

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA.

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

Summary river data for June 29 - July 5, 2009 (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	beginning 0800	beginning 0800	beginning 0800	
June 29	452	99	971	47	71	242	0	402	279
30	452	8	969	7	71	301	0	405	293
July 1	452	0	969	0	71	303	0	312	303
2	445	0	968	0	71	297	0	305	313
3	348	0	876	0	71	299	0	303	321
4	323	0	644	0	71	297	0	304	330
5	311	0	643	0	71	434	0	223	339

Pepacton Reservoir (P): Available storage July 6, 2009 (0800) 138.645 billion gals. 98.9 % (elev. 1,279.16 ft.)
 Spillway crest elevation 1,280.00 ft. 140.190 billion gallons.

Cannonsville Reservoir (C): Available storage July 6, 2009 (0800) 94.474 billion gals. 98.7 % (elev. 1,149.19 ft.)
 Spillway crest elevation 1,150.00 ft. 95.706 billion gallons.

Neversink Reservoir (N): Available storage July 6, 2009 (0800) 32.723 billion gals. 93.7 % (elev. 1,435.43 ft.)
 Spillway crest elevation 1,440.00 ft. 34.941 billion gallons.

Combined contents, PCN: Available storage July 6, 2009 (0800) 265.842 billion gals. 98.2 %
 Combined capacity at spillway level. 270.837 billion gallons.

Lake Wallenpaupack: Available storage July 5, 2009 (2400) 25.767 billion gals. 72.7 % (elev. 1,184.8 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.		
June 29	0	699	1,501	110	767	603	5,570	9,250	.01	7.07
30	0	699	1,502	110	653	603	4,693	8,260	.12	7.19
July 1	0	699	1,502	110	372	266	4,841	7,790	.45	.45
2	0	699	1,499	110	416	213	4,943	7,880	.32	.77
3	0	699	1,499	110	508	461	4,813	8,090	.17	.94
4	0	699	1,497	110	660	461	4,203	7,630	.08	1.02
5	0	688	1,355	110	548	461	3,258	6,420	0	1.02

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 June 29 - July 5, 2009 averaged 87.9 mgd. The average diversion for the 30-day period ending July 5, 2009 was 84.4 mgd and the maximum diversion during the period was 93 mg on July 1, 2009.

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Summary river data for July 6 - 12, 2009 (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	
July 6	194	472	71	449	0	211	348
7	125	207	71	450	0	103	353
8	97	217	71	448	0	0	356
9	97	223	71	449	0	0	358
10	97	228	71	449	199	0	366
11	97	227	71	450	201	0	372
12	97	225	71	443	201	0	379

Pepacton Reservoir (P):	Available storage July 13, 2009 (0800) Spillway crest elevation 1,280.00 ft.	137.108 billion gals. 97.8 % (elev. 1,278.32 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage July 13, 2009 (0800) Spillway crest elevation 1,150.00 ft.	95.387 billion gals. 99.7 % (elev. 1,149.79 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage July 13, 2009 (0800) Spillway crest elevation 1,440.00 ft.	32.723 billion gals. 93.7 % (elev. 1,435.43 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage July 13, 2009 (0800) Combined capacity at spillway level.	265.218 billion gals. 97.9 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage July 12, 2009 (2400) Spillway crest elevation 1,190.00 ft.	23.942 billion gals. 67.5 % (elev. 1,183.8 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.
	July 6	0	538	996	110	561	461	3,084	5,750	0
7	0	500	995	110	677	496	2,762	5,540	.08	1.10
8	0	481	730	110	664	230	2,505	4,720	.58	1.68
9	0	300	320	110	683	124	3,233	4,770	0	1.68
10	0	193	336	110	845	89	2,697	4,270	0	1.68
11	0	150	345	110	672	0	2,503	3,780	.01	1.69
12	0	150	353	110	459	106	2,362	3,540	.47	2.16

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 July 6 - 12, 2009 averaged 88.4 mgd. The average diversion for the 30-day period ending July 12, 2009 was 84.9 mgd and the maximum diversion during the period was 93 mg on July 1, 2009.

