



# Office of the Delaware River Master

Summary river data for April 3-9, 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			
	Pepacton	Cannonsville		Neversink	Pepacton	Cannonsville	Neversink	Average June 1, 1999 to date
	release begin 1200	release end 2400	spill begin 0800	release begin 1500	beginning 0800	beginning 0800	beginning 0800	
<b>April</b>								
3	29	29	997	16	449	150	0	641
4	29	29	2,003	16	450	282	93	641
5	28	29	2,609	16	235	160	0	640
6	29	29	2,277	16	449	37	132	640
7	29	29	1,934	16	448	0	172	640
8	29	29	1,635	16	449	0	91	640
9	32	29	1,756	16	449	0	141	640

<b>Pepacton Reservoir (P):</b>	Available storage April 10, 2000	(0800)	137.419 Bgal.	98.0 %	(elev. 1,278.49 ft.)
	Spillway crest elevation 1,280.00 ft.		140.190 Bgal.		
<b>Cannonsville Reservoir (C):</b>	Available storage April 10, 2000	(0800)	99.424 Bgal.	103.9 %	(elev. 1,152.31 ft.)
	Spillway crest elevation 1,150.00 ft.		95.706 Bgal.		
<b>Neversink Reservoir (N):</b>	Available storage April 10, 2000	(0800)	30.082 Bgal.	86.1 %	(elev. 1,429.75 ft.)
	Spillway crest elevation 1,440.00 ft.		34.941 Bgal.		
<b>Combined contents, PCN:</b>	Available storage April 10, 2000	(0800)	266.925 Bgal.	98.6 %	
	Combined capacity at spillway level		270.837 Bgal.		
<b>Lake Wallenpaupack:</b>	Available storage April 9, 2000	(0800)	27.592 Bgal.	77.8 %	(elev. 1,185.8 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	Precipitation	
	Directed release <sup>1</sup>	Pepacton	Cannonsville	Neversink	Wallen-paupack	Rio Reservoir			(inches) Daily	Cumul
<b>April</b>										
3	0	45	45	25	52	227	6,796	7,190	.15	.15
4	0	43	43	25	528	245	7,496	8,380	.80	.95
5	0	46	45	25	547	312	14,725	15,700	.13	1.08
6	0	45	45	25	506	390	13,089	14,100	0	1.08
7	0	45	45	25	538	730	10,817	12,200	0	1.08
8	0	43	45	25	431	383	9,173	10,100	.01	1.09
9	0	45	45	25	37	362	10,186	10,700	.84	1.93

1. Release directed to maintain a flow at Montague of 1,750 cfs.

2. Includes conservation release of 100 cfs from Rio Reservoir and spill from Cannonsville Reservoir.

Diversions by New Jersey through the D & R Canal, April 3-9, 2000, averaged 89.4 mgd. The average diversion for the 30-day period ending April 9, 2000, was 86.7mgd and the maximum diversion during the period was 93 mg on March 24-April 3, 2000.



