

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA
 Web address: <http://water.usgs.gov/osw/odrm>
 Summary river data for March 30th – April 5th, 2019 (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
Mar 30	0	65	0	114	220	123	0	479	0	371
31	0	65	0	198	483	123	0	479	0	371
Apr 1	0	65	0	387	400	123	0	479	0	372
2	0	71	0	388	210	123	0	480	0	372
3	0	167	0	410	176	123	0	321	0	372
4	0	194	0	498	168	123	141	299	0	372
5	0	194	0	497	161	123	205	299	0	373

Pepacton Reservoir (P):	Available storage April 6, 2019 (0800) Spillway crest elevation 1,280.00 ft.	138.160 billion gallons 139.320 billion gallons	99.2%	1,279.37 (elev.ft.)
Cannonsville Reservoir (C):	Available storage April 6, 2019 (0800) Spillway crest elevation 1,150.00 ft.	92.424 billion gallons 93.448 billion gallons	98.9%	1,149.33 (elev.ft.)
Neversink Reservoir (N):	Available storage April 6, 2019 (0800) Spillway crest elevation 1,440.00 ft.	34.831 billion gallons 34.692 billion gallons	100.4%	1,440.28 (elev.ft.)
Combined contents, PCN:	Available storage April 6, 2019 (0800) Combined capacity at spillway level	265.415 billion gallons 267.460 billion gallons	99.2%	
Lake Wallenpaupack:	Available storage April 5, 2019 (0800) Spillway crest elevation 1,190.00 ft.	23.395 billion gallons 35.451 billion gallons	66.0%	1,183.53 (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
Mar 30	0	102	176	190	4	53	6,695	7,220	0.20	2.62
31	0	102	176	190	4	72	8,606	9,150	<u>0.01</u>	<u>2.63</u>
Apr 1	0	102	176	190	3	524	10,305	11,300	0.06	0.06
2	0	101	306	190	4	490	8,769	9,860	0.00	0.06
3	0	101	599	190	4	380	6,796	8,070	0.00	0.06
4	0	101	600	190	4	299	5,956	7,150	0.00	0.06
5	0	110	634	190	4	466	5,706	7,110	0.00	0.06

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 March 30th – April 5th, 2019 averaged 98.7 MGD.

The average diversion for the 30-day period ending April 5th 2019 is 93.1 MGD, the maximum is 101 MGD.

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 Summary river data for April 6th – April 12th, 2019 (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
Apr 6	0	241	0	511	176	123	267	299	0	373
7	0	308	0	561	243	123	245	199	0	374
8	0	324	0	543	518	123	390	199	0	374
9	0	290	0	492	597	123	404	199	0	375
10	0	274	0	444	432	123	404	58	0	376
11	0	363	0	467	294	123	128	0	0	375
12	16	442	0	593	264	123	0	0	0	373

Pepacton Reservoir (P):	Available storage April 13, 2019 (0800) Spillway crest elevation 1,280.00 ft.	139.570 billion gallons 139.320 billion gallons	100.2%	1,280.14 (elev.ft.)
Cannonsville Reservoir (C):	Available storage April 13, 2019 (0800) Spillway crest elevation 1,150.00 ft.	93.065 billion gallons 93.448 billion gallons	99.6%	1,149.75 (elev.ft.)
Neversink Reservoir (N):	Available storage April 13, 2019 (0800) Spillway crest elevation 1,440.00 ft.	35.001 billion gallons 34.692 billion gallons	100.9%	1,440.62 (elev.ft.)
Combined contents, PCN:	Available storage April 13, 2019 (0800) Combined capacity at spillway level	267.636 billion gallons 267.460 billion gallons	100.1%	
Lake Wallenpaupack:	Available storage April 12, 2019 (0800) Spillway crest elevation 1,190.00 ft.	24.855 billion gallons 35.451 billion gallons	70.1%	1,184.32 (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
Apr 6	0	258	770	190	4	479	5,379	7,080	0.16	0.22
7	0	300	769	190	4	189	5,658	7,110	0.00	0.22
8	0	300	791	190	4	339	6,116	7,740	0.18	0.40
9	0	373	868	190	4	485	7,160	9,080	0.00	0.40
10	0	476	840	190	4	452	7,628	9,590	0.13	0.53
11	0	501	761	190	4	370	6,834	8,660	0.00	0.53
12	0	449	687	190	465	248	6,321	8,360	0.00	0.53

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 6th – April 12th, 2019 averaged 98.6 MGD.

The average diversion for the 30-day period ending April 12th 2019 is 95.6 MGD, the maximum is 101 MGD.

