

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA  
 Web address: <http://water.usgs.gov/osw/odrm>  
 Summary river data for March 26<sup>th</sup> – April 1<sup>st</sup>, 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
Mar 26	0	150	0	353	0	48	449	200	0	571
27	0	150	0	466	0	48	451	201	0	571
28	0	150	0	798	0	48	450	201	0	571
29	0	150	0	793	0	48	451	201	0	572
30	0	77	0	731	0	48	450	34	0	571
31	0	65	0	280	0	48	450	0	0	571
Apr 1	0	65	0	244	0	48	451	0	0	571

Pepacton Reservoir (P):	Available storage April 2, 2018 (0800) Spillway crest elevation 1,280.00 ft.	132.773 billion gallons 140.190 billion gallons	94.7%	1,275.92 (elev.ft.)
Cannonsville Reservoir (C):	Available storage April 2, 2018 (0800) Spillway crest elevation 1,150.00 ft.	94.261 billion gallons 95.706 billion gallons	98.5%	1,149.05 (elev.ft.)
Neversink Reservoir (N):	Available storage April 2, 2018 (0800) Spillway crest elevation 1,440.00 ft.	32.496 billion gallons 34.941 billion gallons	93.0%	1,434.95 (elev.ft.)
Combined contents, PCN:	Available storage April 2, 2018 (0800) Combined capacity at spillway level	259.530 billion gallons 270.837 billion gallons	95.8%	
Lake Wallenpaupack:	Available storage April 1, 2018 (0800) Spillway crest elevation 1,190.00 ft.	22.124 billion gallons 35.451 billion gallons	62.4%	1,182.83 (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 <sup>1</sup>	Pepacton	Cannonsville	Neversink	Wallen- paupack	Rio Reservoir	Uncon- trolled <sup>2</sup>	Discharge	(inches)	
									Daily	Cumulative
Mar 26	0	232	543	74	0	142	3,479	4,470	0.00	2.43
27	0	232	551	74	851	177	3,195	5,080	0.00	2.43
28	0	234	546	74	834	0	3,542	5,230	0.23	2.66
29	0	232	721	74	849	71	5,143	7,090	0.00	2.66
30	0	232	1,235	74	361	89	6,779	8,770	0.12	2.78
31	0	232	1,227	74	0	266	12,001	3,800	<u>0.01</u>	<u>2.79</u>
Apr 1	0	232	1,131	74	0	0	10,263	11,700	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 100 cfs from Rio Reservoir.

Diversions by New Jersey through the D&R Canal March 26<sup>th</sup> – April 1<sup>st</sup>, 2018 averaged 92.9 MGD.

The average diversion for the 30-day period ending April 1<sup>st</sup> 2018 is 94.6 MGD, the maximum is 100 MGD.

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA  
 Web address: <http://water.usgs.gov/osw/odrm>  
 Summary river data for April 2<sup>nd</sup> – April 8<sup>th</sup>, 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
Apr 2	0	65	0	304	0	48	451	0	199	571
3	0	65	37	508	0	48	451	0	109	571
4	0	65	254	920	0	48	450	182	0	571
5	0	65	447	967	0	48	451	118	0	571
6	0	101	552	968	0	48	451	0	0	571
7	0	124	602	967	0	48	451	0	0	570
8	0	124	513	966	0	48	451	0	0	570

Pepacton Reservoir (P):	Available storage April 9, 2018 (0800) Spillway crest elevation 1,280.00 ft.	138.058 billion gallons 140.190 billion gallons	98.5%	1,278.84 (elev.ft.)
Cannonsville Reservoir (C):	Available storage April 9, 2018 (0800) Spillway crest elevation 1,150.00 ft.	97.251 billion gallons 95.706 billion gallons	101.6%	1,150.96 (elev.ft.)
Neversink Reservoir (N):	Available storage April 9, 2018 (0800) Spillway crest elevation 1,440.00 ft.	33.736 billion gallons 34.941 billion gallons	96.6%	1,437.54 (elev.ft.)
Combined contents, PCN:	Available storage April 9, 2018 (0800) Combined capacity at spillway level	296.045 billion gallons 270.837 billion gallons	99.3%	
Lake Wallenpaupack:	Available storage April 8, 2018 (0800) Spillway crest elevation 1,190.00 ft.	24.307 billion gallons 35.451 billion gallons	68.6%	1,184.05 (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 <sup>1</sup>	Pepacton	Cannonsville	Neversink	Wallen- paupack	Rio Reservoir	Uncon- trolled <sup>2</sup>	Discharge	(inches)	
									Daily	Cumulative
Apr 2	0	119	433	74	0	337	9,837	10,800	0.11	0.11
3	0	101	377	74	0	567	9,781	10,900	0.08	0.19
4	0	101	470	74	316	567	12,472	14,000	0.50	0.69
5	0	101	786	74	572	603	13,764	15,900	0.07	0.76
6	0	101	1,423	74	1,417	603	10,682	14,300	0.00	0.76
7	0	101	1,496	74	1,299	603	8,627	12,200	0.32	1.08
8	0	101	1,497	74	0	603	8,725	11,000	0.00	1.08

