

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA.

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

Summary river data for - September 27 - October 3, 2010 (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 June 1, 2010 to date
	release begin 1200	release end 2400	release begin 1500	beginning 0800	beginning 0800	beginning 0800	
Sept. 27	55	75	45	449	100	308	704
28	55	74	45	450	101	153	704
29	55	74	45	448	99	152	704
30	55	74	40	0	0	0	698
Oct. 1	39	60	29	0	0	0	692
2	39	54	29	0	0	0	687
3	39	52	29	0	0	0	681

Pepacton Reservoir (P):	Available storage Oct. 4, 2010 (0800) Spillway crest elevation 1,280.00 ft.	108.024 billion gals. 77.1 % (elev. 1,261.36 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Oct. 4, 2010 (0800) Spillway crest elevation 1,150.00 ft.	54.112 billion gals. 56.5 % (elev. 1,119.35 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Oct. 4, 2010 (0800) Spillway crest elevation 1,440.00 ft.	28.241 billion gals. 80.8 % (elev. 1,425.62 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Oct. 4, 2010 (0800) Combined capacity at spillway level.	190.377 billion gals. 70.3 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Oct. 3, 2010 (2400) Spillway crest elevation 1,190.00 ft.	23.212 billion gals. 65.5 % (elev. 1,183.4 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 N.Y.C. Reservoirs				Power releases		Computed uncon- trolled ²	Total Discharge	IERQ Releases For Trenton ³		Precipitation (inches)	
	Directed release ¹	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			Daily	Cumul.	Daily	Cumul.
	Sept. 27	1,201	85	1,244	70	0	0	491	1,890	200	6,150	.03
28	757	85	800	70	156	0	759	1,870	177	6,327	.58	1.51
29	0	85	116	70	114	0	1,195	1,580	0	6,327	.55	2.06
30	0	85	114	70	0	0	1,181	1,450	0	6,327	.34	2.40
Oct. 1	0	85	114	70	780	n.d.	n.d.	48,600	0	6,327	5.39	5.39
2	0	85	114	62	0	n.d.	n.d.	46,700	0	6,327	.13	5.52
3	0	85	93	45	415	n.d.	n.d.	19,000	0	6,327	0	5.52

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

NOTE: n.d. means data are currently unavailable.

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

3. DRBC-requested releases from the Interim Excess Release Quantity (IERQ) for flow augmentation of Delaware River at Trenton, N.J.

Diversions by New Jersey through the Delaware and Raritan Canal September 27 - October 3, 2010, averaged 76.1 mgd. The average diversion for the 30-day period ending October 3, 2010 was 77.8 mgd and the maximum daily diversion was 87 mgd on September 23, 2010.

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

Summary river data for October 4 - 10, 2010 (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 June 1, 2010 to date
	release begin 1200	release end 2400	release begin 1500	beginning 0800	beginning 0800	beginning 0800	
Oct. 4	39	51	29	0	0	0	676
5	39	52	29	440	0	0	674
6	39	72	29	673	0	0	674
7	39	84	29	674	0	0	674
8	39	85	29	496	0	0	673
9	39	85	29	499	0	0	671
10	39	86	29	500	0	0	670

Pepacton Reservoir (P):	Available storage Oct. 11, 2010 (0800) Spillway crest elevation 1,280.00 ft.	110.647 billion gals. 78.9 % (elev. 1,262.98 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Oct. 11, 2010 (0800) Spillway crest elevation 1,150.00 ft.	63.358 billion gals. 66.2 % (elev. 1,126.87 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Oct. 11, 2010 (0800) Spillway crest elevation 1,440.00 ft.	29.356 billion gals. 84.0 % (elev. 1,428.14 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Oct. 11, 2010 (0800) Combined capacity at spillway level.	203.361 billion gals. 75.1 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Oct. 10, 2010 (2400) Spillway crest elevation 1,190.00 ft.	22.124 billion gals. 62.4 % (elev. 1,182.8 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 N.Y.C. Reservoirs				Power releases		Computed uncon- trolled ²	Total Discharge	IERQ Releases For Trenton ³		Precipitation (inches)	
	Directed release ¹	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			Daily	Cumul.	Daily	Cumul.
	Oct. 4	0	60	84	45	1,171	851	10,689	12,900	0	6,327	.08
5	0	60	80	45	1,268	851	10,796	13,100	0	6,327	.81	6.41
6	0	60	79	45	1,345	851	14,620	17,000	0	6,327	.20	6.61
7	0	60	80	45	1,311	532	10,872	12,900	0	6,327	.06	6.67
8	0	60	111	45	1,264	319	8,141	9,940	0	6,327	0	6.67
9	0	60	130	45	1,281	230	6,334	8,080	0	6,327	0	6.67
10	0	60	131	45	1,277	160	5,107	6,780	0	6,327	0	6.67

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

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

3. DRBC-requested releases from the Interim Excess Release Quantity (IERQ) for flow augmentation of Delaware River at Trenton, N.J.

