

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA
 Web address: <http://water.usgs.gov/osw/odrm>
 Summary river data for June 25th – July 1st, 2018 (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-16 to date
June 25	0	87	0	265	0	65	451	200	107	594
26	0	87	0	265	0	65	451	200	21	597
27	0	87	0	265	0	65	451	200	0	599
28	0	87	0	264	0	65	451	34	0	595
29	0	87	0	264	0	65	450	0	0	590
30	0	87	0	346	0	65	450	0	0	585
July 1	0	101	0	464	0	78	450	100	0	584

Pepacton Reservoir (P):	Available storage July 2, 2018 (0800) Spillway crest elevation 1,280.00 ft.	129.720 billion gallons 140.190 billion gallons	93.1%	1,274.69 (elev.ft.)
Cannonsville Reservoir (C):	Available storage July 2, 2018 (0800) Spillway crest elevation 1,150.00 ft.	84.397 billion gallons 95.706 billion gallons	90.3%	1,143.90 (elev.ft.)
Neversink Reservoir (N):	Available storage July 2, 2018 (0800) Spillway crest elevation 1,440.00 ft.	33.228 billion gallons 34.941 billion gallons	95.8%	1,437.02 (elev.ft.)
Combined contents, PCN:	Available storage July 2, 2018 (0800) Combined capacity at spillway level	247.345 billion gallons 270.837 billion gallons	92.5%	
Lake Wallenpaupack:	Available storage July 1, 2018 (0800) Spillway crest elevation 1,190.00 ft.	27.957 billion gallons 35.451 billion gallons	78.9%	1,186.03 (elev.ft.)

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
June 25	0	135	410	101	0	18	1,436	2,100	0.39	2.19
26	0	135	410	101	78	35	1,651	2,410	0.00	2.19
27	0	135	410	101	104	35	1,505	2,290	0.00	2.19
28	184	135	410	101	110	53	1,661	2,470	1.20	3.39
29	0	135	410	101	36	89	2,889	3,660	0.08	3.47
30	0	135	408	101	438	142	2,816	4,040	<u>0.00</u>	<u>3.47</u>
July 1	0	135	408	101	453	167	2,026	3,290	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 70 cfs on the 25, 90 cfs on the 26 and 26, 80 cfs on the 28 and 100 cfs on the 29 - 01 from Rio Reservoir.

Diversions by New Jersey through the D&R Canal June 25th – July 1st, 2018 averaged 95.9 MGD.

The average diversion for the 30-day period ending July 1st 2018 is 95.8 MGD, the maximum is 97 MGD.

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA
 Web address: <http://water.usgs.gov/osw/odrm>
 Summary river data for July 2nd – July 8th, 2018 (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-16 to date
July 2	0	103	0	432	0	78	450	205	0	586
3	0	103	0	398	0	78	449	231	0	589
4	0	103	0	356	0	78	449	230	0	592
5	0	89	0	268	0	66	449	230	0	594
6	0	86	0	268	0	65	450	230	0	597
7	0	86	0	268	0	65	450	230	0	599
8	0	86	0	268	0	65	450	230	0	601

Pepacton Reservoir (P):	Available storage July 9, 2018 (0800) Spillway crest elevation 1,280.00 ft.	126.640 billion gallons 140.190 billion gallons	90.9%	1,272.95 (elev.ft.)
Cannonsville Reservoir (C):	Available storage July 9, 2018 (0800) Spillway crest elevation 1,150.00 ft.	82.348 billion gallons 95.706 billion gallons	88.1%	1,142.47 (elev.ft.)
Neversink Reservoir (N):	Available storage July 9, 2018 (0800) Spillway crest elevation 1,440.00 ft.	32.996 billion gallons 34.941 billion gallons	95.1%	1,436.54 (elev.ft.)
Combined contents, PCN:	Available storage July 9, 2018 (0800) Combined capacity at spillway level	241.984 billion gallons 270.837 billion gallons	90.5%	
Lake Wallenpaupack:	Available storage July 8, 2018 (0800) Spillway crest elevation 1,190.00 ft.	26.315 billion gallons 35.451 billion gallons	74.2%	1,185.09 (elev.ft.)

