



# Office of the Delaware River Master

Summary river data for November 6-12, 2000 (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			Average June 1, 2000 to date
	Pepacton	Cannonsville	Neversink	Pepacton	Cannonsville	Neversink	
	release begin 1200	release end 2400	release begin 1500	beginning 0800	beginning 0800	beginning 0800	
<b>November</b>							
6	29	244	16	447	0	344	589
7	29	264	16	447	0	299	590
8	29	32	16	446	0	300	591
9	29	29	16	448	116	303	593
10	29	28	16	449	59	300	594
11	29	28	15	448	0	299	595
12	29	28	16	448	0	300	596

<b>Pepacton Reservoir (P):</b>	Available storage November 13, 2000	(0800)	114.213 Bgal.	81.5 %	(elev. 1,265.15 ft.)
	Spillway crest elevation 1,280.00 ft.		140.190 Bgal.		
<b>Cannonsville Reservoir (C):</b>	Available storage November 13, 2000	(0800)	83.461 Bgal.	87.2 %	(elev. 1,141.79 ft.)
	Spillway crest elevation 1,150.00 ft.		95.706 Bgal.		
<b>Neversink Reservoir (N):</b>	Available storage November 13, 2000	(0800)	25.193 Bgal.	72.1 %	(elev. 1,418.45 ft.)
	Spillway crest elevation 1,440.00 ft.		34.941 Bgal.		
<b>Combined contents, PCN:</b>	Available storage November 13, 2000	(0800)	222.867 Bgal.	82.3 %	
	Combined capacity at spillway level		270.837 Bgal.		
<b>Lake Wallenpaupack:</b>	Available storage November 12, 2000	(0800)	8.238 Bgal.	23.2 %	(elev. 1,1174.9 ft.)
	Spillway crest elevation 1,190.00 ft.		35.451 Bgal.		

### 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 N.Y.C. Reservoirs				Power releases		Computed Uncontrolled <sup>2</sup>	Total Discharge	Excess Release Credits <sup>3</sup>		Precipitation (inches)	
	Directed release <sup>1</sup>	Pepacton	Cannonsville	Neversink	Wallen-paupack	Rio Reservoir			Daily	Cumul.	Daily	Cumul.
<b>November</b>												
6	360	45	294	25	0	113	1,323	1,800	50	5,876	0	.02
7	406	45	334	25	0	35	1,261	1,700	-50	5,826	0	.02
8	448	45	337	25	0	39	1,264	1,750	0	5,826	0	.02
9	480	45	408	25	0	64	1,258	1,800	50	5,876	0	.02
10	0	45	50	25	0	35	1,645	1,800	50	5,926	.77	.79
11	0	45	45	25	0	53	3,682	3,850	0	5,926	.48	1.27
12	0	45	43	25	0	0	4,017	4,130	0	5,926	0	1.27

1. Release directed to maintain a flow at Montague of 1,810 cfs.

2. Includes conservation release of 100 cfs from Rio Reservoir.

3. The excess-release quantity for the seasonal period beginning June 15, 2000 equals 13,556 cfs-days. One-half to be released under normal conditions and one-half is set aside for the fisheries protection program per DRBC Docket No. D-77-20 CP, Revision 4.

Diversions by New Jersey through the D & R Canal, November 6-12, 2000, averaged 85.9 mgd. The average diversion for the 30-day period ending November 12, 2000, was 88.2 mgd and the maximum diversion during the period was 91 mg on October 30, 2000.



# Office of the Delaware River Master

Summary river data for November 13-19, 2000 (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			Average June 1, 2000 to date
	Pepacton	Cannonsville	Neversink	Pepacton	Cannonsville	Neversink	
	release begin 1200	release end 2400	release begin 1500	beginning 0800	beginning 0800	beginning 0800	
<b>November</b>							
13	29	29	16	448	0	301	597
14	29	30	16	448	0	282	598
15	29	30	16	448	0	302	599
16	29	30	16	448	0	303	600
17	29	30	16	447	0	302	601
18	29	30	16	447	0	339	602
19	29	30	16	447	0	268	602

