

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA

[Web address: http://water.usgs.gov/osw/odrm](http://water.usgs.gov/osw/odrm)

Summary river data for June 30 - July 6, 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
June 30	132	150	0	325	0	71	500	0	0	593
July 1	36	96	0	325	0	71	500	0	117	594
2	1	92	0	325	0	71	481	0	106	594
3	19	90	0	325	0	71	82	0	256	586
4	142	90	0	326	0	71	0	0	303	578
5	170	90	0	326	0	71	304	0	228	576
6	54	100	0	326	0	75	422	0	179	577

Pepacton Reservoir (P):	Average storage July 7, 2014 (0800)	140.264	billion gallons	100.1%	1,280.04	(elev. ft.)
	Spillway crest elevation 1,280.00 ft.	140.190	billion gallons			
Cannonsville Reservoir (C):	Average storage July 7, 2014 (0800)	94.428	billion gallons	98.7%	1,149.16	(elev. ft.)
	Spillway crest elevation 1,150.00 ft.	95.706	billion gallons			
Neversink Reservoir (N):	Average storage July 7, 2014 (0800)	34.414	billion gallons	98.5%	1,438.93	(elev. ft.)
	Spillway crest elevation 1,440.00 ft.	34.941	billion gallons			
Combined contents, PCN:	Average storage July 7, 2014 (0800)	269.106	billion gallons	99.4%		
	Combined capacity at spillway level.	270.837	billion gallons			
Lake Wallenpaupack:	Average storage July 6, 2014 (0800)	25.767	billion gallons	72.7%	1,184.8	(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	Precipitation	
	Directed release ¹	Pepacton	Cannonsville	Neversink	Wallen- paupack	Rio Reservoir			Discharge	(inches)
							Uncon- trolled ²	Daily		Cumul
June 30	0	139	503	110	393	106	3,659	4,910	0.02	5.23
July 1	0	139	503	110	299	89	3,250	4,390	0.07	0.07
2	0	144	503	110	446	248	2,989	4,440	0.06	0.13
3	0	232	503	110	478	284	6,013	7,620	0.55	0.68
4	0	149	503	110	399	426	12,113	13,700	0.97	1.65
5	0	142	503	110	392	426	11,327	12,900	0.14	1.79
6	0	139	504	110	272	426	6,649	8,100	0.00	1.79

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 June 30 - July 6, 2014 is 97.0 mgd.

The average diversion for the 30-day period ending July 6, 2014 was 89.5 mgd and the maximum diversion was 101 mg. on June 29 and 30, 2014.

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA

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

Summary river data for July 7 - 13, 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
July 7	2	315	0	365	0	90	494	0	211	581
8	0	323	0	388	0	90	500	0	229	584
9	0	323	0	386	0	90	501	0	115	585
10	0	323	0	386	0	90	501	244	0	589
11	0	323	0	392	0	90	501	33	0	588
12	0	323	0	391	0	90	401	224	0	589
13	0	323	0	388	0	90	174	102	0	581

Pepacton Reservoir (P):	Average storage July 14, 2014 (0800)	138.040	billion gallons	98.5%	1,278.83	(elev. ft.)
	Spillway crest elevation 1,280.00 ft.	140.190	billion gallons			
Cannonsville Reservoir (C):	Average storage July 14, 2014 (0800)	92.968	billion gallons	97.1%	1,148.20	(elev. ft.)
	Spillway crest elevation 1,150.00 ft.	95.706	billion gallons			
Neversink Reservoir (N):	Average storage July 14, 2014 (0800)	34.863	billion gallons	99.8%	1,439.84	(elev. ft.)
	Spillway crest elevation 1,440.00 ft.	34.941	billion gallons			
Combined contents, PCN:	Average storage July 14, 2014 (0800)	265.871	billion gallons	98.2%		
	Combined capacity at spillway level	270.837	billion gallons			
Lake Wallenpaupack:	Average storage July 13, 2014 (0800)	25.037	billion gallons	70.6%	1,184.4	(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	Precipitation	
	Directed release ¹	Pepacton	Cannonsville	Neversink	Wallen- paupack	Rio Reservoir	Uncon- trolled ²	Discharge	(inches)	
									Daily	Cumul
July 7	0	139	504	110	328	426	4,553	6,060	0.00	1.79
8	0	139	504	116	439	426	3,756	5,380	0.24	2.03
9	0	155	565	139	510	266	4,055	5,690	0.63	2.66
10	0	487	600	139	300	124	4,530	6,180	0.30	2.96
11	0	500	597	139	314	213	3,477	5,240	0.00	2.96
12	0	500	597	139	341	213	2,880	4,670	0.00	2.96
13	0	500	606	139	291	248	2,526	4,310	0.00	2.96

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 July 7 - 13, 2014 averaged 97.1 mgd.

The average diversion for the 30-day period ending July 13, 2014 was 93.8 mgd and the maximum diversion was 101 mgd on June 29 and 30, 2014.

