#### Web address: http://water.usgs.gov/orh/nrwww/odrm

Summary river data for July 5 - 11, 2004 (preliminary data-subject to revision)

### RESERVOIR OPERATION DATA

Millions of gallons - 24 hour period, local time

		Discharge t	o river	Diversions to New York City water supply					
	Pepacton	Cannons	sville Neversink	Pepacton	Cannonsville	Neversink	Average		
Date	release	release	release	beginning	beginning	beginning	June 1, 2004		
	begin 1200	end 2400	begin 1500	0800	0800	0800	to date		
July 5	120	397	67	452	296	95	760		
6	110	417	57	452	220	106	761		
7	116	290	64	300	197	106	757		
8	117	204	64	297	195	106	752		
9	117	506	71	300	197	105	749		
10	117	452	71	300	197	106	745		
11	117	292	71	300	196	106	741		
Pepacton Reservoir (P):			Available storage July 12, 2004 (0800) Spillway crest elevation 1,280.00 ft.		3 billion gals. 92.4 0 billion gallons.	% (elev. 1,274.07	ft.)		
Cannonsville Reservoir (C):			Available storage July 12, 2004 (0800) Spillway crest elevation 1,150.00 ft.	83.678 billion gals. 87.4 % (elev. 1,141.94 ft.) 95.706 billion gallons.					
			1 111 J 10 0004 (0000)						

Neversink Reservoir (N):

Combined contents, PCN:

Lake Wallenpaupack:

Available storage July 12, 2004 (0800) Spillway crest elevation 1,280.00 ft. Available storage July 12, 2004 (0800) Spillway crest elevation 1,150.00 ft. Available storage July 12, 2004 (0800) Spillway crest elevation 1,440.00 ft. Available storage July 12, 2004 (0800) Combined capacity at spillway level. Available storage July 11, 2004 (2400) Spillway crest elevation 1,190.00 ft.

140.190 billion gallons.
83.678 billion gals. 87.4 % (elev. 1,141.94 ft.)
95.706 billion gallons.
31.906 billion gals. 91.3 % (elev. 1,433.70 ft.)
34.941 billion gallons.
245.067 billion gals. 90.5 %
270.837 billion gallons.
26.862 billion gals. 75.8 % (elev. 1,185.4 ft.)
35.451 billion gallons.

# 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

									Excess		
	Releases from N.Y.C. Reservoirs				Power releases Co		Computed		Release	Precipitation	
Date	Directed		Cannons-	Never-	Wallen-	Rio	uncon-	Total	Credits <sup>3</sup>	(in	iches)
	release <sup>1</sup>	Pepacton	ville	sink	paupack	Reservoir	trolled <sup>2</sup>	Discharge	Daily   Cumul.	Daily	Cumul.
July 5	1,030	186	739	104	0	0	711	1,740	-10 1,402	.01	.04
6	1,107	186	818	104	1	0	681	1,790	40 1,442	.37	.41
7	903	186	614	104	337	43	866	2,150	400 1,842	0	.41
8	920	186	645	88	457	0	954	2,330	580 2,422	.21	.62
9	718	170	449	99	280	0	1,222	2,220	470 2,892	.01	.63
10	544	179	316	99	378	71	1,037	2,080	330 3,222	0	.63
11	1,074	181	783	110	0	0	796	1,870	120 3,342	0	.63

1. Release directed to maintain a flow at Montague of 1,820 cfs.

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

3. The excess-release quantity for the seasonal period beginning June 15, 2004 is 13,556 cfs-days. Under normal conditions, 7,856 cfs-days are to be released and 5,700 cfs-days are to be used for a habitat bank per DRBC Docket No. D-77-20 CP, Revision 7.

Diversions by New Jersey through the Delaware & Raritan Canal July 5 - 11, 2004 averaged 93.1 mgd. The average diversion for the 30-day period ending July 11, 2004 was 89.8 mgd and the maximum diversion during the period was 95 mg on July 5 and 11, 2004.

