

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA.

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

Summary river data for April 30 - May 6, 2012 (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	
Apr. 30	39	56	29	0	300	398	567
May 1	49	84	36	0	300	398	568
2	49	99	36	0	300	299	568
3	48	98	36	0	300	294	568
4	48	97	36	0	301	35	567
5	49	97	36	0	301	0	566
6	48	97	36	0	301	0	566

Pepacton Reservoir (P):	Available storage May 7, 2012 (0800) Spillway crest elevation 1,280.00 ft.	130.032 billion gals. 92.8 % (elev. 1,274.38 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage May 7, 2012 (0800) Spillway crest elevation 1,150.00 ft.	89.347 billion gals. 93.4 % (elev. 1,145.82 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage May 7, 2012 (0800) Spillway crest elevation 1,440.00 ft.	30.753 billion gals. 88.0 % (elev. 1,431.22 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage May 7, 2012 (0800) Combined capacity at spillway level.	250.132 billion gals. 92.4 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage May 6, 2012 (2400) Spillway crest elevation 1,190.00 ft.	28.143 billion gals. 79.4 % (elev. 1,186.1 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	Precipitation	
	Directed release ¹	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			(inches)	
							Daily	Cumul.		
Apr. 30	0	70	87	40	0	106	3,467	3,770	0	2.59
May 1	0	54	85	40	0	177	3,104	3,460	.16	.16
2	0	57	87	45	0	0	3,311	3,500	.10	.26
3	0	60	130	56	0	89	3,605	3,940	.41	.67
4	0	76	153	56	0	160	4,525	4,970	.39	1.06
5	0	76	152	56	0	89	6,947	7,320	0	1.06
6	0	74	150	56	0	0	5,510	5,790	0	1.06

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 D&R Canal April 30 - May 6, 2012, averaged 80.4 mgd. The average diversion for the 30-day period ending May 6, 2012 was 76.8 mgd and the maximum diversion during the period was 86 mgd on May 6, 2012.

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Summary river data for May 7 - 13, 2012 (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	
May 7	48	97	36	0	301	0	565
8	48	97	36	0	298	0	564
9	49	96	36	0	51	0	562
10	49	97	36	0	211	0	561
11	49	97	36	0	399	0	561
12	49	97	36	0	482	0	561
13	49	97	36	0	482	0	561

Pepacton Reservoir (P):	Available storage May 14, 2012 (0800) Spillway crest elevation 1,280.00 ft.	133.168 billion gals. 95.0 % (elev. 1,276.14 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage May 14, 2012 (0800) Spillway crest elevation 1,150.00 ft.	90.959 billion gals. 95.0 % (elev. 1,146.88 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage May 14, 2012 (0800) Spillway crest elevation 1,440.00 ft.	32.491 billion gals. 93.0 % (elev. 1,434.94 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage May 14, 2012 (0800) Combined capacity at spillway level.	256.618 billion gals. 94.7 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage May 13, 2012 (2400) Spillway crest elevation 1,190.00 ft.	28.700 billion gals. 81.0 % (elev. 1,186.4 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	Precipitation (inches)	
	Directed release ¹	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			Daily	Cumul.
	May 7	0	74	150	56	0	0	4,600	4,880	0
8	0	76	150	56	0	71	4,217	4,570	.09	1.15
9	0	74	150	56	0	266	10,254	10,800	1.03	2.18
10	0	74	150	56	610	603	10,807	12,300	.05	2.23
11	0	74	149	56	659	638	7,944	9,520	0	2.23
12	0	76	150	56	406	301	5,921	6,910	0	2.23
13	0	76	150	56	0	142	5,086	5,510	0	2.23

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

2. Includes conservation release of 100 cfs from Rio Reservoir.

Diversion by New Jersey through the D&R Canal May 7 - 13, 2012, averaged 97.1 mgd. The average diversion for the 30-day period ending May 13, 2012 was 80.9 mgd and the maximum diversion during the period was 103 mgd on May 8, 9, 2012.

