

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA
 Web address: <http://water.usgs.gov/osw/odrm>
 Summary river data for April 27th – May 3rd, 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 27	326	453	436	970	390	123	412	0	0	371
28	231	453	439	970	309	123	504	0	0	371
29	160	452	382	970	240	123	366	0	0	371
30	147	452	308	970	210	123	366	0	0	371
May 1	42	451	228	970	178	123	434	0	0	372
2	7	451	136	969	165	123	434	0	0	372
3	0	452	87	968	163	123	434	0	0	372

Pepacton Reservoir (P):	Available storage May 4, 2019 (0800) Spillway crest elevation 1,280.00 ft.	139.350 billion gallons 139.320 billion gallons	100.0%	1,280.02 (elev.ft.)
Cannonsville Reservoir (C):	Available storage May 4, 2019 (0800) Spillway crest elevation 1,150.00 ft.	93.940 billion gallons 93.448 billion gallons	100.5%	1,150.32 (elev.ft.)
Neversink Reservoir (N):	Available storage May 4, 2019 (0800) Spillway crest elevation 1,440.00 ft.	34.836 billion gallons 34.692 billion gallons	100.4%	1,440.29 (elev.ft.)
Combined contents, PCN:	Available storage May 4, 2019 (0800) Combined capacity at spillway level	268.126 billion gallons 267.460 billion gallons	100.2%	
Lake Wallenpaupack:	Available storage May 3, 2019 (0800) Spillway crest elevation 1,190.00 ft.	27.957 billion gallons 35.451 billion gallons	78.9%	1,185.98 (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 27	0	699	1,501	190	742	833	15,835	19,800	0.51	3.70
28	0	699	1,499	190	744	853	15,115	19,100	0.01	3.71
29	0	699	1,501	190	742	1,070	12,198	16,400	0.09	3.80
30	0	701	1,501	190	239	856	10,313	13,800	<u>0.09</u>	<u>3.89</u>
May 1	0	701	1,501	190	4	1,075	9,129	12,600	0.04	0.04
2	0	699	1,501	190	11	1,075	7,824	11,300	0.00	0.04
3	0	699	1,501	190	319	861	7,330	10,900	0.00	0.04

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 April 27, 28 and 29, 115 cfs on April 30 through May 3 from Rio Reservoir.
 Diversions by New Jersey through the D&R Canal April 27th – May 3rd, 2019 averaged 93.4 MGD.
 The average diversion for the 30-day period ending May 3rd 2019 is 93.2 MGD, the maximum is 100 MGD.

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 Web address: <http://water.usgs.gov/osw/odrm>
 Summary river data for May 4th – May 10th, 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
May 4	20	452	90	968	173	123	434	0	0	372
5	34	452	89	969	210	123	434	0	0	372
6	3	452	68	969	209	123	435	0	0	373
7	0	452	27	968	188	123	435	192	0	373
8	0	452	0	968	100	123	431	199	0	374
9	0	452	0	967	79	123	431	107	0	375
10	0	452	0	967	79	123	426	0	0	375

Pepacton Reservoir (P):	Available storage May 11, 2019 (0800) Spillway crest elevation 1,280.00 ft.	138.360 billion gallons 139.320 billion gallons	99.3%	1,279.48 (elev.ft.)
Cannonsville Reservoir (C):	Available storage May 11, 2019 (0800) Spillway crest elevation 1,150.00 ft.	92.394 billion gallons 93.448 billion gallons	98.9%	1,149.31 (elev.ft.)
Neversink Reservoir (N):	Available storage May 11, 2019 (0800) Spillway crest elevation 1,440.00 ft.	34.786 billion gallons 34.692 billion gallons	100.3%	1,440.19 (elev.ft.)
Combined contents, PCN:	Available storage May 11, 2019 (0800) Combined capacity at spillway level	265.540 billion gallons 267.460 billion gallons	99.3%	
Lake Wallenpaupack:	Available storage May 10, 2019 (0800) Spillway crest elevation 1,190.00 ft.	29.257 billion gallons 35.451 billion gallons	82.5%	1,186.68 (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
May 4	0	698	1,499	190	454	1,075	6,684	10,600	0.26	0.30
5	0	698	1,497	190	4	857	8,854	12,100	0.14	0.44
6	0	699	1,497	190	4	856	11,254	14,500	0.07	0.51
7	0	699	1,499	190	689	856	9,367	13,300	0.01	0.52
8	0	699	1,499	190	1,311	617	7,784	12,100	0.02	0.54
9	0	699	1,497	190	1,019	501	5,784	9,780	0.00	0.54
10	0	699	1,497	190	382	467	5,915	9,150	0.02	0.56

