

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA.

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

Summary river data for March 29 - April 4, 2010 (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, 2009 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. 29	42	1,290	723	842	35	1,038	0	0	0	423
30	51	1,953	774	877	102	1,277	0	0	0	421
31	42	2,675	954	1,390	123	1,027	0	0	0	420
Apr. 1	42	2,268	968	1,371	123	596	0	0	0	418
2	42	1,872	965	1,102	123	532	0	0	0	417
3	42	1,615	968	806	122	526	0	0	0	416
4	52	1,439	969	579	123	471	0	0	0	414

Pepacton Reservoir (P): Available storage Apr. 5, 2010 (0800) 141.839 billion gals. 101.2 % (elev. 1,280.89 ft.)
 Spillway crest elevation 1,280.00 ft. 140.190 billion gallons.

Cannonsville Reservoir (C): Available storage Apr. 5, 2010 (0800) 97.363 billion gals. 101.7 % (elev. 1,151.03 ft.)
 Spillway crest elevation 1,150.00 ft. 95.706 billion gallons.

Neversink Reservoir (N): Available storage Apr. 5, 2010 (0800) 35.204 billion gals. 100.8 % (elev. 1,440.53 ft.)
 Spillway crest elevation 1,440.00 ft. 34.941 billion gallons.

Combined contents, PCN: Available storage Apr. 5, 2010 (0800) 274.406 billion gals. 101.3 %
 Combined capacity at spillway level. 270.837 billion gallons.

Lake Wallenpaupack: Available storage Apr. 4, 2010 (2400) 24.125 billion gals. 68.1 % (elev. 1,183.9 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. 29	0	65	832	190	748	851	16,514	19,200	.75	3.99
30	0	65	992	166	1,621	851	20,405	24,100	.04	4.03
31	0	179	1,118	54	1,625	851	33,273	37,100	1.08	5.11
Apr. 1	0	65	1,197	158	1,674	851	29,555	33,500	0	0
2	0	79	1,476	190	1,671	816	21,368	25,600	0	0
3	0	65	1,497	190	1,119	851	16,378	20,100	0	0
4	0	65	1,493	190	515	851	13,686	16,800	0	0

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

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

Diversions by New Jersey through the D&R Canal March 29 - April 4, 2010 averaged 24.0 mgd. The average diversion for the 30-day period ending April 4, 2010 was 29.5 mgd and the maximum diversion during the period was 66 mgd on March 22, 2010.

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Summary river data for April 5 - 11, 2010 (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, 2009 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. 5	154	1,026	967	395	122	380	415	0	0	414
6	286	614	967	254	123	243	449	0	186	415
7	412	279	967	131	112	31	449	0	406	416
8	452	121	969	49	42	0	449	0	420	418
9	453	87	969	16	42	0	450	0	420	419
10	445	16	970	1	42	0	450	0	423	421
11	339	0	897	0	42	0	450	0	422	422

Pepacton Reservoir (P):	Available storage Apr. 12, 2010 (0800) Spillway crest elevation 1,280.00 ft.	139.859 billion gals. 99.8 % (elev. 1,279.82 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Apr. 12, 2010 (0800) Spillway crest elevation 1,150.00 ft.	95.204 billion gals. 99.5 % (elev. 1,149.67 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Apr. 12, 2010 (0800) Spillway crest elevation 1,440.00 ft.	34.209 billion gals. 97.9 % (elev. 1,438.51 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Apr. 12, 2010 (0800) Combined capacity at spillway level.	269.272 billion gals. 99.4 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Apr. 11, 2010 (2400) Spillway crest elevation 1,190.00 ft.	24.855 billion gals. 70.1 % (elev. 1,184.3 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.		
Apr. 5	0	65	1,497	189	447	851	11,551	14,600	0	0
6	0	65	1,499	190	547	709	9,690	12,700	.02	.02
7	0	80	1,496	189	556	674	8,105	11,100	.05	.07
8	0	238	1,496	190	461	479	6,636	9,500	0	.07
9	0	442	1,496	173	613	106	6,200	9,030	.57	.64
10	0	637	1,499	65	446	0	5,913	8,560	0	.64
11	0	699	1,499	65	0	0	4,907	7,170	0	.64

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

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

Diversions by New Jersey through the D&R Canal April 5 - 11, 2010 averaged 66.4 mgd. The average diversion for the 30-day period ending April 11, 2010 was 34.0 mgd and the maximum diversion during the period was 71 mg on April 6, 2010.

