

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA  
 Web address: <http://water.usgs.gov/osw/odrm>  
 Summary river data for September 28<sup>th</sup> – October 4<sup>th</sup>, 2015 (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 0800	Beginning 0800	Beginning 0800	1-June-15 to date
Sept 28	0	65	0	618	0	58	450	0	0	565
29	0	65	0	195	0	58	450	0	151	565
30	0	65	0	195	0	52	114	0	151	563
Oct 1	0	65	0	195	0	36	0	0	0	558
2	0	65	0	98	0	36	219	0	0	556
3	0	65	0	100	0	36	305	0	0	554
4	0	65	0	100	0	36	305	0	0	552

Pepacton Reservoir (P):	Available storage Oct 5, 2015 (0800) Spillway crest elevation 1,280.00 ft.	105.002 billion gallons 140.190 billion gallons	74.9%	1,259.47 (elev.ft.)
Cannonsville Reservoir (C):	Available storage Oct 5, 2015 (0800) Spillway crest elevation 1,150.00 ft.	54.206 billion gallons 95.706 billion gallons	56.6%	1,119.43 (elev.ft.)
Neversink Reservoir (N):	Available storage Oct 5, 2015 (0800) Spillway crest elevation 1,440.00 ft.	27.064 billion gallons 34.941 billion gallons	77.5%	1,422.90 (elev.ft.)
Combined contents, PCN:	Available storage Oct 5, 2015 (0800) Combined capacity at spillway level	186.272 billion gallons 270.837 billion gallons	68.8%	
Lake Wallenpaupack:	Available storage Oct 4, 2015 (0800) Spillway crest elevation 1,190.00 ft.	16.258 billion gallons 35.451 billion gallons	45.9%	1,179.5 (elev.ft.)

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	Cumulative
Sept 28	1,447	101	1,256	90	0	0	373	1,820	0.00	2.28
29	1,404	101	1,213	90	13	0	423	1,840	0.00	2.28
30	1,147	101	956	90	13	0	2,330	3,490	<u>2.49</u>	<u>4.77</u>
Oct 1	0	101	302	90	9	0	4,218	4,720	0.10	0.10
2	0	101	302	80	0	0	3,427	3,910	0.02	0.12
3	0	101	302	56	0	71	2,320	2,850	0.25	0.37
4	0	101	152	56	0	0	2,091	2,400	0.22	0.59

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 (September 28<sup>th</sup> – October 1<sup>st</sup>), 100 cfs (October 2<sup>nd</sup> - 4<sup>th</sup>) from Rio Reservoir.

Diversions by New Jersey through the D&R Canal September 28<sup>th</sup> – October 4<sup>th</sup>, 2015 averaged 70.1 mgd

The average diversion for the 30-day period ending October 4<sup>th</sup>, 2015 was 66.9 mgd and the maximum diversion was 72 mg on October 1<sup>st</sup>.

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA  
 Web address: <http://water.usgs.gov/osw/odrm>  
 Summary river data for October 5<sup>th</sup> -11<sup>th</sup> 2015 (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 0800	Beginning 0800	Beginning 0800	1-June-15 to date
Oct 5	0	65	0	380	0	36	300	0	0	550
6	0	65	0	573	0	36	451	0	0	549
7	0	65	0	671	0	36	451	0	0	548
8	0	65	0	677	0	36	451	0	134	548
9	0	64	0	513	0	36	451	0	150	549
10	0	65	0	473	0	36	451	0	0	548
11	0	65	0	436	0	36	451	0	1	547

Pepacton Reservoir (P):	Available storage Oct 12, 2015 (0800) Spillway crest elevation 1,280.00 ft.	102.383 billion gallons 140.190 billion gallons	73.0%	1,257.81 (elev.ft.)
Cannonsville Reservoir (C):	Available storage Oct 12, 2015 (0800) Spillway crest elevation 1,150.00 ft.	51.627 billion gallons 95.706 billion gallons	53.9%	1,117.22 (elev.ft.)
Neversink Reservoir (N):	Available storage Oct 12, 2015 (0800) Spillway crest elevation 1,440.00 ft.	26.774 billion gallons 34.941 billion gallons	76.6.%	1,422.22 (elev.ft.)
Combined contents, PCN:	Available storage Oct 12, 2015 (0800) Combined capacity at spillway level	180.784 billion gallons 270.837 billion gallons	66.8%	
Lake Wallenpaupack:	Available storage Oct 11, 2015 (0800) Spillway crest elevation 1,190.00 ft.	16.434 billion gallons 35.451 billion gallons	46.4%	1,179.6 (elev.ft.)

