

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA  
 Web address: <http://water.usgs.gov/osw/odrm>  
 Summary river data for March 27<sup>th</sup> – April 2<sup>nd</sup>, 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 <sup>1</sup>	Pepacton	Cannonsville	Neversink	Wallen- paupack	Rio Reservoir	Uncon- trolled <sup>2</sup>	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 27<sup>th</sup> – April 2<sup>nd</sup> 2021 averaged 92.9 MGD.  
 The average diversion for the 30-day period ending April 2<sup>nd</sup> 2021 is 93.9 MGD, the maximum is 102 MGD.

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 Web address: <http://water.usgs.gov/osw/odrm>  
 Summary river data for April 3<sup>rd</sup> – April 9<sup>th</sup>, 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
Apr 3	0	194	3	966	0	123	283	0	297	545
4	0	194	0	967	0	123	372	0	296	545
5	0	194	0	900	0	123	404	300	0	546
6	0	194	0	724	0	123	404	300	110	547
7	0	194	0	624	0	123	400	299	0	547
8	0	194	0	560	0	123	403	201	110	548
9	0	143	0	383	0	121	324	201	110	548

Pepacton Reservoir (P):	Available storage April 10, 2021 (0800) Spillway crest elevation 1,280.00 ft.	137.080 billion gallons 139.320 billion gallons	98.4%	1,278.78 (elev.ft.)
Cannonsville Reservoir (C):	Available storage April 10, 2021 (0800) Spillway crest elevation 1,150.00 ft.	91.666 billion gallons 93.448 billion gallons	98.1%	1,148.83 (elev.ft.)
Neversink Reservoir (N):	Available storage April 10, 2021 (0800) Spillway crest elevation 1,440.00 ft.	34.231 billion gallons 34.692 billion gallons	98.7%	1,439.07 (elev.ft.)
Combined contents, PCN:	Available storage April 10, 2021 (0800) Combined capacity at spillway level	262.977 billion gallons 267.460 billion gallons	98.3%	

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
Apr 3	0	231	1,495	190	671	1,184	6,088	9,860	0.00	0.03
4	0	300	1,495	190	4	591	5,555	8,120	0.00	0.03
5	0	300	1,495	191	4	760	5,111	7,860	0.00	0.03
6	0	301	1,495	190	261	779	4,494	7,520	0.00	0.03
7	0	301	1,392	190	94	794	3,859	6,630	0.00	0.03
8	0	301	1,121	190	87	585	3,676	5,960	0.00	0.03
9	0	300	965	190	87	433	3,495	5,470	0.02	0.05

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 3<sup>rd</sup> – April 9<sup>th</sup> 2021 averaged 99.2 MGD.

The average diversion for the 30-day period ending April 9<sup>th</sup> 2021 is 95.2 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 April 10<sup>th</sup> – April 16<sup>th</sup>, 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
Apr 10	0	73	0	275	0	100	304	201	0	548
11	0	64	0	243	0	92	304	201	0	548
12	0	53	0	235	0	39	304	201	0	548
13	0	52	0	227	0	39	304	200	111	548
14	0	52	0	227	0	39	304	200	1	548
15	0	57	0	227	0	43	304	200	150	548
16	0	53	0	233	0	39	375	200	150	548

Pepacton Reservoir (P):	Available storage April 17, 2021 (0800) Spillway crest elevation 1,280.00 ft.	137.700 billion gallons 139.320 billion gallons	98.8%	1,279.12 (elev.ft.)
Cannonsville Reservoir (C):	Available storage April 17, 2021 (0800) Spillway crest elevation 1,150.00 ft.	91.969 billion gallons 93.448 billion gallons	98.4%	1,149.03 (elev.ft.)
Neversink Reservoir (N):	Available storage April 17, 2021 (0800) Spillway crest elevation 1,440.00 ft.	34.587 billion gallons 34.692 billion gallons	99.7%	1,439.79 (elev.ft.)
Combined contents, PCN:	Available storage April 17, 2021 (0800) Combined capacity at spillway level	264.256 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 <sup>1</sup>	Pepacton	Cannonsville	Neversink	Wallen- paupack	Rio Reservoir	Uncon- trolled <sup>2</sup>	Discharge	(inches)	
									Daily	Cumulative
Apr 10	0	300	866	190	94	394	3,086	4,930	0.00	0.05
11	0	300	593	187	4	266	3,120	4,470	0.77	0.82
12	0	221	425	155	0	431	5,407	6,640	0.32	1.14
13	0	113	376	143	190	560	6,678	8,060	0.00	1.14
14	0	100	363	60	5	726	6,476	7,730	0.03	1.17
15	0	82	351	61	215	545	5,496	6,750	0.26	1.43
16	0	81	351	60	347	882	5,399	7,120	0.07	1.50

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 10<sup>th</sup> – April 16<sup>th</sup> 2021 averaged 96.8 MGD.

