

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA.  
**Web address: <http://water.usgs.gov/orh/nrwww/public/odrm>**  
 Summary river data for May 7 - 13, 2001 (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, 2000 to date
	release begin 1200	release end 2400	spill begin 0800	release begin 1500	beginning 0800	beginning 0800	beginning 0800	
May 7	45	0	77	34	447	0	71	611
8	45	0	76	34	448	0	179	611
9	45	0	80	34	447	0	186	611
10	45	13	73	33	449	236	216	612
11	45	94	15	34	450	299	218	613
12	45	30	0	34	449	299	77	613
13	45	84	0	34	447	299	70	614

Pepacton Reservoir (P):	Available storage May 14, 2001 (0800) Spillway crest elevation 1,280.00 ft.	134.805 billion gals. 96.2 % (elev. 1,277.05 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage May 14, 2001 (0800) Spillway crest elevation 1,150.00 ft.	95.234 billion gals. 99.5 % (elev. 1,149.69 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage May 14, 2001 (0800) Spillway crest elevation 1,440.00 ft.	33.485 billion gals. 95.8 % (elev. 1,437.02 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage May 14, 2001 (0800) Combined capacity at spillway level	263.524 billion gals. 97.3 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage May 13, 2001 (2400) Spillway crest elevation 1,190.00 ft.	26.680 billion gals. 75.3 % (elev. 1,185.3 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	
	Directed release <sup>1</sup>	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			(inches)	
							Daily	Cumul.		
May 7	0	70	14	51	0	199	1,956	2,290	0	0
8	0	70	0	53	0	277	1,900	2,300	0	0
9	0	70	0	53	0	262	1,855	2,240	0	0
10	0	70	0	53	0	174	1,763	2,060	0	0
11	0	70	0	53	0	0	1,787	1,910	0	0
12	0	70	20	51	0	103	1,676	1,920	0	0
13	264	70	145	53	0	96	1,476	1,840	.01	.01

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 Cannonsville Reservoir.

Diversions by New Jersey through the D & R Canal May 7 - 13, 2001, averaged 84.4 mgd. The average diversion for the 30-day period ending May 13, 2001, was 80.9 mgd and the maximum diversion during the period was 85 mg on May 1, 7, 9, 10, 13, 2001.

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Summary river data for May 14 - 20, 2001 (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, 2000 to date
	release begin 1200	release end 2400	release begin 1500	beginning 0800	beginning 0800	beginning 0800	
May 14	45	130	34	498	299	199	615
15	45	239	34	500	299	231	616
16	45	244	34	500	299	221	617
17	45	329	34	500	300	243	618
18	45	388	34	500	299	141	619
19	45	392	34	500	300	221	620
20	45	416	34	500	299	126	621

Pepacton Reservoir (P):	Available storage May 21, 2001 (0800) Spillway crest elevation 1,280.00 ft.	131.719 billion gals. 94.0 % (elev. 1,275.33 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage May 21, 2001 (0800) Spillway crest elevation 1,150.00 ft.	91.675 billion gals. 95.8 % (elev. 1,147.35 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage May 21, 2001 (0800) Spillway crest elevation 1,440.00 ft.	32.274 billion gals. 92.4 % (elev. 1,434.48 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage May 21, 2001 (0800) Combined capacity at spillway level	255.668 billion gals. 94.4 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage May 20, 2001 (2400) Spillway crest elevation 1,190.00 ft.	27.045 billion gals. 76.3 % (elev. 1,185.5 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	
	Directed release <sup>1</sup>	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			(inches)	
							Daily	Cumul.		
May 14	0	70	46	53	0	14	1,497	1,680	0	.01
15	250	70	130	53	0	32	1,235	1,520	0	.01
16	324	70	201	53	0	0	1,176	1,500	0	.01
17	490	70	370	53	0	0	1,137	1,630	0	.01
18	495	70	377	53	0	0	1,210	1,710	.04	.05
19	631	70	509	53	0	0	1,238	1,870	.02	.07
20	721	70	600	53	0	0	1,217	1,940	0	.07

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 14 - 20, 2001, averaged 87.0 mgd. The average diversion for the 30-day period ending May 20, 2001, was 82.8 mgd and the maximum diversion during the period was 91 mg on May 19, 2001.

