

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

Summary river data for October 27 to November 2, 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 27	0	65	0	98	0	36	472	0	303	561
28	0	65	0	98	0	36	366	0	303	562
29	0	65	0	109	0	36	494	0	303	564
30	0	65	0	95	0	36	494	0	303	565
31	0	65	0	127	0	36	494	0	303	567
November 1	0	68	0	228	0	38	515	0	315	568
2	0	65	0	281	0	36	493	0	303	570

Pepacton Reservoir (P):	Average storage November 3, 2014 (0800):	92.709 billion gallons	66.1%	1,251.47 (elev. ft.)
	Spillway crest elevation 1,280.00 ft.	140.190 billion gallons		
Cannonsville Reservoir (C):	Average storage November 3, 2014 (0800):	49.060 billion gallons	51.3%	1,115.02 (elev. ft.)
	Spillway crest elevation 1,150.00 ft.	95.706 billion gallons		
Neversink Reservoir (N):	Average storage November 3, 2014 (0800):	24.242 billion gallons	69.4%	1,416.13 (elev. ft.)
	Spillway crest elevation 1,440.00 ft.	34.941 billion gallons		
Combined contents, PCN:	Average storage November 3, 2014 (0800):	166.011 billion gallons	61.3%	
	Combined capacity at spillway level	270.837 billion gallons		
Lake Wallenpaupack:	Average storage November 2, 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	Precipitation	
	Directed release1	Pepacton	Cannonsville	Neversink	Wallen- paupack	Rio Reservoir	Uncon- trolled2	Discharge	(inches)	
									Daily	Cumul
October 27	0	101	152	56	0	0	1,651	1,960	0.01	4.85
28	0	101	152	56	6	0	1,605	1,920	0.00	4.85
29	0	101	152	56	88	0	1,503	1,900	0.09	4.94
30	0	101	152	56	0	0	1,421	1,730	0.13	5.07
31	326	101	169	56	0	0	1,414	1,740	0.00	5.07
November 1	0	101	147	56	0	0	1,356	1,660	0.00	0.00
2	353	101	196	56	0	0	1,257	1,610	0.01	0.01

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

2. Includes conservation release ranged from 70 to 90 cfs from Rio Reservoir.

Diversions by New Jersey through the D&R Canal October 27 to November 2, 2014 averaged 95.2 mgd.

The average diversion for the 30-day period ending November 2, 2014 was 94.7 mgd and the maximum diversion was 99 mgd on October 6, 2014.

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA

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

Summary river data for November 3 - 9, 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
November 3	0	65	0	334	0	36	493	0	303	571
4	0	65	0	378	0	36	493	0	303	573
5	0	65	0	99	0	36	493	0	303	574
6	0	65	0	318	0	36	489	0	220	575
7	0	65	0	476	0	36	400	0	203	575
8	0	65	0	557	0	36	400	0	203	575
9	0	65	0	606	0	36	400	0	203	576

Pepacton Reservoir (P):	Average storage November 10, 2014 (0800)	89.884 billion gallons	64.1%	1,249.55 (elev. ft.)
	Spillway crest elevation 1,280.00 ft.	140.190 billion gallons		
Cannonsville Reservoir (C):	Average storage November 10, 2014 (0800)	47.436 billion gallons	49.6%	1,113.56 (elev. ft.)
	Spillway crest elevation 1,150.00 ft.	95.706 billion gallons		
Neversink Reservoir (N):	Average storage November 10, 2014 (0800)	22.630 billion gallons	64.8%	1,412.09 (elev. ft.)
	Spillway crest elevation 1,440.00 ft.	34.941 billion gallons		
Combined contents, PCN:	Average storage November 10, 2014 (0800)	159.950 billion gallons	59.1%	
	Combined capacity at spillway level	270.837 billion gallons		
Lake Wallenpaupack:	Average storage November 9, 2014 (0800)	16.786 billion gallons	47.3%	1,179.8 (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 Montagu

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
November 3	513	101	353	59	0	124	1,163	1,800	0.00	0.01
4	596	105	435	56	0	106	1,068	1,770	0.00	0.01
5	674	101	517	56	81	106	909	1,770	0.00	0.01
6	742	101	585	56	0	0	988	1,730	0.01	0.02
7	0	101	153	56	0	0	1,080	1,390	0.07	0.09
8	649	101	492	56	8	0	893	1,550	0.03	0.12
9	893	101	736	56	0	0	947	1,840	0.00	0.12

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.

