

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA

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

Summary river data for July 28 - August 3, 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	release	spill	release	spill	release	beginning	beginning	beginning	1-Jun-14
	begin 1200	begin 1200	begin 2400	end 2400	begin 1500	begin 1500	800	800	800	to date
July 28	0	323	0	387	0	123	451	214	0	529
29	0	322	0	388	0	123	451	4	0	527
30	0	322	0	388	0	123	451	210	0	530
31	0	200	0	379	0	123	451	288	0	533
August 1	0	97	0	387	0	123	450	5	0	532
2	0	97	0	386	0	123	450	0	0	530
3	0	97	0	387	0	123	450	0	0	529

Pepacton Reservoir (P):	Average storage August 4, 2014 (0800)	131.185 billion gallons	93.6%	1,275.03 (elev. ft.)
	Spillway crest elevation 1,280.00 ft.	140.190 billion gallons		
Cannonsville Reservoir (C):	Average storage August 4, 2014 (0800)	87.710 billion gallons	91.6%	1,144.73 (elev. ft.)
	Spillway crest elevation 1,150.00 ft.	95.706 billion gallons		
Neversink Reservoir (N):	Average storage August 4, 2014 (0800)	34.345 billion gallons	98.3%	1,438.79 (elev. ft.)
	Spillway crest elevation 1,440.00 ft.	34.941 billion gallons		
Combined contents, PCN:	Average storage August 4, 2014 (0800)	253.240 billion gallons	93.5%	
	Combined capacity at spillway level	270.837 billion gallons		
Lake Wallenpaupack:	Average storage August 3, 2014 (0800)	22.124 billion gallons	62.4%	1,182.8 (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 <sup>1</sup>	Pepacton	Cannonsville	Neversink	Wallen-paupack	Rio Reservoir	Uncon-trolled <sup>2</sup>	Discharge	(inches)	
									Daily	Cumul
July 28	0	520	600	190	225	195	1,640	3,370	0.15	5.35
29	0	498	600	190	123	195	1,704	3,310	0.17	5.52
30	0	500	599	190	107	142	1,602	3,140	0.00	5.52
31	0	500	600	190	77	142	1,441	2,950	0.00	5.52
August 1	0	498	600	190	217	142	1,333	2,980	0.08	0.08
2	0	498	586	190	360	71	1,565	3,270	0.36	0.44
3	0	309	599	190	67	71	1,294	2,530	0.01	0.45

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 July 28 - August 3, 2014 is 99.1 mgd.

The average diversion for the 30-day period ending August 3, 2014 was 96.2 mgd and the maximum diversion was 101 mgd on July 9, 19 & 28 and August 2, 2014.

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA

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Summary river data for August 4 - 10, 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
August 4	0	97	0	388	0	123	450	0	0	528
5	0	97	0	388	0	123	450	0	152	529
6	0	97	0	388	0	123	450	0	0	528
7	0	97	0	386	0	122	450	178	0	529
8	0	97	0	387	0	123	450	228	0	532
9	0	97	0	387	0	123	450	228	0	534
10	0	97	0	388	0	123	450	58	0	533

Pepacton Reservoir (P):	Average storage August 11, 2014 (0800)	128.110	billion gallons	91.4%	1,273.29	(elev. ft.)
	Spillway crest elevation 1,280.00 ft.	140.190	billion gallons			
Cannonsville Reservoir (C):	Average storage August 11, 2014 (0800)	84.964	billion gallons	88.8%	1,142.83	(elev. ft.)
	Spillway crest elevation 1,150.00 ft.	95.706	billion gallons			
Neversink Reservoir (N):	Average storage August 11, 2014 (0800)	33.698	billion gallons	96.4%	1,437.46	(elev. ft.)
	Spillway crest elevation 1,440.00 ft.	34.941	billion gallons			
Combined contents, PCN:	Average storage August 11, 2014 (0800)	246.772	billion gallons	91.1%		
	Combined capacity at spillway level	270.837	billion gallons			
Lake Wallenpaupack:	Average storage August 10, 2014 (0800)	20.869	billion gallons	58.9%	1,182.1	(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 <sup>1</sup>	Pepacton	Cannonsville	Neversink	Wallen- paupack	Rio Reservoir	Uncon- trolled <sup>2</sup>	Discharge	(inches)	
									Daily	Cumul
August 4	0	150	597	190	140	71	1,332	2,480	0.04	0.49
5	0	150	599	190	280	106	1,265	2,590	0.00	0.49
6	0	150	600	190	257	106	1,207	2,510	0.15	0.64
7	0	150	600	190	230	142	1,198	2,510	0.00	0.64
8	0	150	600	190	165	71	1,214	2,390	0.00	0.64
9	0	150	597	189	370	142	1,082	2,530	0.00	0.64
10	0	150	599	190	232	18	1,011	2,200	0.00	0.64

