

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA.

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

Summary river data for September 30 - October 6, 2013 (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, 2013 to date
	release begin 1200	release end 2400	release begin 1500	beginning 0800	beginning 0800	beginning 0800	
Sept. 30	97	621	60	424	281	0	591
Oct. 1	97	666	48	432	287	0	592
2	97	517	48	432	286	0	593
3	97	509	48	41	61	0	590
4	97	585	48	338	256	0	590
5	97	582	48	449	271	0	591
6	97	651	48	430	260	0	591

Pepacton Reservoir (P):	Available storage Oct. 7, 2013 (0800) Spillway crest elevation 1,280.00 ft.	112.299 billion gals. 80.1 % (elev. 1,263.99 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Oct. 7, 2013 (0800) Spillway crest elevation 1,150.00 ft.	72.814 billion gals. 76.1 % (elev. 1,134.13 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Oct. 7, 2013 (0800) Spillway crest elevation 1,440.00 ft.	27.176 billion gals. 77.8 % (elev. 1,423.16 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Oct. 7, 2013 (0800) Combined capacity at spillway level.	212.289 billion gals. 78.4 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Oct. 6, 2013 (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. 30	1,000	150	749	101	33	177	800	2,010	0
Oct. 1	1,105	150	854	101	12	195	768	2,080	0	0
2	1,204	150	961	93	0	0	746	1,950	0	0
3	1,254	150	1,030	74	0	0	656	1,910	0	0
4	1,024	150	800	74	0	0	666	1,690	.05	.05
5	1,011	150	787	74	0	71	658	1,740	.15	.20
6	1,129	150	905	74	0	0	731	1,860	.43	.63

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 30 - October 6, 2013 averaged 89.5 mgd. The average diversion for the 30-day period ending October 6, 2013 is currently unavailable. The maximum daily mean diversion for the 30-day period ending October 6, 2013 is currently unavailable.

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA.

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

Summary river data for October 7 - 13, 2013 (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, 2013 to date
	release begin 1200	release end 2400	release begin 1500	beginning 0800	beginning 0800	beginning 0800	
Oct. 7	97	166	48	297	219	0	591
8	95	144	48	308	226	0	590
9	97	209	48	308	226	0	590
10	97	145	48	383	226	0	590
11	97	145	48	445	260	0	591
12	97	147	48	445	268	0	592
13	97	207	48	430	259	0	593

Pepacton Reservoir (P):	Available storage Oct. 14, 2013 (0800) Spillway crest elevation 1,280.00 ft.	111.284 billion gals. 79.4 % (elev. 1,263.37 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Oct. 14, 2013 (0800) Spillway crest elevation 1,150.00 ft.	72.417 billion gals. 75.7 % (elev. 1,133.83 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Oct. 14, 2013 (0800) Spillway crest elevation 1,440.00 ft.	27.090 billion gals. 77.5 % (elev. 1,422.96 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Oct. 14, 2013 (0800) Combined capacity at spillway level.	210.791 billion gals. 77.8 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Oct. 13, 2013 (2400) Spillway crest elevation 1,190.00 ft.	15.730 billion gals. 44.4 % (elev. 1,179.2 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.
	Oct. 7	1124	150	900	74	0	0	1,336	2,460	.05
8	1231	150	1007	74	0	0	1,529	2,760	.82	1.50
9	481	150	257	74	0	0	2,179	2,660	0	1.50
10	384	150	223	74	0	0	1,673	2,120	0	1.50
11	544	147	323	74	0	0	1,266	1,810	.03	1.53
12	262	150	224	74	0	0	1,152	1,600	0	1.53
13	0	150	224	74	0	0	1,022	1,470	0	1.53

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 October 7 - 13, 2013 averaged 79.2 mgd. The average diversion for the 30-day period ending October 13, 2013 is currently unavailable and the maximum daily mean diversion for the 30-day period ending October 13, 2013 is currently unavailable.

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA.

