

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA
 Web address: <http://water.usgs.gov/osw/odrm>
 Summary river data for July 31st – August 6th, 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 31	0	194	0	390	0	97	304	298	0	516
Aug 1	0	194	0	390	0	96	305	298	0	517
2	0	194	0	387	0	97	294	286	126	520
3	0	195	0	389	0	97	0	0	126	514
4	0	195	0	389	0	97	206	202	0	512
5	0	194	0	388	0	97	305	299	0	514
6	0	194	0	389	0	97	388	299	0	516

Pepacton Reservoir (P):	Available storage August 7, 2021 (0800) Spillway crest elevation 1,280.00 ft.	136.100 billion gallons 139.320 billion gallons	97.7%	1,278.24 (elev.ft.)
Cannonsville Reservoir (C):	Available storage August 7, 2021 (0800) Spillway crest elevation 1,150.00 ft.	89.749 billion gallons 93.448 billion gallons	96.0%	1,147.55 (elev.ft.)
Neversink Reservoir (N):	Available storage August 7, 2021 (0800) Spillway crest elevation 1,440.00 ft.	33.906 billion gallons 34.682 billion gallons	97.7%	1,438.41 (elev.ft.)
Combined contents, PCN:	Available storage August 7, 2021 (0800) Combined capacity at spillway level	259.755 billion gallons 267.460 billion gallons	97.1%	

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
July 31	0	300	605	150	409	456	1,760	3,680	0.00	8.59
Aug 1	0	300	606	150	191	205	1,619	3,070	0.30	0.30
2	0	300	604	150	188	264	1,534	3,040	0.00	0.30
3	0	301	604	149	297	288	2,012	3,650	0.00	0.30
4	0	299	599	150	249	273	1,690	3,260	0.00	0.30
5	0	301	602	150	265	312	1,490	3,120	0.00	0.30
6	0	301	601	150	201	389	1,418	3,060	0.00	0.30

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 31st – August 6th 2021 averaged 97.9 MGD.

The average diversion for the 30-day period ending August 6th 2021 is 93.1 MGD, the maximum is 106 MD.

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 Summary river data for August 7th – August 13th, 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
Aug 7	0	193	0	387	0	96	402	298	0	519
8	0	194	0	388	0	97	403	299	0	522
9	0	194	0	391	0	97	445	298	0	525
10	0	194	0	405	0	97	451	297	0	528
11	0	193	0	393	0	97	453	298	0	531
12	0	194	0	364	0	97	296	196	148	533
13	0	194	0	355	0	97	107	0	114	528

Pepacton Reservoir (P):	Available storage August 14, 2021 (0800) Spillway crest elevation 1,280.00 ft.	133.150 billion gallons 139.320 billion gallons	95.6%	1,276.61 (elev.ft.)
Cannonsville Reservoir (C):	Available storage August 14, 2021 (0800) Spillway crest elevation 1,150.00 ft.	86.634 billion gallons 93.448 billion gallons	92.7%	1,145.44 (elev.ft.)
Neversink Reservoir (N):	Available storage August 14, 2021 (0800) Spillway crest elevation 1,440.00 ft.	33.369 billion gallons 34.682 billion gallons	96.2%	1,437.31 (elev.ft.)
Combined contents, PCN:	Available storage August 14, 2021 (0800) Combined capacity at spillway level	253.153 billion gallons 267.460 billion gallons	94.7%	

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 Discharge	Precipitation (inches)	
	Directed release ¹	Pepacton	Cannonsville	Neversink	Wallen- paupack	Rio Reservoir			Uncon- trolled ²	Daily
	Aug 7	0	301	601	150	328	392	1,378		
8	0	301	601	150	231	355	1,252	2,890	0.00	0.30
9	77	301	598	149	239	330	1,213	2,830	0.01	0.31
10	0	299	600	150	295	382	1,215	2,940	0.15	0.46
11	0	300	604	150	389	457	1,210	3,110	0.09	0.55
12	0	300	627	150	522	529	1,283	3,410	0.19	0.74
13	0	299	608	150	617	505	1,180	3,360	0.18	0.92

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 August 7th – August 13th 2021 averaged 98.7 MGD.

The average diversion for the 30-day period ending August 13th 2021 is 93.6 MGD, the maximum is 104 MD.

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 Summary river data for August 14th – August 20th, 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
Aug 14	0	194	0	355	0	97	388	182	110	530
15	0	194	0	352	0	97	399	292	0	533
16	0	194	0	352	0	97	73	198	0	529
17	0	194	0	354	0	97	268	299	92	531
18	0	194	0	354	0	97	400	299	0	533
19	0	194	0	355	0	97	400	298	0	535
20	0	194	0	355	0	97	360	298	184	539

Pepacton Reservoir (P):	Available storage August 21, 2021 (0800) Spillway crest elevation 1,280.00 ft.	130.890 billion gallons 139.320 billion gallons	93.9%	1,275.35 (elev.ft.)
Cannonsville Reservoir (C):	Available storage August 21, 2021 (0800) Spillway crest elevation 1,150.00 ft.	83.849 billion gallons 93.448 billion gallons	89.7%	1,143.52 (elev.ft.)
Neversink Reservoir (N):	Available storage August 21, 2021 (0800) Spillway crest elevation 1,440.00 ft.	32.981 billion gallons 34.682 billion gallons	95.1%	1,436.51 (elev.ft.)
Combined contents, PCN:	Available storage August 21, 2021 (0800) Combined capacity at spillway level	247.720 billion gallons 267.460 billion gallons	92.6%	

