

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA  
 Web address: <http://water.usgs.gov/osw/odrm>  
 Summary river data for August 28<sup>th</sup> – September 3<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-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 <sup>1</sup>	Pepacton	Cannonsville	Neversink	Wallen- paupack	Rio Reservoir	Uncon- trolled <sup>2</sup>	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 28<sup>th</sup> – September 3<sup>rd</sup> 2021 averaged 49.5 MGD.

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

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Summary river data for September 4<sup>th</sup> – September 10<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
Sep 4	0	195	0	386	0	122	0	0	0	510
5	0	194	0	388	0	123	0	0	0	505
6	0	194	0	386	0	123	0	0	165	502
7	0	194	0	389	0	120	256	0	405	503
8	0	194	0	384	0	97	305	0	446	506
9	0	194	0	387	0	98	305	0	446	508
10	0	286	0	413	0	123	222	0	387	509

Pepacton Reservoir (P):	Available storage September 11, 2021 (0800) Spillway crest elevation 1,280.00 ft.	134.160 billion gallons 139.320 billion gallons	96.3%	1,277.17 (elev.ft.)
Cannonsville Reservoir (C):	Available storage September 11, 2021 (0800) Spillway crest elevation 1,150.00 ft.	87.824 billion gallons 93.448 billion gallons	94.0%	1,146.25 (elev.ft.)
Neversink Reservoir (N):	Available storage September 11, 2021 (0800) Spillway crest elevation 1,440.00 ft.	33.233 billion gallons 34.682 billion gallons	95.8%	1,437.03 (elev.ft.)
Combined contents, PCN:	Available storage September 11, 2021 (0800) Combined capacity at spillway level	255.217 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 <sup>1</sup>	Pepacton	Cannonsville	Neversink	Wallen- paupack	Rio Reservoir	Uncon- trolled <sup>2</sup>	Discharge	(inches)	
									Daily	Cumulative
Sep 4	0	300	597	194	1,475	2,026	12,408	17,000	0.04	3.18
5	0	301	601	190	1,480	1,516	8,412	12,500	0.16	3.34
6	0	302	598	190	1,481	1,078	6,953	10,600	0.01	3.35
7	0	301	600	191	1,481	471	5,456	8,500	0.00	3.35
8	0	300	598	191	1,481	347	4,603	7,520	0.97	4.32
9	0	300	601	185	1,466	733	6,125	9,410	0.01	4.33
10	0	300	595	150	1,442	1,019	7,395	10,900	0.00	4.33

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 September 4<sup>th</sup> – September 10<sup>th</sup> 2021 averaged 100.3 MGD.

The average diversion for the 30-day period ending September 10<sup>th</sup> 2021 is 74.4 MGD, the maximum is 102 MD.

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Summary river data for September 11<sup>th</sup> – September 17<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
Sep 11	0	300	0	623	0	123	206	0	346	510
12	0	300	0	597	0	123	197	0	330	510
13	0	300	0	596	0	123	369	0	0	508
14	0	408	0	668	0	123	553	0	0	509
15	0	452	0	941	0	123	594	0	0	510
16	0	451	0	963	0	123	593	0	213	512
17	0	452	0	967	0	123	593	0	55	514

Pepacton Reservoir (P):	Available storage September 18, 2021 (0800) Spillway crest elevation 1,280.00 ft.	131.460 billion gallons 139.320 billion gallons	94.4%	1,275.67 (elev.ft.)
Cannonsville Reservoir (C):	Available storage September 18, 2021 (0800) Spillway crest elevation 1,150.00 ft.	85.381 billion gallons 93.448 billion gallons	91.4%	1,144.58 (elev.ft.)
Neversink Reservoir (N):	Available storage September 18, 2021 (0800) Spillway crest elevation 1,440.00 ft.	33.088 billion gallons 34.682 billion gallons	95.4%	1,436.73 (elev.ft.)
Combined contents, PCN:	Available storage September 18 2021 (0800) Combined capacity at spillway level	249.929 billion gallons 267.460 billion gallons	93.4%	

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
Sep 11	0	300	599	151	1,444	1,103	5,243	8,840	0.00	4.33
12	0	300	639	190	1,447	1,011	4,453	8,040	0.01	4.34
13	0	442	964	190	1,452	981	3,420	7,450	0.14	4.48
14	0	464	923	190	1,449	960	3,073	7,060	0.00	4.48
15	0	464	921	190	1,447	956	2,862	6,840	1.08	5.56
16	0	464	1,034	190	1,449	712	5,971	9,820	0.00	5.56
17	0	631	1,456	190	1,445	765	7,213	11,700	0.00	5.56

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 September 11<sup>th</sup> – September 17<sup>th</sup> 2021 averaged 101.2 MGD.