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 2	0	135	535	101	532	213	1,534	3,050	0.00	0.00
3	0	135	718	121	545	301	1,240	3,060	0.42	0.42
4	0	156	668	121	550	365	960	2,820	0.00	0.42
5	0	159	616	121	486	122	1,236	2,740	0.01	0.43
6	0	159	551	121	273	179	1,077	2,360	0.51	0.94
7	0	159	415	102	386	106	1,082	2,250	0.04	0.98
8	0	138	415	101	206	187	1,153	2,200	0.00	0.98

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 on the 2 - 5, and 70 cfs on the 6 - 8 from Rio Reservoir.
- Diversions by New Jersey through the D&R Canal July 2nd – July 8th, 2018 averaged 97.0 MGD.
 The average diversion for the 30-day period ending July 8th 2018 is 101.0 MGD, the maximum is 105 MGD.

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 Web address: <http://water.usgs.gov/osw/odrm>
 Summary river data for July 9th – July 15th, 2018 (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-16 to date
July 9	0	87	0	267	0	65	450	230	0	603
10	0	87	0	267	0	65	450	230	0	605
11	0	87	0	267	0	65	450	200	0	606
12	0	87	0	266	0	65	450	200	0	607
13	0	87	0	266	0	65	450	100	0	606
14	0	87	0	266	0	65	450	0	0	602
15	0	87	0	305	0	65	450	99	0	601

Pepacton Reservoir (P):	Available storage July 16, 2018 (0800) Spillway crest elevation 1,280.00 ft.	123.490 billion gallons 140.190 billion gallons	88.6%	1,271.14 (elev.ft.)
Cannonsville Reservoir (C):	Available storage July 16, 2018 (0800) Spillway crest elevation 1,150.00 ft.	80.270 billion gallons 95.706 billion gallons	85.9%	1,141.00 (elev.ft.)
Neversink Reservoir (N):	Available storage July 16, 2018 (0800) Spillway crest elevation 1,440.00 ft.	32.740 billion gallons 34.941 billion gallons	94.4%	1,436.01 (elev.ft.)
Combined contents, PCN:	Available storage July 16, 2018 (0800) Combined capacity at spillway level	236.500 billion gallons 270.837 billion gallons	88.4%	
Lake Wallenpaupack:	Available storage July 15, 2018 (0800) Spillway crest elevation 1,190.00 ft.	25.220 billion gallons 35.451 billion gallons	71.1%	1,184.53 (elev.ft.)

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 9	355	133	415	101	133	189	899	1,870	0.00	0.98
10	465	133	415	101	191	33	957	1,830	0.00	0.98
11	420	133	413	101	184	54	985	1,870	0.00	0.98
12	447	135	413	101	188	165	868	1,870	0.00	0.98
13	491	135	413	101	172	268	831	1,920	0.00	0.98
14	259	135	412	101	411	334	787	2,180	0.00	0.98
15	224	135	412	101	308	309	875	2,140	0.75	1.73

1. Release directed to maintain a flow at Montague of 1,750 cfs and Trenton of 3,000 cfs.
 2. Includes conservation release of 70 cfs on the 9 -14, and 60 cfs on the 15 from Rio Reservoir.
- Diversions by New Jersey through the D&R Canal July 9th – July 15th, 2018 averaged 102.7 MGD.
 The average diversion for the 30-day period ending July 15th 2018 is 101.4 MGD, the maximum is 105 MGD.

