

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA

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

Summary river data for September 29 - October 5, 2014 (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
	spill begin 1200	release begin 1200	spill begin 2400	release end 2400	spill begin 1500	release begin 1500	beginning 800	beginning 800	beginning 800	1-Jun-14 to date
September 29	0	65	0	846	0	58	449	279	0	570
30	0	65	0	826	0	51	450	278	0	571
October 1	0	65	0	690	0	36	450	278	0	572
2	0	65	0	612	0	36	450	277	0	573
3	0	65	0	522	0	36	449	277	0	575
4	0	65	0	398	0	36	400	277	0	575
5	0	65	0	533	0	36	401	276	0	576

Pepacton Reservoir (P):	Average storage October 6, 2014 (0800)	101.945 billion gallons	72.7%	1,257.53 (elev. ft.)
	Spillway crest elevation 1,280.00 ft.	140.190 billion gallons		
Cannonsville Reservoir (C):	Average storage October 6, 2014 (0800)	52.071 billion gallons	54.4%	1,117.60 (elev. ft.)
	Spillway crest elevation 1,150.00 ft.	95.706 billion gallons		
Neversink Reservoir (N):	Average storage October 6, 2014 (0800)	27.090 billion gallons	77.5%	1,422.96 (elev. ft.)
	Spillway crest elevation 1,440.00 ft.	34.941 billion gallons		
Combined contents, PCN:	Average storage October 6, 2014 (0800)	181.106 billion gallons	66.9%	
	Combined capacity at spillway level.	270.837 billion gallons		
Lake Wallenpaupack:	Average storage October 5, 2014 (0800)	15.026 billion gallons	42.4%	1,178.8 (elev. 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				Power releases		Computed Uncon- trolled <sup>2</sup>	Total Discharge	Precipitation (inches)	
	Directed release <sup>1</sup>	Pepacton	from NYC Cannonsville	Reservoirs Neversink	Wallen- paupack	Rio Reservoir			Daily	Cumul
		September 29	1,260	101	1,069	90	171	35	434	1,900
30	1,323	101	1,132	90	88	142	487	2,040	0.00	1.36
October 1	1,500	101	1,309	90	0	142	398	2,040	0.01	0.01
2	1,458	101	1,278	79	0	142	430	2,030	0.01	0.02
3	1,224	101	1,067	56	0	142	444	1,810	0.00	0.02
4	1,104	101	947	56	0	301	505	1,910	0.43	0.45
5	965	101	808	56	0	18	607	1,590	0.38	0.83

1. Release directed to maintain a flow at Montague of 1,750 cfs and Trenton of 3,000 cfs.

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

Diversion by New Jersey through the D&R Canal September 29 - October 5, 2014 is 97.2 mgd.

The average diversion for the 30-day period ending October 5, 2014 was 95.6 mgd and the maximum diversion was 98 mg. on October 3 - 5, 2014.

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

Summary river data for October 6 - 12, 2014 (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
	spill begin 1200	release begin 1200	spill begin 1200	release end 2400	spill begin 1200	release begin 1500	beginning 800	beginning 800	beginning 800	1-Jun-14 to date
October 6	0	65	0	662	0	36	401	280	0	577
7	0	65	0	673	0	36	401	280	0	578
8	0	65	0	702	0	36	401	6	0	577
9	0	65	0	756	0	36	401	0	0	575
10	0	65	0	782	0	36	401	0	0	574
11	0	65	0	756	0	36	401	0	0	573
12	0	65	0	671	0	36	401	0	0	571

Pepacton Reservoir (P):	Average storage October 13, 2014 (0800)	98.936 billion gallons	70.6%	1,255.59 (elev. ft.)
	Spillway crest elevation 1,280.00 ft.	140.190 billion gallons		
Cannonsville Reservoir (C):	Average storage October 13, 2014 (0800)	46.824 billion gallons	48.9%	1,113.01 (elev. ft.)
	Spillway crest elevation 1,150.00 ft.	95.706 billion gallons		
Neversink Reservoir (N):	Average storage October 13, 2014 (0800)	26.923 billion gallons	77.1%	1,422.57 (elev. ft.)
	Spillway crest elevation 1,440.00 ft.	34.941 billion gallons		
Combined contents, PCN:	Average storage October 13, 2014 (0800)	172.683 billion gallons	63.8%	
	Combined capacity at spillway level	270.837 billion gallons		
Lake Wallenpaupack:	Average storage October 12, 2014 (0800)	15.026 billion gallons	42.4%	1,178.8 (elev. 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 NYC Reservoirs				Power releases		Computed	Total Discharge	Precipitation (inches)	
	Directed release <sup>1</sup>	Pepacton	Cannonsville	Neversink	Wallen- paupack	Rio Reservoir			Daily	Cumul
	October 6	773	101	616	56	0	0	657	1,430	0.00
7	982	101	825	56	34	0	564	1,580	0.01	0.84
8	1,181	101	1,024	56	0	0	569	1,750	0.33	1.17
9	1,198	101	1,041	56	0	0	532	1,730	0.00	1.17
10	1,243	101	1,086	56	0	0	477	1,720	0.00	1.17
11	1,327	101	1,170	56	0	0	473	1,800	0.08	1.25
12	1,367	101	1,210	56	0	0	443	1,810	0.04	1.29

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 October 6 - 12, 2014 averaged 95.9 mgd.

The average diversion for the 30-day period ending October 12, 2014 was 94.8 mgd and the maximum diversion was 98 mg. on October 3 - 5, 2014.