The average diversion for the 30-day period ending September 17<sup>th</sup> 2021 is 75.0 MGD, the maximum is 105 MD.

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Summary river data for September 18<sup>th</sup> – September 24<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
Sep 18	0	452	0	971	0	123	592	0	0	514
19	0	452	0	964	0	123	532	0	0	515
20	0	452	0	964	0	123	512	0	228	517
21	0	452	0	924	0	123	46	0	241	519
22	0	452	0	711	0	123	0	0	270	518
23	0	453	0	708	0	123	0	0	268	515
24	0	453	0	782	0	123	156	0	347	514

Pepacton Reservoir (P):	Available storage September 25, 2021 (0800) Spillway crest elevation 1,280.00 ft.	131.450 billion gallons 139.320 billion gallons	94.4%	1,275.66 (elev.ft.)
Cannonsville Reservoir (C):	Available storage September 25, 2021 (0800) Spillway crest elevation 1,150.00 ft.	85.134 billion gallons 93.448 billion gallons	91.1%	1,144.41 (elev.ft.)
Neversink Reservoir (N):	Available storage September 25, 2021 (0800) Spillway crest elevation 1,440.00 ft.	34.073 billion gallons 34.682 billion gallons	98.2%	1,438.75 (elev.ft.)
Combined contents, PCN:	Available storage September 25, 2021 (0800) Combined capacity at spillway level	250.657 billion gallons 267.460 billion gallons	93.7%	

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 <sup>1</sup>	Pepacton	Cannonsville	Neversink	Wallen- paupack	Rio Reservoir	Uncon- trolled <sup>2</sup>	Discharge	(inches)	
									Daily	Cumulative
Sep 18	0	698	1,489	190	1,437	694	4,751	9,260	0.02	5.58
19	0	698	1,495	190	1,434	699	3,733	8,250	0.00	5.58
20	0	700	1,502	190	1,439	663	3,086	7,580	0.00	5.58
21	0	699	1,492	190	1,443	682	2,643	7,150	0.00	5.58
22	0	700	1,492	190	1,442	666	2,461	6,950	0.10	5.68
23	0	700	1,430	190	1,440	667	2,654	7,080	2.38	8.06
24	0	699	1,099	190	1,441	722	24,848	29,000	0.00	8.06

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 September 18<sup>th</sup> – September 24<sup>th</sup> 2021 averaged 102.2 MGD.

The average diversion for the 30-day period ending September 24<sup>th</sup> 2021 is 89.1 MGD, the maximum is 107 MD.

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Summary river data for September 25<sup>th</sup> – October 1<sup>st</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
Sep 25	0	453	0	975	0	123	156	0	446	515
26	0	453	0	978	0	123	286	0	446	516
27	0	451	0	972	0	123	312	0	446	519
28	0	451	0	968	0	122	311	0	446	520
29	0	452	0	968	0	123	312	0	446	522
30	0	452	0	967	0	123	313	0	446	524
Oct 1	0	452	0	964	0	123	457	0	446	527

Pepacton Reservoir (P):	Available storage October 2, 2021 (0800) Spillway crest elevation 1,280.00 ft.	130.200 billion gallons 139.320 billion gallons	93.5%	1,274.96 (elev.ft.)
Cannonsville Reservoir (C):	Available storage October 2, 2021 (0800) Spillway crest elevation 1,150.00 ft.	83.577 billion gallons 93.448 billion gallons	89.4%	1,143.33 (elev.ft.)
Neversink Reservoir (N):	Available storage October 2, 2021 (0800) Spillway crest elevation 1,440.00 ft.	31.776 billion gallons 34.682 billion gallons	91.6%	1,433.99 (elev.ft.)
Combined contents, PCN:	Available storage October 2, 2021 (0800) Combined capacity at spillway level	245.553 billion gallons 267.460 billion gallons	91.8%	

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
Sep 25	0	699	1,096	190	1,440	991	17,484	21,900	0.00	8.06
26	0	701	1,210	190	1,441	643	10,315	14,500	0.00	8.06
27	0	701	1,509	190	1,442	746	7,012	11,600	0.02	8.08
28	0	700	1,513	190	1,440	761	5,696	10,300	0.35	8.43
29	0	700	1,503	190	1,442	674	5,791	10,300	0.00	8.43
30	0	698	1,498	189	1,442	636	4,607	9,070	<u>0.00</u>	<u>8.43</u>
Oct 1	0	698	1,498	191	1,442	779	3,812	8,420	0.00	0.00

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 September 25<sup>th</sup> – October 1<sup>st</sup> 2021 averaged 102.6 MGD.

The average diversion for the 30-day period ending October 1<sup>st</sup> 2021 is 91.2 MGD, the maximum is 107 MD.