

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA.

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

Summary river data for May 7 - 13, 2007 (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	spill begin 0800	release end 2400	spill begin 0800	release begin 1500	beginning 0800	beginning 0800	beginning 0800	
May 7	65	34	92	0	48	399	299	99	440
8	65	0	85	0	48	399	299	91	441
9	73	0	78	0	57	399	299	100	442
10	75	0	85	0	58	372	254	100	443
11	75	0	78	10	58	401	298	101	444
12	75	0	75	22	58	400	298	0	445
13	75	0	70	23	58	401	298	0	446

Pepacton Reservoir (P):	Available storage May 14, 2007 (0800) Spillway crest elevation 1,280.00 ft.	139.472 billion gals. 99.5% (elev. 1,279.61 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage May 14, 2007 (0800) Spillway crest elevation 1,150.00 ft.	95.931 billion gals. 100.2 % (elev. 1,150.14 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage May 14, 2007 (0800) Spillway crest elevation 1,440.00 ft.	34.538 billion gals. 98.8 % (elev. 1,439.18 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage May 14, 2007 (0800) Combined capacity at spillway level.	269.941 billion gals. 99.7% 270.837 billion gallons.
Lake Wallenpaupack:	Available storage May 13, 2007 (2400) Spillway crest elevation 1,190.00 ft.	28.328 billion gals. 79.9 % (elev. 1,186.2 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.
	May 7	0	102	198	74	0	316	3,130	3,820	0
8	0	101	142	74	237	14	3,022	3,590	0	.17
9	0	101	142	74	247	14	2,702	3,280	0	.17
10	0	101	131	74	230	99	2,535	3,170	0	.17
11	0	101	121	88	253	234	2,813	3,610	.52	.69
12	0	113	131	90	153	174	3,759	4,420	0	.69
13	0	116	121	90	0	113	3,490	3,930	.04	.73

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

2. Includes conservation release from Rio Reservoir and spills from Pepacton and Cannonsville Reservoirs.

Diversions by New Jersey through the Delaware and Raritan Canal May 7 - 13, 2007, averaged 93.7 mgd. The average diversion for the 30-day period ending May 13, 2007 was 67.1 mgd and the maximum daily diversion was 97 mgd on May 10, 2007.

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Summary river data for May 14 - 20, 2007 (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		
May 14	75	70	21	58	401	298	74	447	
15	83	74	13	58	56	376	183	447	
16	76	79	3	58	368	306	63	448	
17	75	69	3	58	401	299	90	449	
18	75	74	3	69	435	299	91	450	
19	75	88	0	70	449	299	0	451	
20	72	94	0	66	449	299	0	452	

Pepacton Reservoir (P):	Available storage May 21, 2007 (0800) Spillway crest elevation 1,280.00 ft.	139.234 billion gals. 99.3% (elev. 1,279.48 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage May 21, 2007 (0800) Spillway crest elevation 1,150.00 ft.	95.615 billion gals. 99.9 % (elev. 1,149.94 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage May 21, 2007 (0800) Spillway crest elevation 1,440.00 ft.	34.262 billion gals. 98.1 % (elev. 1,438.62 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage May 21, 2007 (0800) Combined capacity at spillway level.	269.111 billion gals. 99.4% 270.837 billion gallons.
Lake Wallenpaupack:	Available storage May 20, 2007 (2400) Spillway crest elevation 1,190.00 ft.	28.886 billion gals. 81.5 % (elev. 1,186.5 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.
	May 14	0	116	116	90	0	50	3,028	3,400	0
15	0	116	108	90	0	255	2,661	3,230	0	.73
16	0	116	108	90	0	319	2,467	3,100	0	.73
17	0	116	114	90	0	369	2,481	3,170	.32	1.05
18	0	128	122	90	79	333	2,698	3,450	.01	1.06
19	0	118	107	90	0	78	2,427	2,820	0	1.06
20	0	116	114	107	0	0	2,303	2,640	.11	1.17

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

2. Includes conservation release from Rio Reservoir and spill from Cannonsville Reservoir.

Diversions by New Jersey through the Delaware and Raritan Canal May 14 - 20, 2007, averaged 89.1 mgd. The average diversion for the 30-day period ending May 20, 2007 was 88.8 mgd and the maximum daily diversion was 97 mgd on May 10, 2007.