## Web address: http://water.usgs.gov/orh/nrwww/odrm

Summary river data for July 12 - 18, 2004 (preliminary data-subject to revision)

### RESERVOIR OPERATION DATA

Millions of gallons - 24 hour period, local time

		Discharge to riv	er	Diversions to New York City water supply						
	Pepacton	Cannonsville	e Neversink	Pepacton	Cannonsville	Neversink	Average			
Date	release	release	release	beginning	beginning	beginning	June 1, 2004			
	begin 1200	end 2400	begin 1500	0800	0800	0800	to date			
July 12	117	243	71	302	196		738			
13	117	200	71	303	196	99	735			
14	107	200	60	303	196	98	732			
15	105	200	60	301	194	147	730			
16	105	199	60	303	196	159	728			
17	105	200	60	299	194	146	726			
18	105	200	60	303	196	146	724			
	Pepacton Reservoir (P):				ailable storage July 19, 2004 (0800) Spillway crest elevation 1,280.00 ft.	127.794 billion gals. 91.2 % (elev. 1,273.11 ft.) 140.190 billion gallons.				
	Cannonsville Reservoir (C):		ailable storage July 19, 2004 (0800) Spillway crest elevation 1,150.00 ft.	82.102 billion gals. 85.8 % (elev. 1,140.85 ft.) 95.706 billion gallons.						
	Neversink Reservoir (N):		ailable storage July 19, 2004 (0800) Spillway crest elevation 1,440.00 ft.	31.466 billion gals. 90.1 % (elev. 1,432.76 ft.) 34.941 billion gallons.						
	Combined contents, PCN:		ailable storage July 19, 2004 (0800) Combined capacity at spillway level.	241.362 billion gals. 89.1 % 270.837 billion gallons.						

Lake Wallenpaupack:

# SEGREGATION OF FLOW, DELAWARE RIVER AT MONTAGUE AND PRECIPITATION IN UPPER DELAWARE RIVER BASIN

26.315 billion gals. 74.2 % (elev. 1,185.1 ft.)

35.451 billion gallons.

Available storage July 18, 2004 (2400)

Spillway crest elevation 1,190.00 ft.

Discharge in cubic feet per second, local time as routed to Montague

									Excess		
		Power releases Comp		Computed	Computed		Precipitation				
Date	Directed		Cannons-	Never-	Wallen-	Rio	uncon-	Total	Credits <sup>3</sup>	(in	nches)
	release 1	Pepacton	ville	sink	paupack	Reservoir	trolled <sup>2</sup>	Discharge	Daily   Cumul.	Daily	Cumul.
July 12	1,009	181	699	110	6	0	744	1,740	-10 3,332	0	.63
13	743	181	452	110	250	0	1,017	2,010	260 3,592	.80	1.43
14	665	181	376	110	373	0	1,130	2,170	420 4,012	.02	1.45
15	399	181	309	110	349	0	1,461	2,410	399 4,411	.69	2.14
16	370	181	309	93	290	0	2,577	3,450	370 4,781	.22	2.36
17	358	166	309	93	521	0	2,271	3,360	358 5,139	.15	2.51
18	0	162	308	93	0	0	1,987	2,550	0 5,139	.14	2.65

1. Release directed to maintain a flow at Montague of 1,820 cfs.

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

3. The excess-release quantity for the seasonal period beginning June 15, 2004 is 13,556 cfs-days. Under normal conditions, 7,856 cfs-days are to be released and 5,700 cfs-days are to be used for a habitat bank per DRBC Docket No. D-77-20 CP, Revision 7.

Diversions by New Jersey through the Delaware & Raritan Canal July 12 - 18, 2004 averaged 89.0 mgd. The average diversion for the 30-day period ending July 18, 2004 was 88.9 mgd and the maximum diversion during the period was 95 mg on July 5 and 11, 2004.

## Web address: http://water.usgs.gov/orh/nrwww/odrm

Summary river data for July 19 - 25, 2004 (preliminary data-subject to revision)