<b>Pepacton Reservoir (P):</b>	Available storage November 20, 2000	(0800)	112.745 Bgal.	80.4%	(elev. 1,264.26 ft.)
	Spillway crest elevation 1,280.00 ft.		140.190 Bgal.		
<b>Cannonsville Reservoir (C):</b>	Available storage November 20, 2000	(0800)	84.863 Bgal.	88.7%	(elev. 1,142.76 ft.)
	Spillway crest elevation 1,150.00 ft.		95.706 Bgal.		
<b>Neversink Reservoir (N):</b>	Available storage November 20, 2000	(0800)	23.733 Bgal.	67.9%	(elev. 1,414.87 ft.)
	Spillway crest elevation 1,440.00 ft.		34.941 Bgal.		
<b>Combined contents, PCN:</b>	Available storage November 20, 2000	(0800)	221.341 Bgal.	81.7%	
	Combined capacity at spillway level		270.837 Bgal.		
<b>Lake Wallenpaupack:</b>	Available storage November 19, 2000	(0800)	8.580 Bgal.	24.2%	(elev. 1,175.1 ft.)
	Spillway crest elevation 1,190.00 ft.		35.451 Bgal.		

## 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 N.Y.C. Reservoirs				Power releases		Computed Uncontrolled <sup>2</sup>	Total Discharge	Excess Release Credits <sup>3</sup>		Precipitation (inches)	
	Directed release <sup>1</sup>	Pepacton	Cannonsville	Neversink	Wallen-paupack	Rio Reservoir			Daily	Cumul.	Daily	Cumul.
<b>November</b>												
13	0	45	43	23	0	46	3,153	3,310	0	5,926	0	1.27
14	0	45	43	25	0	117	2,680	2,910	0	5,926	.03	1.30
15	0	45	45	25	0	64	3,021	3,200	0	5,926	.36	1.66
16	0	45	46	25	0	0	3,314	3,430	0	5,926	0	1.66
17	0	45	46	25	0	0	3,024	3,140	0	5,926	0	1.66
18	0	45	46	25	0	50	2,694	2,860	0	5,926	0	1.66
19	0	45	46	25	0	0	2,534	2,650	0	5,926	0	1.66

1. Release directed to maintain a flow at Montague of 1,810 cfs.

2. Includes conservation release of 100 cfs from Rio Reservoir.

3. The excess-release quantity for the seasonal period beginning June 15, 2000 equals 13,556 cfs-days. One-half to be released under normal conditions and one-half is set aside for the fisheries protection program per DRBC Docket No. D-77-20 CP, Revision 4.

Diversions by New Jersey through the D & R Canal, November 13-19, 2000, averaged 77.0 mgd. The average diversion for the 30-day period ending November 19, 2000, was 85.6 mgd and the maximum diversion during the period was 91 mg on October 30, 2000.



## Office of the Delaware River Master

Summary river data for November 20-26, 2000 (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			Average June 1, 2000 to date
	Pepacton	Cannonsville	Neversink	Pepacton	Cannonsville	Neversink	
	release begin 1200	release end 2400	release begin 1500	beginning 0800	beginning 0800	beginning 0800	
<b>November</b>							
20	29	30	16	447	0	327	603
21	29	29	16	447	0	250	604
22	29	29	16	447	0	318	605
23	29	29	16	447	0	83	604
24	29	29	16	446	0	0	604
25	29	29	16	446	0	0	603
26	29	29	16	447	0	0	602

<b>Pepacton Reservoir (P):</b>	Available storage November 27, 2000	(0800)	110.974 Bgal.	79.2%	(elev. 1,263.18 ft.)
	Spillway crest elevation 1,280.00 ft.		140.190 Bgal.		
<b>Cannonsville Reservoir (C):</b>	Available storage November 27, 2000	(0800)	86.250 Bgal.	90.1%	(elev. 1,143.72 ft.)
	Spillway crest elevation 1,150.00 ft.		95.706 Bgal.		
<b>Neversink Reservoir (N):</b>	Available storage November 27, 2000	(0800)	23.238 Bgal.	66.5%	(elev. 1,413.63 ft.)
	Spillway crest elevation 1,440.00 ft.		34.941 Bgal.		
<b>Combined contents, PCN:</b>	Available storage November 27, 2000	(0800)	220.462 Bgal.	81.4%	
	Combined capacity at spillway level		270.837 Bgal.		
<b>Lake Wallenpaupack:</b>	Available storage November 26, 2000	(0800)	9.270 Bgal.	26.1%	(elev. 1,175.5 ft.)
	Spillway crest elevation 1,190.00 ft.		35.451 Bgal.		

