

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA
 Web address: <http://water.usgs.gov/osw/odrm>
 Summary river data for January 26th – February 1st, 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
Jan 26	589	452	0	978	298	123	0	0	0	377
27	736	452	0	974	169	123	40	0	0	375
28	459	452	0	961	119	122	448	0	0	376
29	212	442	0	962	101	123	447	0	0	376
30	44	454	0	966	82	123	447	0	0	376
31	0	452	0	965	46	123	448	0	0	376
Feb 1	0	452	0	961	29	123	447	0	0	383

Pepacton Reservoir (P):	Available storage February 2, 2019 (0800) Spillway crest elevation 1,280.00 ft.	138.510 billion gallons 139.320 billion gallons	99.4%	1,279.56 (elev.ft.)
Cannonsville Reservoir (C):	Available storage February 2, 2019 (0800) Spillway crest elevation 1,150.00 ft.	87.941 billion gallons 93.448 billion gallons	94.1%	1,146.33 (elev.ft.)
Neversink Reservoir (N):	Available storage February 2, 2019 (0800) Spillway crest elevation 1,440.00 ft.	34.731 billion gallons 34.692 billion gallons	100.1%	1,440.08 (elev.ft.)
Combined contents, PCN:	Available storage February 2, 2019 (0800) Combined capacity at spillway level	261.182 billion gallons 267.460 billion gallons	97.7%	
Lake Wallenpaupack:	Available storage February 1, 2019 (0800) Spillway crest elevation 1,190.00 ft.	20.869 billion gallons 35.451 billion gallons	58.9%	1,181.12 (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
Jan 26	0	699	1,499	113	1,625	859	17,605	22,400	0.00	2.92
27	0	699	1,511	190	1,626	631	12,143	16,800	0.00	2.92
28	0	699	1,513	190	1,535	492	9,471	13,900	0.02	2.94
29	0	699	1,507	190	764	491	8,749	12,400	0.01	2.95
30	0	699	1,487	189	1,626	705	7,794	12,500	0.26	3.21
31	0	699	1,488	190	1,625	861	6,637	11,500	<u>0.01</u>	<u>3.22</u>
1	0	684	1,494	190	1,620	866	4,786	9,640	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 120 cfs from Rio Reservoir.

Diversions by New Jersey through the D&R Canal January 26th – February 1st, 2019 averaged 92.6 MGD.

The average diversion for the 30-day period ending February 1st 2019 is 88.9 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 February 2nd – February 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
Feb 2	0	452	0	965	24	123	447	0	0	383
3	0	452	0	967	32	123	447	0	0	383
4	0	451	0	967	35	123	447	0	0	384
5	0	452	0	963	66	123	447	0	0	384
6	0	452	0	963	93	123	280	0	0	383
7	0	452	0	965	177	123	199	0	0	383
8	146	452	0	967	499	123	199	0	0	382

Pepacton Reservoir (P):	Available storage February 9, 2019 (0800) Spillway crest elevation 1,280.00 ft.	140.140 billion gallons 139.320 billion gallons	100.6%	1,280.45 (elev.ft.)
Cannonsville Reservoir (C):	Available storage February 9, 2019 (0800) Spillway crest elevation 1,150.00 ft.	91.350 billion gallons 93.448 billion gallons	97.8%	1,148.62 (elev.ft.)
Neversink Reservoir (N):	Available storage February 9, 2019 (0800) Spillway crest elevation 1,440.00 ft.	34.971 billion gallons 34.692 billion gallons	100.8%	1,440.56 (elev.ft.)
Combined contents, PCN:	Available storage February 9, 2019 (0800) Combined capacity at spillway level	266.461 billion gallons 267.460 billion gallons	99.6%	
Lake Wallenpaupack:	Available storage February 8, 2019 (0800) Spillway crest elevation 1,190.00 ft.	22.847 billion gallons 35.451 billion gallons	64.4%	1,183.24 (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
Feb 2	0	702	1,493	190	1,618	650	3,787	8,440	0.00	0.00
3	0	699	1,487	190	96	396	4,702	7,570	0.00	0.00
4	0	699	1,493	190	0	322	4,796	7,500	0.00	0.00
5	0	699	1,496	190	4	369	4,942	7,700	0.01	0.01
6	0	699	1,496	190	4	494	7,317	10,200	0.00	0.01
7	0	698	1,490	190	4	605	9,513	12,500	0.40	0.41
8	0	699	1,490	190	4	563	15,854	18,800	0.53	0.94

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 February 2nd – February 8th, 2019 averaged 92.7 MGD.

The average diversion for the 30-day period ending February 8th 2019 is 89.4 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 February 9th – February 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
Feb 9	594	452	0	969	393	123	199	0	0	381
10	627	452	0	977	236	123	199	0	0	380
11	497	452	0	967	171	123	199	0	0	379
12	336	452	3	966	160	123	199	0	0	378
13	206	452	7	967	100	123	199	0	0	378
14	113	452	0	964	82	123	200	0	0	377
15	41	452	0	968	73	123	298	0	0	377

