

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA.

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

Summary river data for April 2 - 8, 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	spill begin 0800	beginning 0800	beginning 0800	beginning 0800	
Apr. 2	452	475	640	946	2	308	300	58	0	439
3	452	264	647	701	98	295	311	0	165	439
4	452	250	646	630	78	294	353	0	16	439
5	452	235	646	598	102	301	353	0	94	439
6	452	145	647	524	118	109	353	0	94	439
7	452	63	647	417	122	130	354	0	0	439
8	452	14	646	312	122	121	353	0	0	439

Pepacton Reservoir (P):	Available storage Apr. 9, 2007 (0800) Spillway crest elevation 1,280.00 ft.	140.098 billion gals. 99.9% (elev. 1,279.95 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Apr. 9, 2007 (0800) Spillway crest elevation 1,150.00 ft.	96.848 billion gals. 101.2% (elev. 1,150.71 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Apr. 9, 2007 (0800) Spillway crest elevation 1,440.00 ft.	35.045 billion gals. 100.3% (elev. 1,440.21 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Apr.9, 2007 (0800) Combined capacity at spillway level.	271.991 billion gals. 100.4% 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Apr. 8, 2007 (2400) Spillway crest elevation 1,190.00 ft.	24.672 billion gals. 69.6% (elev. 1,184.2 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.
	Apr. 2	0	70	656	179	720	770	14,505	16,900	.23
3	0	475	982	170	827	770	12,176	15,400	.01	.24
4	0	699	990	3	827	770	10,911	14,200	0	.24
5	0	699	1,001	152	1,694	755	12,299	16,600	.53	.77
6	0	699	999	121	1,599	762	10,620	14,800	0	.77
7	0	699	999	158	1,254	762	8,528	12,400	0	.77
8	0	699	1,001	183	742	762	7,313	10,700	0	.77

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 April 2 - 8, 2007, averaged 86.7 mgd. The average diversion for the 30-day period ending April 8, 2007 was 85.4 mgd and the maximum daily diversion was 93 mgd on March 15, 2007.

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Summary river data for April 9 - 15, 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	spill begin 0800	beginning 0800	beginning 0800	beginning 0800	
Apr. 9	452	0	646	239	101	100	407	0	0	439
10	452	0	645	168	0	121	291	0	0	438
11	452	0	646	87	0	143	351	104	0	438
12	452	0	645	70	0	180	506	0	0	438
13	452	0	646	123	105	105	333	0	129	439
14	452	0	648	127	123	4	300	0	154	439
15	382	154	648	285	71	857	121	0	98	438

Pepacton Reservoir (P):	Available storage Apr. 16, 2007 (0800) Spillway crest elevation 1,280.00 ft.	141.783 billion gals. 101.1% (elev. 1,280.86 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Apr. 16, 2007 (0800) Spillway crest elevation 1,150.00 ft.	97.798 billion gals. 102.2% (elev. 1,151.30 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Apr. 16, 2007 (0800) Spillway crest elevation 1,440.00 ft.	35.983 billion gals. 103.0% (elev. 1,442.09 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Apr.16, 2007 (0800) Combined capacity at spillway level.	275.564 billion gals. 101.7% 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Apr. 15, 2007 (2400) Spillway crest elevation 1,190.00 ft.	25.585 billion gals. 72.2% (elev. 1,184.7 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.
	Apr. 9	0	699	1,001	189	571	709	6,431	9,600	0
10	0	699	999	189	697	408	5,558	8,550	0	.77
11	0	699	999	156	507	504	4,885	7,750	0	.77
12	0	699	998	0	492	369	5,032	7,590	.31	1.08
13	0	699	999	0	528	734	6,640	9,600	.23	1.31
14	0	699	998	0	554	702	6,097	9,050	0	1.31
15	0	699	999	162	0	170	8,470	10,500	.44	1.75

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

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

Diversions by New Jersey through the Delaware and Raritan Canal April 9 - 15, 2007, averaged 59.1 mgd. The average diversion for the 30-day period ending April 15, 2007 was 78.8 mgd and the maximum daily diversion was 94 mgd on April 10 and 11, 2007.

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Summary river data for April 16 - 22, 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	spill begin 0800	beginning 0800	beginning 0800	beginning 0800	
Apr. 16	23	2,884	651	1,354	17	2,696	0	0	0	436
17	23	3,605	464	2,338	111	949	0	0	0	435
18	23	3,011	33	2,836	123	538	0	0	0	434
19	23	2,564	29	3,167	123	427	0	0	0	432
20	23	2,393	29	3,247	123	427	0	0	0	431
21	23	2,040	29	2,848	123	416	315	0	0	431
22	23	1,680	63	2,365	123	432	399	0	0	431

