

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA.

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

Summary river data for August 31 - September 6, 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	
Aug. 31	287	322	81	302	200	233	468
Sept. 1	292	529	81	294	280	103	470
2	292	553	81	303	299	104	473
3	224	523	81	299	298	107	475
4	158	452	81	297	298	213	479
5	142	394	81	295	298	0	480
6	142	351	81	296	298	0	481

Pepacton Reservoir (P):	Available storage Sept. 7, 2009 (0800) Spillway crest elevation 1,280.00 ft.	131.576 billion gals. 93.9 % (elev. 1,275.25 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Sept. 7, 2009 (0800) Spillway crest elevation 1,150.00 ft.	88.906 billion gals. 92.9 % (elev. 1,145.33 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Sept. 7, 2009 (0800) Spillway crest elevation 1,440.00 ft.	32.354 billion gals. 92.6 % (elev. 1,434.65 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Sept. 7, 2009 (0800) Combined capacity at spillway level.	252.836 billion gals. 93.4 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Sept. 6, 2009 (2400) Spillway crest elevation 1,190.00 ft.	17.666 billion gals. 49.8 % (elev. 1,180.3 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 (inches)	
	Directed release ¹	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			Daily	Cumul.
	Aug. 31	0	251	353	125	0	0	4,161	4,890	0
Sept. 1	0	251	353	125	393	0	3,288	4,410	0	0
2	0	255	498	125	587	0	3,005	4,470	0	0
3	0	444	818	125	660	0	2,393	4,440	0	0
4	0	452	855	125	611	0	2,137	4,180	0	0
5	0	452	809	125	462	71	1,891	3,810	0	0
6	0	347	699	125	0	0	1,819	2,990	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.

Diversions by New Jersey through the D&R Canal August 31 - September 6, 2009 averaged 91.6 mgd. The average diversion for the 30-day period ending September 6, 2009 was 89.0 mgd and the maximum diversion during the period was 101 mg on August 13, 2009.

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Summary river data for September 7 - 13, 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	
Sept. 7	142	333	81	296	298	0	482
8	142	329	81	294	299	208	485
9	142	322	81	298	298	170	488
10	142	322	81	391	211	172	491
11	142	324	81	401	201	167	494
12	142	323	81	400	201	0	495
13	142	321	81	399	201	0	496

Pepacton Reservoir (P):	Available storage Sept. 14, 2009 (0800) Spillway crest elevation 1,280.00 ft.	129.112 billion gals. 92.1 % (elev. 1,273.86 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Sept. 14, 2009 (0800) Spillway crest elevation 1,150.00 ft.	86.193 billion gals. 90.1 % (elev. 1,143.68 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Sept. 14, 2009 (0800) Spillway crest elevation 1,440.00 ft.	31.537 billion gals. 90.3 % (elev. 1,432.91 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Sept. 14, 2009 (0800) Combined capacity at spillway level.	246.842 billion gals. 91.1 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Sept. 13, 2009 (2400) Spillway crest elevation 1,190.00 ft.	16.962 billion gals. 47.8 % (elev. 1,179.9 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.
	Sept. 7	0	244	610	125	0	0	1,751	2,730	0
8	0	220	543	125	0	142	1,640	2,670	0	0
9	0	220	515	125	456	71	1,633	3,020	0	0
10	0	220	509	125	356	160	1,530	2,900	0	0
11	0	220	498	125	416	213	1,458	2,930	.01	.01
12	0	220	498	125	415	71	1,561	2,890	.42	.43
13	0	220	501	125	251	0	1,683	2,780	.04	.47

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 September 7 - 13, 2009 averaged 91.6 mgd. The average diversion for the 30-day period ending September 13, 2009 was 88.2 mgd and the maximum diversion during the period was 97 mgd on August 19 and 20, 2009.

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Summary river data for September 14 - 20, 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	
Sept. 14	142	321	79	399	200	174	498
15	142	323	66	398	200	139	501
16	142	264	49	402	0	139	501
17	142	231	49	399	0	140	501
18	133	232	49	399	0	139	502
19	129	234	49	400	0	0	501
20	122	235	49	401	0	2	500

Pepacton Reservoir (P):	Available storage Sept. 21, 2009 (0800) Spillway crest elevation 1,280.00 ft.	126.097 billion gals. 89.9 % (elev. 1,272.14 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Sept. 21, 2009 (0800) Spillway crest elevation 1,150.00 ft.	84.892 billion gals. 88.7 % (elev. 1,142.78 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Sept. 21, 2009 (0800) Spillway crest elevation 1,440.00 ft.	30.730 billion gals. 87.9 % (elev. 1,431.17 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Sept. 21, 2009 (0800) Combined capacity at spillway level.	241.719 billion gals. 89.2 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Sept. 20, 2009 (2400) Spillway crest elevation 1,190.00 ft.	15.906 billion gals. 44.9 % (elev. 1,179.3 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 (inches)	
	Directed release ¹	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			Daily	Cumul.
	Sept. 14	0	220	500	125	0	71	1,654	2,570	0
15	0	220	497	125	461	142	1,475	2,920	0	.47
16	0	220	497	122	430	0	1,261	2,530	0	.47
17	0	220	500	102	436	0	1,252	2,510	.22	.69
18	0	220	408	76	359	0	1,367	2,430	.19	.88
19	0	220	357	76	429	0	1,378	2,460	0	.88
20	457	220	359	76	0	170	1,165	1,990	0	.88

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 September 14 - 20, 2009 averaged 92.0 mgd. The average diversion for the 30-day period ending September 20, 2009 was 87.7 mgd and the maximum diversion during the period was 96 mg on August 26, 2009.

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Summary river data for September 21 - 27, 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	
Sept. 21	66	232	49	400	0	157	500
22	65	262	49	371	0	3	499
23	65	264	49	400	0	185	500
24	65	342	49	433	0	191	501
25	65	309	49	451	0	192	502
26	65	269	49	452	0	0	502
27	65	237	49	454	0	0	501

Pepacton Reservoir (P):	Available storage Sept. 28, 2009 (0800) Spillway crest elevation 1,280.00 ft.	123.825 billion gals. 88.3 % (elev. 1,270.83 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Sept. 28, 2009 (0800) Spillway crest elevation 1,150.00 ft.	84.010 billion gals. 87.8 % (elev. 1,142.17 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Sept. 28, 2009 (0800) Spillway crest elevation 1,440.00 ft.	30.064 billion gals. 86.0 % (elev. 1,429.71 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Sept. 28, 2009 (0800) Combined capacity at spillway level.	237.899 billion gals. 87.8 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Sept. 27, 2009 (2400) Spillway crest elevation 1,190.00 ft.	15.554 billion gals. 43.9 % (elev. 1,179.1 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.
	Sept. 21	570	206	362	76	2	0	1,114	1,760	0
22	441	200	364	76	151	0	1,059	1,850	0	.88
23	537	189	359	76	176	0	1,040	1,840	0	.88
24	579	102	405	76	171	128	998	1,880	.04	.92
25	584	101	408	76	107	273	925	1,890	0	.92
26	700	101	529	76	163	142	859	1,870	0	.92
27	658	101	478	76	355	0	1,060	2,070	.76	1.68

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 September 21 - 27, 2009 averaged 87.4 mgd. The average diversion for the 30-day period ending September 27, 2009 was 89.6 mgd and the maximum diversion during the period was 103 mg on September 24, 2009.