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 2<sup>nd</sup> – April 8<sup>th</sup>, 2018 averaged 95.3 MGD.

The average diversion for the 30-day period ending April 8<sup>th</sup> 2018 is 94.7 MGD, the maximum is 100 MGD.

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA  
 Web address: <http://water.usgs.gov/osw/odrm>  
 Summary river data for April 9<sup>th</sup> – April 15<sup>th</sup>, 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
Apr 9	0	124	376	966	0	48	451	0	226	570
10	0	124	234	966	0	48	450	180	0	570
11	0	125	96	960	0	48	450	219	0	571
12	0	125	30	960	0	48	450	0	0	570
13	0	124	14	963	0	48	450	0	0	570
14	0	124	2	971	0	48	450	0	0	570
15	2	130	0	975	0	53	152	0	0	568

Pepacton Reservoir (P):	Available storage April 16, 2018 (0800) Spillway crest elevation 1,280.00 ft.	140.301 billion gallons 140.190 billion gallons	100.1%	1,280.06 (elev.ft.)
Cannonsville Reservoir (C):	Available storage April 16, 2018 (0800) Spillway crest elevation 1,150.00 ft.	95.615 billion gallons 95.706 billion gallons	99.9%	1,149.94 (elev.ft.)
Neversink Reservoir (N):	Available storage April 16, 2018 (0800) Spillway crest elevation 1,440.00 ft.	34.818 billion gallons 34.941 billion gallons	99.6%	1,439.75 (elev.ft.)
Combined contents, PCN:	Available storage April 16, 2018 (0800) Combined capacity at spillway level	270.734 billion gallons 270.837 billion gallons	100.0%	
Lake Wallenpaupack:	Available storage April 15, 2018 (0800) Spillway crest elevation 1,190.00 ft.	25.402 billion gallons 35.451 billion gallons	71.7%	1,184.59 (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 <sup>1</sup>	Pepacton	Cannonsville	Neversink	Wallen- paupack	Rio Reservoir	Uncon- trolled <sup>2</sup>	Discharge	(inches)	
									Daily	Cumulative
Apr 9	0	156	1,496	74	0	603	7,871	10,200	0.00	1.08
10	0	192	1,494	74	767	603	6,300	9,430	0.00	1.08
11	0	192	1,494	74	753	603	5,424	8,540	0.00	1.08
12	0	192	1,494	74	276	550	4,604	7,190	0.00	1.08
13	0	192	1,485	74	0	496	4,483	6,730	0.11	1.19
14	0	193	1,485	74	0	408	4,300	6,460	0.01	1.20
15	0	193	1,490	74	0	301	4,612	6,670	0.00	1.20

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 9<sup>th</sup> – April 15<sup>th</sup>, 2018 averaged 94.9 MGD.

The average diversion for the 30-day period ending April 15<sup>th</sup> 2018 is 94.2 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 April 16<sup>th</sup> – April 22<sup>nd</sup>, 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
Apr 16	646	144	29	972	474	71	0	0	0	567
17	1,628	35	260	930	574	78	380	0	82	566
18	1,158	187	515	546	280	71	451	0	76	566
19	772	436	763	214	199	71	450	0	78	566
20	413	450	901	146	117	71	451	0	115	566
21	203	450	664	796	174	71	450	0	0	566
22	72	450	391	965	181	71	450	0	0	565

