

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA.

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

Summary river data for September 4 - 10, 2006 (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, 2006 to date
	release begin 1200	release end 2400	spill begin 0800	release begin 1500	beginning 0800	beginning 0800	beginning 0800		
Sept. 4	23	103	379	16	492	0	0	540	
5	23	102	385	16	492	0	0	539	
6	32	101	368	16	492	0	0	539	
7	49	99	339	18	492	0	0	538	
8	60	101	297	32	492	0	0	538	
9	70	101	261	45	492	0	0	537	
10	77	101	234	46	492	0	0	537	

Pepacton Reservoir (P):	Available storage Sept. 11, 2006 (0800) Spillway crest elevation 1,280.00 ft.	127.495 billion gals. 90.9 % (elev. 1,272.94 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Sept. 11, 2006 (0800) Spillway crest elevation 1,150.00 ft.	96.703 billion gals. 101.0 % (elev. 1,150.62 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Sept. 11, 2006 (0800) Spillway crest elevation 1,440.00 ft.	24.104 billion gals. 69.0 % (elev. 1,415.79 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Sept. 11, 2006 (0800) Combined capacity at spillway level.	248.302 billion gals. 91.7 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Sept. 10, 2006 (2400) Spillway crest elevation 1,190.00 ft.	16.082 billion gals. 45.4 % (elev. 1,179.4 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

Date	Releases from N.Y.C. Reservoirs				Power releases		Computed uncon- trolled ²	Total Discharge	Precipitation (inches)	
	Directed release ¹	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			Daily	Cumul.
	Sept. 4	0	36	161	25	471	0	4,377	5,070	.01
5	0	36	155	25	2	0	3,992	4,210	0	.86
6	0	36	159	25	507	89	3,554	4,370	.12	.98
7	0	36	158	25	482	152	3,167	4,020	.02	1.00
8	0	36	156	25	781	152	2,730	3,880	0	1.00
9	0	50	153	28	785	149	2,405	3,570	0	1.00
10	0	76	156	50	757	152	2,179	3,370	.08	1.08

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

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

Diversions by New Jersey through the Delaware and Raritan Canal September 4 - 10, 2006 averaged 92.3 mgd. The average diversion for the 30-day period ending September 10, 2006 was 93.6 mgd and the maximum diversion during the period was 101 mg on August 16, 2006.

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Summary river data for September 11 - 17, 2006 (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, 2006 to date
	release begin 1200	release end 2400	spill begin 0800	release begin 1500	beginning 0800	beginning 0800	beginning 0800		
Sept. 11	88	101	206	55	492	0	0	536	
12	90	100	177	55	491	0	0	536	
13	90	100	148	55	491	0	0	536	
14	70	100	180	31	491	0	0	535	
15	52	100	360	16	491	0	0	535	
16	36	100	453	16	491	0	0	534	
17	36	100	451	16	491	0	0	534	

Pepacton Reservoir (P):	Available storage Sept. 18, 2006 (0800) Spillway crest elevation 1,280.00 ft.	126.761 billion gals. 90.4 % (elev. 1,272.52 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Sept. 18, 2006 (0800) Spillway crest elevation 1,150.00 ft.	97.267 billion gals. 101.6 % (elev. 1,150.97 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Sept. 18, 2006 (0800) Spillway crest elevation 1,440.00 ft.	25.959 billion gals. 74.3 % (elev. 1,420.29 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Sept. 18, 2006 (0800) Combined capacity at spillway level.	249.987 billion gals. 92.3 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Sept. 17, 2006 (2400) Spillway crest elevation 1,190.00 ft.	15.026 billion gals. 42.4 % (elev. 1,178.8 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

Date	Releases from N.Y.C. Reservoirs				Power releases		Computed uncon- trolled ²	Total Discharge	Precipitation (inches)	
	Directed release ¹	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			Daily	Cumul.
	Sept. 11	0	93	156	70	620	145	2,016	3,100	0
12	0	108	156	71	705	149	1,811	3,000	0	1.08
13	0	119	156	85	721	149	1,640	2,870	.02	1.10
14	0	136	155	85	738	64	1,612	2,790	.18	1.28
15	0	139	155	85	738	89	6,614	7,820	1.79	3.07
16	0	139	155	48	786	596	12,876	14,600	.38	3.45
17	0	108	155	25	787	241	8,984	10,300	0	3.45

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

2. Includes conservation release of 60 cfs from Rio Reservoir.

Diversions by New Jersey through the Delaware and Raritan Canal September 11 - 17, 2006 averaged 92.3 mgd. The average diversion for the 30-day period ending September 17, 2006 was 92.4 mgd and the maximum diversion during the period was 100 mg on August 22 and 26, 2006.