Diversions by New Jersey through the D&R Canal November 3 - 9, 2014 is 92.0 mgd.

The average diversion for the 30-day period ending November 9, 2014 was 93.7 mgd and the maximum diversion was 97 mg. on November 11, 13, 14, and 31, 2014.

The maximum diversion was 97 mg. on November 11, 13, 14, and 31, 2014.

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

Summary river data for November 10 - 16, 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
November 10	0	65	0	628	0	36	400	0	203	576
11	0	65	0	693	0	36	300	0	0	574
12	0	65	0	697	0	36	299	0	0	572
13	0	65	0	694	0	36	296	0	0	571
14	0	65	0	513	0	36	298	0	0	569
15	0	65	0	469	0	36	299	0	0	568
16	0	65	0	482	0	36	297	0	0	566

Pepacton Reservoir (P):	Average storage November 17, 2014 (0800)	87.955 billion gallons	62.7%	1,248.22 (elev. ft.)
	Spillway crest elevation 1,280.00 ft.	140.190 billion gallons		
Cannonsville Reservoir (C):	Average storage November 17, 2014 (0800)	44.189 billion gallons	46.2%	1,110.64 (elev. ft.)
	Spillway crest elevation 1,150.00 ft.	95.706 billion gallons		
Neversink Reservoir (N):	Average storage November 17, 2014 (0800)	22.392 billion gallons	64.1%	1,411.48 (elev. ft.)
	Spillway crest elevation 1,440.00 ft.	34.941 billion gallons		
Combined contents, PCN:	Average storage November 17, 2014 (0800)	154.536 billion gallons	57.1%	
	Combined capacity at spillway level	270.837 billion gallons		
Lake Wallenpaupack:	Average storage November 16, 2014 (0800)	16.786 billion gallons	47.3%	1,179.8 (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	Uncon- trolled ²	Discharge	(inches)	
									Daily	Cumul
November 10	1,019	101	862	56	0	0	911	1,930	0.00	0.12
11	1,094	101	937	56	0	0	846	1,940	0.00	0.12
12	1,129	101	972	56	54	124	893	2,200	0.00	0.12
13	1,229	101	1,072	56	0	230	801	2,260	0.01	0.13
14	1,235	101	1,078	56	0	106	809	2,150	0.08	0.21
15	1,231	101	1,074	56	0	0	699	1,930	0.00	0.21
16	951	101	794	56	0	0	729	1,680	0.00	0.21

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 November 10 - 16, 2014 is 92.5 mgd.

The average diversion for the 30-day period ending November 16, 2014 was 93.4 mgd and the maximum diversion was 97 mg. on October 31, 2014.

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

Summary river data for November 17 - 23, 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
November 17	0	65	0	593	0	36	301	0	0	564
18	0	65	0	629	0	36	301	0	0	563
19	0	65	0	589	0	36	301	0	0	561
20	0	65	0	374	0	36	217	0	0	559
21	0	65	0	406	0	36	421	179	0	560
22	0	65	0	406	0	36	450	227	0	560
23	0	65	0	253	0	36	450	231	0	561

