallons	93.9%	1,275.32 (elev.ft.)
Cannonsville Reservoir (C):	Available storage March 27, 2021 (0800) Spillway crest elevation 1,150.00 ft.	91.787 billion gallons 93.448 billion gallons	98.2%	1,148.91 (elev.ft.)
Neversink Reservoir (N):	Available storage March 27, 2021 (0800) Spillway crest elevation 1,440.00 ft.	33.529 billion gallons 34.692 billion gallons	96.6%	1,437.64 (elev.ft.)
Combined contents, PCN:	Available storage March 27, 2021 (0800) Combined capacity at spillway level	256.156 billion gallons 267.460 billion gallons	95.8%	

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
Mar 20	0	81	154	60	1,182	240	11,882	13,600	0.00	1.07
21	0	81	153	62	982	312	9,409	11,000	0.00	1.07
22	0	80	153	74	981	435	8,378	10,100	0.00	1.07
23	0	83	167	74	973	465	8,029	9,790	0.01	1.08
24	0	100	175	74	973	447	8,142	9,910	0.66	1.74
25	0	100	176	74	943	443	12,163	13,900	0.09	1.83
26	0	100	177	74	495	753	14,000	15,600	0.01	1.84

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 20th – March 26th 2021 averaged 93.3 MGD.

The average diversion for the 30-day period ending March 26th 2021 is 88.8 MGD, the maximum is 102 MGD.

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA
 Web address: <http://water.usgs.gov/osw/odrm>
 Summary river data for March 27th – April 2nd, 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
Mar 27	0	65	0	330	0	71	0	0	0	549
28	0	65	1	391	56	84	0	145	0	548
29	0	65	34	471	406	123	0	285	0	547
30	0	65	31	776	231	123	0	346	147	547
31	0	150	2	965	204	123	0	62	112	545
Apr 1	0	194	12	966	264	123	0	123	222	545
2	0	194	14	966	67	123	0	210	340	545

Pepacton Reservoir (P):	Available storage April 3, 2021 (0800) Spillway crest elevation 1,280.00 ft.	137.100 billion gallons 139.320 billion gallons	98.4%	1,278.79 (elev.ft.)
Cannonsville Reservoir (C):	Available storage April 3, 2021 (0800) Spillway crest elevation 1,150.00 ft.	93.571 billion gallons 93.448 billion gallons	100.1%	1,150.08 (elev.ft.)
Neversink Reservoir (N):	Available storage April 3, 2021 (0800) Spillway crest elevation 1,440.00 ft.	34.662 billion gallons 34.692 billion gallons	99.9%	1,439.94 (elev.ft.)
Combined contents, PCN:	Available storage April 3, 2021 (0800) Combined capacity at spillway level	265.333 billion gallons 267.460 billion gallons	99.2%	

**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
Mar 27	0	100	216	74	513	898	11,898	13,700	0.00	1.84
28	0	101	574	82	483	783	9,577	11,600	0.61	2.45
29	0	101	510	110	505	902	11,672	13,800	0.00	2.45
30	0	101	605	130	552	864	10,748	13,000	0.00	2.45
31	0	101	729	191	773	830	8,477	11,100	<u>0.35</u>	<u>2.80</u>
Apr 1	0	101	1,201	190	934	869	8,305	11,600	0.03	0.03
2	0	101	1,493	190	934	1,067	7,815	11,600	0.00	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 March 27th – April 2nd 2021 averaged 92.9 MGD.
 The average diversion for the 30-day period ending April 2nd 2021 is 93.9 MGD, the maximum is 102 MGD.