

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA.

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

Summary river data for September 28 - October 4, 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. 28	65	235	49	450	0	149	502
29	65	233	49	450	0	148	503
30	64	233	46	449	0	152	504
Oct. 1	55	224	39	451	0	149	505
2	55	214	39	452	0	149	505
3	55	216	39	453	0	0	505
4	55	216	39	451	0	0	505

Pepacton Reservoir (P):	Available storage Oct. 5, 2009 (0800) Spillway crest elevation 1,280.00 ft.	121.505 billion gals. 86.7 % (elev. 1,269.48 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Oct. 5, 2009 (0800) Spillway crest elevation 1,150.00 ft.	84.256 billion gals. 88.0 % (elev. 1,142.34 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Oct. 5, 2009 (0800) Spillway crest elevation 1,440.00 ft.	29.455 billion gals. 84.3 % (elev. 1,428.36 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Oct. 5, 2009 (0800) Combined capacity at spillway level.	235.216 billion gals. 86.8 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Oct. 4, 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 <sup>2</sup>	Total Discharge	Precipitation (inches)	
	Directed release <sup>1</sup>	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			Daily	Cumul.
	Sept. 28	590	101	416	76	0	0	1,827	2,420	.40
29	508	101	367	76	0	0	2,476	3,020	.10	2.18
30	29	101	364	76	0	160	1,909	2,610	.04	2.22
Oct. 1	0	101	360	76	0	142	1,541	2,220	.01	.01
2	0	101	360	71	0	0	1,358	1,890	.02	.03
3	0	99	347	60	0	71	1,313	1,890	.13	.16
4	0	85	331	60	0	0	1,344	1,820	.05	.21

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 28 - October 4, 2009 averaged 87.0 mgd. The average diversion for the 30-day period ending October 4, 2009 was 89.8 mgd and the maximum diversion during the period was 103 mgd on September 24, 2009.

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Summary river data for October 5 - 11, 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	
Oct. 5	55	216	39	449	0	188	506
6	55	218	39	453	0	149	506
7	55	217	39	453	0	149	507
8	55	392	39	451	0	148	508
9	55	213	39	450	0	144	508
10	55	214	39	452	0	0	508
11	55	375	39	452	0	0	508

Pepacton Reservoir (P):	Available storage Oct. 12, 2009 (0800) Spillway crest elevation 1,280.00 ft.	119.121 billion gals. 85.0 % (elev. 1,268.08 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Oct. 12, 2009 (0800) Spillway crest elevation 1,150.00 ft.	83.807 billion gals. 87.6 % (elev. 1,142.03 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Oct. 12, 2009 (0800) Spillway crest elevation 1,440.00 ft.	28.861 billion gals. 82.6 % (elev. 1,427.03 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Oct. 12, 2009 (0800) Combined capacity at spillway level.	231.789 billion gals. 85.6 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Oct. 11, 2009 (2400) Spillway crest elevation 1,190.00 ft.	16.258 billion gals. 45.9 % (elev. 1,179.5 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 <sup>2</sup>	Total Discharge	Precipitation	
	Directed release <sup>1</sup>	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			(inches)	
							Daily	Cumul.		
Oct. 5	0	85	334	60	0	0	1,281	1,760	0	.21
6	273	85	334	60	0	0	1,211	1,690	0	.21
7	394	85	334	60	0	0	1,171	1,650	.13	.34
8	297	85	337	60	0	128	1,080	1,690	.02	.36
9	447	85	336	60	0	113	1,106	1,700	.02	.38
10	748	85	606	60	0	0	1,209	1,960	.43	.81
11	0	85	330	60	0	0	1,345	1,820	.01	.82

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 October 5 - 11, 2009 averaged 90.3 mgd. The average diversion for the 30-day period ending October 11, 2009 was 89.1 mgd and the maximum diversion during the period was 103 mg on September 24, 2009.