Pepacton Reservoir (P):	Average storage November 24, 2014 (0800):	86.523 billion gallons	61.7%	1,247.22 (elev. ft.)
	Spillway crest elevation 1,280.00 ft.	140.190 billion gallons		
Cannonsville Reservoir (C):	Average storage November 24, 2014 (0800):	42.542 billion gallons	44.5%	1,109.11 (elev. ft.)
	Spillway crest elevation 1,150.00 ft.	95.706 billion gallons		
Neversink Reservoir (N):	Average storage November 24, 2014 (0800):	22.665 billion gallons	64.9%	1,412.18 (elev. ft.)
	Spillway crest elevation 1,440.00 ft.	34.941 billion gallons		
Combined contents, PCN:	Average storage November 24, 2014 (0800):	151.730 billion gallons	56.0%	
	Combined capacity at spillway level	270.837 billion gallons		
Lake Wallenpaupack:	Average storage November 23, 2014 (0800):	16.962 billion gallons	47.8%	1,179.9 (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
November 17	883	101	726	56	0	0	807	1,690	0.26	0.47
18	903	101	746	56	0	0	1,047	1,950	0.38	0.85
19	1,074	101	917	56	0	0	1,636	2,710	0.00	0.85
20	1,130	101	973	56	0	0	1,370	2,500	0.00	0.85
21	1,068	101	911	56	0	0	1,132	2,200	0.00	0.85
22	736	101	579	56	37	0	957	1,730	0.00	0.85
23	785	101	628	56	0	0	1,015	1,800	0.06	0.91

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 November 17 - 23, 2014 averaged 96.4 mgd.

The average diversion for the 30-day period ending November 23, 2014 was 94.0 mgd and the maximum diversion was 99 mg on November 21 and 22, 2014.

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

Summary river data for November 24 - 30, 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
November 24	0	65	0	260	0	36	450	231	0	562
25	0	65	0	141	0	36	456	231	0	562
26	0	65	0	77	0	36	149	68	0	560
27	0	65	0	65	0	36	0	0	0	557
28	0	65	0	65	0	36	215	229	0	557
29	0	65	0	65	0	36	397	275	0	557
30	0	65	0	65	0	36	485	276	0	558

Pepacton Reservoir (P):	Average storage December 1, 2014 (0800)	86.737 billion gallons	61.9%	1,247.37 (elev. ft.)
	Spillway crest elevation 1,280.00 ft.	140.190 billion gallons		
Cannonsville Reservoir (C):	Average storage December 1, 2014 (0800)	44.255 billion gallons	46.2%	1,110.70 (elev. ft.)
	Spillway crest elevation 1,150.00 ft.	95.706 billion gallons		
Neversink Reservoir (N):	Average storage December 1, 2014 (0800)	23.465 billion gallons	67.2%	1,414.20 (elev. ft.)
	Spillway crest elevation 1,440.00 ft.	34.941 billion gallons		
Combined contents, PCN:	Average storage December 1, 2014 (0800)	154.457 billion gallons	57.0%	
	Combined capacity at spillway level	270.837 billion gallons		
Lake Wallenpaupack:	Average storage November 30, 2014 (0800)	17.666 billion gallons	49.8%	1,180.3 (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 release1	Pepacton	Cannonsville	Neversink	Wallen- paupack	Rio Reservoir	Uncon- trolled2	Discharge	(inches)	
									Daily	Cumul
November 24	785	101	628	56	0	0	1,325	2,110	0.60	1.51
25	548	101	391	56	0	0	1,832	2,380	0.02	1.53
26	559	101	402	56	0	0	2,631	3,190	0.00	1.53
27	0	101	218	56	0	0	2,405	2,780	0.70	2.23
28	0	101	119	56	0	0	2,234	2,510	0.07	2.30
29	0	101	101	56	0	0	2,022	2,280	0.00	2.30
30	0	101	101	56	0	0	1,822	2,080	0.01	2.31

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

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

Diversions by New Jersey through the D&R Canal November 24 - 30, 2014 averaged 94.7 mgd.

The average diversion for the 30-day period ending November 30, 2014 was 93.9 mgd and the maximum diversion was 101 mgd on November 24, 2014.