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA
 Web address: <http://water.usgs.gov/osw/odrm>
 Summary river data for April 13th – April 19th, 2019 (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
Apr 13	185	452	0	784	694	123	0	0	0	372
14	706	319	0	967	653	92	0	0	0	371
15	3,792	23	324	969	1,588	118	497	0	0	371
16	2,815	23	785	972	624	126	498	0	0	372
17	1,576	91	801	972	366	123	498	0	0	372
18	841	437	638	971	281	123	272	0	0	372
19	705	448	578	969	1,385	123	82	0	0	371

Pepacton Reservoir (P):	Available storage April 20, 2019 (0800) Spillway crest elevation 1,280.00 ft.	140.550 billion gallons 139.320 billion gallons	100.9%	1,280.67 (elev.ft.)
Cannonsville Reservoir (C):	Available storage April 20, 2019 (0800) Spillway crest elevation 1,150.00 ft.	95.727 billion gallons 93.448 billion gallons	102.4%	1,151.47 (elev.ft.)
Neversink Reservoir (N):	Available storage April 20, 2019 (0800) Spillway crest elevation 1,440.00 ft.	34.966 billion gallons 34.692 billion gallons	100.8%	1,440.55 (elev.ft.)
Combined contents, PCN:	Available storage April 20, 2019 (0800) Combined capacity at spillway level	271.243 billion gallons 267.460 billion gallons	101.4%	
Lake Wallenpaupack:	Available storage April 19, 2019 (0800) Spillway crest elevation 1,190.00 ft.	25.767 billion gallons 35.451 billion gallons	72.7%	1,184.76 (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
Apr 13	0	424	722	190	1,065	177	8,022	10,600	0.48	1.01
14	0	562	917	190	4	265	11,062	13,000	0.00	1.01
15	0	684	1,213	190	147	157	25,109	27,500	0.94	1.95
16	0	699	1,496	142	1,506	733	31,224	35,800	0.06	2.01
17	0	493	1,499	183	1,642	858	19,925	24,600	0.00	2.01
18	0	36	1,504	195	1,645	851	14,969	19,200	0.00	2.01
19	0	36	1,504	190	1,643	783	12,144	16,300	0.00	2.01

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 13th – April 19th, 2019 averaged 91.6 MGD.

The average diversion for the 30-day period ending April 19th 2019 is 94.8 MGD, the maximum is 100 MGD.

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 Web address: <http://water.usgs.gov/osw/odrm>
 Summary river data for April 20th – April 26th, 2019 (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
Apr 20	1,723	62	1,139	968	1,385	123	0	0	0	369
21	1,782	32	1,305	971	717	123	444	0	0	370
22	1,132	336	1,060	972	432	123	503	0	0	370
23	626	452	788	971	324	123	503	0	0	371
24	281	452	570	970	245	123	503	0	0	371
25	132	452	377	970	180	123	375	0	0	371
26	191	452	292	969	294	123	300	0	0	371

Pepacton Reservoir (P):	Available storage April 27, 2019 (0800) Spillway crest elevation 1,280.00 ft.	139.960 billion gallons 139.320 billion gallons	100.5%	1,280.35 (elev.ft.)
Cannonsville Reservoir (C):	Available storage April 27, 2019 (0800) Spillway crest elevation 1,150.00 ft.	94.745 billion gallons 93.448 billion gallons	101.4%	1,150.84 (elev.ft.)
Neversink Reservoir (N):	Available storage April 27, 2019 (0800) Spillway crest elevation 1,440.00 ft.	34.951 billion gallons 34.692 billion gallons	100.7%	1,440.52 (elev.ft.)
Combined contents, PCN:	Available storage April 27, 2019 (0800) Combined capacity at spillway level	269.656 billion gallons 267.460 billion gallons	100.8%	
Lake Wallenpaupack:	Available storage April 26, 2019 (0800) Spillway crest elevation 1,190.00 ft.	26.132 billion gallons 35.451 billion gallons	73.7%	1,184.98 (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
Apr 20	0	141	1,502	190	1,642	847	15,987	20,300	0.58	2.59
21	0	676	1,499	190	1,635	856	25,844	30,700	0.38	2.97
22	0	693	1,497	190	1,631	853	19,436	24,300	0.04	3.01
23	0	96	1,502	190	837	774	14,801	18,200	0.00	3.01
24	0	50	1,504	190	4	746	12,906	15,400	0.05	3.06
25	0	520	1,502	190	4	852	10,732	13,800	0.00	3.06
26	0	699	1,501	190	435	848	8,627	12,300	0.13	3.19

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 20th – April 26th, 2019 averaged 88.4 MGD.

The average diversion for the 30-day period ending April 26th 2019 is 94.4 MGD, the maximum is 100 MGD.