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 August 4 - 10, 2014 averaged 94.3 mgd.

The average diversion for the 30-day period ending August 10, 2014 was 95.3 mgd and the maximum diversion was 101 mgd on July 19 & 28 and August 2, 2014.

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Summary river data for August 11 - 17, 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
August 11	0	96	0	389	0	123	449	0	151	534
12	0	96	0	388	0	123	21	30	0	528
13	0	96	0	388	0	123	448	0	0	527
14	0	96	0	387	0	119	450	264	0	529
15	0	97	0	387	0	97	450	298	0	532
16	0	96	0	385	0	97	450	298	0	535
17	0	97	0	386	0	97	450	298	0	537

Pepacton Reservoir (P):	Average storage August 18, 2014 (0800)	125.279 billion gallons	89.4%	1,271.67 (elev. ft.)
	Spillway crest elevation 1,280.00 ft.	140.190 billion gallons		
Cannonsville Reservoir (C):	Average storage August 18, 2014 (0800)	81.582 billion gallons	85.2%	1,140.49 (elev. ft.)
	Spillway crest elevation 1,150.00 ft.	95.706 billion gallons		
Neversink Reservoir (N):	Average storage August 18, 2014 (0800)	33.101 billion gallons	94.7%	1,436.22 (elev. ft.)
	Spillway crest elevation 1,440.00 ft.	34.941 billion gallons		
Combined contents, PCN:	Average storage August 18, 2014 (0800)	239.962 billion gallons	88.6%	
	Combined capacity at spillway level	270.837 billion gallons		
Lake Wallenpaupack:	Average storage August 17, 2014 (0800)	20.869 billion gallons	58.9%	1,182.1 (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 <sup>1</sup>	Pepacton	Cannonsville	Neversink	Wallen- paupack	Rio Reservoir	Uncon- trolled <sup>2</sup>	Discharge	(inches)	
									Daily	Cumul
August 11	417	150	599	190	216	35	920	2,110	0.00	0.64
12	527	150	600	190	154	160	966	2,220	0.04	0.68
13	240	150	602	190	0	266	1,052	2,260	0.63	1.31
14	0	149	600	190	32	230	1,349	2,550	0.15	1.46
15	0	149	600	190	13	89	1,289	2,330	0.10	1.56
16	374	149	599	184	0	0	1,048	1,980	0.00	1.56
17	401	149	599	150	0	0	922	1,820	0.01	1.57

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 August 11- 17, 2014 is currently unavailable.

The average diversion for the 30-day period ending August 17,2014 and the maximum diversion are currently unavailable.

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Summary river data for August 18 - 24, 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
August 18	0	97	0	428	0	97	450	297	152	542
19	0	97	0	437	0	97	450	98	162	544
20	0	97	0	464	0	97	450	0	151	545
21	0	97	0	443	0	97	450	0	0	544
22	0	97	0	550	0	97	450	0	0	543
23	0	97	0	391	0	97	450	0	0	541
24	0	97	0	391	0	97	450	0	0	540