The average diversion for the 30-day period ending April 16<sup>th</sup> 2021 is 95.6 MGD, the maximum is 101 MGD.

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 Summary river data for April 17<sup>th</sup> – April 23<sup>rd</sup>, 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
Apr 17	0	52	0	226	0	39	403	200	147	549
18	0	52	0	225	0	39	404	200	129	550
19	0	52	0	225	0	39	404	200	0	550
20	0	52	0	225	0	39	403	200	110	550
21	0	52	0	225	0	39	404	200	0	551
22	0	52	0	225	0	39	404	200	0	551
23	0	52	0	225	0	39	357	200	0	551

Pepacton Reservoir (P):	Available storage April 24, 2021 (0800) Spillway crest elevation 1,280.00 ft.	137.560 billion gallons 139.320 billion gallons	98.7%	1,279.04 (elev.ft.)
Cannonsville Reservoir (C):	Available storage April 24, 2021 (0800) Spillway crest elevation 1,150.00 ft.	92.454 billion gallons 93.448 billion gallons	98.9%	1,149.35 (elev.ft.)
Neversink Reservoir (N):	Available storage April 24, 2021 (0800) Spillway crest elevation 1,440.00 ft.	34.692 billion gallons 34.692 billion gallons	100.0%	1,440.00 (elev.ft.)
Combined contents, PCN:	Available storage April 24, 2021 (0800) Combined capacity at spillway level	264.706 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 <sup>1</sup>	Pepacton	Cannonsville	Neversink	Wallen- paupack	Rio Reservoir	Uncon- trolled <sup>2</sup>	Discharge	(inches)	
									Daily	Cumulative
Apr 17	0	81	351	67	280	745	5,056	6,580	0.00	1.50
18	0	88	360	60	4	388	5,019	5,920	0.01	1.51
19	0	82	349	60	4	351	4,794	5,640	0.02	1.53
20	0	80	348	60	119	587	4,136	5,330	0.02	1.55
21	0	80	348	60	4	501	3,936	4,930	0.09	1.64
22	0	80	348	60	4	493	3,725	4,710	0.03	1.67
23	0	80	348	60	4	352	3,525	4,370	0.00	1.67

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 17<sup>th</sup> – April 23<sup>rd</sup> 2021 averaged 98.3 MGD.

The average diversion for the 30-day period ending April 23<sup>rd</sup> 2021 is 96.0 MGD, the maximum is 102 MD.

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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
Apr 24	0	52	0	225	1	39	304	200	93	551
25	0	52	0	225	0	39	304	200	93	551
26	0	52	0	225	0	39	277	200	92	551
27	0	52	0	226	0	39	254	0	0	550
28	0	52	0	226	0	39	230	0	111	550
29	0	52	10	257	0	39	204	0	92	549
30	23	74	386	225	0	55	279	0	0	548

Pepacton Reservoir (P):	Available storage May 1, 2021 (0800) Spillway crest elevation 1,280.00 ft.	139.650 billion gallons 139.320 billion gallons	100.2%	1,280.18 (elev.ft.)
Cannonsville Reservoir (C):	Available storage May 1, 2021 (0800) Spillway crest elevation 1,150.00 ft.	95.258 billion gallons 93.448 billion gallons	101.9%	1,151.17 (elev.ft.)
Neversink Reservoir (N):	Available storage May 1, 2021 (0800) Spillway crest elevation 1,440.00 ft.	34.682 billion gallons 34.682 billion gallons	100.0%	1,439.98 (elev.ft.)
Combined contents, PCN:	Available storage May 1, 2021 (0800) Combined capacity at spillway level	269.590 billion gallons 267.460 billion gallons	100.8%	

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
Apr 24	0	80	348	60	4	186	3,302	3,980	0.09	1.76
25	0	80	348	60	4	226	3,102	3,820	0.01	1.77
26	0	81	349	60	4	270	3,046	3,810	0.01	1.78
27	0	81	348	60	4	320	2,747	3,560	0.00	1.78
28	0	81	348	60	4	244	2,593	3,330	0.31	2.09
29	0	81	349	60	4	145	2,650	3,290	0.52	2.61
30	0	81	350	60	3	150	3,706	4,350	0.04	2.65

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 24<sup>th</sup> – April 30<sup>th</sup> 2021 averaged 99.3 MGD.

The average diversion for the 30-day period ending April 30<sup>th</sup> 2021 is 98.1 MGD, the maximum is 102 MD.