Pepacton Reservoir (P):	Available storage April 23, 2018 (0800) Spillway crest elevation 1,280.00 ft.	140.320 billion gallons 140.190 billion gallons	100.1%	1,280.07 (elev.ft.)
Cannonsville Reservoir (C):	Available storage April 23, 2018 (0800) Spillway crest elevation 1,150.00 ft.	96.881 billion gallons 95.706 billion gallons	101.2%	1,150.73 (elev.ft.)
Neversink Reservoir (N):	Available storage April 23, 2018 (0800) Spillway crest elevation 1,440.00 ft.	35.090 billion gallons 34.941 billion gallons	100.4%	1,440.30 (elev.ft.)
Combined contents, PCN:	Available storage April 23, 2018 (0800) Combined capacity at spillway level	272.291 billion gallons 270.837 billion gallons	100.5%	
Lake Wallenpaupack:	Available storage April 22, 2018 (0800) Spillway crest elevation 1,190.00 ft.	27.957 billion gallons 35.451 billion gallons	78.9%	1,186.04 (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 <sup>1</sup>	Pepacton	Cannonsville	Neversink	Wallen- paupack	Rio Reservoir	Uncon- trolled <sup>2</sup>	Discharge	(inches)	
									Daily	Cumulative
Apr 16	0	192	1,502	74	0	461	6,901	9,130	0.13	1.33
17	0	192	1,508	82	829	585	15,404	18,600	0.96	2.29
18	0	201	1,504	110	824	621	14,940	18,200	0.05	2.34
19	0	223	1,439	121	1,139	603	11,875	15,400	0.06	2.40
20	0	54	845	110	1,154	603	10,234	13,000	0.03	2.43
21	0	298	331	110	0	603	9,567	10,900	0.00	2.43
22	0	674	226	110	0	426	8,764	10,200	0.00	2.43

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 16<sup>th</sup> – April 22<sup>nd</sup>, 2018 averaged 81.6 MGD.

The average diversion for the 30-day period ending April 22<sup>nd</sup> 2018 is 91.2 MGD, the maximum is 96 MGD.

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 Web address: <http://water.usgs.gov/osw/odrm>  
 Summary river data for April 23<sup>rd</sup> – April 29<sup>th</sup>, 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
Apr 23	9	450	211	965	150	83	450	0	0	565
24	0	450	91	965	145	92	343	0	0	564
25	0	450	91	965	355	102	450	0	0	564
26	19	450	222	966	377	102	450	0	0	564
27	96	450	278	965	304	106	451	0	0	563
28	201	450	314	965	286	105	451	0	0	563
29	239	450	291	966	253	108	451	0	0	563

Pepacton Reservoir (P):	Available storage April 30, 2018 (0800) Spillway crest elevation 1,280.00 ft.	140.746 billion gallons 140.190 billion gallons	100.4%	1,280.30 (elev.ft.)
Cannonsville Reservoir (C):	Available storage April 30, 2018 (0800) Spillway crest elevation 1,150.00 ft.	96.848 billion gallons 95.706 billion gallons	101.2%	1,150.71 (elev.ft.)
Neversink Reservoir (N):	Available storage April 30, 2018 (0800) Spillway crest elevation 1,440.00 ft.	35.115 billion gallons 34.941 billion gallons	100.5%	1,440.35 (elev.ft.)
Combined contents, PCN:	Available storage April 30, 2018 (0800) Combined capacity at spillway level	272.709 billion gallons 270.837 billion gallons	100.7%	
Lake Wallenpaupack:	Available storage April 29, 2018 (0800) Spillway crest elevation 1,190.00 ft.	29.071 billion gallons 35.451 billion gallons	82.0%	1,186.61 (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 <sup>1</sup>	Pepacton	Cannonsville	Neversink	Wallen- paupack	Rio Reservoir	Uncon- trolled <sup>2</sup>	Discharge	(inches)	
									Daily	Cumulative
Apr 23	0	696	1,231	110	0	390	7,003	9,430	0.00	2.43
24	0	696	1,493	110	747	284	5,450	8,780	0.00	2.43
25	0	696	1,493	128	1,137	142	5,354	8,950	0.39	2.82
26	0	696	1,493	142	1,306	89	7,374	11,100	0.49	3.31
27	0	696	1,493	158	208	89	8,356	11,000	0.00	3.31
28	0	696	1,494	158	0	177	8,775	11,300	0.24	3.55
29	0	696	1,493	164	0	0	8,647	11,000	0.07	3.62

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 23<sup>rd</sup> – April 29<sup>th</sup>, 2018 averaged 93.2 MGD.  
 The average diversion for the 30-day period ending April 29<sup>th</sup> 2018 is 91.5 MGD, the maximum is 96 MGD.