

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA
 Web address: <http://water.usgs.gov/osw/odrm>
 Summary river data for February 1st – February 7th, 2020 (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 1	0	194	0	794	0	123	303	0	0	573
2	0	286	0	792	0	123	204	0	0	572
3	0	300	0	796	0	123	204	0	0	570
4	0	299	0	800	0	123	204	0	0	569
5	0	296	0	762	0	123	204	0	148	598
6	0	300	0	702	0	123	204	0	112	567
7	0	300	0	751	0	123	204	0	147	566

Pepacton Reservoir (P):	Available storage February 8, 2020 (0800) Spillway crest elevation 1,280.00 ft.	127.420 billion gallons 139.320 billion gallons	91.5%	1,273.39 (elev.ft.)
Cannonsville Reservoir (C):	Available storage February 8, 2020 (0800) Spillway crest elevation 1,150.00 ft.	79.947 billion gallons 93.448 billion gallons	85.6%	1,140.77 (elev.ft.)
Neversink Reservoir (N):	Available storage February 8, 2020 (0800) Spillway crest elevation 1,440.00 ft.	31.478 billion gallons 34.692 billion gallons	90.7%	1,433.36 (elev.ft.)
Combined contents, PCN:	Available storage February 8, 2020 (0800) Combined capacity at spillway level	238.845 billion gallons 267.460 billion gallons	89.3%	

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 1	0	300	1,231	190	741	619	3,129	6,210	0.00	2.26
2	0	300	1,229	190	4	618	3,369	5,710	0.12	2.38
3	0	300	1,229	190	18	685	3,518	5,940	0.00	2.38
4	0	300	1,226	190	565	618	3,431	6,330	0.03	2.41
5	0	300	1,232	190	952	682	3,174	6,530	0.14	2.55
6	0	443	1,237	190	917	687	3,646	7,120	0.13	2.68
7	0	463	1,178	190	1,100	692	4,477	8,100	0.55	3.23

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 1st – February 7th 2020 averaged 91.4 MGD.

The average diversion for the 30-day period ending February 7th 2020 is 91.6 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 8th – February 14th, 2020 (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 8	0	423	0	964	0	123	271	0	0	565
9	0	452	0	972	0	123	304	0	148	564
10	0	452	0	971	0	123	416	0	148	564
11	0	452	0	965	0	123	21	0	147	563
12	0	452	0	967	0	123	0	0	0	561
13	0	452	0	906	0	123	120	0	0	559
14	0	452	0	725	0	123	37	148	225	558

Pepacton Reservoir (P):	Available storage February 15, 2020 (0800) Spillway crest elevation 1,280.00 ft.	129.470 billion gallons 139.320 billion gallons	92.9%	1,274.55 (elev.ft.)
Cannonsville Reservoir (C):	Available storage February 15, 2020 (0800) Spillway crest elevation 1,150.00 ft.	80.734 billion gallons 93.448 billion gallons	86.4%	1,141.33 (elev.ft.)
Neversink Reservoir (N):	Available storage February 15, 2020 (0800) Spillway crest elevation 1,440.00 ft.	31.163 billion gallons 34.692 billion gallons	89.8%	1,432.69 (elev.ft.)
Combined contents, PCN:	Available storage February 15, 2020 (0800) Combined capacity at spillway level	241.367 billion gallons 267.460 billion gallons	90.2%	

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 8	0	457	1,086	190	1,090	620	10,657	14,100	0.06	3.29
9	0	464	1,161	190	1,080	617	7,888	11,400	0.26	3.55
10	0	465	1,491	190	438	689	7,127	10,400	0.12	3.67
11	0	654	1,503	190	746	692	6,415	10,200	0.10	3.77
12	0	699	1,502	190	539	517	6,553	10,000	0.61	4.38
13	0	699	1,493	190	527	398	6,793	10,100	0.02	4.40
14	0	699	1,496	190	525	710	7,980	11,600	0.00	4.40

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 8th – February 14th 2020 averaged 88.3 MGD.

The average diversion for the 30-day period ending February 14th 2020 is 90.4 MGD, the maximum is 96 MGD.

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 Web address: <http://water.usgs.gov/osw/odrm>
 Summary river data for February 15th – February 21st, 2020 (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 15	0	452	0	725	0	123	0	200	0	557
16	0	452	0	583	0	123	0	200	0	556
17	0	452	0	480	0	123	161	200	0	555
18	0	452	0	479	0	123	177	50	0	554
19	0	452	0	478	0	123	177	0	95	553
20	0	392	0	452	0	119	265	0	259	553
21	0	314	0	388	0	73	302	0	111	552

Pepacton Reservoir (P):	Available storage February 22, 2020 (0800) Spillway crest elevation 1,280.00 ft.	128.690 billion gallons 139.320 billion gallons	92.4%	1,274.11 (elev.ft.)
Cannonsville Reservoir (C):	Available storage February 22, 2020 (0800) Spillway crest elevation 1,150.00 ft.	80.425 billion gallons 93.448 billion gallons	86.1%	1,141.11 (elev.ft.)
Neversink Reservoir (N):	Available storage February 22, 2020 (0800) Spillway crest elevation 1,440.00 ft.	30.697 billion gallons 34.692 billion gallons	88.5%	1,431.69 (elev.ft.)
Combined contents, PCN:	Available storage February 22, 2020 (0800) Combined capacity at spillway level	239.812 billion gallons 267.460 billion gallons	89.7%	