# Office of the Delaware River Master

Summary river data for April 10-16, 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			
	Pepacton		Cannonsville		Neversink	Pepacton	Cannonsville	Neversink	Average June 1, 1999 to date
	release begin 1200	spill begin 0800	release end 2400	spill begin 0800	release begin 1500	beginning 0800	beginning 0800	beginning 0800	
<b>April</b>									
10	27	0	29	1,639	16	449	0	160	640
11	29	0	27	1,426	16	449	0	200	640
12	29	0	25	1,315	15	447	0	134	640
13	28	0	29	1,210	15	493	0	99	639
14	28	0	29	1,165	15	499	0	116	639
15	28	14	29	1,113	15	499	0	58	639
16	28	80	29	1,059	15	499	0	58	639
<b>Pepacton Reservoir (P):</b>		Available storage April 17, 2000		(0800)	140.468 Bgal.	100.2%	(elev. 1,280.15 ft.)		
		Spillway crest elevation 1,280.00 ft.			140.190 Bgal.				
<b>Cannonsville Reservoir (C):</b>		Available storage April 17, 2000		(0800)	98.313 Bgal.	102.7%	(elev. 1,151.62 ft.)		
		Spillway crest elevation 1,150.00 ft.			95.706 Bgal.				
<b>Neversink Reservoir (N):</b>		Available storage April 17, 2000		(0800)	30.346 Bgal.	86.8%	(elev. 1,430.33 ft.)		
		Spillway crest elevation 1,440.00 ft.			34.941 Bgal.				
<b>Combined contents, PCN:</b>		Available storage April 17, 2000		(0800)	269.127 Bgal.	99.4%			
		Combined capacity at spillway level			270.837 Bgal.				
<b>Lake Wallenpaupack:</b>		Available storage April 16, 2000		(0800)	28.328 Bgal.	79.9%	(elev. 1,186.2 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	Precipitation	
	Directed release <sup>1</sup>	Pepacton	Cannonsville	Neversink	Wallen-paupack	Rio Reservoir			(inches) Daily Cumul	
<b>April</b>										
10	0	45	45	25	78	475	12,032	12,700	.11	2.04
11	0	45	45	25	550	351	10,984	12,000	.01	2.05
12	0	50	45	25	548	532	9,800	11,000	.03	2.08
13	0	42	42	25	619	206	9,166	10,100	0	2.08
14	0	45	39	23	660	284	8,259	9,310	0	2.08
15	0	45	45	23	566	248	7,533	8,460	0	2.08
16	0	43	45	23	0	103	7,436	7,650	0	2.08

1. Release directed to maintain a flow at Montague of 1,750 cfs.

2. Includes conservation release of 100 cfs from Rio Reservoir and spill from Cannonsville and Pepacton Reservoirs.

Diversions by New Jersey through the D & R Canal, April 10-16, 2000, averaged 94.3 mgd. The average diversion for the 30-day period ending April 16, 2000, was 90.1 mgd and the maximum diversion during the period was 98 mg on April 15, 2000.



# Office of the Delaware River Master

Summary river data for April 17-23, 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			
	Pepacton		Cannonsville		Neversink	Pepacton	Cannonsville	Neversink	Average June 1, 1999 to date
	release begin 1200	spill begin 0800	release end 2400	spill begin 0800	release begin 1500	beginning 0800	beginning 0800	beginning 0800	
<b>April</b>									
17	32	145	29	1,019	16	523	0	68	639
18	32	349	29	1,283	16	523	0	74	639
19	30	381	72	1,402	16	523	0	110	639
20	29	362	29	1,352	16	523	0	125	639
21	30	405	29	1,334	16	523	0	0	638
22	30	603	29	1,441	16	523	0	0	638
23	30	692	29	1,522	16	524	0	0	638

<b>Pepacton Reservoir (P):</b>	Available storage April 24, 2000	(0800)	141.320 Bgal.	100.8%	(elev. 1,280.61 ft.)
	Spillway crest elevation 1,280.00 ft.		140.190 Bgal.		
<b>Cannonsville Reservoir (C):</b>	Available storage April 24, 2000	(0800)	99.166 Bgal.	103.6%	(elev. 1,152.15 ft.)
	Spillway crest elevation 1,150.00 ft.		95.706 Bgal.		
<b>Neversink Reservoir (N):</b>	Available storage April 24, 2000	(0800)	32.307 Bgal.	92.5%	(elev. 1,434.55 ft.)
	Spillway crest elevation 1,440.00 ft.		34.941 Bgal.		
<b>Combined contents, PCN:</b>	Available storage April 24, 2000	(0800)	272.793 Bgal.	100.7%	
	Combined capacity at spillway level		270.837 Bgal.		
<b>Lake Wallenpaupack:</b>	Available storage April 23, 2000	(0800)	28.700 Bgal.	81.0%	(elev. 1,186.4 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	Precipitation	
	Directed release <sup>1</sup>	Pepacton	Cannonsville	Neversink	Wallen-paupack	Rio Reservoir			(inches) Daily	Cumul
<b>April</b>										
17	0	43	45	23	45	152	7,272	7,580	0	2.08
18	0	43	45	23	1,158	163	8,968	10,400	.77	2.85
19	0	43	45	25	1,073	202	14,612	16,000	.27	3.12
20	0	50	45	25	994	493	12,393	14,000	0	3.12
21	0	50	111	25	725	330	10,759	12,000	.10	3.22
22	0	46	45	25	0	691	16,293	17,100	.92	4.14
23	0	45	45	25	0	844	17,141	18,100	.23	4.37

