

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA.

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

Summary river data for March 31 - April 6, 2008 (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, 2007 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	
Mar. 31	453	218	1,033	35	123	0	251	0	253	489
Apr. 1	453	633	1,034	279	123	0	251	0	254	489
2	453	896	1,037	606	122	142	254	0	254	489
3	453	774	1,038	711	124	155	252	0	254	489
4	427	878	1,038	796	123	248	0	0	242	488
5	388	1,046	1,036	1,080	123	351	0	0	242	488
6	436	949	1,034	992	123	280	0	0	243	487

Pepacton Reservoir (P):	Available storage Apr. 7, 2008 (0800)	141.449 billion gals.	100.9 % (elev. 1,280.68 ft.)
	Spillway crest elevation 1,280.00 ft.	140.190 billion gallons.	
Cannonsville Reservoir (C):	Available storage Apr. 7, 2008 (0800)	98.136 billion gals.	102.5 % (elev. 1,151.51 ft.)
	Spillway crest elevation 1,150.00 ft.	95.706 billion gallons.	
Neversink Reservoir (N):	Available storage Apr. 7, 2008 (0800)	35.110 billion gals.	100.5 % (elev. 1,440.34 ft.)
	Spillway crest elevation 1,440.00 ft.	34.941 billion gallons.	
Combined contents, PCN:	Available storage Apr. 7, 2008 (0800)	274.695 billion gals.	101.4 %
	Combined capacity at spillway level.	270.837 billion gallons.	
Lake Wallenpaupack:	Available storage Apr. 6, 2008 (2400)	23.760 billion gals.	67.0 % (elev. 1,183.7 ft.)
	Spillway crest elevation 1,190.00 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	
	Directed release ¹	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			(inches)	
							Daily	Cumul.		
Mar. 31	0	701	1,597	190	0	496	7,716	10,700	.01	6.12
Apr. 1	0	701	1,598	183	341	319	10,758	13,900	.61	.61
2	0	702	1,598	190	294	461	15,355	18,600	.24	.85
3	0	701	1,600	190	239	674	15,596	19,000	0	.85
4	0	701	1,604	189	293	851	13,462	17,100	.33	1.18
5	0	701	1,606	192	370	851	17,480	21,200	.38	1.56
6	0	701	1,606	190	15	851	16,937	20,300	0	1.56

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 March 31 - April 6, 2008, averaged 98.1 mgd. The average diversion for the 30-day period ending April 6, 2008 was 91.6 mgd and the maximum daily diversion was 99 mg on March 28 and April 1, 2008.

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Summary river data for April 7 - 13, 2008 (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, 2007 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. 7	453	704	1,033	790	123	186	0	0	248	486
8	453	625	1,032	616	123	153	0	0	251	485
9	452	489	1,033	386	123	103	0	0	256	485
10	452	381	1,032	254	123	91	0	0	256	484
11	453	346	1,033	167	123	84	0	0	256	483
12	453	353	1,035	111	123	84	0	0	353	483
13	453	318	1,035	62	123	17	0	0	352	482

Pepacton Reservoir (P):	Available storage Apr. 14, 2008 (0800) Spillway crest elevation 1,280.00 ft.	140.820 billion gals. 100.4 % (elev. 1,280.34 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Apr. 14, 2008 (0800) Spillway crest elevation 1,150.00 ft.	96.012 billion gals. 100.3 % (elev. 1,150.19 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Apr. 14, 2008 (0800) Spillway crest elevation 1,440.00 ft.	34.902 billion gals. 99.9 % (elev. 1,439.92 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Apr. 14, 2008 (0800) Combined capacity at spillway level.	271.734 billion gals. 100.3 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Apr. 13, 2008 (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. 7	0	661	1,603	190	0	851	14,295	17,600	0
8	0	600	1,600	190	298	851	12,261	15,800	0	1.56
9	0	674	1,598	190	301	851	10,586	14,200	0	1.56
10	0	701	1,597	190	224	674	9,114	12,500	0	1.56
11	0	701	1,598	190	192	709	7,910	11,300	.03	1.59
12	0	699	1,597	190	232	674	7,808	11,200	.35	1.94
13	0	699	1,598	190	0	195	7,918	10,600	0	1.94

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 7 - 13, 2008, averaged 99.3 mgd. The average diversion for the 30-day period ending April 13, 2008 was 96.6 mgd and the maximum daily diversion was 102 mg on April 11, 2008.

