

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA
 Web address: <http://water.usgs.gov/osw/odrm>
 Summary river data for September 26th – October 2nd 2016 (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-16 to date
Sept 26	0	65	0	338	0	58	451	299	0	535
27	0	65	0	384	0	58	450	298	0	537
28	0	65	0	361	0	58	450	299	0	538
29	0	65	0	196	0	58	356	245	0	539
30	0	65	0	370	0	51	451	300	0	541
October 1	0	65	0	301	0	36	304	299	0	541
2	0	65	0	440	0	36	304	299	0	542

Pepacton Reservoir (P):	Available storage October 3, 2016 (0800) Spillway crest elevation 1,280.00 ft.	100.450 billion gallons 140.190 billion gallons	71.7%	1,256.57 (elev.ft.)
Cannonsville Reservoir (C):	Available storage October 3, 2016 (0800) Spillway crest elevation 1,150.00 ft.	44.344 billion gallons 95.706 billion gallons	46.3%	1,110.78 (elev.ft.)
Neversink Reservoir (N):	Available storage October 3, 2016 (0800) Spillway crest elevation 1,440.00 ft.	25.275 billion gallons 34.941 billion gallons	72.3%	1,418.65 (elev.ft.)
Combined contents, PCN:	Available storage October 3, 2016 (0800) Combined capacity at spillway level	170.069 billion gallons 270.837 billion gallons	62.8%	
Lake Wallenpaupack:	Available storage October 2, 2016 (0800) Spillway crest elevation 1,190.00 ft.	14.147 billion gallons 35.451 billion gallons	39.9%	1,178.31 (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 ¹	Pepacton	Cannonsville	Neversink	Wallen- paupack	Rio Reservoir	Uncon- trolled ²	Discharge	(inches)	
									Daily	Cumulative
Sept 26	816	101	625	90	432	0	582	1,830	0.00	1.60
27	765	101	574	90	469	0	596	1,830	0.27	1.87
28	614	101	523	90	473	0	573	1,760	0.00	1.87
29	785	101	594	90	442	0	533	1,760	0.04	1.91
30	749	101	558	90	447	0	644	1,840	<u>0.08</u>	<u>1.99</u>
October 1	494	101	303	90	461	71	924	1,950	0.62	0.62
2	752	101	572	79	472	0	926	2,150	0.13	0.75

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 on September 26th - October 2nd from Rio Reservoir.

Diversions by New Jersey through the D&R Canal September 26th – October 2nd 2016 averaged 77.8 MGD.

The average diversion for the 30-day period ending October 2nd, 2016 in MGD and the maximum in MGD are unavailable as data is missing from the 12th and 13th.

IERQ water was released; 100 on the 28th

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA
 Web address: <http://water.usgs.gov/osw/odrm>
 Summary river data for October 3rd – October 9th 2016 (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-16 to date
October 3	0	65	0	479	0	36	302	298	0	542
4	0	65	0	260	0	36	302	298	0	543
5	0	65	0	145	0	36	302	298	0	543
6	0	65	0	166	0	36	302	298	0	544
7	0	65	0	204	0	36	402	298	0	545
8	0	65	0	154	0	36	451	298	0	546
9	0	65	0	121	0	36	451	297	0	548

Pepacton Reservoir (P):	Available storage October 10, 2016 (0800) Spillway crest elevation 1,280.00 ft.	97.755 billion gallons 140.190 billion gallons	69.7%	1,254.82 (elev.ft.)
Cannonsville Reservoir (C):	Available storage October 10, 2016 (0800) Spillway crest elevation 1,150.00 ft.	41.343 billion gallons 95.706 billion gallons	43.2%	1,107.97 (elev.ft.)
Neversink Reservoir (N):	Available storage October 10, 2016 (0800) Spillway crest elevation 1,440.00 ft.	25.014 billion gallons 34.941 billion gallons	71.6%	1,418.02 (elev.ft.)
Combined contents, PCN:	Available storage October 10, 2016 (0800) Combined capacity at spillway level	164.112 billion gallons 270.837 billion gallons	60.6%	
Lake Wallenpaupack:	Available storage October 10, 2016 (0800) Spillway crest elevation 1,190.00 ft.	10.651 billion gallons 35.451 billion gallons	30.0%	1,176.30 (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 ¹	Pepacton	Cannonsville	Neversink	Wallen- paupack	Rio Reservoir	Uncon- trolled ²	Discharge	(inches)	
									Daily	Cumulative
October 3	623	101	466	56	479	0	1,068	2,170	0.02	0.77
4	838	101	681	56	698	0	904	2,440	0.00	0.77
5	898	101	741	56	780	0	582	2,260	0.00	0.77
6	559	101	402	56	668	0	883	2,110	0.00	0.77
7	381	101	224	56	533	0	726	1,640	0.00	0.77
8	414	101	257	56	699	0	637	1,750	0.00	0.77
9	473	101	316	56	685	0	622	7,780	0.01	0.78

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 on October 3rd - October 9th from Rio Reservoir.