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 15	0	699	1,496	190	564	759	5,551	9,260	0.00	2.14
16	0	699	1,401	190	4	706	4,759	7,760	0.00	2.14
17	0	699	1,122	190	4	762	4,933	7,710	0.00	2.14
18	0	699	901	190	542	769	4,239	7,340	0.00	2.14
19	0	699	743	190	544	776	4,327	7,280	0.38	2.52
20	0	700	741	190	563	893	4,233	7,320	0.00	2.52
21	0	699	739	190	554	788	3,529	6,500	0.00	2.52

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 15th – February 21st 2020 averaged 91.4 MGD.

The average diversion for the 30-day period ending February 21st 2020 is 89.9 MGD, the maximum is 96 MGD.

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Summary river data for February 22nd – February 28th, 2020 (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 22	0	300	0	388	0	71	302	0	0	551
23	0	300	0	388	0	71	302	0	0	550
24	0	300	0	388	0	71	302	0	0	549
25	0	300	0	388	0	71	302	0	0	548
26	0	300	0	389	0	71	302	0	0	547
27	0	299	0	389	0	71	302	0	0	547
28	0	300	0	390	0	71	302	0	148	546

Pepacton Reservoir (P):	Available storage February 29, 2020 (0800) Spillway crest elevation 1,280.00 ft.	128.490 billion gallons 139.320 billion gallons	92.2%	1,274.00 (elev.ft.)
Cannonsville Reservoir (C):	Available storage February 29, 2020 (0800) Spillway crest elevation 1,150.00 ft.	82.789 billion gallons 93.448 billion gallons	88.6%	1,142.78 (elev.ft.)
Neversink Reservoir (N):	Available storage February 29, 2020 (0800) Spillway crest elevation 1,440.00 ft.	31.262 billion gallons 34.692 billion gallons	90.1%	1,432.90 (elev.ft.)
Combined contents, PCN:	Available storage February 29, 2020 (0800) Combined capacity at spillway level	242.541 billion gallons 267.460 billion gallons	90.7%	

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 22	0	700	699	185	568	749	2,630	5,530	0.00	2.14
23	0	606	600	113	4	717	2,930	4,970	0.00	2.14
24	0	486	600	110	4	742	3,156	5,080	0.01	2.15
25	0	464	601	110	577	788	2,880	5,420	0.18	2.33
26	0	464	601	110	585	747	3,113	5,620	0.49	2.82
27	0	463	601	110	776	608	5,382	7,940	0.55	3.37
28	0	463	601	110	824	777	9,825	12,600	0.00	3.37

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 February 22nd – February 28th 2020 averaged 93.5MGD.

The average diversion for the 30-day period ending February 28th 2020 is 91.4 MGD, the maximum is 98 MGD.

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 Summary river data for February 29th – March 6th, 2020 (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 29	0	300	0	391	0	71	302	0	0	545
Mar 1	0	300	0	391	0	71	302	0	0	544
2	0	300	0	392	0	71	302	0	0	544
3	0	301	0	421	0	71	303	0	0	543
4	0	301	0	604	0	71	303	0	0	542
5	0	256	0	700	0	71	303	0	0	541
6	0	194	0	704	0	71	303	0	133	541

Pepacton Reservoir (P):	Available storage March 7, 2020 (0800) Spillway crest elevation 1,280.00 ft.	129.520 billion gallons 139.320 billion gallons	93.0%	1,274.58 (elev.ft.)
Cannonsville Reservoir (C):	Available storage March 7, 2020 (0800) Spillway crest elevation 1,150.00 ft.	86.313 billion gallons 93.448 billion gallons	92.4%	1,145.22 (elev.ft.)
Neversink Reservoir (N):	Available storage March 7, 2020 (0800) Spillway crest elevation 1,440.00 ft.	32.080 billion gallons 34.692 billion gallons	92.5%	1,434.63 (elev.ft.)
Combined contents, PCN:	Available storage March 7, 2020 (0800) Combined capacity at spillway level	247.913 billion gallons 267.460 billion gallons	92.7%	

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 29	0	463	602	110	859	679	6,797	9,510	0.01	3.38
Mar 1	0	463	604	110	4	675	5,664	7,520	0.01	0.01
2	0	464	605	110	4	714	5,113	7,010	0.02	0.03
3	0	465	605	110	557	689	4,564	6,990	0.32	0.35
4	0	464	606	110	523	650	5,547	7,900	0.21	0.56
5	0	465	652	110	406	664	7,183	9,480	0.00	0.56
6	0	465	935	110	425	750	6,155	8,840	0.08	0.64

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 29th – March 6th 2020 averaged 95.2 MGD.

The average diversion for the 30-day period ending march 6th 2020 is 91.8 MGD, the maximum is 98 MGD.