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Summary river data for April 14 - 20, 2008 (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, 2007 to date
	release begin 1200	spill begin 0800	release end 2400	spill begin 0800	release begin 1500	beginning 0800	beginning 0800	beginning 0800	
Apr. 14	453	236	1,012	10	105	240	0	352	483
15	453	68	975	0	64	362	0	351	483
16	444	0	877	0	65	400	0	351	484
17	176	0	605	0	65	400	0	351	485
18	119	0	343	0	65	400	0	347	486
19	119	0	170	0	59	400	0	350	487
20	115	0	161	9	42	400	0	346	487

Pepacton Reservoir (P):	Available storage Apr. 21, 2008 (0800) Spillway crest elevation 1,280.00 ft.	139.381 billion gals. 99.4 % (elev. 1,279.56 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Apr. 21, 2008 (0800) Spillway crest elevation 1,150.00 ft.	95.899 billion gals. 100.2 % (elev. 1,150.12 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Apr. 21, 2008 (0800) Spillway crest elevation 1,440.00 ft.	33.504 billion gals. 95.9 % (elev. 1,437.06 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Apr. 21, 2008 (0800) Combined capacity at spillway level.	268.784 billion gals. 99.2 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Apr. 20, 2008 (2400) Spillway crest elevation 1,190.00 ft.	24.490 billion gals. 69.1 % (elev. 1,184.1 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. 14	0	701	1,601	190	40	106	7,012	9,650	.01
15	0	701	1,601	190	612	426	5,600	9,130	0	1.95
16	0	701	1,566	162	514	177	4,800	7,920	0	1.95
17	0	701	1,508	99	659	106	4,177	7,250	0	1.95
18	0	701	1,357	101	702	124	3,515	6,500	0	1.95
19	0	687	936	101	378	71	2,877	5,050	0	1.95
20	0	272	531	101	0	0	3,156	4,060	0	1.95

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 14 - 20, 2008, averaged 97.4 mgd. The average diversion for the 30-day period ending April 20, 2008 was 97.5 mgd and the maximum daily diversion was 102 mgd on April 11, 2008.

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Summary river data for April 21 - 27, 2008 (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, 2007 to date
	release begin 1200	release end 2400	spill begin 0800	release begin 1500	beginning 0800	beginning 0800	beginning 0800	
Apr. 21	121	272	28	42	442	0	261	488
22	120	588	10	42	494	0	128	489
23	121	896	0	42	497	0	103	489
24	120	676	0	42	354	0	77	489
25	120	386	0	39	496	270	0	490
26	120	165	0	29	406	300	0	490
27	96	165	0	29	402	300	0	491

Pepacton Reservoir (P):	Available storage Apr. 28, 2008 (0800) Spillway crest elevation 1,280.00 ft.	137.565 billion gals. 98.1 % (elev. 1,278.57 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Apr. 28, 2008 (0800) Spillway crest elevation 1,150.00 ft.	93.972 billion gals. 98.2 % (elev. 1,148.86 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Apr. 28, 2008 (0800) Spillway crest elevation 1,440.00 ft.	33.563 billion gals. 96.1 % (elev. 1,437.18 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Apr. 28, 2008 (0800) Combined capacity at spillway level.	265.100 billion gals. 97.9 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Apr. 27, 2008 (2400) Spillway crest elevation 1,190.00 ft.	25.220 billion gals. 71.1 % (elev. 1,184.5 ft.) 35.451 billion gallons.

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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	
	Directed release ¹	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			(inches)	
							Daily	Cumul.		
Apr. 21	0	184	263	91	0	53	3,119	3,710	0	1.95
22	0	184	249	65	0	213	2,949	3,660	0	1.95
23	0	178	421	65	1	248	2,907	3,820	0	1.95
24	0	187	910	65	8	266	2,814	4,250	0	1.95
25	0	186	1,386	65	0	319	2,144	4,100	0	1.95
26	0	187	1,046	65	0	319	2,003	3,620	0	1.95
27	0	186	597	60	0	177	1,990	3,010	.15	2.10

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

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

Diversions by New Jersey through the Delaware and Raritan Canal April 21 - 27, 2008, averaged 99.6 mgd. The average diversion for the 30-day period ending April 27, 2008 was 98.5 mgd and the maximum daily diversion was 102 mg on April 11 and 24, 2008.