Diversions by New Jersey through the D&R Canal October 3rd – October 9th 2016 averaged 79.6 MGD.

The average diversion for the 30-day period ending October 9th, 2016 in MGD and the maximum in MGD are unavailable as data is missing from the 12th and 13th.

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA
 Web address: <http://water.usgs.gov/osw/odrm>
 Summary river data for October 10th – October 16th 2016 (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-16 to date
October 10	0	65	0	125	0	36	451	299	0	549
11	0	65	0	158	0	36	451	299	0	551
12	0	65	0	210	0	36	451	299	0	552
13	0	65	0	244	0	36	482	299	0	554
14	0	65	0	486	0	36	492	298	77	556
15	0	65	0	797	0	36	492	298	0	558
16	0	65	0	732	0	36	492	297	0	560

Pepacton Reservoir (P):	Available storage October 17, 2016 (0800) Spillway crest elevation 1,280.00 ft.	94.126 billion gallons 140.190 billion gallons	67.1%	1,252.42 (elev.ft.)
Cannonsville Reservoir (C):	Available storage October 17, 2016 (0800) Spillway crest elevation 1,150.00 ft.	36.657 billion gallons 95.706 billion gallons	38.3%	1,103.42(elev.ft.)
Neversink Reservoir (N):	Available storage October 17, 2016 (0800) Spillway crest elevation 1,440.00 ft.	24.682 billion gallons 34.941 billion gallons	70.6%	1,417.21 (elev.ft.)
Combined contents, PCN:	Available storage October 17, 2016 (0800) Combined capacity at spillway level	155.465 billion gallons 270.837 billion gallons	57.4%	
Lake Wallenpaupack:	Available storage October 16, 2016 (0800) Spillway crest elevation 1,190.00 ft.	7.560 billion gallons 35.451 billion gallons	21.3%	1,174.53 (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 ¹	Pepacton	Cannonsville	Neversink	Wallen- paupack	Rio Reservoir	Uncon- trolled ²	Discharge	(inches)	
									Daily	Cumulative
October 10	395	101	238	56	769	0	736	1,900	0.00	0.78
11	344	101	187	56	763	50	733	1,840	0.00	0.78
12	350	101	193	56	754	0	626	1,730	0.00	0.78
13	401	101	244	56	805	0	594	1,800	0.00	0.78
14	382	101	325	56	942	0	896	2,320	0.03	0.81
15	434	101	377	56	1,000	0	366	1,900	0.00	0.81
16	809	101	752	56	0	177	611	1,520	0.00	0.81

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 on October 10th - October 16th from Rio Reservoir.

Diversions by New Jersey through the D&R Canal October 10th – October 16th 2016 averaged 81.1 MGD.

The average diversion for the 30-day period ending October 16th, 2016 is 77.6 MGD, the maximum is 83 MGD on October 9th and 11th.

IERQ releases of 100 cfs on the 14th, 15th and the 16th.

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 Summary river data for October 17th – October 23rd 2016 (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-16 to date
October 17	0	194	0	735	0	36	492	299	0	561
18	0	199	0	601	0	36	491	299	95	564
19	0	150	0	570	0	36	491	299	95	566
20	0	46	0	280	0	32	491	298	205	569
21	0	45	0	344	0	122	490	299	133	572
22	0	270	0	479	0	33	490	299	0	573
23	0	250	0	486	0	32	490	299	0	575