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	Cumulative
Oct 5	0	101	155	56	0	0	1,658	1,970	0.00	0.59
6	0	101	155	56	0	53	1,515	1,880	0.00	0.59
7	745	101	588	56	16	0	1,159	1,920	0.00	0.59
8	1,043	101	886	56	13	0	1,124	2,180	0.00	0.59
9	1,195	101	1038	56	0	0	1,015	2,210	0.00	0.59
10	1,204	101	1047	56	0	0	986	2,190	0.27	0.86
11	951	101	794	56	0	0	979	1,930	0.00	0.86

1. Release directed to maintain a flow at Montague of 1,750 cfs and Trenton of 3,000 cfs.

2. Includes conservation release of 100 cfs (October 5<sup>th</sup> -11<sup>th</sup>) from Rio Reservoir.

Diversions by New Jersey through the D&R Canal October 5<sup>th</sup> -11<sup>th</sup>, 2015 averaged 65.8 mgd

The average diversion for the 30-day period ending October 11<sup>th</sup>, 2015 was 67.3 mgd and the maximum diversion was 72 mg on October 1<sup>st</sup>.

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA  
 Web address: <http://water.usgs.gov/osw/odrm>  
 Summary river data for October 12<sup>th</sup>-18<sup>th</sup> 2015 (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 0800	Beginning 0800	Beginning 0800	1-June-15 to date
Oct 12	0	65	0	473	0	36	451	0	201	548
13	0	65	0	462	0	36	451	0	201	549
14	0	65	0	486	0	36	451	0	201	550
15	0	65	0	627	0	36	319	0	25	548
16	0	65	0	637	0	36	300	0	0	546
17	0	65	0	705	0	36	1	0	0	542
18	0	65	0	706	0	36	0	0	0	539

Pepacton Reservoir (P):	Available storage Oct 19, 2015 (0800) Spillway crest elevation 1,280.00 ft.	100.528 billion gallons 140.190 billion gallons	71.7%	1,256.62 (elev.ft.)
Cannonsville Reservoir (C):	Available storage Oct 19, 2015 (0800) Spillway crest elevation 1,150.00 ft.	48.414 billion gallons 95.706 billion gallons	50.6%	1,114.44 (elev.ft.)
Neversink Reservoir (N):	Available storage Oct 19, 2015 (0800) Spillway crest elevation 1,440.00 ft.	26.118 billion gallons 34.941 billion gallons	74.7%	1,420.67 (elev.ft.)
Combined contents, PCN:	Available storage Oct 19, 2015 (0800) Combined capacity at spillway level	175.060 billion gallons 270.837 billion gallons	64.6%	
Lake Wallenpaupack:	Available storage Oct 18, 2015 (0800) Spillway crest elevation 1,190.00 ft.	16.786 billion gallons 35.451 billion gallons	47.3%	1,179.8 (elev.ft.)

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	Cumulative
Oct 12	887	99	732	56	0	0	1,143	2,030	0.00	0.86
13	831	101	674	56	0	0	1,079	1,910	0.00	0.86
14	889	101	732	56	0	0	911	1,800	0.06	0.92
15	872	101	715	56	0	0	878	1,750	0.00	0.92
16	909	101	752	56	0	0	851	1,760	0.07	0.99
17	1,127	101	970	56	0	0	833	1,960	0.03	1.02
18	1,142	101	985	56	0	177	968	2,110	0.00	1.02

1. Release directed to maintain a flow at Montague of 1,750 cfs and Trenton of 3,000 cfs.

2. Includes conservation release of 70 cfs (October 12<sup>th</sup>-18<sup>th</sup>) from Rio Reservoir.

Diversions by New Jersey through the D&R Canal October 12<sup>th</sup>-18<sup>th</sup>, 2015 averaged 73.7 mgd

The average diversion for the 30-day period ending October 18<sup>th</sup>, 2015 was 69.6 mgd and the maximum diversion was 79 mg on October 18<sup>th</sup>.

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA  
 Web address: <http://water.usgs.gov/osw/odrm>  
 Summary river data for October 19<sup>th</sup>-25<sup>th</sup> 2015 (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 0800	Beginning 0800	Beginning 0800	1-June-15 to date
Oct 19	0	65	0	734	0	36	0	0	0	535
20	0	65	0	605	0	36	348	0	0	533
21	0	65	0	605	0	36	347	0	0	532
22	0	65	0	567	0	36	350	0	0	531
23	0	65	0	587	0	36	350	0	0	530
24	0	65	0	551	0	36	351	0	0	528
25	0	65	0	563	0	36	351	0	0	527

Pepacton Reservoir (P):	Available storage Oct 26, 2015 (0800) Spillway crest elevation 1,280.00 ft.	98.537 billion gallons 140.190 billion gallons	70.3%	1,255.33 (elev.ft.)
Cannonsville Reservoir (C):	Available storage Oct 26, 2015 (0800) Spillway crest elevation 1,150.00 ft.	45.078 billion gallons 95.706 billion gallons	47.1%	1,111.44 (elev.ft.)
Neversink Reservoir (N):	Available storage Oct 26, 2015 (0800) Spillway crest elevation 1,440.00 ft.	26.106 billion gallons 34.941 billion gallons	74.7%	1,420.64 (elev.ft.)
Combined contents, PCN:	Available storage Oct 26, 2015 (0800) Combined capacity at spillway level	169.721 billion gallons 270.837 billion gallons	62.7%	
Lake Wallenpaupack:	Available storage Oct 25, 2015 (0800) Spillway crest elevation 1,190.00 ft.	16.962 billion gallons 35.451 billion gallons	47.8%	1,179.9 (elev.ft.)