1. Release directed to maintain a flow at Montague of 1,750 cfs and Trenton of 3,000 cfs.

2. Includes conservation release of 115 cfs from Rio Reservoir.

Diversions by New Jersey through the D&R Canal May 4th – May 10th, 2019 averaged 90.3 MGD.

The average diversion for the 30-day period ending May 10th 2019 is 91.4 MGD, the maximum is 100 MGD.

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

Summary river data for May 11th – May 17th, 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
May 11	0	452	0	966	84	123	431	0	0	375
12	0	452	0	966	176	123	431	0	0	375
13	0	452	0	966	328	123	431	0	0	375
14	18	452	14	969	389	123	431	0	0	376
15	147	452	135	971	263	123	432	99	0	376
16	216	452	237	972	47	123	432	0	297	377
17	196	452	256	972	32	123	432	0	0	377

Pepacton Reservoir (P):	Available storage May 18, 2019 (0800) Spillway crest elevation 1,280.00 ft.	139.760 billion gallons 139.320 billion gallons	100.3%	1,280.24 (elev.ft.)
Cannonsville Reservoir (C):	Available storage May 18, 2019 (0800) Spillway crest elevation 1,150.00 ft.	94.466 billion gallons 93.448 billion gallons	101.1%	1,150.66 (elev.ft.)
Neversink Reservoir (N):	Available storage May 18, 2019 (0800) Spillway crest elevation 1,440.00 ft.	34.771 billion gallons 34.692 billion gallons	100.2%	1,440.16 (elev.ft.)
Combined contents, PCN:	Available storage May 18, 2019 (0800) Combined capacity at spillway level	268.997 billion gallons 267.460 billion gallons	100.6%	
Lake Wallenpaupack:	Available storage May 17, 2019 (0800) Spillway crest elevation 1,190.00 ft.	30.557 billion gallons 35.451 billion gallons	86.2%	1,187.38 (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
May 11	0	699	1,496	190	624	621	5,520	9,150	0.05	0.61
12	0	699	1,496	190	4	694	6,407	9,490	0.06	0.67
13	0	699	1,494	190	138	693	14,586	17,800	0.50	1.17
14	0	699	1,494	190	1,631	777	21,609	26,400	0.43	1.60
15	0	699	1,494	190	1,657	523	18,937	23,500	0.07	1.67
16	0	699	1,499	190	1,658	306	14,248	18,600	0.02	1.69
17	0	699	1,502	190	1,660	260	11,489	15,800	0.00	1.69

1. Release directed to maintain a flow at Montague of 1,750 cfs and Trenton of 3,000 cfs.

2. Includes conservation release of 115 cfs from Rio Reservoir.

Diversions by New Jersey through the D&R Canal May 11th – May 17th, 2019 averaged 82.9 MGD.

The average diversion for the 30-day period ending May 17th 2019 is 89.2 MGD, the maximum is 98 MGD.