### RESERVOIR OPERATION DATA

Millions of gallons - 24 hour period, local time

	Discharge to	river	I	Diversions to New Y	ork City water supply	7	
Pepacton	Cannonsv	ille Neversink	Pepacton	Cannonsville	Neversink	Average	
release	release	release	beginning	beginning	beginning	June 1, 2004	
begin 1200	end 2400	begin 1500	0800	0800	0800	to date	
83	202	60	303	196	143	723	
80	258	60	300	235	188	723	
88	407	60	302	263	194	723	
94	375	60	305	243	193	724	
95	258	53	64	63	68	714	
106	204	34	0	0	0	701	
XX	204	XX	0	0	0	688	
epacton Reservoir (P):		Available storage July 26, 2004 (0800)	126.831	billion gals. 90.5	5 % (elev. 1,272.56 ft	.)	
		Spillway crest elevation 1,280.00 ft.	140.190	billion gallons.			
Cannonsville Reservoir (C):		Available storage July 26, 2004 (0800)			2 % (elev. 1,139.77 ft	.)	
		Spillway crest elevation 1,150.00 ft.	95.706	billion gallons.			
Neversink Reservoir (N):		Available storage July 26, 2004 (0800)			3 % (elev. 1,437.72 ft	.)	
		Spillway crest elevation 1,440.00 ft.	34.941	billion gallons.			
Combined contents, PCN:		1 2			1 %		
ake Wallenpaupack:				0	2 % (elev. 1,184.7 ft.	)	
	release begin 1200 83 80 88 94 95 106 xx	PepactonCannonsvreleasereleasebegin 1200end 24008320280258884079437595258106204xx204	PepactonCannonsvilleNeversinkreleasereleasereleasebegin 1200end 2400begin 15008320260802586088407609437560952585310620434xx204xxepacton Reservoir (P):Available storage July 26, 2004 (0800) Spillway crest elevation 1,280.00 ft.annonsville Reservoir (C):Available storage July 26, 2004 (0800) Spillway crest elevation 1,150.00 ft.reversink Reservoir (N):Available storage July 26, 2004 (0800) Spillway crest elevation 1,440.00 ft.ombined contents, PCN:Available storage July 26, 2004 (0800) Combined capacity at spillway level.	PepactonCannonsvilleNeversinkPepactonreleasereleasereleasebeginningbegin 1200end 2400begin 150008008320260303802586030088407603029437560305952585364106204340xx204xx0epacton Reservoir (P):Available storage July 26, 2004 (0800)126.831annonsville Reservoir (C):Available storage July 26, 2004 (0800)126.831ceversink Reservoir (N):Available storage July 26, 2004 (0800)33.823Spillway crest elevation 1,150.00 ft.95.706eversink Reservoir (N):Available storage July 26, 2004 (0800)33.823Spillway crest elevation 1,440.00 ft.34.941ombined contents, PCN:Available storage July 26, 2004 (0800)241.211Combined capacity at spillway level.270.837	PepactonCannonsvilleNeversinkPepactonCannonsvillereleasereleasereleasebeginningbeginningbegin 1200end 2400begin 1500080008008320260303196802586030023588407603022639437560305243952585364631062043400xx204xx00epacton Reservoir (P):Available storage July 26, 2004 (0800)126.831 billion gals. 90.5annonsville Reservoir (C):Available storage July 26, 2004 (0800)80.557 billion gallons.eversink Reservoir (N):Available storage July 26, 2004 (0800)33.823 billion gallons.ombined contents, PCN:Available storage July 26, 2004 (0800)241.211 billion gallons.Combined capacity at spillway level.270.837 billion gallons.	Pepacton         Cannonsville         Neversink         Pepacton         Cannonsville         Neversink           release         release         release         beginning         beginning         beginning         beginning           begin 1200         end 2400         begin 1500         0800         0800         0800         0800           83         202         60         303         196         143           80         258         60         300         235         188           94         375         60         302         263         194           95         258         53         64         63         68           106         204         34         0         0         0           xx         204         xx         0         0         0           epacton Reservoir (P):         Available storage July 26, 2004 (0800)         126.831 billion gals.         90.5 % (elev. 1,272.56 ft           annonsville Reservoir (C):         Available storage July 26, 2004 (0800)         80.557         140.190 billion gallons.           eversink Reservoir (N):         Available storage July 26, 2004 (0800)         33.823 billion gals.         94.2 % (elev. 1,437.72 ft           ombined contents, PCN:<	

# SEGREGATION OF FLOW, DELAWARE RIVER AT MONTAGUE AND PRECIPITATION IN UPPER DELAWARE RIVER BASIN

35.451 billion gallons.

Spillway crest elevation 1,190.00 ft.

Discharge in cubic feet per second, local time as routed to Montague

									Excess			
	Releases from N.Y.C. Reservoirs				Power releases Co		Computed		Release		Precipitation	
Date	Directed		Cannons-	Never-	Wallen-	Rio	uncon-	Total	Credits <sup>3</sup>	(in	ches)	
	release 1	Pepacton	ville	sink	paupack	Reservoir	trolled <sup>2</sup>	Discharge	Daily   Cumul.	Daily	Cumul.	
July 19	0	162	309	93	4	0	2,122	2,690	0 5,139	.53	3.18	
20	0	162	309	93	286	0	2,750	3,600	0 5,139	.09	3.27	
21	0	162	312	93	264	0	2,279	3,110	0 5,139	0	3.27	
22	0	128	399	93	279	0	1,871	2,770	0 5,139	0	3.27	
23	0	124	630	93	355	0	1,488	2,690	0 5,139	.01	3.28	
24	0	136	580	93	299	0	3,532	4,640	0 5,139	.92	4.20	
25	0	145	399	82	348	71	3,505	4,550	0 5,139	0	4.20	

1. Release directed to maintain a flow at Montague of 1,820 cfs.

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

3. The excess-release quantity for the seasonal period beginning June 15, 2004 is 13,556 cfs-days. Under normal conditions, 7,856 cfs-days are to be released and 5,700 cfs-days are to be used for a habitat bank per DRBC Docket No. D-77-20 CP, Revision 7.