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Summary river data for July 14 - 20, 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
July 14	0	381	0	390	29	123	0	0	267	574
15	0	442	0	389	216	123	0	0	273	568
16	0	452	0	390	525	123	0	0	259	561
17	0	453	0	390	155	123	0	0	92	551
18	0	453	0	389	143	123	1	0	0	540
19	0	451	0	389	111	123	304	0	0	535
20	0	453	0	389	82	123	304	0	0	530

Pepacton Reservoir (P):	Average storage July 21, 2014 (0800)	138.205 billion gallons	98.6%	1,278.92 (elev. ft.)
	Spillway crest elevation 1,280.00 ft.	140.190 billion gallons		
Cannonsville Reservoir (C):	Average storage July 21, 2014 (0800)	91.827 billion gallons	95.9%	1,147.45 (elev. ft.)
	Spillway crest elevation 1,150.00 ft.	95.706 billion gallons		
Neversink Reservoir (N):	Average storage July 21, 2014 (0800)	35.016 billion gallons	100.2%	1,440.15 (elev. ft.)
	Spillway crest elevation 1,440.00 ft.	34.941 billion gallons		
Combined contents, PCN:	Average storage July 21, 2014 (0800)	265.048 billion gallons	97.9%	
	Combined capacity at spillway level	270.837 billion gallons		
Lake Wallenpaupack:	Average storage July 20, 2014 (0800)	24.125 billion gallons	68.1%	1,183.9 (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	Precipitation	
	Directed release ¹	Pepacton	Cannonsville	Neversink	Wallen- paupack	Rio Reservoir	Uncon- trolled ²	Discharge	(inches)	
									Daily	Cumul
July 14	0	500	605	139	376	248	4,052	5,920	0.84	3.80
15	0	500	600	141	324	301	8,334	10,200	0.07	3.87
16	0	500	603	190	246	266	7,515	9,320	0.75	4.62
17	0	589	602	190	282	426	9,011	11,100	0.00	4.62
18	0	684	603	190	277	426	6,000	8,180	0.00	4.62
19	0	699	603	190	388	426	4,314	6,620	0.00	4.62
20	0	701	602	190	265	266	3,496	5,520	0.04	4.66

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 July 14 - 20, 2014 averaged 90.5 mgd.

The average diversion for the 30-day period ending July 20, 2014 was 94.5 mgd and the maximum diversion was 101 mgd on June 29 & 30 and July 9 & 19, 2014.

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA

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

Summary river data for July 21 - 27, 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
July 21	0	453	0	388	56	123	301	0	0	526
22	0	452	0	389	9	122	426	0	140	526
23	0	452	0	389	0	123	450	0	140	528
24	0	452	0	388	0	123	451	0	0	526
25	0	336	0	388	0	123	451	193	0	528
26	0	322	0	388	0	123	451	39	0	528
27	0	323	0	388	0	123	451	0	0	526

Pepacton Reservoir (P):	Average storage July 28, 2014 (0800)	134.426 billion gallons	95.9%	1,276.84 (elev. ft.)
	Spillway crest elevation 1,280.00 ft.	140.190 billion gallons		
Cannonsville Reservoir (C):	Average storage July 28, 2014 (0800)	90.093 billion gallons	94.1%	1,146.31 (elev. ft.)
	Spillway crest elevation 1,150.00 ft.	95.706 billion gallons		
Neversink Reservoir (N):	Average storage July 28, 2014 (0800)	34.680 billion gallons	99.3%	1,439.47 (elev. ft.)
	Spillway crest elevation 1,440.00 ft.	34.941 billion gallons		
Combined contents, PCN:	Average storage July 28, 2014 (0800)	259.199 billion gallons	95.7%	
	Combined capacity at spillway level	270.837 billion gallons		
Lake Wallenpaupack:	Average storage July 27, 2014 (0800)	22.847 billion gallons	64.4%	1,183.2 (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	Precipitation	
	Directed release ¹	Pepacton	Cannonsville	Neversink	Wallen- paupack	Rio Reservoir	Uncon- trolled ²	Discharge	(inches)	
									Daily	Cumul
July 21	0	701	602	190	303	248	2,946	4,990	0.00	4.66
22	0	698	602	190	297	213	2,610	4,610	0.00	4.66
23	0	701	600	190	360	142	2,407	4,400	0.00	4.66
24	0	701	602	189	369	266	2,133	4,260	0.46	5.12
25	0	699	602	190	212	266	2,711	4,680	0.00	5.12
26	0	699	600	190	383	266	2,072	4,210	0.00	5.12
27	0	699	600	190	277	213	1,681	3,660	0.08	5.20

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 July 21 - 27, 2014 averaged 97.7 mgd.

The average diversion for the 30-day period ending July 27, 2014 was 95.8 mgd and the maximum diversion was 101 mgd on June 29 & 30 and July 9 & 19, 2014.