Pepacton Reservoir (P):	Available storage Apr. 23, 2007 (0800) Spillway crest elevation 1,280.00 ft.	141.987 billion gals. 101.3% (elev. 1,280.97 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Apr. 23, 2007 (0800) Spillway crest elevation 1,150.00 ft.	99.826 billion gals. 104.3% (elev. 1,152.56 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Apr. 23, 2007 (0800) Spillway crest elevation 1,440.00 ft.	35.209 billion gals. 100.8% (elev. 1,440.54 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Apr. 23, 2007 (0800) Combined capacity at spillway level.	277.022 billion gals. 102.3% 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Apr. 22, 2007 (2400) Spillway crest elevation 1,190.00 ft.	28.143 billion gals. 79.4% (elev. 1,186.1 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.
	Apr. 16	0	699	1,002	190	1,447	752	52,710	56,800	2.56
17	0	699	1,002	110	1,722	766	49,201	53,500	.45	4.76
18	0	591	1,007	26	1,724	766	34,286	38,400	.01	4.77
19	0	36	718	172	1,724	766	28,084	31,500	0	4.77
20	0	36	51	190	1,724	766	25,433	28,200	0	4.77
21	0	36	45	190	648	762	22,019	23,700	0	4.77
22	0	36	45	190	0	759	19,170	20,200	0	4.77

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

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

Diversions by New Jersey through the Delaware and Raritan Canal April 16 - 22, 2007, averaged 24.1 mgd. The average diversion for the 30-day period ending April 22, 2007 was 65.9 mgd and the maximum daily diversion was 95 mgd on April 22, 2007.

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Summary river data for April 23 - 29, 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	spill begin 0800	beginning 0800	beginning 0800	beginning 0800	
Apr. 23	71	1,350	378	1,795	97	381	462	0	183	431
24	243	1,043	514	1,382	97	171	499	0	254	432
25	447	697	647	1,045	110	82	500	0	253	433
26	452	409	647	866	107	48	500	0	251	434
27	452	294	647	628	123	15	93	189	345	435
28	452	352	646	409	120	0	0	298	399	436
29	452	338	645	245	57	0	0	298	399	436

Pepacton Reservoir (P):	Available storage Apr. 30, 2007 (0800) Spillway crest elevation 1,280.00 ft.	140.838 billion gals. 100.5% (elev. 1,280.35 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Apr. 30, 2007 (0800) Spillway crest elevation 1,150.00 ft.	96.591 billion gals. 100.9 % (elev. 1,150.55 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Apr. 30, 2007 (0800) Spillway crest elevation 1,440.00 ft.	34.463 billion gals. 98.6 % (elev. 1,439.03 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Apr. 30, 2007 (0800) Combined capacity at spillway level.	271.892 billion gals. 100.4% 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Apr. 29, 2007 (2400) Spillway crest elevation 1,190.00 ft.	27.957 billion gals. 78.9 % (elev. 1,186.0 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.
	Apr. 23	0	36	45	190	603	755	16,671	18,300	0
24	0	36	97	190	1,724	713	13,740	16,500	.01	4.78
25	0	36	585	150	1,151	383	11,095	13,400	0	4.78
26	0	110	795	150	392	493	10,760	12,700	.37	5.15
27	0	376	1,001	170	427	362	9,564	11,900	.15	5.30
28	0	692	1,001	166	317	532	7,992	10,700	.02	5.32
29	0	699	1,001	190	0	748	6,942	9,580	.04	5.36

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

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

Diversions by New Jersey through the Delaware and Raritan Canal April 23 - 29, 2007, averaged 84.0 mgd. The average diversion for the 30-day period ending April 29, 2007 was 65.4 mgd and the maximum daily diversion was 96 mgd on April 26, 2007.

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Summary river data for April 30 - May 6, 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	
Apr. 30	452	213	645	94	42	0	288	394	437
May 1	452	228	644	64	43	0	99	121	436
2	326	190	586	53	48	0	250	113	436
3	139	188	426	29	48	0	455	195	437
4	66	170	254	14	48	239	360	86	438
5	65	112	128	0	48	401	299	0	438
6	65	68	92	0	48	392	299	0	439

Pepacton Reservoir (P):	Available storage May 7, 2007 (0800) Spillway crest elevation 1,280.00 ft.	140.283 billion gals. 100.1% (elev. 1,280.05 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage May 7, 2007 (0800) Spillway crest elevation 1,150.00 ft.	95.600 billion gals. 99.9% (elev. 1,149.93 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage May 7, 2007 (0800) Spillway crest elevation 1,440.00 ft.	34.508 billion gals. 98.8% (elev. 1,439.12 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage May 7, 2007 (0800) Combined capacity at spillway level.	270.391 billion gals. 99.8% 270.837 billion gallons.
Lake Wallenpaupack:	Available storage May 6, 2007 (2400) Spillway crest elevation 1,190.00 ft.	27.957 billion gals. 78.9% (elev. 1,186.0 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.
	Apr. 30	0	699	999	186	64	741	6,361	9,050	.01
May 1	0	699	998	88	512	738	5,585	8,620	0	0
2	0	699	998	65	661	727	4,610	7,760	.17	.17
3	0	699	996	67	360	716	4,422	7,260	0	.17
4	0	699	907	74	371	262	3,717	6,030	0	.17
5	0	504	659	74	240	305	3,268	5,050	0	.17
6	0	215	393	74	0	309	3,339	4,330	0	.17

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 April 30 - May 6, 2007, averaged 87.1 mgd. The average diversion for the 30-day period ending May 6, 2007 was 65.3 mgd and the maximum daily diversion was 96 mgd on April 26, 2007.