

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA
 Web address: <http://water.usgs.gov/osw/odrm>
 Summary river data for March 2nd – March 8th, 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 2	0	452	0	756	0	123	304	0	0	372
3	0	451	0	637	0	123	304	0	0	372
4	0	452	0	553	0	123	304	0	0	371
5	0	452	0	481	0	123	304	0	0	371
6	0	452	0	416	0	123	304	0	0	371
7	0	452	0	385	0	123	304	0	0	371
8	0	452	0	386	0	123	305	0	0	370

Pepacton Reservoir (P):	Available storage March 9, 2019 (0800) Spillway crest elevation 1,280.00 ft.	130.930 billion gallons 139.320 billion gallons	94.0%	1,275.37 (elev.ft.)
Cannonsville Reservoir (C):	Available storage March 9, 2019 (0800) Spillway crest elevation 1,150.00 ft.	85.309 billion gallons 93.448 billion gallons	91.3%	1,144.53 (elev.ft.)
Neversink Reservoir (N):	Available storage March 9, 2019 (0800) Spillway crest elevation 1,440.00 ft.	34.354 billion gallons 34.692 billion gallons	99.0%	1,439.32 (elev.ft.)
Combined contents, PCN:	Available storage March 9, 2019 (0800) Combined capacity at spillway level	250.593 billion gallons 267.460 billion gallons	93.7%	
Lake Wallenpaupack:	Available storage March 8, 2019 (0800) Spillway crest elevation 1,190.00 ft.	18.898 billion gallons 35.451 billion gallons	53.3%	1,181.04 (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 2	0	699	1,484	190	4	234	3,179	5,790	0.02	0.03
3	0	699	1,445	190	4	314	2,928	5,580	0.00	0.03
4	0	699	1,170	190	4	491	3,316	5,870	0.03	0.33
5	0	699	985	190	863	721	2,802	6,260	0.00	0.33
6	0	698	855	190	917	807	2,593	6,060	0.00	0.33
7	0	699	744	190	970	660	2,027	5,290	0.00	0.33
8	0	699	644	190	830	589	2,298	5,250	0.00	0.33

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 March 2nd – March 8th, 2019 averaged 90.3 MGD.

The average diversion for the 30-day period ending March 8th 2019 is 90.9 MGD, the maximum is 96 MGD.

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA

Web address: <http://water.usgs.gov/osw/odrm>

Summary river data for March 9th – March 15th, 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 9	0	429	0	384	0	116	292	0	0	370
10	0	452	0	370	0	123	304	0	0	370
11	0	452	0	385	0	123	262	0	0	369
12	0	376	0	387	0	123	304	0	0	369
13	0	322	0	350	0	123	306	0	0	369
14	0	322	0	323	0	123	308	0	0	369
15	0	261	0	297	0	123	308	0	0	368

Pepacton Reservoir (P):	Available storage March 16, 2019 (0800) Spillway crest elevation 1,280.00 ft.	128.550 billion gallons 139.320 billion gallons	92.3%	1,274.03 (elev.ft.)
Cannonsville Reservoir (C):	Available storage March 16, 2019 (0800) Spillway crest elevation 1,150.00 ft.	86.299 billion gallons 93.448 billion gallons	92.3%	1,145.21 (elev.ft.)
Neversink Reservoir (N):	Available storage March 16, 2019 (0800) Spillway crest elevation 1,440.00 ft.	34.270 billion gallons 34.692 billion gallons	98.8%	1,439.15 (elev.ft.)
Combined contents, PCN:	Available storage March 16, 2019 (0800) Combined capacity at spillway level	249.119 billion gallons 267.460 billion gallons	93.1%	
Lake Wallenpaupack:	Available storage March 15, 2019 (0800) Spillway crest elevation 1,190.00 ft.	19.973 billion gallons 35.451 billion gallons	56.3%	1,181.69 (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 9	0	699	596	190	863	142	2,140	4,630	0.00	0.33
10	0	699	597	190	4	84	2,666	4,240	0.40	0.73
11	0	705	594	179	4	139	2,629	4,250	0.42	1.15
12	0	664	572	190	4	289	3,051	4,770	0.00	1.15
13	0	699	596	190	4	392	2,829	4,710	0.00	1.15
14	0	699	599	190	4	206	2,472	4,170	0.00	1.15
15	0	582	541	190	4	104	4,039	5,460	0.01	1.16

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 9th – March 15th, 2019 averaged 88.9 MGD.