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	Cumulative
Oct 19	1,248	101	1,091	56	0	0	772	2,020	0.00	1.02
20	1,249	101	1,092	56	40	0	811	2,060	0.00	1.02
21	1,292	101	1,135	56	0	0	738	2,030	0.00	1.02
22	1,093	101	936	56	0	0	737	1,830	0.00	1.02
23	1,093	101	936	56	0	0	707	1,800	0.00	1.02
24	1,034	101	877	56	0	0	696	1,730	0.00	1.02
25	1,065	101	908	56	0	0	765	1,830	0.50	1.52

1. Release directed to maintain a flow at Montague of 1,750 cfs and Trenton of 3,000 cfs.

2. Includes conservation release of 70 cfs (October 19<sup>th</sup>-25<sup>th</sup>) from Rio Reservoir.

Diversions by New Jersey through the D&R Canal October 19<sup>th</sup>-25<sup>th</sup>, 2015 averaged 83.4 mgd

The average diversion for the 30-day period ending October 25<sup>th</sup>, 2015 was 73.0 mgd and the maximum diversion was 89 mg on October 23<sup>rd</sup>.

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA  
 Web address: <http://water.usgs.gov/osw/odrm>  
 Summary river data for October 26<sup>th</sup>–November 1<sup>st</sup> 2015 (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 0800	Beginning 0800	Beginning 0800	1-June-15 to date
Oct 26	0	65	0	405	0	36	350	0	0	526
27	0	65	0	145	0	36	427	0	0	525
28	0	64	0	96	0	36	451	0	0	525
29	0	66	0	96	0	36	451	0	0	524
30	0	66	0	97	0	36	451	0	0	524
31	0	66	0	97	0	38	451	0	0	523
Nov 1	0	66	0	101	0	36	451	0	0	523

Pepacton Reservoir (P):	Available storage Nov 2, 2015 (0800) Spillway crest elevation 1,280.00 ft.	99.167 billion gallons 140.190 billion gallons	70.7%	1,255.74 (elev.ft.)
Cannonsville Reservoir (C):	Available storage Nov 2, 2015 (0800) Spillway crest elevation 1,150.00 ft.	49.037 billion gallons 95.706 billion gallons	51.2%	1,115.00 (elev.ft.)
Neversink Reservoir (N):	Available storage Nov 2, 2015 (0800) Spillway crest elevation 1,440.00 ft.	27.770 billion gallons 34.941 billion gallons	79.5%	1,424.54 (elev.ft.)
Combined contents, PCN:	Available storage Nov 2, 2015 (0800) Combined capacity at spillway level	175.974 billion gallons 270.837 billion gallons	65.0%	
Lake Wallenpaupack:	Available storage Nov 1, 2015 (0800) Spillway crest elevation 1,190.00 ft.	19.256 billion gallons 35.451 billion gallons	54.3%	1,181.2 (elev.ft.)

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	Cumulative
Oct 26	1,009	101	852	56	0	0	921	1,930	0.00	1.52
27	1,028	101	871	56	0	0	952	1,980	0.00	1.52
28	784	101	627	56	13	0	1,053	1,850	0.04	1.56
29	381	101	224	56	13	0	5,546	5,940	2.29	3.85
30	0	101	149	56	0	0	12,094	12,400	0.04	3.89
31	0	99	149	56	0	71	6,775	7,150	<u>0.00</u>	<u>3.89</u>
Nov 1	0	102	150	59	0	0	4,729	5,040	0.00	0.00

1. Release directed to maintain a flow at Montague of 1,750 cfs and Trenton of 3,000 cfs.

2. Includes conservation release of 70 cfs (October 26<sup>th</sup>-31<sup>st</sup>) and 100 cfs (November 1<sup>st</sup>) from Rio Reservoir.

Diversions by New Jersey through the D&R Canal October 26<sup>th</sup>–November 1<sup>st</sup>, 2015 averaged 85.6 mgd

The average diversion for the 30-day period ending November 1<sup>st</sup>, 2015 was 76.6 mgd and the maximum diversion was 89 mg on October 23<sup>rd</sup>.