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

Summary river data for October 14 - 20, 2013 (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, 2013 to date
	release begin 1200	release end 2400	release begin 1500	beginning 0800	beginning 0800	beginning 0800	
Oct. 14	97	305	48	294	329	0	593
15	96	320	48	307	333	0	593
16	97	358	48	304	333	0	593
17	97	409	48	409	275	0	594
18	97	216	48	449	270	105	596
19	97	278	48	450	269	0	597
20	97	181	48	422	247	0	597

Pepacton Reservoir (P):	Available storage Oct. 21, 2013 (0800) Spillway crest elevation 1,280.00 ft.	109.332 billion gals. 78.0 % (elev. 1,262.17 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Oct. 21, 2013 (0800) Spillway crest elevation 1,150.00 ft.	69.689 billion gals. 72.8 % (elev. 1,131.77 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Oct. 21, 2013 (0800) Spillway crest elevation 1,440.00 ft.	26.812 billion gals. 76.7 % (elev. 1,422.31 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Oct. 21, 2013 (0800) Combined capacity at spillway level.	205.833 billion gals. 76.0 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Oct. 20, 2013 (2400) Spillway crest elevation 1,190.00 ft.	15.730 billion gals. 44.4 % (elev. 1,179.2 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.
	Oct. 14	139	150	227	74	0	35	924	1,410	0
15	538	150	320	74	0	124	802	1,470	0	1.53
16	700	150	472	74	27	124	993	1,840	0	1.53
17	726	150	495	74	0	106	1,035	1,860	.01	1.54
18	777	149	554	74	0	230	1,043	2,050	.23	1.77
19	858	150	633	74	0	142	1,031	2,030	0	1.77
20	556	150	334	74	0	177	1,095	1,830	.05	1.82

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 October 14- 20, 2013 averaged 81.4 mgd. The average diversion for the 30-day period ending October 20, 2013 was 84.7 mgd and the maximum daily mean diversion was 94 mgd on September 30, 2013.

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA.

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

Summary river data for October 21 - 27, 2013 (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, 2013 to date
	release begin 1200	release end 2400	release begin 1500	beginning 0800	beginning 0800	beginning 0800	
Oct. 21	97	213	48	304	392	0	598
22	97	241	48	307	420	0	599
23	97	404	48	304	229	0	598
24	97	385	48	355	409	0	599
25	97	444	48	449	364	0	601
26	97	456	45	449	331	0	602
27	91	421	36	422	331	0	603

Pepacton Reservoir (P):	Available storage Oct. 28, 2013 (0800) Spillway crest elevation 1,280.00 ft.	106.884 billion gals. 76.2 % (elev. 1,260.65 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Oct. 28, 2013 (0800) Spillway crest elevation 1,150.00 ft.	65.561 billion gals. 68.5 % (elev. 1,128.60 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Oct. 28, 2013 (0800) Spillway crest elevation 1,440.00 ft.	26.600 billion gals. 76.1 % (elev. 1,421.81 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Oct. 28, 2013 (0800) Combined capacity at spillway level.	199.045 billion gals. 73.5 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Oct. 27, 2013 (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	
	Directed release ¹	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			(inches)	
							Daily	Cumul.		
Oct. 21	652	150	430	74	0	89	1,037	1,780	0	1.82
22	505	150	280	74	0	0	1,036	1,540	0	1.82
23	554	150	330	74	15	0	881	1,450	.01	1.83
24	601	150	373	74	13	0	950	1,560	0	1.83
25	852	150	625	74	0	0	871	1,720	0	1.83
26	826	150	596	74	0	0	900	1,720	0	1.83
27	925	150	687	74	0	0	839	1,750	0	1.83

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

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

Divisions by New Jersey through the D&R Canal October 21- 27, 2013 averaged 76.6 mgd. The average diversion for the 30-day period ending October 27, 2013 was 82.3 mgd and the maximum daily mean diversion was 94 mgd on September 30, 2013.