

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA.

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

Summary river data for May 5 - 11, 2003 (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, 2002 to date
	release begin 1200	spill begin 0800	release end 2400	spill begin 0800	release begin 1500	beginning 0800	beginning 0800	beginning 0800	
May 5	45	1,293	29	669	34	13	296	191	492
6	45	1,019	29	590	34	344	296	5	492
7	45	498	29	518	34	438	296	0	493
8	45	325	29	443	34	501	295	0	494
9	45	252	29	374	34	501	295	0	495
10	45	147	29	316	34	501	295	0	495
11	45	145	29	280	34	501	295	0	496

Pepacton Reservoir (P):	Available storage May 12, 2003 (0800)	140.783 billion gals. 100.4 % (elev. 1,280.32 ft.)
	Spillway crest elevation 1,280.00 ft.	140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage May 12, 2003 (0800)	96.880 billion gals. 101.2 % (elev. 1,150.73 ft.)
	Spillway crest elevation 1,150.00 ft.	95.706 billion gallons.
Neversink Reservoir (N):	Available storage May 12, 2003 (0800)	33.485 billion gals. 95.8 % (elev. 1,437.02 ft.)
	Spillway crest elevation 1,440.00 ft.	34.941 billion gallons.
Combined contents, PCN:	Available storage May 12, 2003 (0800)	271.148 billion gals. 100.1 %
	Combined capacity at spillway level.	270.837 billion gallons.
Lake Wallenpaupack:	Available storage May 11, 2003 (2400)	28.328 billion gals. 79.9 % (elev. 1,186.2 ft.)
	Spillway crest elevation 1,190.00 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 5	0	70	45	53	0	0	8,422	8,590	0	.88
6	0	70	45	53	0	0	7,382	7,550	.09	.97
7	0	70	45	53	0	0	6,622	6,790	0	.97
8	0	70	45	53	0	0	5,882	6,050	.19	1.16
9	0	70	45	53	0	0	5,562	5,730	.09	1.25
10	0	70	45	53	69	0	4,763	5,000	0	1.25
11	0	70	45	53	0	0	4,282	4,450	0	1.25

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 Pepacton and Cannonsville Reservoirs.

Diversions by New Jersey through the D & R Canal May 5 - 11, 2003, averaged 102.4 mgd. The average diversion for the 30-day period ending May 11, 2003 was 100.8 mgd and the maximum diversion during the period was 106 mgd on May 11, 2003.

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.

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Summary river data for May 12 - 18, 2003 (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, 2002 to date
	release begin 1200	spill begin 0800	release end 2400	spill begin 0800	release begin 1500	beginning 0800	beginning 0800	beginning 0800	
May 12	45	333	29	313	34	501	295	0	497
13	45	365	29	370	34	501	0	0	497
14	45	355	29	455	34	502	0	0	497
15	45	296	29	497	34	501	0	0	497
16	45	259	29	497	34	448	0	0	497
17	45	213	29	489	34	448	0	0	497
18	45	163	29	451	34	448	0	0	497

Pepacton Reservoir (P):	Available storage May 19, 2003 (0800)	140.560 billion gals. 100.3 % (elev. 1,280.20 ft.)
	Spillway crest elevation 1,280.00 ft.	140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage May 19, 2003 (0800)	97.218 billion gals. 101.6 % (elev. 1,150.94 ft.)
	Spillway crest elevation 1,150.00 ft.	95.706 billion gallons.
Neversink Reservoir (N):	Available storage May 19, 2003 (0800)	34.160 billion gals. 97.8 % (elev. 1,438.41 ft.)
	Spillway crest elevation 1,440.00 ft.	34.941 billion gallons.
Combined contents, PCN:	Available storage May 19, 2003 (0800)	271.938 billion gals. 100.4 %
	Combined capacity at spillway level.	270.837 billion gallons.
Lake Wallenpaupack:	Available storage May 18, 2003 (2400)	29.071 billion gals. 82.0 % (elev. 1,186.6 ft.)
	Spillway crest elevation 1,190.00 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 12	0	70	45	53	0	0	4,382	4,550	.42	1.67
13	0	70	45	53	0	0	5,802	5,970	.03	1.70
14	0	70	45	53	1	0	5,471	5,640	.02	1.72
15	0	70	45	53	1	0	5,231	5,400	0	1.72
16	0	70	45	53	0	0	4,872	5,040	0	1.72
17	0	70	45	53	1	85	4,496	4,750	0	1.72
18	0	70	45	53	0	0	4,122	4,290	0	1.72

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 Pepacton and Cannonsville Reservoirs.

Diversions by New Jersey through the D & R Canal May 12 - 18, 2003, averaged 99.7 mgd. The average diversion for the 30-day period ending May 18, 2003 was 101.5 mgd and the maximum diversion during the period was 106 mgd on May 11, 2003.