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

Summary river data for October 13 - 19, 2014 (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
	spill begin 1200	release begin 1200	spill begin 1200	release end 2400	spill begin 1200	release begin 1500	beginning 800	beginning 800	beginning 800	1-Jun-14 to date
October 13	0	65	0	737	0	36	401	0	0	570
14	0	65	0	715	0	36	401	0	0	569
15	0	65	0	581	0	36	401	0	0	568
16	0	65	0	278	0	36	399	0	0	566
17	0	65	0	96	0	36	0	0	0	562
18	0	65	0	98	0	36	0	0	0	558
19	0	65	0	97	0	36	0	0	0	554

Pepacton Reservoir (P):	Average storage October 20, 2014 (0800)	97.725	billion gallons	69.7%	1,254.80	(elev. ft.)
	Spillway crest elevation 1,280.00 ft.	140.190	billion gallons			
Cannonsville Reservoir (C):	Average storage October 20, 2014 (0800)	46.980	billion gallons	49.1%	1,113.15	(elev. ft.)
	Spillway crest elevation 1,150.00 ft.	95.706	billion gallons			
Neversink Reservoir (N):	Average storage October 20, 2014 (0800)	27.094	billion gallons	77.5%	1,422.97	(elev. ft.)
	Spillway crest elevation 1,440.00 ft.	34.941	billion gallons			
Combined contents, PCN:	Average storage October 20, 2014 (0800)	171.799	billion gallons	63.4%		
	Combined capacity at spillway level	270.837	billion gallons			
Lake Wallenpaupack:	Average storage October 19, 2014 (0800)	16.082	billion gallons	45.4%	1,179.4	(elev. 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 NYC Reservoirs				Power releases		Computed	Total Discharge	Precipitation	
	Directed release <sup>1</sup>	Pepacton	Cannonsville	Neversink	Wallen- paupack	Rio Reservoir			(inches)	
							Daily	Cumul		
October 13	1,327	101	1,170	56	0	160	383	1,870	0.01	1.30
14	1,195	101	1,038	56	0	106	419	1,720	0.02	1.32
15	1,297	101	1,140	56	0	0	423	1,720	0.00	1.32
16	1,263	101	1,106	56	0	0	2,477	3,740	2.44	3.76
17	1,056	101	899	56	46	0	7,848	8,950	0.15	3.91
18	587	101	430	56	0	0	3,943	4,530	0.00	3.91
19	306	101	149	56	8	177	2,589	3,080	0.03	3.94

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

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

Diversion by New Jersey through the D&R October 13 - 19, 2014 is 93.5 mgd.

The average diversion for the 30-day period ending October 19, 2014 was 95.2 mgd and the maximum diversion was 99 mgd on October 6, 2014.

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

Summary river data for October 20 - 26, 2014 (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
	spill begin 1200	release begin 1200	spill begin 2400	release end 2400	spill begin 1500	release begin 1500	beginning 800	beginning 800	beginning 800	1-Jun-14 to date
October 20	0	65	0	97	0	36	375	0	0	553
21	0	65	0	97	0	36	498	0	0	553
22	0	65	0	97	0	36	497	0	214	554
23	0	65	0	96	0	36	486	0	301	555
24	0	65	0	97	0	36	494	0	303	557
25	0	65	0	98	0	36	493	0	303	559
26	0	65	0	98	0	36	460	0	303	560

Pepacton Reservoir (P):	Average storage October 27, 2014 (0800)	95.373	billion gallons	68.0%	1,253.25	(elev. ft.)
	Spillway crest elevation 1,280.00 ft.	140.190	billion gallons			
Cannonsville Reservoir (C):	Average storage October 27, 2014 (0800)	48.381	billion gallons	50.6%	1,114.41	(elev. ft.)
	Spillway crest elevation 1,150.00 ft.	95.706	billion gallons			
Neversink Reservoir (N):	Average storage October 27, 2014 (0800)	26.169	billion gallons	74.9%	1,420.79	(elev. ft.)
	Spillway crest elevation 1,440.00 ft.	34.941	billion gallons			
Combined contents, PCN:	Average storage October 27, 2014 (0800)	169.923	billion gallons	62.7%		
	Combined capacity at spillway level	270.837	billion gallons			
Lake Wallenpaupack:	Average storage October 26, 2014 (0800)	16.610	billion gallons	46.9%	1,179.7	(elev. 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 NYC Reservoirs				Power releases		Computed	Total Discharge	Precipitation	
	Directed release <sup>1</sup>	Pepacton	Cannonsville	Neversink	Wallen- paupack	Rio Reservoir			(inches)	
							Uncon- trolled <sup>2</sup>	Daily	Cumul	
October 20	0	101	152	56	0	71	1,920	2,300	0.00	3.94
21	0	101	150	56	2	0	1,581	1,890	0.08	4.02
22	0	101	150	56	48	0	1,425	1,780	0.31	4.33
23	0	101	150	56	30	0	1,593	1,930	0.31	4.64
24	0	101	150	56	16	0	1,817	2,140	0.11	4.75
25	0	101	149	56	0	0	1,884	2,190	0.00	4.75
26	0	101	150	56	0	0	1,743	2,050	0.09	4.84

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

2. Includes conservation release of 60 to 90 cfs from Rio Reservoir.

Diversions by New Jersey through the D&R October 20 - 26, 2014 averaged 93.5 mgd.

The average diversion for the 30-day period ending October 26, 2014 was 95.2 mgd and the maximum diversion was 99 mg on October 6, 2014.