

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA.

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

Summary river data for April 26 - May 2, 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	spill begin 0800	release begin 1500	beginning 0800	beginning 0800	beginning 0800		
Apr. 26	55	111	0	42	296	299	126	435	
27	55	111	10	42	299	299	72	436	
28	55	124	46	42	300	299	71	437	
29	55	171	87	42	300	299	71	438	
30	57	199	99	44	300	299	71	438	
May 1	65	243	88	49	300	299	0	439	
2	65	246	65	49	300	299	0	439	

Pepacton Reservoir (P):	Available storage May 3, 2010 (0800) Spillway crest elevation 1,280.00 ft.	138.921 billion gals. 99.1 % (elev. 1,279.31 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage May 3 2010 (0800) Spillway crest elevation 1,150.00 ft.	96.092 billion gals. 100.4 % (elev. 1,150.24 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage May 3, 2010 (0800) Spillway crest elevation 1,440.00 ft.	33.674 billion gals. 96.4 % (elev. 1,437.41 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage May 3, 2010 (0800) Combined capacity at spillway level.	268.687 billion gals. 99.2 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage May 2, 2010 (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. 26	0	85	172	65	0	142	4,656	5,120	.30
27	0	84	172	65	0	266	8,123	8,710	.68	2.88
28	0	85	172	65	641	266	8,141	9,370	0	2.88
29	0	85	172	65	515	266	6,097	7,200	.01	2.89
30	0	85	192	65	0	n.a.	n.a.	5,930	0	2.89
May 1	0	85	265	65	0	n.a.	n.a.	5,380	0	0
2	0	85	308	68	0	n.a.	n.a.	4,810	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.
3. Note -- n.a. means data are currently unavailable.

Diversions by New Jersey through the D&R Canal April 26 - May 2, 2010 averaged 67.7 mgd. The average diversion for the 30-day period ending May 2, 2010 was 67.5 mgd and the maximum diversion during the period was 73 mg on April 16, and May 1,2, 2010.

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Summary river data for May 3 - 9, 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	spill begin 0800	release begin 1500	beginning 0800	beginning 0800	beginning 0800		
May 3	65	224	53	49	300	299	0	440	
4	65	210	37	49	300	299	13	440	
5	65	197	19	49	300	299	0	441	
6	65	180	8	49	382	299	0	441	
7	65	145	1	49	394	299	25	442	
8	65	123	23	49	399	300	0	443	
9	65	123	40	49	400	300	0	444	

Pepacton Reservoir (P):	Available storage May 10, 2010 (0800) Spillway crest elevation 1,280.00 ft.	138.682 billion gals. 98.9 % (elev. 1,279.18 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage May 10, 2010 (0800) Spillway crest elevation 1,150.00 ft.	96.044 billion gals. 100.4 % (elev. 1,150.21 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage May 10, 2010 (0800) Spillway crest elevation 1,440.00 ft.	33.876 billion gals. 97.0 % (elev. 1,437.83 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage May 10, 2010 (0800) Combined capacity at spillway level.	268.602 billion gals. 99.2 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage May 9, 2010 (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 3	0	88	376	76	0	142	4,118	4,800	.13
4	0	101	381	76	346	266	3,810	4,980	.17	.30
5	0	101	347	76	314	266	3,626	4,730	.09	.39
6	0	101	325	76	311	266	3,311	4,390	.04	.43
7	0	101	305	76	336	284	2,898	4,000	.02	.45
8	0	101	278	76	265	142	2,738	3,600	.48	.93
9	0	101	224	76	0	0	3,259	3,660	.12	1.05

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 D&R Canal May 3 - 9, 2010 averaged 71.6 mgd. The average diversion for the 30-day period ending May 9, 2010 was 69.0 mgd and the maximum diversion during the period was 73 mg on April 16, and May 1, 2, 8, 2010.

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Summary river data for May 10 - 16, 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	spill begin 0800	release begin 1500	beginning 0800	beginning 0800	beginning 0800		
May 10	66	123	37	49	400	300	0	444	
11	65	123	33	49	329	300	0	445	
12	65	123	47	49	199	300	0	445	
13	65	123	61	49	0	299	0	445	
14	65	123	84	49	132	299	0	445	
15	65	123	101	49	225	299	0	445	
16	65	124	95	49	284	299	0	445	