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Summary river data for May 21 - 27, 2007 (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	release begin 1500	beginning 0800	beginning 0800	beginning 0800	
May 21	78	92	74	449	299	76	453
22	80	98	75	450	299	77	454
23	80	100	75	450	299	75	455
24	88	123	75	450	299	78	456
25	90	165	75	271	299	210	457
26	90	147	75	401	299	164	458
27	90	124	75	401	299	167	459

Pepacton Reservoir (P):	Available storage May 28, 2007 (0800) Spillway crest elevation 1,280.00 ft.	137.985 billion gals. 98.4 % (elev. 1,278.80 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage May 28, 2007 (0800) Spillway crest elevation 1,150.00 ft.	94.291 billion gals. 98.5 % (elev. 1,149.07 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage May 28, 2007 (0800) Spillway crest elevation 1,440.00 ft.	33.456 billion gals. 95.7 % (elev. 1,436.96 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage May 28, 2007 (0800) Combined capacity at spillway level.	265.732 billion gals. 98.1 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage May 27, 2007 (2400) Spillway crest elevation 1,190.00 ft.	28.886 billion gals. 81.5 % (elev. 1,186.5 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.
	May 21	0	116	136	108	0	0	2,240	2,600	.01
22	0	116	145	102	0	14	2,163	2,540	0	1.18
23	0	111	142	114	0	46	1,977	2,390	0	1.18
24	0	121	152	116	0	113	1,878	2,380	0	1.18
25	0	124	155	116	0	160	1,755	2,310	0	1.18
26	0	124	190	116	228	96	1,606	2,360	0	1.18
27	265	136	255	116	0	0	1,563	2,070	0	1.18

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

2. Includes conservation release from Rio Reservoir.

Diversions by New Jersey through the Delaware and Raritan Canal May 21 - 27, 2007, averaged 94.3 mgd. The average diversion for the 30-day period ending May 27, 2007 was 90.1 mgd and the maximum daily diversion was 97 mgd on May 10, 2007.

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Summary river data for May 28 - June 3, 2007 (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, 2006/2007 to date
	release begin 1200	release end 2400	release begin 1500	beginning 0800	beginning 0800	beginning 0800	
May 28	90	120	75	401	299	167	460
29	90	131	85	446	299	81	461
30	90	144	75	413	299	52	462
31	91	148	76	400	299	53	463
June 1	90	274	84	367	299	52	718
2	89	238	86	350	299	0	684
3	60	144	80	350	87	0	601

Pepacton Reservoir (P):	Available storage June 4, 2007 (0800) Spillway crest elevation 1,280.00 ft.	136.526 billion gals. 97.4 % (elev. 1,278.00 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage June 4, 2007 (0800) Spillway crest elevation 1,150.00 ft.	92.451 billion gals. 96.6 % (elev. 1,147.86 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage June 4, 2007 (0800) Spillway crest elevation 1,440.00 ft.	32.900 billion gals. 94.2 % (elev. 1,435.80 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage June 4, 2007 (0800) Combined capacity at spillway level.	261.877 billion gals. 96.7 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage June 3, 2007 (2400) Spillway crest elevation 1,190.00 ft.	28.886 billion gals. 81.5 % (elev. 1,186.5 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.
	May 28	442	139	227	116	0	0	1,548	2,030	.22
29	219	139	192	116	0	177	1,576	2,200	0	1.40
30	329	139	186	116	0	0	1,599	2,040	0	1.40
31	275	139	203	131	0	0	1,367	1,840	0	1.40
June 1	450	139	223	116	0	0	1,292	1,770	.02	.02
2	293	139	229	118	275	0	1,219	1,980	0	.02
3	678	141	424	130	0	0	1,205	1,900	.23	.25

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

2. Includes conservation release from Rio Reservoir.

Diversions by New Jersey through the Delaware and Raritan Canal May 28 - June 3, 2007, averaged 94.3 mgd. The average diversion for the 30-day period ending June 3, 2007 was 92.6 mgd and the maximum daily diversion was 97 mg on May 10, 2007.