



# Office of the Delaware River Master

Summary river data for September 4-10, 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>September</b>							
4	61	129	34	391	200	0	526
5	61	112	34	430	199	0	527
6	61	103	34	354	199	0	528
7	61	103	34	449	200	0	529
8	61	304	34	449	298	73	532
9	61	383	34	449	298	94	535
10	66	129	34	449	298	57	537

<b>Pepacton Reservoir (P):</b>	Available storage September 11, 2000	(0800)	132.326 Bgal.	94.4%	(elev. 1,275.67 ft.)
	Spillway crest elevation 1,280.00 ft.		140.190 Bgal.		
<b>Cannonsville Reservoir (C):</b>	Available storage September 11, 2000	(0800)	84.516 Bgal.	88.3%	(elev. 1,142.52 ft.)
	Spillway crest elevation 1,150.00 ft.		95.706 Bgal.		
<b>Neversink Reservoir (N):</b>	Available storage September 11, 2000	(0800)	30.850 Bgal.	88.3%	(elev. 1,431.43 ft.)
	Spillway crest elevation 1,440.00 ft.		34.941 Bgal.		
<b>Combined contents, PCN:</b>	Available storage September 11, 2000	(0800)	247.692 Bgal.	91.5%	
	Combined capacity at spillway level		270.837 Bgal.		
<b>Lake Wallenpaupack:</b>	Available storage September 10, 2000	(0800)	16.610 Bgal.	46.9%	(elev. 1,179.7 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.
September												
4	753	94	588	70	0	248	1,740	2,740	752	3,156	.12	.77
5	280	94	305	53	87	181	1,440	2,160	238	3,394	.01	.78
6	0	94	200	53	497	0	1,486	2,330	0	3,394	0	.78
7	0	94	173	53	707	0	1,143	2,170	0	3,394	0	.78
8	13	94	159	53	694	0	1,140	2,140	13	3,407	0	.78
9	218	94	159	53	681	0	1,043	2,030	192	3,599	0	.78
10	610	94	470	53	593	0	900	2,110	360	3,959	.07	.85

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, September 4-10, 2000, averaged 95.0 mgd. The average diversion for the 30-day period ending September 10, 2000, was 92.2 mgd and the maximum diversion during the period was 98 mg on September 10, 2000.



## Office of the Delaware River Master

Summary river data for September 11-17, 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>September</b>							
11	64	116	34	450	298	106	541
12	45	103	34	450	298	97	543
13	45	103	34	449	298	104	546
14	45	103	34	244	10	15	544
15	45	103	33	412	249	130	546
16	45	88	33	449	249	95	548
17	45	81	33	430	250	78	550

<b>Pepacton Reservoir (P):</b>	Available storage September 18, 2000	(0800)	131.149 Bgal.	93.6%	(elev. 1,275.01 ft.)
	Spillway crest elevation 1,280.00 ft.		140.190 Bgal.		
<b>Cannonsville Reservoir (C):</b>	Available storage September 18, 2000	(0800)	83.807 Bgal.	87.6%	(elev. 1,142.03 ft.)
	Spillway crest elevation 1,150.00 ft.		95.706 Bgal.		
<b>Neversink Reservoir (N):</b>	Available storage September 18, 2000	(0800)	31.789 Bgal.	91.0%	(elev. 1,433.45 ft.)
	Spillway crest elevation 1,440.00 ft.		34.941 Bgal.		
<b>Combined contents, PCN:</b>	Available storage September 18, 2000	(0800)	246.745 Bgal.	91.1%	
	Combined capacity at spillway level		270.837 Bgal.		
<b>Lake Wallenpaupack:</b>	Available storage September 17, 2000	(0800)	14.850 Bgal.	41.9%	(elev. 1,178.7 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.
September												
11	738	94	593	53	0	195	995	1,930	180	4,139	0	.85
12	298	94	200	53	603	124	1,286	2,360	298	4,437	.01	86
13	0	102	179	53	650	106	1,670	2,760	0	4,437	1.49	2.35
14	55	99	159	53	624	89	5,216	6,240	55	4,492	0	2.35
15	106	70	159	53	674	28	3,956	4,940	106	4,598	.42	2.77
16	0	70	159	53	663	67	3,238	4,250	0	4,598	.04	2.81
17	0	70	159	51	158	89	2,953	3,480	0	4,598	0	2.81

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, September 11-17, 2000, averaged 94.3 mgd. The average diversion for the 30-day period ending September 17, 2000, was 94.4 mgd and the maximum diversion during the period was 98 mg on September 10, 2000.



# Office of the Delaware River Master

Summary river data for September 18-24, 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>September</b>							
18	45	93	33	260	184	0	549
19	45	109	33	352	122	15	549
20	45	116	33	449	298	231	553
21	45	120	33	449	289	193	556
22	45	157	33	448	283	82	558
23	45	120	33	448	283	78	560
24	45	122	33	448	283	68	562

<b>Pepacton Reservoir (P):</b>	Available storage September 25, 2000	(0800)	Bgal.	91.9 %	(elev. 1,273.71 ft.)
	Spillway crest elevation 1,280.00 ft.		140.190 Bgal.		
<b>Cannonsville Reservoir (C):</b>	Available storage September 25, 2000	(0800)	Bgal.	85.8 %	(elev. 1,140.89 ft.)
	Spillway crest elevation 1,150.00 ft.		95.706 Bgal.		
<b>Neversink Reservoir (N):</b>	Available storage September 25, 2000	(0800)	Bgal.	90.3 %	(elev. 1,432.93 ft.)
	Spillway crest elevation 1,440.00 ft.		34.941 Bgal.		
<b>Combined contents, PCN:</b>	Available storage September 25, 2000	(0800)	Bgal.	89.6 %	
	Combined capacity at spillway level		270.837 Bgal.		
<b>Lake Wallenpaupack:</b>	Available storage September 24, 2000	(0800)	Bgal.	35.9 %	(elev. 1,177.5 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.
September												
18	0	70	136	51	110	174	2,319	2,860	0	4,598	0	2.78
19	0	70	125	51	729	11	2,144	3,130	0	4,598	0	2.78
20	0	70	144	51	657	106	2,222	3,250	0	4,598	.37	3.15
21	0	70	169	51	702	191	2,267	3,450	0	4,598	.02	3.17
22	0	70	179	51	621	99	1,870	2,890	0	4,598	0	3.17
23	0	70	186	51	586	0	1,717	2,610	0	4,598	0	3.17
24	365	70	243	51	0	0	1,486	1,850	100	4,698	.02	3.19

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, September 18-24, 2000, averaged 93.6 mgd. The average diversion for the 30-day period ending September 24, 2000, was 94.5 mgd and the maximum diversion during the period was 100 mgd on September 24, 2000.