

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA.

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

Summary river data for August 27 - September 2, 2012 (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, 2012 to date
	release begin 1200	release end 2400	release begin 1500	beginning 0800	beginning 0800	beginning 0800	
Aug. 27	91	260	65	503	197	0	657
28	91	291	65	503	198	0	657
29	91	257	65	502	198	0	658
30	91	257	65	502	199	0	658
31	91	330	65	501	199	151	660
Sept. 1	91	381	63	501	199	0	661
2	91	211	58	501	199	0	661

Pepacton Reservoir (P):	Available storage Sept. 3, 2012 (0800) Spillway crest elevation 1,280.00 ft.	107.814 billion gals. 76.9 % (elev. 1,261.23 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Sept. 3, 2012 (0800) Spillway crest elevation 1,150.00 ft.	59.499 billion gals. 62.2% (elev. 1,123.79 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Sept. 3, 2012 (0800) Spillway crest elevation 1,440.00 ft.	23.310 billion gals. 66.7 % (elev. 1,413.81 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Sept. 3, 2012 (0800) Combined capacity at spillway level.	190.623 billion gals. 70.4% 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Sept. 2, 2012 (2400) Spillway crest elevation 1,190.00 ft.	18.018 billion gals. 50.8 % (elev. 1,180.5 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 (inches)	
	Directed release <sup>1</sup>	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			Daily	Cumul.
	Aug. 27	0	141	401	101	218	0	829	1,690	0
28	0	141	402	101	268	0	838	1,750	.56	3.37
29	0	141	402	101	253	106	857	1,860	0	3.37
30	0	141	450	101	318	71	1,129	2,210	0	3.37
31	448	141	398	101	479	106	925	2,150	0	3.37
Sept. 1	640	141	398	101	569	177	734	2,120	0	0
2	632	141	511	101	529	71	707	2,060	0	0

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

2. Includes conservation release of 60 cfs from Rio Reservoir.

Diversions by New Jersey through the D&R Canal August 27 - September 2, 2012 averaged 72.8 mgd.

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Summary river data for September 3 - 9, 2012 (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, 2012 to date
	release begin 1200	release end 2400	release begin 1500	beginning 0800	beginning 0800	beginning 0800	
Sept. 3	91	211	58	500	199	0	662
4	91	210	58	500	198	0	662
5	91	210	58	433	200	0	662
6	91	333	58	452	201	0	662
7	91	290	58	446	201	0	661
8	91	210	58	446	200	0	661
9	91	228	58	446	200	0	661

Pepacton Reservoir (P):	Available storage Sept. 10, 2012 (0800) Spillway crest elevation 1,280.00 ft.	104.606 billion gals. 74.6 % (elev. 1,259.22 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Sept. 10, 2012 (0800) Spillway crest elevation 1,150.00 ft.	56.886 billion gals. 59.4 % (elev. 1,121.65 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Sept. 10, 2012 (0800) Spillway crest elevation 1,440.00 ft.	23.445 billion gals. 67.1 % (elev. 1,414.15 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Sept. 10, 2012 (0800) Combined capacity at spillway level.	184.937 billion gals. 68.3 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Sept. 9, 2012 (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.
	Sept. 3	726	141	589	97	286	0	737	1,850	0
4	505	141	326	90	193	0	800	1,550	.07	.07
5	376	141	326	90	461	0	1,402	2,420	.96	1.03
6	0	141	325	90	482	0	1,322	2,360	.16	1.19
7	0	141	325	90	427	106	1,331	2,420	0	1.19
8	736	141	515	90	485	87	1,112	2,430	0	1.19
9	677	141	449	90	337	0	1,153	2,170	.51	1.70

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

2. Includes conservation release of 60 cfs from Rio Reservoir.

Diversions by New Jersey through the D&R Canal September 3 - 9, 2012, averaged 70.6 mgd.

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Summary river data for September 10 - 16, 2012 (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, 2012 to date
	release begin 1200	release end 2400	release begin 1500	beginning 0800	beginning 0800	beginning 0800	
Sept. 10	91	381	58	447	198	0	661
11	91	381	58	446	197	0	661
12	91	313	58	446	199	0	661
13	91	301	58	446	251	0	661
14	91	366	58	446	271	0	661
15	86	400	58	446	271	0	662
16	64	420	58	446	271	0	663