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Summary river data for May 14 - 20, 2012 (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	spill begin 0800	release end 2400	spill begin 0800	release begin 1500	beginning 0800	beginning 0800	beginning 0800	
May 14	49	0	97	0	36	0	482	0	560
15	34	0	97	0	36	0	0	0	559
16	60	0	129	0	55	0	0	159	558
17	64	0	257	0	58	0	0	465	557
18	65	0	259	2	58	255	10	401	558
19	65	14	261	105	58	495	0	304	558
20	67	17	261	144	58	497	0	304	559

Pepacton Reservoir (P):	Available storage May 21, 2012 (0800) Spillway crest elevation 1,280.00 ft.	140.264 billion gals. 100.1 % (elev. 1,280.04 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage May 21, 2012 (0800) Spillway crest elevation 1,150.00 ft.	96.559 billion gals. 100.9 % (elev. 1,150.53 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage May 21, 2012 (0800) Spillway crest elevation 1,440.00 ft.	34.379 billion gals. 98.6 % (elev. 1,438.86 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage May 21, 2012 (0800) Combined capacity at spillway level.	271.202 billion gals. 100.1 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage May 20, 2012 (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 ²	Total Discharge	Precipitation (inches)	
	Directed release ¹	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			Daily	Cumul.
	May 14	0	76	150	56	18	195	4,655	5,150	.15
15	0	76	150	56	678	372	8,528	9,860	.87	3.25
16	0	76	150	56	1,344	355	35,619	37,600	1.02	4.27
17	0	76	150	56	1,647	621	17,750	20,300	.01	4.28
18	0	53	200	85	1,664	621	10,977	13,600	0	4.28
19	0	93	398	90	630	443	7,406	9,060	0	4.28
20	0	99	401	90	0	337	6,153	7,080	0	4.28

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

2. Includes conservation release of 100 cfs from Rio Reservoir.

Diversion by New Jersey through the D&R Canal May 14 - 20, 2012, averaged 96.6 mgd. The average diversion for the 30-day period ending May 20, 2012 was 84.8 mgd and the maximum diversion during the period was 103 mgd on May 8, 9, 2012.

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Summary river data for May 21 - 27, 2012 (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	spill begin 0800	release end 2400	spill begin 0800	release begin 1500	spill begin 0800	beginning 0800	beginning 0800	beginning 0800		
May 21	81	95	261	161	58	0	1	376	158	559	
22	81	309	261	105	58	0	0	315	278	559	
23	81	335	259	96	58	17	0	99	34	558	
24	82	314	259	99	60	152	0	219	172	557	
25	109	234	308	44	70	154	250	300	61	558	
26	160	78	340	4	77	188	350	300	0	558	
27	148	11	340	0	78	170	350	300	0	558	

Pepacton Reservoir (P):	Available storage May 28, 2012 (0800) Spillway crest elevation 1,280.00 ft.	140.116 billion gals. 99.9 % (elev. 1,279.96 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage May 28, 2012 (0800) Spillway crest elevation 1,150.00 ft.	95.204 billion gals. 99.5 % (elev. 1,149.67 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage May 28, 2012 (0800) Spillway crest elevation 1,440.00 ft.	35.080 billion gals. 100.4 % (elev. 1,440.28 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage May 28, 2012 (0800) Combined capacity at spillway level.	270.400 billion gals. 99.8 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage May 27, 2012 (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 ²	Total Discharge	Precipitation (inches)	
	Directed release ¹	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			Daily	Cumul.
	May 21	0	101	404	90	63	355	5,497	6,510	0
22	0	101	404	90	680	284	5,061	6,620	.50	4.78
23	0	104	404	90	499	284	5,169	6,550	.07	4.85
24	0	125	404	90	370	266	5,735	6,990	.04	4.89
25	0	125	401	90	474	319	5,071	6,480	.07	4.96
26	0	125	401	93	189	408	4,724	5,940	0	4.96
27	0	127	476	108	0	266	4,183	5,160	0	4.96

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 D&R Canal May 21 - 27, 2012 are currently unavailable.