Diversions by New Jersey through the Delaware & Raritan Canal July 19 - 25, 2004 averaged 92.0 mgd. The average diversion for the 30-day period ending July 25, 2004 was 89.0 mgd and the maximum diversion during the period was 95 mg on July 5, 11, and 25, 2004.

## Web address: http://water.usgs.gov/orh/nrwww/odrm

Summary river data for July 26 - August 1, 2004 (preliminary data-subject to revision)

#### **RESERVOIR OPERATION DATA**

Millions of gallons - 24 hour period, local time

		Discharge to riv	ver		Diversions to New York City water supply				
	Pepacton	Cannonsvill	le Neve	rsink	Pepacton	Cannonsville	Neversink	Average	
Date	release	release	release	spill	beginning	beginning	beginning	June 1, 2004	
	begin 1200	end 2400	begin 1500	begin 0800	0800	0800	0800	to date	
July 26	108	204	32	0	0	0	0	676	
27	23	120	16	0	0	0	129	666	
28	23	41	16	0	0	0	355	661	
29	23	40	16	5	0	0	354	655	
30	23	40	16	2	0	0	386	651	
31	23	40	16	0	0	0	388	647	
Aug. 1	23	40	16	0	0	0	382	642	
1	Pepacton Reservoir (P):	А	vailable storage Aug. 2, 2 Spillway crest elevation	· /	131.915 billion gals. 94.1 % (elev. 1,275.44 ft.) 140.190 billion gallons.				
Cannonsville Reservoir (C):		А	vailable storage Aug. 2, 2 Spillway crest elevation	88.042 billion gallons. 95.706 billion gallons.					
Neversink Reservoir (N):			vailable storage Aug. 2, 2	34.665 billion gals. 99.2 % (elev. 1,439.44 ft.)					

Spillway crest elevation 1,440.00 ft.

Available storage Aug. 2, 2004 (0800)

Available storage Aug. 1, 2004 (2400)

Combined capacity at spillway level.

Spillway crest elevation 1,190.00 ft.

23.760 billion gals. 67.0 % (elev. 1,183.7 ft.)

34.941 billion gallons.

270.837 billion gallons.

35.451 billion gallons.

254.622 billion gals. 94.0 %

Excess Releases from N.Y.C. Reservoirs Power releases Computed Release Precipitation Credits<sup>3</sup> Date Directed Cannons-Never-Wallen-Rio uncon-Total (inches) trolled<sup>2</sup> release 1 ville sink Discharge Daily | Cumul. Daily Cumul. Pepacton paupack Reservoir 0 147 316 398 89 2,387 0 5.139 0 4.20 July 26 53 3,390 27 0 164 316 53 498 57 1,922 3,010 0 5,139 .24 4.44 28 0 170 316 50 1,113 0 9,151 10,800 0 5,139 1.43 5.87 29 25 184 0 167 186 703 10,635 11,900 0 5.139 .19 6.06 30 0 36 63 25 807 330 8,659 9.920 0 5,139 6.06 0 31 0 36 62 25 742 113 5.452 6,430 0 5,139 .06 6.12 25 0 36 62 501 0 4,446 5.070 0 5,139 .26 .26 Aug. 1

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

1. Release directed to maintain a flow at Montague of 1,820 cfs.

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

Combined contents, PCN:

Lake Wallenpaupack:

3. The excess-release quantity for the seasonal period beginning June 15, 2004 is 13,556 cfs-days. Under normal conditions, 7,856 cfs-days are to be released and 5,700 cfs-days are to be used for a habitat bank per DRBC Docket No. D-77-20 CP, Revision 7.

Diversions by New Jersey through the Delaware & Raritan Canal July 26 - August 1, 2004 averaged 89.9 mgd. The average diversion for the 30-day period ending August 1, 2004 was 90.5 mgd and the maximum diversion during the period was 95 mg on July 5, 11, 25, 26, and 31, 2004.