



# Office of the Delaware River Master

Summary river data for July 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>July</b>								
3	60	170	2	44	453	298	0	561
4	60	169	2	42	453	298	0	566
5	61	135	0	34	459	298	166	577
6	61	102	0	34	450	298	27	582
7	61	102	0	34	449	298	186	592
8	61	102	0	33	449	298	0	596
9	61	102	0	45	449	298	0	600

<b>Pepacton Reservoir (P):</b>	Available storage July 10, 2000	(0800)	137.346 Bgal.	98.0 %	(elev. 1,278.45 ft.)
	Spillway crest elevation 1,280.00 ft.		140.190 Bgal.		
<b>Cannonsville Reservoir (C):</b>	Available storage July 10, 2000	(0800)	94.626 Bgal.	98.9 %	(elev. 1,149.29 ft.)
	Spillway crest elevation 1,150.00 ft.		95.706 Bgal.		
<b>Neversink Reservoir (N):</b>	Available storage July 10, 2000	(0800)	34.497 Bgal.	98.7 %	(elev. 1,439.10 ft.)
	Spillway crest elevation 1,440.00 ft.		34.941 Bgal.		
<b>Combined contents, PCN:</b>	Available storage July 10, 2000	(0800)	266.469 Bgal.	98.4 %	
	Combined capacity at spillway level		270.837 Bgal.		
<b>Lake Wallenpaupack:</b>	Available storage July 9, 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>July</b>										
3	0	94	263	68	0	149	2,906	3,480	0	0
4	0	94	263	68	317	0	2,778	3,520	.29	.29
5	0	94	263	68	341	0	2,944	3,710	0	.29
6	0	93	261	65	370	0	2,521	3,310	0	.29
7	0	93	209	53	317	0	2,148	2,820	0	.29
8	0	94	158	53	337	89	1,909	2,640	0	.29
9	0	94	158	53	0	78	1,707	2,090	0	.29

1. Release directed to maintain a flow at Montague of 1,810 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, July 3-9, 2000, averaged 92.1 mgd. The average diversion for the 30-day period ending July 9, 2000, was 91.7 mgd and the maximum diversion during the period was 95 mg on June 15, 18, 19, 2000.



## Office of the Delaware River Master

Summary river data for July 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			Average June 1, 2000 to date
	Pepacton	Cannonsville	Neversink		Pepacton	Cannonsville	Neversink	
	release begin 1200	release end 2400	release begin 1500	spill begin 0800	beginning 0800	beginning 0800	beginning 0800	
<b>July</b>								
10	61	130	34	0	0	298	110	595
11	61	131	34	0	391	298	73	599
12	61	131	34	0	266	177	44	596
13	61	143	34	0	274	227	54	595
14	61	186	33	0	143	167	88	591
15	61	129	34	617	0	0	2	578
16	61	129	34	1,086	0	0	0	565

<b>Pepacton Reservoir (P):</b>	Available storage July 17, 2000	(0800)	137.857 Bgal.	98.3 %	(elev. 1,278.73 ft.)
	Spillway crest elevation 1,280.00 ft.		140.190 Bgal.		
<b>Cannonsville Reservoir (C):</b>	Available storage July 17, 2000	(0800)	93.713 Bgal.	97.9 %	(elev. 1,148.69 ft.)
	Spillway crest elevation 1,150.00 ft.		95.706 Bgal.		
<b>Neversink Reservoir (N):</b>	Available storage July 17, 2000	(0800)	35.389 Bgal.	101.3 %	(elev. 1,440.90 ft.)
	Spillway crest elevation 1,440.00 ft.		34.941 Bgal.		
<b>Combined contents, PCN:</b>	Available storage July 17, 2000	(0800)	266.959 Bgal.	98.6 %	
	Combined capacity at spillway level		270.837 Bgal.		
<b>Lake Wallenpaupack:</b>	Available storage July 16, 2000	(0800)	27.410 Bgal.	77.3 %	(elev. 1,185.7 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	
	Directed release <sup>1</sup>	Pepacton	Cannonsville	Neversink	Wallen-paupack	Rio Reservoir			Daily Cumul	Daily Cumul	(inches) Daily Cumul	Daily Cumul
<b>July</b>												
10	0	94	158	51	14	0	1,663	1,980	0	0	.03	.32
11	0	94	158	70	431	0	1,597	2,350	0	0	0	.32
12	0	94	201	53	424	0	1,468	2,240	0	0	0	.32
13	0	94	203	53	455	0	1,365	2,170	0	0	0	.32
14	73	94	203	53	329	0	1,311	1,990	60	60	0	.32
15	131	94	221	53	434	0	1,608	2,410	131	191	.36	.68
16	434	94	288	51	0	202	5,035	5,670	433	624	1.52	2.20

