

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA  
 Web address: <http://water.usgs.gov/osw/odrm>  
 Summary river data for June 26<sup>th</sup> – July 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-21 to date
June 26	0	97	0	335	0	74	353	268	0	582
27	0	97	0	408	0	74	353	268	0	584
28	0	108	0	420	0	86	382	269	110	590
29	0	99	0	401	0	87	383	268	105	596
30	0	97	0	350	0	75	381	269	167	603
July 1	0	97	0	324	0	74	206	269	93	602
2	0	97	0	324	0	74	353	269	0	603

Pepacton Reservoir (P):	Available storage July 3, 2021 (0800) Spillway crest elevation 1,280.00 ft.	133.130 billion gallons 139.320 billion gallons	95.6%	1,276.60 (elev.ft.)
Cannonsville Reservoir (C):	Available storage July 3, 2021 (0800) Spillway crest elevation 1,150.00 ft.	84.642 billion gallons 93.448 billion gallons	90.6%	1,144.07 (elev.ft.)
Neversink Reservoir (N):	Available storage July 3, 2021 (0800) Spillway crest elevation 1,440.00 ft.	32.447 billion gallons 34.682 billion gallons	93.5%	1,435.40 (elev.ft.)
Combined contents, PCN:	Available storage July 3, 2021 (0800) Combined capacity at spillway level	250.219 billion gallons 267.460 billion gallons	93.6%	

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
June 26	356	150	495	114	183	137	1,170	2,250	0.00	2.62
27	6	150	499	114	436	171	1,120	2,490	0.00	2.62
28	0	149	519	114	439	317	1,021	2,560	0.00	2.62
29	0	150	631	114	414	384	1,007	2,700	0.25	2.87
30	142	150	649	134	403	373	961	2,670	<u>0.51</u>	<u>3.38</u>
July 1	67	167	621	134	425	268	815	2,430	0.51	0.51
2	0	153	541	115	311	136	1,464	2,720	0.57	1.08

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

2. Includes conservation release of 80 cfs from Rio Reservoir.

Diversions by New Jersey through the D&R Canal June 26<sup>th</sup> – July 2<sup>nd</sup> 2021 averaged 98.6 MGD.

The average diversion for the 30-day period ending July 2<sup>nd</sup> 2021 is 98.9 MGD, the maximum is 105 MD.

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 Web address: <http://water.usgs.gov/osw/odrm>  
 Summary river data for July 3<sup>rd</sup> – July 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-21 to date
July 3	0	97	0	323	0	74	354	269	0	603
4	0	97	0	323	0	74	354	269	0	604
5	0	97	0	322	0	74	353	269	0	604
6	0	97	0	322	0	74	371	223	128	608
7	0	97	0	322	0	74	0	199	129	600
8	0	97	0	322	0	74	0	200	0	590
9	0	97	0	322	26	74	0	0	0	574

Pepacton Reservoir (P):	Available storage July 10, 2021 (0800) Spillway crest elevation 1,280.00 ft.	133.940 billion gallons 139.320 billion gallons	96.1%	1,277.05 (elev.ft.)
Cannonsville Reservoir (C):	Available storage July 10, 2021 (0800) Spillway crest elevation 1,150.00 ft.	83.620 billion gallons 93.448 billion gallons	89.5%	1,143.36 (elev.ft.)
Neversink Reservoir (N):	Available storage July 10, 2021 (0800) Spillway crest elevation 1,440.00 ft.	34.836 billion gallons 34.682 billion gallons	100.4%	1,440.29 (elev.ft.)
Combined contents, PCN:	Available storage July 10, 2021 (0800) Combined capacity at spillway level	252.396 billion gallons 267.460 billion gallons	94.4%	

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
July 3	0	149	501	114	318	317	2,850	4,250	0.67	1.75
4	35	150	501	114	5	124	4,856	5,750	0.00	1.75
5	408	150	500	114	170	119	5,056	6,110	0.00	1.75
6	0	150	499	114	155	256	3,116	4,290	0.47	2.22
7	0	150	499	114	373	352	2,472	3,960	0.66	2.88
8	0	150	498	115	365	245	3,747	5,120	1.08	3.96
9	0	150	499	115	214	429	10,593	12,000	0.08	4.04

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

2. Includes conservation release of 80 cfs from Rio Reservoir.

Diversions by New Jersey through the D&R Canal July 3<sup>rd</sup> – July 9<sup>th</sup> 2021 averaged 97.4 MGD.

The average diversion for the 30-day period ending July 9<sup>th</sup> 2021 is 99.5 MGD, the maximum is 105 MD.

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA  
 Web address: <http://water.usgs.gov/osw/odrm>  
 Summary river data for July 10<sup>th</sup> – July 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-21 to date
July 10	0	97	0	322	265	74	0	0	0	560
11	0	98	0	322	216	82	0	0	111	549
12	0	117	0	342	770	123	0	0	21	537
13	0	193	0	360	445	123	0	0	0	524
14	0	244	0	392	266	123	285	0	0	519
15	0	287	0	483	152	123	299	142	0	517
16	1	451	0	700	90	123	56	58	0	508