### 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 N.Y.C. Reservoirs				Power releases		Computed Uncontrolled <sup>2</sup>	Total Discharge	Excess Release Credits <sup>3</sup>		Precipitation (inches)	
	Directed release <sup>1</sup>	Pepacton	Cannonsville	Neversink	Wallen-paupack	Rio Reservoir			Daily	Cumul.	Daily	Cumul.
<b>November</b>												
20	0	45	46	25	0	46	2,378	2,540	0	5,926	0	1.66
21	0	45	46	25	0	14	2,290	2,420	0	5,926	.02	1.68
22	0	45	46	25	0	53	2,181	2,350	0	5,926	.01	1.69
23	0	45	45	25	0	71	2,014	2,200	0	5,926	0	1.69
24	0	45	45	25	0	35	1,720	1,870	55	5,981	0	1.69
25	0	45	45	25	0	39	1,616	1,770	20	6,001	0	1.69
26	0	45	45	25	0	18	1,937	2,070	0	6,001	.19	1.88

1. Release directed to maintain a flow at Montague of 1,810 cfs.

2. Includes conservation release of 100 cfs from Rio Reservoir.

3. The excess-release quantity for the seasonal period beginning June 15, 2000 equals 13,556 cfs-days. One-half to be released under normal conditions and one-half is set aside for the fisheries protection program per DRBC Docket No. D-77-20 CP, Revision 4.

Diversions by New Jersey through the D & R Canal, November 20-26, 2000 are currently unavailable.



# Office of the Delaware River Master

Summary river data for November 27-December 3, 2000 (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			Average June 1, 2000 to date
	Pepacton	Cannonsville	Neversink	Pepacton	Cannonsville	Neversink	
	release begin 1200	release end 2400	release begin 1500	beginning 0800	beginning 0800	beginning 0800	
<b>November</b>							
27	29	29	16	447	0	0	601
28	29	29	16	449	0	0	600
29	29	29	16	449	0	0	599
30	29	29	16	449	0	0	598
<b>December</b>							
1	29	29	16	448	0	0	598
2	29	29	16	448	0	0	597
3	29	29	16	448	0	0	596

<b>Pepacton Reservoir (P):</b>	Available storage December 4, 2000	(0800)	109.056 Bgal.	77.8%	(elev. 1,262.00 ft.)
	Spillway crest elevation 1,280.00 ft.		140.190 Bgal.		
<b>Cannonsville Reservoir (C):</b>	Available storage December 4, 2000	(0800)	87.666 Bgal.	91.6 %	(elev. 1,144.70 ft.)
	Spillway crest elevation 1,150.00 ft.		95.706 Bgal.		
<b>Neversink Reservoir (N):</b>	Available storage December 4, 2000	(0800)	23.817 Bgal.	68.2%	(elev. 1,415.08 ft.)
	Spillway crest elevation 1,440.00 ft.		34.941 Bgal.		
<b>Combined contents, PCN:</b>	Available storage December 4, 2000	(0800)	220.539 Bgal.	81.4%	
	Combined capacity at spillway level		270.837 Bgal.		
<b>Lake Wallenpaupack:</b>	Available storage December 3, 2000	(0800)	9,960 Bgal.	28.1%	(elev. 1,175.9 ft.)
	Spillway crest elevation 1,190.00 ft.		35.451 Bgal.		

### 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 N.Y.C. Reservoirs				Power releases		Computed Uncontrolled <sup>2</sup>	Total Discharge	Excess Release Credits <sup>3</sup>		Precipitation (inches)	
	Directed release <sup>1</sup>	Pepacton	Cannonsville	Neversink	Wallen-paupack	Rio Reservoir			Daily	Cumul.	Daily	Cumul.
<b>November</b>												
27	0	45	45	25	0	220	2,715	3,050	0	6,001	.39	2.27
28	0	45	45	25	0	67	3,138	3,320	0	6,001	.02	2.29
29	0	45	45	25	0	53	2,902	3,070	0	6,001	.01	2.30
30	0	45	45	25	0	106	2,709	2,930	0	6,001	.20	2.50
<b>December</b>												
1	0	45	45	25	4	142	2,639	2,900	0	6,001	0	0
2	0	45	45	25	0	92	2,533	2,740	0	6,001	0	0
3	0	45	45	25	0	85	2,240	2,440	0	6,001	0	0

1. Release directed to maintain a flow at Montague of 1,810 cfs.

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Data on diversions by New Jersey through the D & R Canal, November 27-December 4, 2000, are currently unavailable.