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

2. Includes conservation release of 100 cfs from Rio Reservoir and spill from Neversink 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, July 10-16, 2000, averaged 91.4 mgd. The average diversion for the 30-day period ending July 16, 2000, was 91.7 mgd and the maximum diversion during the period was 95 mg on June 18, 19, 2000.



# Office of the Delaware River Master

Summary river data for July 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			Average June 1, 2000 to date
	Pepacton	Cannonsville	Neversink		Pepacton	Cannonsville	Neversink	
	release begin 1200	release end 2400	release begin 1500	spill begin 0800	beginning 0800	beginning 0800	beginning 0800	
<b>July</b>								
17	61	116	34	760	0	0	0	553
18	61	103	34	408	0	0	0	542
19	61	104	34	218	0	0	116	533
20	61	104	34	85	0	0	220	527
21	61	104	34	12	0	144	173	523
22	61	103	34	0	0	204	235	521
23	61	103	34	0	0	200	338	521

<b>Pepacton Reservoir (P):</b>	Available storage July 24, 2000	(0800)	138.406 Bgal.	98.7 %	(elev. 1,279.03 ft.)
	Spillway crest elevation 1,280.00 ft.		140.190 Bgal.		
<b>Cannonsville Reservoir (C):</b>	Available storage July 24, 2000	(0800)	93.379 Bgal.	97.6 %	(elev. 1,148.47 ft.)
	Spillway crest elevation 1,150.00 ft.		95.706 Bgal.		
<b>Neversink Reservoir (N):</b>	Available storage July 24, 2000	(0800)	34.528 Bgal.	98.8 %	(elev. 1,439.16 ft.)
	Spillway crest elevation 1,440.00 ft.		34.941 Bgal.		
<b>Combined contents, PCN:</b>	Available storage July 24, 2000	(0800)	266.313 Bgal.	98.3 %	
	Combined capacity at spillway level		270.837 Bgal.		
<b>Lake Wallenpaupack:</b>	Available storage July 23, 2000	(0800)	26.862 Bgal.	75.8 %	(elev. 1,185.4 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	Excess Release Credits <sup>3</sup>	Precipitation		
	Directed release <sup>1</sup>	Pepacton	Cannonsville	Neversink	Wallen-paupack	Rio Reservoir			Daily Cumul	(inches) Daily Cumul		
<b>July</b>												
17	0	94	200	53	0	248	8,095	8,690	0	624	.07	2.27
18	0	94	200	53	563	282	5,768	6,960	0	624	0	2.27
19	0	94	179	53	493	170	4,091	5,080	0	624	0	2.27
20	0	94	159	53	548	170	2,866	3,890	0	624	.03	2.30
21	0	94	161	53	645	18	2,439	3,410	0	624	0	2.30
22	0	94	161	53	630	0	2,202	3,140	0	624	.16	2.46
23	0	94	161	53	657	57	1,888	2,910	0	624	0	2.46

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

2. Includes conservation release of 100 cfs from Rio Reservoir and spill from Neversink 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, July 17-23, 2000, averaged 94.3 mgd. The average diversion for the 30-day period ending July 23, 2000, was 92.0 mgd and the maximum diversion during the period was 97 mg on July 17, 2000.