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Summary river data for April 12 - 18, 2010 (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, 2009 to date
	release begin 1200	release end 2400	release begin 1500	beginning 0800	beginning 0800	beginning 0800	
Apr. 12	236	675	42	450	0	236	423
13	146	591	42	450	0	199	424
14	94	573	42	450	0	212	424
15	91	491	42	450	94	211	426
16	54	412	42	450	117	254	427
17	54	321	42	450	0	0	427
18	54	171	42	450	0	3	427

Pepacton Reservoir (P):	Available storage Apr. 19, 2010 (0800) Spillway crest elevation 1,280.00 ft.	139.013 billion gals. 99.2 % (elev. 1,279.36 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Apr. 19 2010 (0800) Spillway crest elevation 1,150.00 ft.	95.234 billion gals. 99.5 % (elev. 1,149.69 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Apr. 19, 2010 (0800) Spillway crest elevation 1,440.00 ft.	33.896 billion gals. 97.0 % (elev. 1,437.87 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Apr. 19, 2010 (0800) Combined capacity at spillway level.	268.143 billion gals. 99.0 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Apr. 18, 2010 (2400) Spillway crest elevation 1,190.00 ft.	25.220 billion gals. 71.1 % (elev. 1,184.5 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.
	Apr. 12	0	701	1,501	65	13	53	4,307	6,640	0
13	0	688	1,388	65	364	124	3,361	5,990	0	.64
14	0	524	1,044	65	462	195	3,330	5,620	0	.64
15	0	365	914	65	482	266	3,138	5,230	0	.64
16	0	226	886	65	520	n.a.	n.a.	4,970	.06	.70
17	0	145	760	65	373	n.a.	n.a.	5,190	.59	1.29
18	0	141	637	65	0	n.a.	n.a.	5,520	.01	1.30

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

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

3. Note: n.a. means data are currently unavailable.

Diversions by New Jersey through the D&R Canal April 12 - 18, 2010 averaged 69.4 mgd. The average diversion for the 30-day period ending April 18, 2010 was 52.5 mgd and the maximum diversion during the period was 73 mg on April 16, 2010.

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Summary river data for April 19 - 25, 2010 (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, 2009 to date
	release begin 1200	release end 2400	release begin 1500	beginning 0800	beginning 0800	beginning 0800	
Apr. 19	54	110	42	450	200	252	428
20	54	98	42	451	295	112	430
21	54	111	42	450	299	111	431
22	55	111	42	449	299	112	432
23	55	111	42	447	299	100	434
24	54	111	42	296	299	0	434
25	55	111	42	292	299	2	435

Pepacton Reservoir (P):	Available storage Apr. 26, 2010 (0800) Spillway crest elevation 1,280.00 ft.	138.003 billion gals. 98.4 % (elev. 1,278.81 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Apr. 26 2010 (0800) Spillway crest elevation 1,150.00 ft.	95.189 billion gals. 99.5 % (elev. 1,149.66 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Apr. 26, 2010 (0800) Spillway crest elevation 1,440.00 ft.	33.644 billion gals. 96.3 % (elev. 1,437.35 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Apr. 26, 2010 (0800) Combined capacity at spillway level.	266.836 billion gals. 98.5 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Apr. 25, 2010 (2400) Spillway crest elevation 1,190.00 ft.	25.402 billion gals. 71.7 % (elev. 1,184.6 ft.) 35.451 billion gallons.

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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.		
Apr. 19	0	84	497	65	0	142	4,022	4,810	.01	1.31
20	0	84	265	65	466	266	3,494	4,640	0	1.31
21	0	84	170	65	430	266	3,215	4,230	0	1.31
22	0	84	152	65	407	266	3,056	4,030	.01	1.32
23	0	84	172	65	748	266	2,825	4,160	.01	1.33
24	0	84	172	65	340	124	2,605	3,390	0	1.33
25	0	85	172	65	0	0	3,048	3,370	.57	1.90

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

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

Diversion by New Jersey through the D&R Canal April 19 - 25, 2010 averaged 69.0 mgd. The average diversion for the 30-day period ending April 25, 2010 was 56.7 mgd and the maximum diversion during the period was 73 mgd on April 16, 2010.