The average diversion for the 30-day period ending March 15th 2019 is 90.5 MGD, the maximum is 97 MGD.

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 Web address: <http://water.usgs.gov/osw/odrm>
 Summary river data for March 16th – March 22nd, 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 16	0	184	0	245	0	123	308	0	0	368
17	0	120	0	232	0	123	308	0	0	368
18	0	66	0	219	0	123	227	119	44	368
19	0	65	0	139	0	123	180	181	42	368
20	0	66	0	115	0	123	67	254	0	368
21	0	65	0	114	0	123	0	292	0	368
22	0	65	0	114	0	123	0	421	0	368

Pepacton Reservoir (P):	Available storage March 23, 2019 (0800) Spillway crest elevation 1,280.00 ft.	130.660 billion gallons 139.320 billion gallons	93.8%	1,275.22 (elev.ft.)
Cannonsville Reservoir (C):	Available storage March 23, 2019 (0800) Spillway crest elevation 1,150.00 ft.	89.823 billion gallons 93.448 billion gallons	96.1%	1,147.60 (elev.ft.)
Neversink Reservoir (N):	Available storage March 23, 2019 (0800) Spillway crest elevation 1,440.00 ft.	34.503 billion gallons 34.692 billion gallons	99.5%	1,439.62 (elev.ft.)
Combined contents, PCN:	Available storage March 23, 2019 (0800) Combined capacity at spillway level	254.986 billion gallons 267.460 billion gallons	95.3%	
Lake Wallenpaupack:	Available storage March 22, 2019 (0800) Spillway crest elevation 1,190.00 ft.	22.482 billion gallons 35.451 billion gallons	63.4%	1,183.04 (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 16	0	498	500	190	4	75	9,633	10,900	0.00	1.16
17	0	498	459	190	4	51	8,998	10,200	0.00	1.16
18	0	404	379	190	4	158	7,185	8,320	0.00	1.16
19	0	285	359	190	540	205	5,731	7,310	0.00	1.16
20	0	186	339	190	508	228	4,719	6,170	0.00	1.16
21	0	102	215	190	27	381	4,825	5,740	0.00	1.16
22	0	101	178	190	4	417	9,910	10,800	1.11	2.27

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 16th – March 22nd, 2019 averaged 90.7 MGD.

The average diversion for the 30-day period ending March 22nd 2019 is 90.3 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 March 23rd – March 29th, 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 23	0	65	0	114	0	123	0	472	0	368
24	0	65	0	114	0	123	0	478	0	369
25	0	65	0	114	0	123	0	478	0	369
26	0	65	0	114	0	123	0	478	0	369
27	0	66	0	114	0	123	0	478	0	370
28	0	66	0	114	0	123	0	478	0	370
29	0	66	0	114	32	123	0	478	0	371

Pepacton Reservoir (P):	Available storage March 30, 2019 (0800) Spillway crest elevation 1,280.00 ft.	133.510 billion gallons 139.320 billion gallons	95.8%	1,276.81 (elev.ft.)
Cannonsville Reservoir (C):	Available storage March 30, 2019 (0800) Spillway crest elevation 1,150.00 ft.	90.495 billion gallons 93.448 billion gallons	96.8%	1,148.05 (elev.ft.)
Neversink Reservoir (N):	Available storage March 30, 2019 (0800) Spillway crest elevation 1,440.00 ft.	34.796 billion gallons 34.692 billion gallons	100.3%	1,440.21 (elev.ft.)
Combined contents, PCN:	Available storage March 30, 2019 (0800) Combined capacity at spillway level	258.801 billion gallons 267.460 billion gallons	96.8%	
Lake Wallenpaupack:	Available storage March 29, 2019 (0800) Spillway crest elevation 1,190.00 ft.	20.690 billion gallons 35.451 billion gallons	58.4%	1,182.02 (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 23	0	102	176	190	885	416	14,531	16,300	0.14	2.41
24	0	101	176	190	1,110	195	10,328	12,100	0.00	2.41
25	0	101	176	190	1,190	350	8,593	10,600	0.00	2.41
26	0	101	176	190	1,529	424	7,680	10,100	0.00	2.41
27	0	101	176	190	1,623	407	6,673	9,170	0.00	2.41
28	0	101	176	190	1,625	142	5,856	8,090	0.00	2.41
29	0	101	176	190	1,117	224	4,902	6,710	0.01	2.42

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 23rd – March 29th, 2019 averaged 94.3 MGD.

The average diversion for the 30-day period ending March 29th 2019 is 91.3 MGD, the maximum is 98 MGD.