Pepacton Reservoir (P):	Available storage July 17, 2021 (0800) Spillway crest elevation 1,280.00 ft.	139.350 billion gallons 139.320 billion gallons	100.0%	1,280.02 (elev.ft.)
Cannonsville Reservoir (C):	Available storage July 17, 2021 (0800) Spillway crest elevation 1,150.00 ft.	92.181 billion gallons 93.448 billion gallons	98.6%	1,149.17 (elev.ft.)
Neversink Reservoir (N):	Available storage July 17, 2021 (0800) Spillway crest elevation 1,440.00 ft.	34.771 billion gallons 34.682 billion gallons	100.2%	1,440.16 (elev.ft.)
Combined contents, PCN:	Available storage July 17, 2021 (0800) Combined capacity at spillway level	266.302 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 <sup>1</sup>	Pepacton	Cannonsville	Neversink	Wallen- paupack	Rio Reservoir	Uncon- trolled <sup>2</sup>	Discharge	(inches)	
									Daily	Cumulative
July 10	0	150	498	114	202	692	10,344	12,000	0.00	4.04
11	0	150	497	115	196	452	6,610	8,020	0.89	4.93
12	0	150	498	115	150	356	6,991	8,260	0.53	5.46
13	0	151	498	127	224	515	15,585	17,100	0.52	5.98
14	0	152	528	191	519	642	15,568	17,600	0.08	6.06
15	0	181	556	190	479	443	13,851	15,700	0.02	6.08
16	0	299	607	190	492	706	8,807	11,100	0.13	6.21

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 July 10<sup>th</sup> – July 16<sup>th</sup> 2021 averaged 97.9 MGD.

The average diversion for the 30-day period ending July 16<sup>th</sup> 2021 is 98.6 MGD, the maximum is 106 MD.

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 Summary river data for July 17<sup>th</sup> – July 23<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-21 to date
July 17	140	451	0	885	635	123	21	0	0	498
18	454	452	0	970	978	123	422	0	0	496
19	377	451	0	971	440	123	590	0	0	498
20	217	452	0	972	233	123	504	0	0	498
21	182	452	48	973	159	123	502	0	0	498
22	61	452	104	968	101	122	502	0	0	498
23	2	448	72	966	71	124	502	159	0	501

Pepacton Reservoir (P):	Available storage July 24, 2021 (0800) Spillway crest elevation 1,280.00 ft.	139.060 billion gallons 139.320 billion gallons	99.8%	1,279.86 (elev.ft.)
Cannonsville Reservoir (C):	Available storage July 24, 2021 (0800) Spillway crest elevation 1,150.00 ft.	93.679 billion gallons 93.448 billion gallons	100.2%	1,150.15 (elev.ft.)
Neversink Reservoir (N):	Available storage July 24, 2021 (0800) Spillway crest elevation 1,440.00 ft.	34.761 billion gallons 34.682 billion gallons	100.2%	1,440.14 (elev.ft.)
Combined contents, PCN:	Available storage July 24, 2021 (0800) Combined capacity at spillway level	267.500 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	Precipitation	
	Directed release <sup>1</sup>	Pepacton	Cannonsville	Neversink	Wallen- paupack	Rio Reservoir	Uncon- trolled <sup>2</sup>	Discharge	(inches)	
									Daily	Cumulative
July 17	0	378	747	190	411	756	6,598	9,080	1.12	7.33
18	0	444	1,082	191	401	813	18,170	21,100	0.15	7.48
19	0	698	1,369	191	419	1,232	16,591	20,500	0.00	7.48
20	0	698	1,500	191	628	1,259	10,424	14,700	0.28	7.76
21	0	699	1,502	190	618	1,171	7,521	11,700	0.02	7.78
22	0	698	1,503	190	602	888	8,219	21,100	0.00	7.78
23	0	699	1,505	190	626	632	5,777	9,430	0.00	7.78

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 July 17<sup>th</sup> – July 23<sup>rd</sup> 2021 averaged 96.1 MGD.

The average diversion for the 30-day period ending July 23<sup>rd</sup> 2021 is 97.7 MGD, the maximum is 106 MD.

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 Summary river data for July 24<sup>th</sup> – July 30<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-21 to date
July 24	0	343	6	966	11	118	414	198	230	508
25	0	232	0	884	0	97	403	198	256	514
26	0	194	0	646	0	97	447	283	10	518
27	0	194	0	447	0	97	453	286	0	522
28	0	194	0	391	0	97	127	0	0	515
29	0	194	0	391	0	97	280	0	120	513
30	0	194	0	392	0	97	304	276	0	514

Pepacton Reservoir (P):	Available storage July 31, 2021 (0800) Spillway crest elevation 1,280.00 ft.	137.850 billion gallons 139.320 billion gallons	98.9%	1,279.20 (elev.ft.)
Cannonsville Reservoir (C):	Available storage July 31, 2021 (0800) Spillway crest elevation 1,150.00 ft.	92.075 billion gallons 93.448 billion gallons	98.5%	1,149.10 (elev.ft.)
Neversink Reservoir (N):	Available storage July 31 2021 (0800) Spillway crest elevation 1,440.00 ft.	34.330 billion gallons 34.682 billion gallons	99.0%	1,439.27 (elev.ft.)
Combined contents, PCN:	Available storage July 31, 2021 (0800) Combined capacity at spillway level	264.255 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
July 24	0	699	1,497	188	607	518	4,221	7,730	0.05	7.83
25	0	699	1,494	192	294	433	3,307	6,420	0.08	7.91
26	0	694	1,495	183	326	489	2,583	5,770	0.00	7.91
27	0	531	1,368	150	419	462	1,991	4,920	0.33	8.24
28	0	360	996	150	398	315	1,922	4,140	0.00	8.24
29	0	300	691	150	373	279	2,037	3,830	0.35	8.59
30	0	300	605	150	379	309	1,948	8,690	0.00	8.59

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 July 24<sup>th</sup> – July 30<sup>th</sup> 2021 averaged 80.4 MGD.

The average diversion for the 30-day period ending July 30<sup>th</sup> 2021 is 93.4 MGD, the maximum is 106 MD.