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Summary river data for May 21 - 27, 2001 (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, 2000 to date
	release begin 1200	release end 2400	release begin 1500	beginning 0800	beginning 0800	beginning 0800	
May 21	45	92	34	492	299	116	622
22	45	29	33	498	299	242	623
23	45	30	34	496	298	226	624
24	45	30	34	461	212	226	625
25	45	30	34	448	200	239	626
26	45	29	34	388	200	0	626
27	45	29	34	380	84	0	625

Pepacton Reservoir (P):	Available storage May 28, 2001 (0800) Spillway crest elevation 1,280.00 ft.	129.571 billion gals. 92.4 % (elev. 1,274.12 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage May 28, 2001 (0800) Spillway crest elevation 1,150.00 ft.	91.553 billion gals. 95.7 % (elev. 1,147.27 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage May 28, 2001 (0800) Spillway crest elevation 1,440.00 ft.	32.037 billion gals. 91.7 % (elev. 1,433.98 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage May 28, 2001 (0800) Combined capacity at spillway level	253.161 billion gals. 93.5 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage May 27, 2001 (2400) Spillway crest elevation 1,190.00 ft.	28.328 billion gals. 79.9 % (elev. 1,186.2 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 <sup>2</sup>	Total Discharge	Precipitation	
	Directed release <sup>1</sup>	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			(inches)	
							Daily	Cumul.		
May 21	729	70	606	53	0	0	1,161	1,890	.01	.08
22	766	70	644	53	0	0	1,323	2,090	.29	.37
23	264	70	142	53	0	0	2,335	2,600	1.08	1.45
24	0	70	45	51	0	0	2,924	3,090	.33	1.78
25	0	70	46	53	0	0	2,711	2,880	.04	1.82
26	0	70	46	53	0	67	2,354	2,590	.01	1.83
27	0	70	46	53	0	0	3,291	3,460	.87	2.70

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, 2001, averaged 88.3 mgd. The average diversion for the 30-day period ending May 27, 2001, was 84.9 mgd and the maximum diversion during the period was 91 mg on May 19 & 21, 2001.

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Summary river data for May 28 to June 3, 2001 (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			Average June 1 to date
	Pepacton	Cannonsville	Neversink	Pepacton	Cannonsville	Neversink	
	release begin 1200	release end 2400	release begin 1500	beginning 0800	beginning 0800	beginning 0800	
May 28	45	29	34	382	109	0	625
29	45	57	34	385	202	0	625
30	45	104	34	391	78	0	624
31	48	103	34	391	0	0	624
June 1	61	104	34	392	0	0	392
2	61	105	34	0	289	0	341
3	61	104	34	17	299	0	332

Pepacton Reservoir (P):	Available storage June 4, 2001 (0800) Spillway crest elevation 1,280.00 ft.	129.060 billion gals. 92.1 % (elev. 1,273.83 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage June 4, 2001 (0800) Spillway crest elevation 1,150.00 ft.	92.207 billion gals. 96.3 % (elev. 1,147.70 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage June 4, 2001 (0800) Spillway crest elevation 1,440.00 ft.	33.101 billion gals. 94.7 % (elev. 1,436.22 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage June 4, 2001 (0800) Combined capacity at spillway level	254.368 billion gals. 93.9 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage June 3, 2001 (2400) Spillway crest elevation 1,190.00 ft.	29.814 billion gals. 84.1 % (elev. 1,187.0 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	
	Directed release <sup>1</sup>	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			(inches)	
									Daily	Cumul.
May 28	0	70	45	53	0	0	4,562	4,730	.34	3.04
29	0	70	45	53	0	0	4,712	4,880	.02	3.06
30	0	70	45	53	0	0	3,832	4,000	.02	3.08
31	0	70	88	53	0	0	3,049	3,260	.01	3.09
June 1	0	70	161	53	0	67	2,589	2,940	0	0
2	0	70	159	53	0	103	3,345	3,730	1.06	1.06
3	0	74	161	53	0	0	6,512	6,800	.41	1.47

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 28 to June 3, 2001, averaged 84.0 mgd. The average diversion for the 30-day period ending June 3, 2001, was 85.7 mgd and the maximum diversion during the period was 92 mgd on June 1, 2001.