

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA.

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

Summary river data for May 30 - June 5, 2011 (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 or June 1, 2011 to date
	release begin 1200	spill begin 0800	release end 2400	spill begin 0800	release begin 1500	beginning 0800	beginning 0800	beginning 0800	
May 30	84	214	165	629	65	448	0	194	625
31	86	133	165	534	71	448	2	202	626
June 1	98	33	300	398	91	448	18	198	664
2	98	3	387	270	91	449	2	204	660
3	97	0	387	141	86	449	277	0	682
4	91	0	346	39	71	449	298	0	698
5	102	0	323	2	71	449	298	0	708

Pepacton Reservoir (P):	Available storage June 6, 2011 (0800) Spillway crest elevation 1,280.00 ft.	139.418 billion gals. 99.4 % (elev. 1,279.58 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage June 6, 2011 (0800) Spillway crest elevation 1,150.00 ft.	95.508 billion gals. 99.8 % (elev. 1,149.87 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage June 6, 2011 (0800) Spillway crest elevation 1,440.00 ft.	34.582 billion gals. 99.0 % (elev. 1,439.27 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage June 6, 2011 (0800) Combined capacity at spillway level.	269.508 billion gals. 99.5 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage June 5, 2011 (2400) Spillway crest elevation 1,190.00 ft.	29.257 billion gals. 82.5 % (elev. 1,186.7 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 <sup>2</sup>	Total Discharge	IERQ Releases For Trenton <sup>3</sup>		Precipitation (inches)	
	Directed release <sup>1</sup>	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			Daily	Cumul.	Daily	Cumul.
	May 30	0	130	255	101	0	337	6,857	7,680	0	6,327	.74
31	0	130	255	101	774	266	10,274	11,800	0	6,327	0	5.79
June 1	0	130	255	101	1,718	355	7,741	10,300			0	0
2	0	130	255	110	1,194	355	5,906	7,950			.02	.02
3	0	133	464	141	398	248	4,966	6,350			0	.02
4	0	152	599	141	261	0	3,927	5,080			0	.02
5	0	152	599	133	0	87	3,299	4,270			0	.02

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

2. Includes conservation release of 100 cfs from Rio Reservoir and spills from Pepacton and Cannonsville Reservoirs.

3. DRBC-requested releases from the Interim Excess Release Quantity (IERQ) for flow augmentation of Delaware River at Trenton, N.J. Expired on May 31, 2011.

Diversion by New Jersey through the Delaware and Raritan Canal May 30 - June 5, 2011, averaged 93.4 mgd. The average diversion for the 30-day period ending June 5, 2011 was 92.5 and the maximum daily diversion was 102 mg on May 25, 2011.

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Summary river data for June 6 - 12, 2011 (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, 2011 to date
	release begin 1200	release end 2400	release begin 1500	beginning 0800	beginning 0800	beginning 0800	
June 6	90	321	71	449	298	0	714
7	91	321	71	450	299	0	719
8	90	319	71	449	299	0	723
9	90	320	71	450	299	0	726
10	90	323	71	450	299	0	728
11	90	322	71	451	299	166	745
12	90	323	71	451	299	194	762

Pepacton Reservoir (P):	Available storage June 13, 2011 (0800) Spillway crest elevation 1,280.00 ft.	137.583 billion gals. 98.1 % (elev. 1,278.58 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage June 13, 2011 (0800) Spillway crest elevation 1,150.00 ft.	93.227 billion gals. 97.4 % (elev. 1,148.37 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage June 13, 2011 (0800) Spillway crest elevation 1,440.00 ft.	34.730 billion gals. 99.4 % (elev. 1,439.57 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage June 13, 2011 (0800) Combined capacity at spillway level.	265.540 billion gals. 98.0 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage June 12, 2011 (2400) Spillway crest elevation 1,190.00 ft.	28.886 billion gals. 81.5 % (elev. 1,186.5 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 <sup>2</sup>	Total Discharge	Precipitation (inches)	
	Directed release <sup>1</sup>	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			Daily	Cumul.
	June 6	0	150	535	110	0	0	3,055	3,850	0
7	0	141	500	110	426	0	2,803	3,980	0	.02
8	0	142	497	110	470	160	2,601	3,980	0	.02
9	0	139	497	110	491	284	2,319	3,840	.01	.03
10	0	141	493	110	389	124	2,273	3,530	.34	.37
11	0	139	495	110	314	0	2,432	3,490	..09	.46
12	0	139	500	110	55	71	3,155	4,030	.89	1.35

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 Delaware and Raritan Canal June 6 - 12, 2011, averaged 98.1 mgd. The average diversion for the 30-day period ending June 12, 2011 was 94.1 and the maximum daily diversion was 103 mg on June 10, 2011.