Pepacton Reservoir (P):	Average storage August 25, 2014 (0800)	121.968 billion gallons	87.0%	1,269.75 (elev. ft.)
	Spillway crest elevation 1,280.00 ft.	140.190 billion gallons		
Cannonsville Reservoir (C):	Average storage August 25, 2014 (0800)	78.664 billion gallons	82.2%	1,138.40 (elev. ft.)
	Spillway crest elevation 1,150.00 ft.	95.706 billion gallons		
Neversink Reservoir (N):	Average storage August 25, 2014 (0800)	32.189 billion gallons	92.1%	1,434.30 (elev. ft.)
	Spillway crest elevation 1,440.00 ft.	34.941 billion gallons		
Combined contents, PCN:	Average storage August 25, 2014 (0800)	232.821 billion gallons	86.0%	
	Combined capacity at spillway level	270.837 billion gallons		
Lake Wallenpaupack:	Average storage August 24, 2014 (0800)	20.690 billion gallons	58.4%	1,182.0 (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
	August 18	150	150	596	150	26	0	828	1,750	0.00
19	514	149	597	150	179	0	805	1,880	0.00	1.57
20	962	150	662	150	202	18	848	2,030	0.00	1.57
21	976	150	676	150	225	0	839	2,040	0.16	1.73
22	1,018	150	718	150	225	18	3,099	4,360	0.93	2.66
23	985	150	685	150	292	0	2,323	3,600	0.01	2.67
24	1,151	150	851	150	5	195	1,449	2,800	0.08	2.75

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 August 18 - 24, 2014 averaged 91.1 mgd.

The average diversion for the 30-day period ending August 24, 2014 and the maximum diversion are currently unavailable.

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Summary river data for August 25 - 31, 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	release	spill	release	spill	release	beginning	beginning	beginning	1-Jun-14
	begin 1200	begin 1200	begin 2400	end 2400	begin 1500	begin 1500	800	800	800	to date
August 25	0	97	0	389	0	97	450	0	151	541
26	0	97	0	392	0	97	450	0	152	542
27	0	97	0	390	0	95	450	0	155	543
28	0	97	0	390	0	90	450	0	280	545
29	0	97	0	390	0	90	437	0	307	547
30	0	97	0	485	0	90	450	0	303	549
31	0	97	0	534	0	82	450	0	303	551

Pepacton Reservoir (P):	Average storage September 1, 2014 (0800)	118.579 billion gallons	84.6%	1,267.76 (elev. ft.)
	Spillway crest elevation 1,280.00 ft.	140.190 billion gallons		
Cannonsville Reservoir (C):	Average storage September 1, 2014 (0800)	76.122 billion gallons	79.5%	1,136.56 (elev. ft.)
	Spillway crest elevation 1,150.00 ft.	95.706 billion gallons		
Neversink Reservoir (N):	Average storage September 1, 2014 (0800)	30.164 billion gallons	86.3%	1,429.93 (elev. ft.)
	Spillway crest elevation 1,440.00 ft.	34.941 billion gallons		
Combined contents, PCN:	Average storage September 1, 2014 (0800)	224.865 billion gallons	83.0%	
	Combined capacity at spillway level	270.837 billion gallons		
Lake Wallenpaupack:	Average storage August 31, 2014 (0800)	19.077 billion gallons	53.8%	1,181.1 (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 <sup>1</sup>	Pepacton	Cannonsville	Neversink	Wallen-paupack	Rio Reservoir	Uncon-trolled <sup>2</sup>	Discharge	(inches)	
									Daily	Cumul
August 25	0	150	605	150	208	0	1,257	2,370	0.00	2.75
26	0	150	605	150	311	89	1,105	2,410	0.00	2.75
27	0	150	602	150	440	177	941	2,460	0.00	2.75
28	77	150	606	150	501	89	844	2,340	0.00	2.75
29	295	150	603	147	308	18	764	1,990	0.00	2.75
30	371	150	603	139	308	18	682	1,900	0.00	2.75
31	832	150	603	139	442	18	708	2,060	0.00	2.75

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 August 25 - 31, 2014 is currently unavailable.

The average diversion for the 30-day period ending August 31, 2014 and the maximum diversion are currently unavailable.