Pepacton Reservoir (P):	Available storage May 17, 2010 (0800) Spillway crest elevation 1,280.00 ft.	139.345 billion gals. 99.4 % (elev. 1,279.54 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage May 17, 2010 (0800) Spillway crest elevation 1,150.00 ft.	96.269 billion gals. 100.6 % (elev. 1,150.35 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage May 17, 2010 (0800) Spillway crest elevation 1,440.00 ft.	34.126 billion gals. 97.7 % (elev. 1,438.34 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage May 17, 2010 (0800) Combined capacity at spillway level.	269.740 billion gals. 99.6 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage May 16, 2010 (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	
	Directed release ¹	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			(inches)	
							Daily	Cumul.		
May 10	0	101	190	76	0	142	3,361	3,870	0	1.05
11	0	101	190	76	0	284	2,869	3,520	0	1.05
12	0	101	190	76	10	301	2,962	3,640	.54	1.59
13	0	102	190	76	486	142	3,874	4,870	.07	1.66
14	0	101	190	76	402	0	3,751	4,520	.10	1.76
15	0	101	190	76	80	0	3,523	3,970	.09	1.85
16	0	101	190	76	0	174	3,219	3,760	0	1.85

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 May 10 - 16, 2010 averaged 73.7 mgd. The average diversion for the 30-day period ending May 16, 2010 was 70.4 mgd and the maximum diversion during the period was 76 mgd on May 12, 2010.

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Summary river data for May 17 - 23, 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	spill begin 0800	release begin 1500	beginning 0800	beginning 0800	beginning 0800		
May 17	65	123	83	49	375	299	0	446	
18	65	123	70	49	396	299	0	447	
19	65	123	55	49	216	299	0	447	
20	68	123	42	52	0	299	0	446	
21	81	157	22	58	247	299	0	447	
22	80	169	3	58	250	299	0	447	
23	80	159	0	58	250	299	0	447	

Pepacton Reservoir (P):	Available storage May 24, 2010 (0800) Spillway crest elevation 1,280.00 ft.	139.583 billion gals. 99.6 % (elev. 1,279.67 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage May 24, 2010 (0800) Spillway crest elevation 1,150.00 ft.	95.463 billion gals. 99.7 % (elev. 1,149.84 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage May 24, 2010 (0800) Spillway crest elevation 1,440.00 ft.	34.325 billion gals. 98.2 % (elev. 1,438.75 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage May 24, 2010 (0800) Combined capacity at spillway level.	269.371 billion gals. 99.5 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage May 23, 2010 (2400) Spillway crest elevation 1,190.00 ft.	29.071 billion gals. 82.0 % (elev. 1,186.6 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.
	May 17	0	101	190	76	0	142	2,921	3,430	0
18	0	101	192	76	0	142	2,809	3,320	0	1.85
19	0	101	190	76	0	177	3,426	3,970	.50	2.35
20	0	101	190	76	328	177	3,288	4,160	0	2.35
21	0	101	190	76	359	89	2,935	3,750	0	2.35
22	0	101	190	80	322	89	2,508	3,290	0	2.35
23	0	105	243	90	0	0	2,332	2,770	.10	2.45

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 D&R Canal May 17 - 23, 2010 averaged 72.3 mgd. The average diversion for the 30-day period ending May 23, 2010 was 71.2 mgd and the maximum diversion during the period was 76 mg on May 12, 2010.

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Summary river data for May 24 - 30, 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	
May 24	80	154	58	250	299	0	448
25	81	155	58	206	299	0	448
26	81	154	58	200	299	0	448
27	81	154	58	200	275	0	448
28	81	154	58	323	299	0	448
29	81	154	58	349	299	0	449
30	81	154	58	349	299	0	450

Pepacton Reservoir (P):	Available storage May 31, 2010 (0800) Spillway crest elevation 1,280.00 ft.	138.443 billion gals. 98.8 % (elev. 1,279.05 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage May 31, 2010 (0800) Spillway crest elevation 1,150.00 ft.	93.622 billion gals. 97.8 % (elev. 1,148.63 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage May 31, 2010 (0800) Spillway crest elevation 1,440.00 ft.	34.453 billion gals. 98.6 % (elev. 1,439.01 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage May 31, 2010 (0800) Combined capacity at spillway level.	266.518 billion gals. 98.4 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage May 30, 2010 (2400) Spillway crest elevation 1,190.00 ft.	29.257 billion gals. 82.5 % (elev. 1,186.7 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.
	May 24	0	125	261	90	0	0	2,204	2,680	0
25	0	124	246	90	0	0	2,120	2,580	0	2.45
26	0	124	248	90	0	160	1,988	2,610	0	2.45
27	0	124	240	90	475	142	1,819	2,890	0	2.45
28	0	125	238	90	474	0	1,803	2,730	.21	2.66
29	0	125	238	90	18	71	1,818	2,360	0	2.66
30	0	125	238	90	0	0	1,797	2,250	.05	2.71

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 D&R Canal May 24 - 30, 2010 averaged 74.7 mgd. The average diversion for the 30-day period ending May 30, 2010 was 73.1 mgd and the maximum diversion during the period was 77 mg on May 24 and 30, 2010.