1. Release directed to maintain a flow at Montague of 1,750 cfs.

2. Includes conservation release of 100 cfs from Rio Reservoir and spill from Cannonsville and Pepacton Reservoirs.

Diversions by New Jersey through the D & R Canal, April 17-23, 2000, are not available at this time .



# Office of the Delaware River Master

Summary river data for April 24-30, 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			
	Pepacton		Cannonsville		Neversink	Pepacton	Cannonsville	Neversink	Average June 1, 1999 to date
	release begin 1200	spill begin 0800	release end 2400	spill begin 0800	release begin 1500	beginning 0800	beginning 0800	beginning 0800	
<b>April</b>									
24	30	715	29	1,546	16	523	0	78	637
25	30	638	29	1,407	16	468	0	92	637
26	29	577	29	1,208	16	448	0	101	637
27	29	458	29	1,061	16	448	0	242	637
28	30	399	29	1,011	16	448	0	175	637
29	30	298	29	894	16	299	0	0	636
30	33	229	29	750	21	295	0	18	635

<b>Pepacton Reservoir (P):</b>	Available storage May 1, 2000	(0800)	140.708 Bgal.	100.4%	(elev. 1,280.28 ft.)
	Spillway crest elevation 1,280.00 ft.		140.190 Bgal.		
<b>Cannonsville Reservoir (C):</b>	Available storage May 1, 2000	(0800)	97.701 Bgal.	102.1%	(elev. 1,151.24 ft.)
	Spillway crest elevation 1,150.00 ft.		95.706 Bgal.		
<b>Neversink Reservoir (N):</b>	Available storage May 1, 2000	(0800)	32.995 Bgal.	94.4%	(elev. 1,436.00 ft.)
	Spillway crest elevation 1,440.00 ft.		34.941 Bgal.		
<b>Combined contents, PCN:</b>	Available storage May 1, 2000	(0800)	271.404 Bgal.	100.2%	
	Combined capacity at spillway level		270.837 Bgal.		
<b>Lake Wallenpaupack:</b>	Available storage April 30, 2000	(0800)	27.957 Bgal.	78.9%	(elev. 1,186.0 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	Precipitation	
	Directed release <sup>1</sup>	Pepacton	Cannonsville	Neversink	Wallen-paupack	Rio Reservoir			(inches) Daily	Cumul
<b>April</b>										
24	0	46	45	25	78	861	16,545	17,600	.17	4.54
25	0	46	45	25	1,117	992	13,675	15,900	0	4.54
26	0	46	45	25	1,118	865	11,601	13,700	0	4.54
27	0	46	45	25	1,083	887	10,114	12,200	0	4.54
28	0	46	45	25	1,137	617	9,130	11,000	.09	4.63
29	0	45	45	25	638	337	8,300	9,390	0	4.63
30	0	45	45	25	0	472	7,353	7,940	0	4.63

1. Release directed to maintain a flow at Montague of 1,750 cfs.

2. Includes conservation release of 100 cfs from Rio Reservoir and spill from Cannonsville and Pepacton Reservoirs. Diversions by New Jersey through the D & R Canal, April 24-30, 2000, averaged 92.1 mgd.