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Summary river data for September 18 - 24, 2006 (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, 2006 to date
	release begin 1200	release end 2400	spill begin 0800	release begin 1500	beginning 0800	beginning 0800	beginning 0800		
Sept. 18	45	100	433	16	492	0	0	534	
19	46	99	385	16	492	0	0	533	
20	56	101	340	16	491	0	0	533	
21	70	100	306	26	491	0	0	532	
22	80	257	236	33	491	0	0	532	
23	80	645	144	33	491	0	0	532	
24	80	645	77	37	491	0	0	531	

Pepacton Reservoir (P):	Available storage Sept. 25, 2006 (0800) Spillway crest elevation 1,280.00 ft.	125.331 billion gals. 89.4 % (elev. 1,271.70 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Sept. 25, 2006 (0800) Spillway crest elevation 1,150.00 ft.	95.835 billion gals. 100.1 % (elev. 1,150.08 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Sept. 25, 2006 (0800) Spillway crest elevation 1,440.00 ft.	26.723 billion gals. 76.5 % (elev. 1,422.10 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Sept. 25, 2006 (0800) Combined capacity at spillway level.	247.889 billion gals. 91.5 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Sept. 24, 2006 (2400) Spillway crest elevation 1,190.00 ft.	13.091 billion gals. 36.9 % (elev. 1,177.7 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

Date	Releases from N.Y.C. Reservoirs				Power releases		Computed uncon- trolled ²	Total Discharge	Precipitation (inches)	
	Directed release ¹	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			Daily	Cumul.
	Sept. 18	0	80	155	25	776	53	6,781	7,870	0
19	0	56	155	25	816	220	5,428	6,700	0	3.45
20	0	56	155	25	866	206	4,772	6,080	.12	3.57
21	0	70	153	25	913	280	4,169	5,610	.01	3.58
22	0	71	156	25	909	245	3,624	5,030	0	3.58
23	0	87	155	40	913	206	3,189	4,590	.10	3.68
24	0	108	398	51	913	149	3,201	4,820	.02	3.70

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

2. Includes conservation release of 60 cfs from Rio Reservoir.

Diversions by New Jersey through the Delaware and Raritan Canal September 18 - 24, 2006 averaged 95.3 mgd. The average diversion for the 30-day period ending September 24, 2006 was 92.1 mgd and the maximum diversion during the period was 100 mg on August 26, 2006.

Date	Releases from N.Y.C. Reservoirs				Power releases		Computed uncontrolled ²	Total Discharge	Precipitation	
	Directed release ¹	Pepacton	Cannonsville	Neversink	Wallenpaupack	Rio Reservoir			(inches)	
							Daily	Cumul.		

2. Includes conservation release of 100 cfs from Rio Reservoir and spills from Pepacton, Cannonsville, and Neversink Reservoirs.

3. The excess-release quantity for the seasonal period beginning June 15, 2005 is 11,418 cfs-days. Under normal conditions, 5,718 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 and Raritan Canal January 30 - February 5, 2006 averaged 90.1 mgd. The average diversion for the 30-day period ending February 5, 2006 was 86.5 mgd and the maximum diversion during the period was 95 mgd on January 22, 2006.

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Summary river data for September 25 - October 1, 2006 (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, 2006 to date
	release begin 1200	release end 2400	spill begin 0800	release begin 1500	beginning 0800	beginning 0800	beginning 0800		
Sept. 25	64	645	2	48	497	0	0	531	
26	65	645	0	48	498	0	0	531	
27	65	645	0	48	493	0	1	531	
28	65	643	0	48	498	0	98	531	
29	65	648	0	48	497	0	110	532	
30	63	649	0	46	497	0	56	532	
Oct. 1	55	650	0	42	498	0	128	533	

Pepacton Reservoir (P):	Available storage Oct. 2, 2006 (0800) Spillway crest elevation 1,280.00 ft.	125.279 billion gals. 89.4 % (elev. 1,271.67 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Oct. 2, 2006 (0800) Spillway crest elevation 1,150.00 ft.	95.539 billion gals. 99.8 % (elev. 1,149.89 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Oct. 2, 2006 (0800) Spillway crest elevation 1,440.00 ft.	26.923 billion gals. 77.1 % (elev. 1,422.57 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Oct. 2, 2006 (0800) Combined capacity at spillway level.	247.741 billion gals. 91.5 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Oct. 1, 2006 (2400) Spillway crest elevation 1,190.00 ft.	11.169 billion gals. 31.5 % (elev. 1,176.6 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

Date	Releases from N.Y.C. Reservoirs				Power releases		Computed uncon- trolled ²	Total Discharge	Precipitation (inches)	
	Directed release ¹	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			Daily	Cumul.
	Sept. 25	0	124	998	51	913	142	2,592	4,820	.04
26	0	124	998	57	913	206	2,232	4,530	0	3.74
27	0	124	998	74	914	188	1,932	4,230	0	3.74
28	0	99	998	74	914	199	1,806	4,090	0	3.74
29	0	101	998	74	914	199	4,504	6,790	1.11	4.85
30	0	101	995	74	914	184	8,032	10,300	.05	4.90
Oct. 1	0	101	1,002	74	914	195	5,654	7,940	.36	.36

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

2. Includes conservation release of 60 cfs from Rio Reservoir.

Diversion by New Jersey through the Delaware and Raritan Canal September 25 - October 1, 2006 averaged 97.9 mgd. The average diversion for the 30-day period ending October 1, 2006 was 93.2 mgd and the maximum diversion during the period was 100 mgd on September 28, 2006.