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
Aug 14	0	299	563	150	499	342	1,066	2,920	0.00	0.92
15	176	299	549	150	231	276	1,465	2,970	0.00	0.92
16	227	300	549	150	331	195	1,015	2,540	0.14	1.06
17	342	300	545	150	191	193	991	2,370	0.18	1.24
18	390	300	545	150	93	206	1,067	2,360	1.56	2.80
19	0	300	547	150	105	227	3,752	5,080	0.04	2.84
20	0	300	548	150	96	260	4,687	6,040	0.34	3.18

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 August 14th – August 20th 2021 averaged 97.6 MGD.

The average diversion for the 30-day period ending August 20th 2021 is 94.1 MGD, the maximum is 103 MD.

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 Summary river data for August 21st – August 27th, 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
Aug 21	0	194	0	354	0	97	306	25	0	536
22	0	194	0	363	0	123	262	0	0	533
23	0	194	0	359	0	123	203	0	93	530
24	0	194	0	355	0	117	281	0	157	529
25	0	195	0	372	0	97	422	0	199	530
25	0	194	0	389	0	97	449	0	198	531
27	0	194	0	389	0	97	389	0	261	533

Pepacton Reservoir (P):	Available storage August 28, 2021 (0800) Spillway crest elevation 1,280.00 ft.	132.560 billion gallons 139.320 billion gallons	95.1%	1,276.28 (elev.ft.)
Cannonsville Reservoir (C):	Available storage August 28, 2021 (0800) Spillway crest elevation 1,150.00 ft.	87.426 billion gallons 93.448 billion gallons	93.6%	1,145.98 (elev.ft.)
Neversink Reservoir (N):	Available storage August 28, 2021 (0800) Spillway crest elevation 1,440.00 ft.	33.369 billion gallons 34.682 billion gallons	96.2%	1,437.31 (elev.ft.)
Combined contents, PCN:	Available storage August 28, 2021 (0800) Combined capacity at spillway level	253.355 billion gallons 267.460 billion gallons	94.7%	

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
Aug 21	0	300	549	150	136	379	3,266	4,780	0.12	3.30
22	0	300	548	150	306	294	3,451	5,050	2.38	5.68
23	0	300	548	150	356	311	19,235	20,900	0.05	5.73
24	0	300	561	190	1,426	413	17,810	20,700	0.00	5.73
25	0	300	555	190	1,446	498	9,111	12,100	0.00	5.73
26	0	301	550	181	1,446	606	5,737	8,820	0.11	5.84
27	0	301	576	150	1,449	584	4,539	7,600	0.37	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 August 21st – August 27th 2021 averaged 43.6 MGD.

The average diversion for the 30-day period ending August 27th 2021 is 80.6 MGD, the maximum is 102 MD.

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 Summary river data for August 28th – September 3rd, 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
Aug 28	0	194	0	385	0	97	307	0	297	534
29	0	194	0	386	0	97	308	0	296	534
30	0	194	0	386	0	123	308	286	0	535
31	0	194	0	388	0	123	306	1	0	533
Sep 1	0	194	0	389	0	121	0	0	0	527
2	0	195	0	386	0	125	0	0	0	521
3	0	195	0	388	0	123	0	0	0	516

Pepacton Reservoir (P):	Available storage September 4, 2021 (0800) Spillway crest elevation 1,280.00 ft.	133.190 billion gallons 139.320 billion gallons	95.6%	1,276.63 (elev.ft.)
Cannonsville Reservoir (C):	Available storage September 4, 2021 (0800) Spillway crest elevation 1,150.00 ft.	87.868 billion gallons 93.448 billion gallons	94.0%	1,146.28 (elev.ft.)
Neversink Reservoir (N):	Available storage September 4, 2021 (0800) Spillway crest elevation 1,440.00 ft.	34.078 billion gallons 34.682 billion gallons	98.2%	1,438.76 (elev.ft.)
Combined contents, PCN:	Available storage September 4, 2021 (0800) Combined capacity at spillway level	255.136 billion gallons 267.460 billion gallons	95.4%	

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 ¹	Pepacton	Cannonsville	Neversink	Wallen- paupack	Rio Reservoir	Uncon- trolled ²	Discharge	(inches)	
									Daily	Cumulative
Aug 28	0	302	602	150	1,452	404	4,371	7,280	0.01	6.22
29	0	300	602	150	1,454	308	4,635	7,450	0.00	6.22
30	0	300	596	150	1,452	308	3,664	6,470	0.19	6.41
31	0	300	597	150	1,450	435	3,598	6,530	<u>0.19</u>	<u>6.60</u>
Sep 1	0	300	598	190	1,449	649	8,314	11,500	3.14	3.14
2	0	300	600	190	2,688	2,422	52,403	58,600	0.00	3.14
3	0	300	601	187	2,850	3,474	21,291	28,700	0.00	3.14

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 August 28th – September 3rd 2021 averaged 49.5 MGD.

The average diversion for the 30-day period ending September 3rd 2021 is 74.2 MGD, the maximum is 102 MD.