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Summary river data for July 13 - 19, 2009 (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	
July 13	97	226	71	433	201	0	385
14	97	226	71	433	201	0	391
15	97	226	71	420	201	0	396
16	97	225	71	435	201	0	401
17	97	229	71	452	201	0	406
18	97	228	71	450	201	0	411
19	97	228	71	450	201	0	416

Pepacton Reservoir (P):	Available storage July 20, 2009 (0800) Spillway crest elevation 1,280.00 ft.	135.928 billion gals. 97.0 % (elev. 1,277.67 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage July 20, 2009 (0800) Spillway crest elevation 1,150.00 ft.	95.250 billion gals. 99.5 % (elev. 1,149.70 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage July 20, 2009 (0800) Spillway crest elevation 1,440.00 ft.	33.019 billion gals. 94.5 % (elev. 1,436.05 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage July 20, 2009 (0800) Combined capacity at spillway level.	264.197 billion gals. 97.5 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage July 19, 2009 (2400) Spillway crest elevation 1,190.00 ft.	22.665 billion gals. 63.9 % (elev. 1,183.1 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	
	Directed release ¹	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			(inches)	
							Daily	Cumul.		
July 13	0	150	351	110	39	567	2,363	3,580	0	2.16
14	0	150	348	110	479	461	2,542	4,090	0	2.16
15	0	150	350	110	520	0	2,430	3,560	0	2.16
16	0	150	350	110	495	0	1,895	3,000	.09	2.25
17	0	150	350	110	459	0	1,961	3,030	.23	2.48
18	0	150	348	110	524	0	2,628	3,760	.66	3.14
19	0	150	354	110	0	0	2,906	3,520	.01	3.15

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 July 13 - 19, 2009 averaged 88.6 mgd. The average diversion for the 30-day period ending July 19, 2009 was 87.0 mgd and the maximum diversion during the period was 93 mgd on July 1, 2009.

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Summary river data for July 20 - 26, 2009 (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	
July 20	97	229	71	449	201	0	421
21	97	229	71	449	201	0	425
22	97	229	71	450	201	43	431
23	97	228	71	448	201	0	435
24	96	228	71	449	201	0	439
25	97	228	71	448	201	0	443
26	97	228	71	448	201	0	446

Pepacton Reservoir (P):	Available storage July 27, 2009 (0800) Spillway crest elevation 1,280.00 ft.	134.084 billion gals. 95.6 % (elev. 1,276.65 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage July 27, 2009 (0800) Spillway crest elevation 1,150.00 ft.	94.398 billion gals. 98.6 % (elev. 1,149.14 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage July 27, 2009 (0800) Spillway crest elevation 1,440.00 ft.	32.981 billion gals. 94.4 % (elev. 1,435.97 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage July 27, 2009 (0800) Combined capacity at spillway level.	261.463 billion gals. 96.5 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage July 26, 2009 (2400) Spillway crest elevation 1,190.00 ft.	22.124 billion gals. 62.4 % (elev. 1,182.8 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.		
July 20	0	150	353	110	0	0	2,467	3,080	0	3.15
21	0	150	353	110	249	0	2,038	2,900	0	3.15
22	0	150	354	110	283	0	1,963	2,860	.27	3.42
23	0	150	354	110	285	0	1,801	2,700	0	3.42
24	0	150	354	110	231	0	1,685	2,530	0	3.42
25	0	150	353	110	432	0	1,755	2,800	.21	3.63
26	0	150	353	110	0	71	1,836	2,520	.23	3.86

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 July 20 - 26, 2009 averaged 86.1 mgd. The average diversion for the 30-day period ending July 26, 2009 was 87.5 mgd and the maximum diversion during the period was 93 mg on July 1 and 21, 2009.