Diversions by New Jersey through the Delaware and Raritan Canal October 4 - 10, 2010, averaged 80.4 mgd. The average diversion for the 30-day period ending October 10, 2010 was 79.2 mgd and the maximum daily diversion was 87 mgd on September 23, 2010.

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Summary river data for October 11 - 17, 2010 (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 June 1, 2010 to date
	release begin 1200	release end 2400	release begin 1500	beginning 0800	beginning 0800	beginning 0800	
Oct. 11	39	85	29	499	0	0	669
12	41	85	32	500	0	0	668
13	55	96	39	454	0	0	666
14	55	103	39	450	0	0	664
15	55	103	39	450	155	244	666
16	55	102	39	451	201	300	668
17	55	104	39	451	201	298	670

Pepacton Reservoir (P):	Available storage Oct. 18, 2010 (0800) Spillway crest elevation 1,280.00 ft.	112.021 billion gals. 79.9 % (elev. 1,263.82 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Oct. 18, 2010 (0800) Spillway crest elevation 1,150.00 ft.	67.901 billion gals. 70.9 % (elev. 1,130.42 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Oct. 18, 2010 (0800) Spillway crest elevation 1,440.00 ft.	29.329 billion gals. 83.9 % (elev. 1,428.08 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Oct. 18, 2010 (0800) Combined capacity at spillway level.	209.251 billion gals. 77.3 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Oct. 17, 2010 (2400) Spillway crest elevation 1,190.00 ft.	18.546 billion gals. 52.3 % (elev. 1,180.8 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 N.Y.C. Reservoirs				Power releases		Computed uncon- trolled ²	Total Discharge	IERQ Releases For Trenton ³		Precipitation (inches)	
	Directed release ¹	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			Daily	Cumul.	Daily	Cumul.
	Oct. 11	0	60	131	45	1,224	301	4,369	6,130	0	6,327	0
12	0	60	133	45	1,106	319	4,157	5,820	0	6,327	.43	7.10
13	0	60	131	45	1,274	372	4,338	6,220	0	6,327	0	7.10
14	0	60	131	50	1,290	426	3,583	5,540	0	6,327	0	7.10
15	0	63	149	60	1,293	426	3,709	5,700	0	6,327	.47	7.57
16	0	85	159	60	1,295	n.a.	n.a.	6,300	0	6,327	.38	7.95
17	0	85	159	60	1,279	n.a.	n.a.	7,940	0	6,327	0	7.95

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

NOTE: n.a. means data are currently unavailable.

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

3. DRBC-requested releases from the Interim Excess Release Quantity (IERQ) for flow augmentation of Delaware River at Trenton, N.J.

Diversions by New Jersey through the Delaware and Raritan Canal October 11 - 17, 2010, averaged 80.7 mgd. The average diversion for the 30-day period ending October 17, 2010 was 79.9 mgd and the maximum daily diversion was 87 mgd on September 23, 2010.

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Summary river data for October 18 - 24, 2010 (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 June 1, 2010 to date
	release begin 1200	release end 2400	release begin 1500	beginning 0800	beginning 0800	beginning 0800	
Oct. 18	55	103	39	358	289	210	671
19	55	104	39	350	300	204	672
20	55	105	39	477	300	450	676
21	55	104	39	500	301	501	681
22	55	103	39	500	301	503	685
23	55	103	39	500	301	505	689
24	55	103	39	498	301	504	694