# Office of the Delaware River Master

Summary river data for July 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			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>July</b>							
24	61	128	34	16	90	154	516
25	61	114	34	0	0	106	509
26	61	103	34	0	0	245	504
27	61	103	34	170	0	53	499
28	62	115	34	3	0	0	491
29	62	159	34	201	0	87	487
30	62	159	34	198	0	86	484

<b>Pepacton Reservoir (P):</b>	Available storage July 31, 2000	(0800)	138.756 Bgal.	99.0 %	(elev. 1,279.22 ft.)
	Spillway crest elevation 1,280.00 ft.		140.190 Bgal.		
<b>Cannonsville Reservoir (C):</b>	Available storage July 31, 2000	(0800)	93.272 Bgal.	97.5 %	(elev. 1,148.40 ft.)
	Spillway crest elevation 1,150.00 ft.		95.706 Bgal.		
<b>Neversink Reservoir (N):</b>	Available storage July 31, 2000	(0800)	34.684 Bgal.	99.3 %	(elev. 1,439.48 ft.)
	Spillway crest elevation 1,440.00 ft.		34.941 Bgal.		
<b>Combined contents, PCN:</b>	Available storage July 31, 2000	(0800)	266.712 Bgal.	98.5 %	
	Combined capacity at spillway level		270.837 Bgal.		
<b>Lake Wallenpaupack:</b>	Available storage July 30, 2000	(0800)	20.152 Bgal.	56.8 %	(elev. 1,181.7 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.
July												
24	0	94	159	53	742	0	1,662	2,710	0	624	0	2.46
25	0	94	159	53	912	0	1,582	2,800	0	624	0	2.46
26	0	94	198	53	821	0	1,514	2,680	0	624	0	2.46
27	0	94	176	53	1,328	0	2,739	4,390	0	624	.80	3.26
28	0	94	159	53	1,527	241	2,586	4,660	0	624	.16	3.42
29	0	94	159	53	729	35	2,430	3,500	0	624	.21	3.63
30	0	94	178	53	453	0	2,442	3,220	0	624	.11	3.74

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, July 24-30, 2000, averaged 93.4 mgd. The average diversion for the 30-day period ending July 30, 2000, was 92.8 mgd and the maximum diversion during the period was 97 mg on July 17, 30, 2000.





# Office of the Delaware River Master

Summary river data for July 31-August 6, 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>July</b>							
31	62	130	34	300	0	72	482
<b>August</b>							
1	62	104	34	300	0	203	482
2	61	104	34	291	0	203	483
3	61	137	34	0	0	196	478
4	61	155	34	0	0	213	474
5	61	156	34	0	0	198	470
6	61	156	33	0	0	210	466

<b>Pepacton Reservoir (P):</b>	Available storage August 7, 2000	(0800)	138.205 Bgal.	98.6 %	(elev. 1,278.92 ft.)
	Spillway crest elevation 1,280.00 ft.		140.190 Bgal.		
<b>Cannonsville Reservoir (C):</b>	Available storage August 7, 2000	(0800)	93.151 Bgal.	97.3 %	(elev. 1,148.32 ft.)
	Spillway crest elevation 1,150.00 ft.		95.706 Bgal.		
<b>Neversink Reservoir (N):</b>	Available storage August 7, 2000	(0800)	34.228 Bgal.	98.0 %	(elev. 1,438.55 ft.)
	Spillway crest elevation 1,440.00 ft.		34.941 Bgal.		
<b>Combined contents, PCN:</b>	Available storage August 7, 2000	(0800)	265.584 Bgal.	98.1 %	
	Combined capacity at spillway level		270.837 Bgal.		
<b>Lake Wallenpaupack:</b>	Available storage August 6, 2000	(0800)	22.847 Bgal.	64.4 %	(elev. 1,183.2 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	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>July</b>												
31	0	96	246	53	438	88	2,949	3,870	0	624	.50	4.24
<b>August</b>												
1	0	96	246	53	400	160	3,145	4,100	0	624	.14	.14
2	0	96	201	53	585	92	3,253	4,280	0	624	.06	.20
3	0	96	161	53	566	468	2,686	4,030	0	624	.03	.23
4	0	96	161	53	535	525	2,820	4,190	0	624	.17	.40
5	0	94	212	53	399	333	2,459	3,550	0	624	0	.40
6	0	94	240	53	0	0	2,213	2,600	0	624	0	.40

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, July 31-August 6, 2000, averaged 89.1 mgd. The average diversion for the 30-day period ending August 6, 2000 was 92.0 mgd and the maximum diversion during the period was 97 mg on July 17 & 30, 2000.