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Summary river data for October 12 - 18, 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	
Oct. 12	55	270	39	454	0	171	509
13	90	361	39	454	0	153	509
14	94	381	39	450	0	152	510
15	94	258	39	449	0	154	511
16	94	211	39	427	0	76	511
17	94	213	39	426	0	0	510
18	94	213	39	426	0	0	509

Pepacton Reservoir (P):	Available storage Oct. 19, 2009 (0800) Spillway crest elevation 1,280.00 ft.	116.261 billion gals. 82.9 % (elev. 1,266.38 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Oct. 19, 2009 (0800) Spillway crest elevation 1,150.00 ft.	83.143 billion gals. 86.9 % (elev. 1,141.57 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Oct. 19, 2009 (0800) Spillway crest elevation 1,440.00 ft.	28.276 billion gals. 80.9 % (elev. 1,425.70 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Oct. 19, 2009 (0800) Combined capacity at spillway level.	227.680 billion gals. 84.1 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Oct. 18, 2009 (2400) Spillway crest elevation 1,190.00 ft.	16.610 billion gals. 46.9 % (elev. 1,179.7 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 <sup>2</sup>	Total Discharge	Precipitation (inches)	
	Directed release <sup>1</sup>	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			Daily	Cumul.
	Oct. 12	0	85	331	60	0	0	1,264	1,740	0
13	722	85	580	60	42	0	1,103	1,870	.04	.86
14	565	85	418	60	0	99	1,098	1,760	.01	.87
15	699	85	558	60	0	0	1,017	1,720	0	.87
16	786	139	589	60	0	0	1,082	1,870	.25	1.12
17	595	145	399	60	0	0	1,166	1,770	.03	1.15
18	0	145	326	60	0	99	1,190	1,820	.01	1.16

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 October 12 - 18, 2009 averaged 79.9 mgd. The average diversion for the 30-day period ending October 18, 2009 was 86.6 mgd and the maximum diversion during the period was 103 mg on September 24, 2009.

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Summary river data for October 19 - 25, 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	
Oct. 19	94	302	39	426	0	0	509
20	94	276	39	426	0	254	510
21	94	323	39	425	0	264	511
22	94	385	39	425	0	257	512
23	94	214	39	425	0	256	514
24	94	215	39	425	0	256	515
25	94	216	39	425	0	257	516

Pepacton Reservoir (P):	Available storage Oct. 26, 2009 (0800) Spillway crest elevation 1,280.00 ft.	115.542 billion gals. 82.4 % (elev. 1,265.95 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Oct. 26, 2009 (0800) Spillway crest elevation 1,150.00 ft.	85.586 billion gals. 89.4 % (elev. 1,143.26 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Oct. 26, 2009 (0800) Spillway crest elevation 1,440.00 ft.	28.614 billion gals. 81.9 % (elev. 1,426.47 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Oct. 26, 2009 (0800) Combined capacity at spillway level.	229.742 billion gals. 84.8 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Oct. 25, 2009 (2400) Spillway crest elevation 1,190.00 ft.	17.666 billion gals. 49.8 % (elev. 1,180.3 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 <sup>2</sup>	Total Discharge	Precipitation (inches)	
	Directed release <sup>1</sup>	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			Daily	Cumul.
	Oct. 19	0	145	330	60	28	0	1,249	1,840	.01
20	0	145	330	60	52	128	1,255	1,970	0	1.17
21	670	145	467	60	0	113	1,175	1,960	0	1.17
22	625	145	427	60	0	128	1,170	1,930	0	1.17
23	705	145	500	60	0	113	1,142	1,960	0	1.17
24	799	145	596	60	0	0	1,389	2,190	.79	1.96
25	0	145	331	60	0	0	10,164	10,700	1.20	3.16

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 October 19 - 25, 2009 averaged 82.1 mgd. The average diversion for the 30-day period ending October 25, 2009 was 84.9 mgd and the maximum diversion during the period was 96 mg on October 12, 2009.