Pepacton Reservoir (P):	Available storage Sept. 17, 2012 (0800) Spillway crest elevation 1,280.00 ft.	101.195 billion gals. 72.2 % (elev. 1,257.05 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Sept. 17, 2012 (0800) Spillway crest elevation 1,150.00 ft.	53.085 billion gals. 55.5 % (elev. 1,118.47 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Sept. 17, 2012 (0800) Spillway crest elevation 1,440.00 ft.	23.199 billion gals. 66.4 % (elev. 1,413.53 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Sept. 17, 2012 (0800) Combined capacity at spillway level.	177.479 billion gals. 65.5 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Sept. 16, 2012 (2400) Spillway crest elevation 1,190.00 ft.	16.082 billion gals. 45.4 % (elev. 1,179.4 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.		
Sept. 10	251	141	325	90	80	0	1,304	1,940	.01	1.71
11	586	141	353	90	0	0	1,156	1,740	0	1.71
12	819	141	589	90	25	0	905	1,750	0	1.71
13	815	141	589	90	230	106	864	2,020	0	1.71
14	715	141	484	90	211	71	833	1,830	0	1.71
15	702	141	466	90	209	106	778	1,790	.15	1.86
16	788	141	566	90	0	0	733	1,530	0	1.86

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

2. Includes conservation release of 60 cfs from Rio Reservoir.

Diversions by New Jersey through the D&R Canal September 10 - 16, 2012, averaged 65.1 mgd.

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Summary river data for September 17 - 23, 2012 (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, 2012 to date
	release begin 1200	release end 2400	release begin 1500	beginning 0800	beginning 0800	beginning 0800	
Sept. 17	65	194	58	446	221	0	663
18	47	196	58	184	87	0	659
19	65	194	58	0	0	127	654
20	65	193	58	414	0	0	652
21	65	194	58	493	0	0	651
22	64	195	58	493	0	0	649
23	64	191	58	493	0	0	648

Pepacton Reservoir (P):	Available storage Sept. 24, 2012 (0800) Spillway crest elevation 1,280.00 ft.	102.320 billion gals. 73.0 % (elev. 1,257.77 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Sept. 24, 2012 (0800) Spillway crest elevation 1,150.00 ft.	53.132 billion gals. 55.5 % (elev. 1,118.51 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Sept. 24, 2012 (0800) Spillway crest elevation 1,440.00 ft.	29.070 billion gals. 83.2 % (elev. 1,427.50 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Sept. 24, 2012 (0800) Combined capacity at spillway level.	184.522 billion gals. 68.1 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Sept. 23, 2012 (2400) Spillway crest elevation 1,190.00 ft.	14.499 billion gals. 40.9 % (elev. 1,178.5 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 (inches)	
	Directed release <sup>1</sup>	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			Daily	Cumul.
	Sept. 17	806	141	619	90	0	0	730	1,580	0
18	900	133	650	90	18	0	1,069	1,960	.57	2.43
19	0	99	300	90	59	142	14,410	15,100	2.67	5.10
20	0	101	303	90	660	301	10,745	12,200	0	5.10
21	0	73	300	90	1,400	n.a.	n.a.	7,450	0	5.10
22	0	101	299	90	1,400	n.a.	n.a.	5,740	0	5.10
23	0	101	300	90	1,403	n.a.	n.a.	5,200	.34	5.44

1. Release directed to maintain a flow at Montague of 1,750 cfs. NOTE: The abbreviation "n.a." means data are currently unavailable.

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

Diversion by New Jersey through the D&R Canal September 17 - 23, 2012, averaged 81.7 mgd.

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Summary river data for September 24 - 30, 2012 (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, 2012 to date
	release begin 1200	release end 2400	release begin 1500	beginning 0800	beginning 0800	beginning 0800	
Sept. 24	64	190	58	493	0	0	647
25	64	196	58	456	171	0	646
26	64	197	58	493	205	0	647
27	65	196	58	438	205	0	647
28	65	197	58	493	60	0	646
29	65	196	58	493	0	0	645
30	65	192	52	493	0	0	644

Pepacton Reservoir (P):	Available storage Oct. 1, 2012 (0800) Spillway crest elevation 1,280.00 ft.	100.590 billion gals. 71.8 % (elev. 1,256.66 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Oct. 1, 2012 (0800) Spillway crest elevation 1,150.00 ft.	53.552 billion gals. 56.0 % (elev. 1,118.87 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Oct. 1, 2012 (0800) Spillway crest elevation 1,440.00 ft.	30.287 billion gals. 86.7 % (elev. 1,430.20 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Oct. 1, 2012 (0800) Combined capacity at spillway level.	184.429 billion gals. 68.1 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Sept. 30, 2012 (2400) Spillway crest elevation 1,190.00 ft.	15.202 billion gals. 42.9 % (elev. 1,178.9 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 <sup>2</sup>	Total Discharge	Precipitation	
	Directed release <sup>1</sup>	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			(inches)	
							Daily	Cumul.		
Sept. 24	0	101	302	90	663	106	2,918	4,180	0	5.44
25	0	99	295	90	4	230	2,562	3,280	0	5.44
26	0	99	294	90	0	230	2,177	2,890	.09	5.53
27	0	99	303	90	0	195	1,913	2,600	.05	5.58
28	0	99	305	90	0	195	1,981	2,670	.70	6.28
29	0	99	303	90	0	89	4,189	4,770	.34	6.62
30	0	101	305	90	0	89	4,545	5,130	0	6.62

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 24 - 30, 2012, are currently unavailable.