

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA.

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

Summary river data for October 1 - 7, 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	
Oct. 1	65	130	36	493	0	0	642
2	65	97	36	493	0	0	641
3	65	97	36	493	0	0	640
4	65	97	36	493	0	0	639
5	65	97	36	493	0	0	638
6	65	98	36	493	0	0	636
7	65	99	36	493	0	0	635

Pepacton Reservoir (P):	Available storage Oct. 8, 2012 (0800) Spillway crest elevation 1,280.00 ft.	98.983 billion gals. 70.6 % (elev. 1,255.62 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Oct. 8, 2012 (0800) Spillway crest elevation 1,150.00 ft.	54.789 billion gals. 57.2 % (elev. 1,119.93 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Oct. 8, 2012 (0800) Spillway crest elevation 1,440.00 ft.	31.257 billion gals. 89.5 % (elev. 1,432.31 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Oct. 8, 2012 (0800) Combined capacity at spillway level.	185.029 billion gals. 68.3 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Oct. 7, 2012 (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 (inches)	
	Directed release <sup>1</sup>	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			Daily	Cumul.
	Oct. 1	0	101	303	90	0	0	3,416	3,910	.01
2	0	101	297	80	0	0	3,062	3,540	0	.01
3	0	101	201	56	0	0	3,572	3,930	.50	.51
4	0	101	150	56	0	89	3,454	3,850	.05	.56
5	0	101	150	56	0	106	3,537	3,950	.36	.92
6	0	101	150	56	0	177	3,636	4,120	0	.92
7	0	101	150	56	0	124	3,179	3,610	.02	.94

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 1 - 7, 2012, averaged 58.7 Mgal/d.

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Summary river data for October 8 - 14, 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	
Oct. 8	65	98	36	493	0	0	634
9	65	99	36	492	0	0	633
10	65	99	36	492	0	0	632
11	65	99	36	492	180	0	632
12	65	99	36	462	206	0	633
13	65	99	36	491	206	0	633
14	65	99	36	491	206	0	634

Pepacton Reservoir (P):	Available storage Oct. 15, 2012 (0800) Spillway crest elevation 1,280.00 ft.	96.673 billion gals. 69.0 % (elev. 1,254.11 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Oct. 15, 2012 (0800) Spillway crest elevation 1,150.00 ft.	54.568 billion gals. 57.0 % (elev. 1,119.74 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Oct. 15, 2012 (0800) Spillway crest elevation 1,440.00 ft.	31.864 billion gals. 91.2 % (elev. 1,433.61 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Oct. 15, 2012 (0800) Combined capacity at spillway level.	183.105 billion gals. 67.6 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Oct. 14, 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.
	Oct. 8	0	101	152	56	0	230	2,891	3,430	.08
9	0	101	153	56	0	177	2,653	3,140	0	1.02
10	0	101	152	56	11	177	2,463	2,960	.06	1.08
11	0	101	153	56	13	106	2,371	2,800	.12	1.20
12	0	101	153	56	0	89	2,271	2,670	0	1.20
13	0	101	153	56	0	177	2,063	2,550	.02	1.22
14	0	101	153	56	0	89	1,931	2,330	.08	1.30

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 8 - 14, 2012, averaged 66.9 Mgal/d.

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Summary river data for October 15 - 21, 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	
Oct. 15	65	99	36	491	204	0	634
16	65	99	36	496	206	0	635
17	65	99	36	496	206	0	635
18	65	99	36	498	292	0	636
19	65	98	36	284	107	0	634
20	65	99	36	0	0	0	630
21	65	98	36	0	0	0	626

Pepacton Reservoir (P):	Available storage Oct. 22, 2012 (0800) Spillway crest elevation 1,280.00 ft.	97.786 billion gals. 69.8 % (elev. 1,254.84 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Oct. 22, 2012 (0800) Spillway crest elevation 1,150.00 ft.	59.059 billion gals. 61.7 % (elev. 1,123.43 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Oct. 22, 2012 (0800) Spillway crest elevation 1,440.00 ft.	33.910 billion gals. 97.0 % (elev. 1,437.90 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Oct. 22, 2012 (0800) Combined capacity at spillway level.	190.755 billion gals. 70.4 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Oct. 21, 2012 (2400) Spillway crest elevation 1,190.00 ft.	19.436 billion gals. 54.8 % (elev. 1,181.3 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	
	Directed release <sup>1</sup>	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			(inches)	
							Daily	Cumul.		
Oct. 15	0	101	153	56	0	0	1,900	2,210	0	1.30
16	0	101	153	56	0	0	1,980	2,290	.16	1.46
17	0	101	153	56	13	89	1,888	2,300	0	1.46
18	0	101	153	56	26	213	1,821	2,370	0	1.46
19	0	101	153	56	0	266	3,484	4,060	1.32	2.78
20	0	101	153	56	0	266	18,924	19,500	.68	3.46
21	0	101	152	56	0	230	11,961	12,500	0	3.46

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 15 - 21, 2012, averaged 62.9 Mgal/d.

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Summary river data for October 22 - 28, 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		Average June 1, 2012 to date	
	release begin 1200	release end 2400	release begin 1500	spill begin 0800	beginning 0800	beginning 0800		beginning 0800
Oct. 22	65	99	36	0	414	0	0	624
23	65	98	36	0	492	0	0	623
24	65	98	36	0	491	0	0	622
25	65	97	36	0	495	0	0	621
26	65	97	76	0	0	0	0	617
27	65	97	123	0	0	0	0	613
28	65	97	118	24	0	0	0	609

Pepacton Reservoir (P):	Available storage Oct. 29, 2012 (0800) Spillway crest elevation 1,280.00 ft.	99.428 billion gals. 70.9 % (elev. 1,255.91 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Oct. 29, 2012 (0800) Spillway crest elevation 1,150.00 ft.	63.803 billion gals. 66.7 % (elev. 1,127.22 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Oct. 29, 2012 (0800) Spillway crest elevation 1,440.00 ft.	35.026 billion gals. 100.2 % (elev. 1,440.17 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Oct. 29, 2012 (0800) Combined capacity at spillway level.	198.257 billion gals. 73.2 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Oct. 28, 2012 (2400) Spillway crest elevation 1,190.00 ft.	16.434 billion gals. 46.4 % (elev. 1,179.6 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. 22	0		
23	0	101	152	56	538	195	5,988	7,030	0	3.46
24	0	101	153	56	580	89	5,921	6,900	.50	3.96
25	0	101	152	56	548	124	6,979	7,960	.10	4.06
26	0	101	152	56	1,000	266	6,615	8,190	.01	4.07
27	0	101	150	56	1,497	426	6,120	8,350	0	4.07
28	0	101	150	118	1,529	426	5,916	8,240	0	4.07

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 22 - 28, 2012, averaged 68.1 Mgal/d.