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Summary river data for June 13 - 19, 2011 (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, 2011 to date
	release begin 1200	release end 2400	release begin 1500	beginning 0800	beginning 0800	beginning 0800	
June 13	91	323	71	312	9	199	743
14	91	322	71	300	0	200	726
15	91	322	71	300	257	197	728
16	91	321	71	301	301	0	720
17	91	321	71	302	216	0	708
18	91	320	71	302	204	0	697
19	91	322	71	302	204	0	687

Pepacton Reservoir (P):	Available storage June 20, 2011 (0800) Spillway crest elevation 1,280.00 ft.	136.745 billion gals. 97.5 % (elev. 1,278.12 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage June 20, 2011 (0800) Spillway crest elevation 1,150.00 ft.	91.538 billion gals. 95.6 % (elev. 1,147.26 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage June 20, 2011 (0800) Spillway crest elevation 1,440.00 ft.	34.379 billion gals. 98.4 % (elev. 1,438.86 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage June 20, 2011 (0800) Combined capacity at spillway level.	262.662 billion gals. 97.0 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage June 19, 2011 (2400) Spillway crest elevation 1,190.00 ft.	29.257 billion gals. 82.5 % (elev. 1,186.7 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 <sup>2</sup>	Total Discharge	Precipitation (inches)	
	Directed release <sup>1</sup>	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			Daily	Cumul.
	June 13	0	139	498	110	0	0	5,233	5,980	.14
14	0	139	500	110	236	0	4,055	5,040	.01	1.50
15	0	139	500	110	251	0	3,720	4,720	.46	1.96
16	0	141	498	110	391	53	3,337	4,530	.07	2.03
17	0	141	498	110	270	160	3,291	4,470	.45	2.48
18	0	141	497	110	105	53	3,814	4,720	.18	2.66
19	0	141	497	110	0	0	3,572	4,320	0	2.66

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 Delaware and Raritan Canal June 13 - 19, 2011, averaged 96.3 mgd. The average diversion for the 30-day period ending June 19, 2011 was 95.7 and the maximum daily diversion was 103 mg on June 10, 2011.

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Summary river data for June 20 - 26, 2011 (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		Average June 1, 2011 to date	
	release begin 1200	release end 2400	release begin 1500	spill begin 0800	beginning 0800	beginning 0800		beginning 0800
June 20	91	323	71	0	302	281	0	682
21	91	323	71	0	302	300	0	678
22	91	322	71	0	302	300	0	674
23	91	321	71	0	90	13	381	666
24	91	323	113	216	0	0	400	655
25	91	322	123	580	0	0	14	629
26	91	322	123	323	0	0	256	615

Pepacton Reservoir (P):	Available storage June 27, 2011 (0800) Spillway crest elevation 1,280.00 ft.	137.292 billion gals. 97.9 % (elev. 1,278.42 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage June 27, 2011 (0800) Spillway crest elevation 1,150.00 ft.	90.594 billion gals. 94.7 % (elev. 1,146.64 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage June 27, 2011 (0800) Spillway crest elevation 1,440.00 ft.	35.016 billion gals. 100.2 % (elev. 1,440.15 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage June 27, 2011 (0800) Combined capacity at spillway level.	262.902 billion gals. 97.1 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage June 26, 2011 (2400) Spillway crest elevation 1,190.00 ft.	29.071 billion gals. 82.0 % (elev. 1,186.6 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 <sup>2</sup>	Total Discharge	Precipitation (inches)	
	Directed release <sup>1</sup>	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			Daily	Cumul.
	June 20	0	141	495	110	14	0	2,920	3,680	0
21	0	141	498	110	569	0	2,362	3,680	0	2.66
22	0	141	500	110	470	195	2,854	4,270	.30	2.96
23	0	141	500	110	389	390	12,270	13,800	1.21	4.17
24	0	141	498	110	1,468	851	22,832	25,900	1.18	5.35
25	0	141	497	110	1,663	851	24,038	27,300	.28	5.63
26	0	141	500	175	1,663	851	15,070	18,400	.04	5.67

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

2. Includes conservation release of 100 cfs from Rio Reservoir and spill from Neversink Reservoir.

Diversions by New Jersey through the Delaware and Raritan Canal June 20 - 26, 2011, averaged 85.1 mgd. The average diversion for the 30-day period ending June 26, 2011 was 93.4 and the maximum daily diversion was 103 mg on June 10, 2011.