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 Web address: <http://water.usgs.gov/osw/odrm>
 Summary river data for July 16th – July 22nd, 2018 (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-16 to date
July 16	0	86	0	365	0	64	449	200	0	602
17	0	81	0	246	0	61	450	200	0	603
18	0	81	0	234	0	61	450	200	0	604
19	0	81	0	234	0	61	450	200	0	605
20	0	81	0	234	0	61	450	200	0	606
21	0	81	0	234	0	61	449	200	0	607
22	0	81	0	233	0	61	292	200	0	605

Pepacton Reservoir (P):	Available storage July 23, 2018 (0800) Spillway crest elevation 1,280.00 ft.	120.760 billion gallons 140.190 billion gallons	86.7%	1,269.56 (elev.ft.)
Cannonsville Reservoir (C):	Available storage July 23, 2018 (0800) Spillway crest elevation 1,150.00 ft.	78.398 billion gallons 95.706 billion gallons	83.9%	1,139.66 (elev.ft.)
Neversink Reservoir (N):	Available storage July 23, 2018 (0800) Spillway crest elevation 1,440.00 ft.	32.658 billion gallons 34.941 billion gallons	94.1%	1,435.84 (elev.ft.)
Combined contents, PCN:	Available storage July 23, 2018 (0800) Combined capacity at spillway level	231.816 billion gallons 270.837 billion gallons	86.7%	
Lake Wallenpaupack:	Available storage July 22, 2018 (0800) Spillway crest elevation 1,190.00 ft.	24.307 billion gallons 35.451 billion gallons	68.6%	1,183.96 (elev.ft.)

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 16	0	135	412	101	455	338	719	2,160	0.00	1.73
17	0	135	472	101	384	387	741	2,220	0.00	1.73
18	0	135	565	99	284	358	899	2,340	0.22	1.95
19	0	133	381	94	228	305	739	1,880	0.00	1.95
20	335	125	362	94	249	206	594	1,630	0.00	1.95
21	264	125	362	94	370	255	514	1,720	0.00	1.95
22	537	125	362	94	219	46	624	1,470	0.22	2.17

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 16th – July 22nd, 2018 averaged 92.3 MGD.

The average diversion for the 30-day period ending July 22nd 2018 is 99.2 MGD, the maximum is 104 MGD.

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 Summary river data for July 23rd – July 29th, 2018 (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-16 to date
July 23	0	81	0	233	0	61	58	0	0	594
24	0	81	0	233	6	61	0	0	0	583
25	0	72	0	233	672	61	0	0	0	573
26	0	81	0	234	709	90	0	0	0	562
27	0	99	0	278	195	123	0	0	204	556
28	0	108	0	340	5	123	0	0	258	551
29	0	110	0	355	0	123	1	0	260	546

Pepacton Reservoir (P):	Available storage July 30, 2018 (0800) Spillway crest elevation 1,280.00 ft.	130.340 billion gallons 140.190 billion gallons	93.6%	1,274.04 (elev.ft.)
Cannonsville Reservoir (C):	Available storage July 30, 2018 (0800) Spillway crest elevation 1,150.00 ft.	83.132 billion gallons 95.706 billion gallons	89.0%	1,143.02 (elev.ft.)
Neversink Reservoir (N):	Available storage July 30, 2018 (0800) Spillway crest elevation 1,440.00 ft.	34.340 billion gallons 34.941 billion gallons	99.0%	1,439.29 (elev.ft.)
Combined contents, PCN:	Available storage July 30, 2018 (0800) Combined capacity at spillway level	274.444 billion gallons 270.837 billion gallons	92.5%	
Lake Wallenpaupack:	Available storage July 29, 2018 (0800) Spillway crest elevation 1,190.00 ft.	24.672 billion gallons 35.451 billion gallons	69.6%	1,184.23 (elev.ft.)

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 23	0	125	362	94	189	67	1,633	2,470	1.19	3.36
24	0	125	360	94	205	209	4,507	5,500	1.93	5.29
25	0	125	360	94	1,021	550	8,650	10,800	1.27	6.56
26	0	125	360	94	1,598	411	14,312	16,900	1.12	7.68
27	0	125	360	94	1,603	493	13,625	16,300	0.05	7.73
28	0	111	362	139	795	454	7,539	9,400	0.11	7.84
29	0	125	430	190	605	206	5,234	6,790	0.00	7.84

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 July 23rd – July 29th, 2018 averaged 94.8 MGD.

The average diversion for the 30-day period ending July 29th 2018 is 97.3 MGD, the maximum is 104 MGD.