Pepacton Reservoir (P):	Available storage Oct. 25, 2010 (0800) Spillway crest elevation 1,280.00 ft.	112.431 billion gals. 80.2 % (elev. 1,264.07 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Oct. 25, 2010 (0800) Spillway crest elevation 1,150.00 ft.	69.596 billion gals. 72.7 % (elev. 1,131.70 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Oct. 25, 2010 (0800) Spillway crest elevation 1,440.00 ft.	27.052 billion gals. 77.4 % (elev. 1,422.87 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Oct. 25, 2010 (0800) Combined capacity at spillway level.	209.079 billion gals. 77.2 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Oct. 24, 2010 (2400) Spillway crest elevation 1,190.00 ft.	19.794 billion gals. 55.8 % (elev. 1,181.5 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 N.Y.C. Reservoirs				Power releases		Computed uncon- trolled ²	Total Discharge	IERQ Releases For Trenton ³		Precipitation (inches)	
	Directed release ¹	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			Daily	Cumul.	Daily	Cumul.
Oct. 18	0	85	158	60	858	124	4,965	6,250	0	6,327	0	7.95
19	0	85	161	60	0	213	4,331	4,850	0	6,327	0	7.95
20	0	85	159	60	0	213	3,793	4,310	0	6,327	0	7.95
21	0	85	161	60	0	106	3,408	3,820	0	6,327	0	7.95
22	0	85	162	60	0	89	3,124	3,520	0	6,327	.05	8.00
23	0	85	161	60	0	106	2,828	3,240	0	6,327	.02	8.02
24	0	85	159	60	0	0	2,656	2,960	0	6,327	.01	8.03

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

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

3. DRBC-requested releases from the Interim Excess Release Quantity (IERQ) for flow augmentation of Delaware River at Trenton, N.J.

Diversions by New Jersey through the Delaware and Raritan Canal October 18 - 24, 2010, averaged 91.0 mgd. The average diversion for the 30-day period ending October 24, 2010 was 81.8 mgd and the maximum daily diversion was 94 mgd on October 23, 2010.

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Summary river data for October 25 - 31, 2010 (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 June 1, 2010 to date
	release begin 1200	release end 2400	release begin 1500	beginning 0800	beginning 0800	beginning 0800	
Oct. 25	55	102	39	5	11	0	689
26	55	102	39	0	0	0	684
27	55	102	39	5	0	0	680
28	55	102	39	307	204	149	680
29	55	103	39	450	299	378	683
30	55	105	39	450	299	408	686
31	55	104	39	450	299	414	689

Pepacton Reservoir (P):	Available storage Nov. 1, 2010 (0800) Spillway crest elevation 1,280.00 ft.	114.346 billion gals. 81.6 % (elev. 1,265.23 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Nov. 1, 2010 (0800) Spillway crest elevation 1,150.00 ft.	72.987 billion gals. 76.3 % (elev. 1,134.26 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Nov. 1, 2010 (0800) Spillway crest elevation 1,440.00 ft.	27.056 billion gals. 77.4 % (elev. 1,422.88 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Nov. 1, 2010 (0800) Combined capacity at spillway level.	214.389 billion gals. 79.2 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Oct. 31, 2010 (2400) Spillway crest elevation 1,190.00 ft.	21.048 billion gals. 59.4 % (elev. 1,182.2 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 N.Y.C. Reservoirs				Power releases		Computed uncon- trolled ²	Total Discharge	IERQ Releases For Trenton ³		Precipitation (inches)	
	Directed release ¹	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			Daily	Cumul.	Daily	Cumul.
	Oct. 25	0	85	159	60	0	89	2,507	2,900	0	6,327	0
26	0	85	159	60	0	0	2,496	2,800	0	6,327	.18	8.20
27	0	85	158	60	0	0	3,067	3,370	0	6,327	.81	9.01
28	0	85	158	60	0	n.a.	n.a.	5,760	0	6,327	.04	9.05
29	0	85	158	60	0	n.a.	n.a.	5,040	0	6,327	.02	9.07
30	0	85	158	60	0	n.a.	n.a.	4,190	0	6,327	0	9.07
31	0	85	159	60	0	n.a.	n.a.	3,810	0	6,327	0	9.07

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

NOTE: n.a. means data are currently unavailable.

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

3. DRBC-requested releases from the Interim Excess Release Quantity (IERQ) for flow augmentation of Delaware River at Trenton, N.J.

Diversions by New Jersey through the Delaware and Raritan Canal October 25 - 31, 2010, averaged 91.4 mgd. The average diversion for the 30-day period ending October 31, 2010 was 85.0 mgd and the maximum daily diversion was 94 mg on October 23, 2010.