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 Summary river data for May 18th – May 24th, 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
May 18	119	452	207	972	83	123	428	0	0	378
19	45	452	144	971	115	123	432	0	0	378
20	32	452	414	972	177	123	432	0	0	378
21	4	452	445	971	117	123	511	0	0	378
22	0	452	322	968	99	123	588	0	0	379
23	0	382	204	968	108	123	592	0	0	380
24	0	260	88	518	89	123	304	299	0	380

Pepacton Reservoir (P):	Available storage May 25, 2019 (0800) Spillway crest elevation 1,280.00 ft.	138.070 billion gallons 139.320 billion gallons	99.1%	1,279.32 (elev.ft.)
Cannonsville Reservoir (C):	Available storage May 25, 2019 (0800) Spillway crest elevation 1,150.00 ft.	93.817 billion gallons 93.448 billion gallons	100.4%	1,150.24 (elev.ft.)
Neversink Reservoir (N):	Available storage May 25, 2019 (0800) Spillway crest elevation 1,440.00 ft.	34.781 billion gallons 34.692 billion gallons	100.3%	1,440.18 (elev.ft.)
Combined contents, PCN:	Available storage May 25, 2019 (0800) Combined capacity at spillway level	266.668 billion gallons 267.460 billion gallons	99.7%	
Lake Wallenpaupack:	Available storage May 24, 2019 (0800) Spillway crest elevation 1,190.00 ft.	29.443 billion gallons 35.451 billion gallons	83.1%	1,186.76 (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
May 18	0	699	1,504	190	1,658	245	10,004	14,300	0.07	1.76
19	0	699	1,504	190	1,619	149	7,839	12,000	0.00	1.76
20	0	699	1,504	190	628	121	7,858	11,000	0.39	2.15
21	0	699	1,502	190	559	237	8,513	11,700	0.01	2.16
22	0	699	1,504	190	536	204	6,817	9,950	0.00	2.16
23	0	699	1,502	190	514	200	5,755	8,860	0.12	2.28
24	0	699	1,497	190	748	146	6,150	9,430	0.09	2.37

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 May 18th – May 24th, 2019 averaged 96.9 MGD.

The average diversion for the 30-day period ending May 24th 2019 is 91.1 MGD, the maximum is 99 MGD.

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 Summary river data for May 25th – May 31th, 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
May 25	0	161	39	566	80	123	298	299	0	381
26	0	153	41	371	74	123	302	299	0	382
27	0	153	30	366	56	123	302	299	0	382
28	0	152	20	390	90	123	302	89	0	382
29	0	148	28	498	103	123	302	0	0	382
30	0	101	36	418	121	123	302	0	0	382
31	0	97	50	323	81	123	296	173	0	382

Pepacton Reservoir (P):	Available storage June 1, 2019 (0800) Spillway crest elevation 1,280.00 ft.	137.830 billion gallons 139.320 billion gallons	98.9%	1,279.19 (elev.ft.)
Cannonsville Reservoir (C):	Available storage June 1, 2019 (0800) Spillway crest elevation 1,150.00 ft.	93.756 billion gallons 93.448 billion gallons	100.3%	1,150.20 (elev.ft.)
Neversink Reservoir (N):	Available storage June 1, 2019 (0800) Spillway crest elevation 1,440.00 ft.	34.761 billion gallons 34.692 billion gallons	100.2%	1,440.14 (elev.ft.)
Combined contents, PCN:	Available storage June 1, 2019 (0800) Combined capacity at spillway level	266.347 billion gallons 267.460 billion gallons	99.6%	
Lake Wallenpaupack:	Available storage May 31, 2019 (0800) Spillway crest elevation 1,190.00 ft.	30.000 billion gallons 35.451 billion gallons	84.6%	1,187.09 (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
May 25	0	699	1,497	190	945	125	4,044	7,500	0.00	2.37
26	0	591	801	190	3	280	4,345	6,210	0.15	2.52
27	0	402	876	190	4	160	4,738	6,370	0.00	2.52
28	0	249	574	190	4	271	4,302	5,590	0.01	2.53
29	0	237	566	190	212	175	5,700	7,080	0.33	2.86
30	0	237	603	190	1,039	247	11,984	14,300	0.21	3.07
31	0	235	770	190	1,634	735	8,636	12,200	0.14	3.22

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 May 25th – May 31th, 2019 averaged 91.6 MGD.

The average diversion for the 30-day period ending May 31th 2019 is 90.8 MGD, the maximum is 99 MGD.