Pepacton Reservoir (P):	Available storage October 24, 2016 (0800) Spillway crest elevation 1,280.00 ft.	90.117 billion gallons 140.190 billion gallons	64.3%	1,249.71 (elev.ft.)
Cannonsville Reservoir (C):	Available storage October 24, 2016 (0800) Spillway crest elevation 1,150.00 ft.	31.962 billion gallons 95.706 billion gallons	33.4%	1,098.59(elev.ft.)
Neversink Reservoir (N):	Available storage October 24, 2016 (0800) Spillway crest elevation 1,440.00 ft.	23.914 billion gallons 34.941 billion gallons	68.4%	1,415.32 (elev.ft.)
Combined contents, PCN:	Available storage October 24, 2016 (0800) Combined capacity at spillway level	145.993 billion gallons 270.837 billion gallons	53.9%	
Lake Wallenpaupack:	Available storage October 25, 2016 (0800) Spillway crest elevation 1,190.00 ft.	7.729 billion gallons 35.451 billion gallons	21.8%	1,174.62 (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 ¹	Pepacton	Cannonsville	Neversink	Wallen- paupack	Rio Reservoir	Uncon- trolled ²	Discharge	(inches)	
									Daily	Cumulative
October17	1,290	101	1,233	56	0	0	470	1,860	0.04	0.85
18	1,289	101	1,132	56	0	0	521	1,810	0.00	0.85
19	1,294	101	1,137	56	0	0	496	1,790	0.00	0.85
20	1,286	300	930	56	0	0	454	1,740	0.01	0.86
21	1,246	308	882	56	0	0	484	1,730	0.20	1.06
22	715	232	433	50	0	0	735	1,450	0.34	1.40
23	792	71	532	189	0	0	588	1,380	0.20	1.60

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 on October 17th - October 23rd from Rio Reservoir.

Diversions by New Jersey through the D&R Canal October 17th – October 23rd 2016 averaged 83.9 MGD.

The average diversion for the 30-day period ending October 23rd, 2016 is 80.1 MGD, the maximum is 88 MGD on October 23rd.

IERQ releases of 100 cfs on the 17th.

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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-16 to date
October 24	0	349	0	657	0	32	489	298	2	576
25	0	204	0	587	0	32	490	298	151	578
26	0	50	0	271	0	32	491	298	170	581
27	0	196	0	325	0	32	491	299	154	583
28	0	346	0	293	0	32	491	299	203	586
29	0	349	0	387	0	32	490	299	203	589
30	0	299	0	373	0	32	490	294	203	592

Pepacton Reservoir (P):	Available storage October 31, 2016 (0800) Spillway crest elevation 1,280.00 ft.	85.611 billion gallons 140.190 billion gallons	61.1%	1,246.58 (elev.ft.)
Cannonsville Reservoir (C):	Available storage October 31, 2016 (0800) Spillway crest elevation 1,150.00 ft.	28.764 billion gallons 95.706 billion gallons	30.1%	1,095.14(elev.ft.)
Neversink Reservoir (N):	Available storage October 31, 2016 (0800) Spillway crest elevation 1,440.00 ft.	22.826 billion gallons 34.941 billion gallons	65.3%	1,412.59 (elev.ft.)
Combined contents, PCN:	Available storage October 31, 2016 (0800) Combined capacity at spillway level	137.201 billion gallons 270.837 billion gallons	50.7%	
Lake Wallenpaupack:	Available storage November 1, 2016 (0800) Spillway crest elevation 1,190.00 ft.	8.407 billion gallons 35.451 billion gallons	23.7%	1,174.99 (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 ¹	Pepacton	Cannonsville	Neversink	Wallen- paupack	Rio Reservoir	Uncon- trolled ²	Discharge	(inches)	
									Daily	Cumulative
October 24	862	70	741	51	0	0	888	1,750	0.25	1.85
25	1,173	371	752	50	0	35	882	2,090	0.01	1.86
26	1,253	387	1,016	50	0	0	777	2,230	0.01	1.87
27	1,298	540	908	50	0	0	612	2,110	0.06	1.93
28	485	316	419	50	0	0	1,055	1,840	1.00	2.93
29	630	77	503	50	0	71	2,029	2,730	0.00	2.93
30	806	303	453	50	0	0	1,724	2,530	0.00	2.93

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 on October 24th - October 27th and 35 cfs on October 28th to October 30th from Rio Reservoir.
 Diversions by New Jersey through the D&R Canal October 24th – October 30th 2016 averaged 89.3 MGD.
 The average diversion for the 30-day period ending October 30th, 2016 is 83.1 MGD, the maximum is 92 MGD on October 30th.
 IERQ releases of 200 cfs on the 26th, 27th and 300 cfs on the 30th.