Pepacton Reservoir (P):	Available storage February 16, 2019 (0800) Spillway crest elevation 1,280.00 ft.	139.430 billion gallons 139.320 billion gallons	100.1%	1,280.04 (elev.ft.)
Cannonsville Reservoir (C):	Available storage February 16, 2019 (0800) Spillway crest elevation 1,150.00 ft.	93.135 billion gallons 93.448 billion gallons	99.7%	1,149.79 (elev.ft.)
Neversink Reservoir (N):	Available storage February 16, 2019 (0800) Spillway crest elevation 1,440.00 ft.	34.779 billion gallons 34.692 billion gallons	100.3%	1,440.16 (elev.ft.)
Combined contents, PCN:	Available storage February 16, 2019 (0800) Combined capacity at spillway level	267.344 billion gallons 267.460 billion gallons	100.0%	
Lake Wallenpaupack:	Available storage February 15, 2019 (0800) Spillway crest elevation 1,190.00 ft.	22.665 billion gallons 35.451 billion gallons	63.9%	1,183.12 (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
Feb 9	0	699	1,493	190	4	583	21,231	24,200	0.01	0.95
10	0	699	1,496	190	4	875	14,136	17,400	0.00	0.95
11	0	699	1,499	190	4	880	11,328	14,600	0.00	0.95
12	0	699	1,511	190	652	887	9,661	13,600	0.00	0.95
13	0	699	1,496	190	1,110	880	7,925	12,300	0.47	1.42
14	0	699	1,494	190	1,099	882	6,936	11,300	0.00	1.42
15	0	699	1,496	190	1,109	884	5,922	10,300	0.00	1.42

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 February 9th – February 15th, 2019 averaged 90.2 MGD.

The average diversion for the 30-day period ending February 15th 2019 is 88.7 MGD, the maximum is 96 MGD.

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 Web address: <http://water.usgs.gov/osw/odrm>
 Summary river data for February 16th – February 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
Feb 16	15	452	0	965	66	123	298	0	0	376
17	0	452	0	965	54	123	298	0	0	376
18	0	452	0	972	62	123	298	0	0	376
19	0	452	0	975	40	123	286	0	0	375
20	0	451	0	971	18	123	295	0	0	375
21	0	452	0	970	29	123	303	0	0	374
22	0	452	0	968	26	123	304	0	0	374

Pepacton Reservoir (P):	Available storage February 23, 2019 (0800) Spillway crest elevation 1,280.00 ft.	137.260 billion gallons 139.320 billion gallons	98.5%	1,278.88 (elev.ft.)
Cannonsville Reservoir (C):	Available storage February 23, 2019 (0800) Spillway crest elevation 1,150.00 ft.	90.077 billion gallons 93.448 billion gallons	96.4%	1,147.77 (elev.ft.)
Neversink Reservoir (N):	Available storage February 23, 2019 (0800) Spillway crest elevation 1,440.00 ft.	34.721 billion gallons 34.692 billion gallons	100.1%	1,440.06 (elev.ft.)
Combined contents, PCN:	Available storage February 23, 2019 (0800) Combined capacity at spillway level	262.058 billion gallons 267.460 billion gallons	98.0%	
Lake Wallenpaupack:	Available storage February 22, 2019 (0800) Spillway crest elevation 1,190.00 ft.	21.765 billion gallons 35.451 billion gallons	61.4%	1,182.66 (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
Feb 16	0	699	1,491	190	1,141	690	5,449	9,660	0.00	1.42
17	0	699	1,497	190	240	295	4,995	7,910	0.00	1.42
18	0	699	1,493	190	0	571	5,109	8,060	0.13	1.55
19	0	699	1,493	190	932	633	4,135	8,080	0.01	1.56
20	0	699	1,504	190	859	661	4,579	7,620	0.00	1.56
21	0	699	1,508	190	885	468	3,777	7,510	0.36	1.92
22	0	699	1,502	190	884	439	3,877	7,580	0.00	1.92

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 February 16th – February 22nd, 2019 averaged 91.8 MGD.

The average diversion for the 30-day period ending February 22nd 2019 is 90.4 MGD, the maximum is 96 MGD.

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 Summary river data for February 23rd – March 1st, 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
Feb 23	0	452	0	963	14	123	305	0	0	374
24	0	450	0	970	49	123	304	0	0	374
25	0	454	0	972	68	123	305	0	0	373
26	0	452	0	970	34	123	305	0	0	373
27	0	452	0	961	5	123	305	0	0	373
28	0	452	0	959	0	123	305	0	0	372
Mar 1	0	452	0	934	0	123	305	0	0	372

Pepacton Reservoir (P):	Available storage March 2, 2019 (0800) Spillway crest elevation 1,280.00 ft.	134.470 billion gallons 139.320 billion gallons	96.5%	1,277.34 (elev.ft.)
Cannonsville Reservoir (C):	Available storage March 2, 2019 (0800) Spillway crest elevation 1,150.00 ft.	86.664 billion gallons 93.448 billion gallons	92.7%	1,145.46 (elev.ft.)
Neversink Reservoir (N):	Available storage March 2, 2019 (0800) Spillway crest elevation 1,440.00 ft.	34.647 billion gallons 34.692 billion gallons	99.9%	1,439.91 (elev.ft.)
Combined contents, PCN:	Available storage March 2, 2019 (0800) Combined capacity at spillway level	255.781 billion gallons 267.460 billion gallons	95.6%	
Lake Wallenpaupack:	Available storage March 1, 2019 (0800) Spillway crest elevation 1,190.00 ft.	20.332 billion gallons 35.451 billion gallons	54.7%	1,181.80 (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
Feb 23	0	698	1,501	190	4	415	3,882	6,690	0.00	1.92
24	0	699	1,497	190	4	266	3,834	6,490	0.16	2.08
25	0	699	1,490	190	4	337	5,330	8,050	0.80	2.88
26	0	699	1,501	190	592	641	5,417	9,040	0.00	2.88
27	0	696	1,504	190	1,622	771	3,627	8,410	0.00	2.88
28	0	702	1,501	190	1,623	710	3,194	7,920	<u>0.05</u>	<u>2.93</u>
Mar 1	0	699	1,487	190	1,448	266	2,640	6,730	0.01	0.01

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 February 23rd – March 1st, 2019 averaged 91.9 MGD.

The average diversion for the 30-day period ending March 1st 2019 is 91.8 MGD, the maximum is 96 MGD.