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.

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Summary river data for May 19 - 25, 2003 (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, 2002 to date
	release begin 1200	spill begin 0800	release end 2400	spill begin 0800	release begin 1500	beginning 0800	beginning 0800	beginning 0800	
May 19	45	107	29	405	34	448	0	0	497
20	45	55	29	373	34	449	0	0	496
21	45	40	29	367	34	448	0	0	496
22	45	12	29	269	34	448	295	0	497
23	45	0	29	195	34	448	73	0	497
24	45	0	29	219	34	448	0	0	497
25	45	0	29	240	34	448	0	0	497

Pepacton Reservoir (P):	Available storage May 26, 2003 (0800) Spillway crest elevation 1,280.00 ft.	139.748 billion gals. 99.7 % (elev. 1,279.76 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage May 26, 2003 (0800) Spillway crest elevation 1,150.00 ft.	96.784 billion gals. 101.1 % (elev. 1,150.67 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage May 26, 2003 (0800) Spillway crest elevation 1,440.00 ft.	34.635 billion gals. 99.1 % (elev. 1,439.38 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage May 26, 2003 (0800) Combined capacity at spillway level.	271.167 billion gals. 100.1 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage May 25, 2003 (2400) Spillway crest elevation 1,190.00 ft.	29.443 billion gals. 83.1 % (elev. 1,186.8 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 <sup>2</sup>	Total Discharge	Precipitation	
	Directed release <sup>1</sup>	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			(inches)	
							Daily	Cumul.		
May 19	0	70	45	53	0	14	3,758	3,940	0	1.72
20	0	70	45	53	126	18	3,468	3,780	0	1.72
21	0	70	45	53	353	0	3,199	3,720	.31	2.03
22	0	70	45	53	174	0	3,198	3,540	0	2.03
23	0	70	45	53	146	0	3,116	3,430	.02	2.05
24	0	70	45	53	204	0	2,898	3,270	.20	2.25
25	0	70	45	53	0	0	3,032	3,200	.16	2.41

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 Pepacton and Cannonsville Reservoirs.

Diversions by New Jersey through the D & R Canal May 19 - 25, 2003, averaged 95.1 mgd. The average diversion for the 30-day period ending May 25, 2003 was 100.0 mgd and the maximum diversion during the period was 106 mg on May 11, 2003.

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.

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Summary river data for May 26 - June 1, 2003 (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, 2002/2003 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 26	45	0	29	265	34	0	448	0	79	497
27	45	0	29	283	34	0	218	0	145	497
28	45	0	29	284	34	0	0	0	199	496
29	45	9	29	280	34	0	0	0	58	495
30	45	74	29	265	34	0	0	0	0	493
31	48	239	29	271	34	116	0	0	0	492
June 1	61	679	29	404	34	824	0	0	0	0

Pepacton Reservoir (P):	Available storage June 2, 2003 (0800)	141.431 billion gals. 100.9 % (elev. 1,280.67 ft.)
	Spillway crest elevation 1,280.00 ft.	140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage June 2, 2003 (0800)	97.347 billion gals. 101.7 % (elev. 1,151.02 ft.)
	Spillway crest elevation 1,150.00 ft.	95.706 billion gallons.
Neversink Reservoir (N):	Available storage June 2, 2003 (0800)	35.299 billion gals. 101.0 % (elev. 1,440.72 ft.)
	Spillway crest elevation 1,440.00 ft.	34.941 billion gallons.
Combined contents, PCN:	Available storage June 2, 2003 (0800)	274.077 billion gals. 101.2 %
	Combined capacity at spillway level.	270.837 billion gallons.
Lake Wallenpaupack:	Available storage June 1, 2003 (2400)	31.485 billion gals. 88.8 % (elev. 1,187.9 ft.)
	Spillway crest elevation 1,190.00 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 26	0	70	45	53	0	0	4,142	4,310	.54	2.95
27	0	70	45	53	0	0	5,942	6,110	.34	3.29
28	0	70	45	53	138	0	5,314	5,620	.04	3.33
29	0	70	45	53	197	28	4,867	5,260	.22	3.55
30	0	70	45	53	269	0	4,413	4,850	.01	3.56
31	0	70	45	53	260	0	3,972	4,400	.01	3.57
June 1	0	70	45	53	48	71	9,353	9,640	1.66	1.66

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 Pepacton, Cannonsville and Neversink Reservoirs.

Diversions by New Jersey through the D & R Canal May 26 - June 1, 2003, averaged 84.1 mgd. The average diversion for the 30-day period ending June 1, 2003 was 95.8 mgd and the maximum diversion during that period was 106 mg on May 11, 2003.

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.