

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA.

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

Summary river data for May 2 - 8, 2005 (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, 2004 to date
	release begin 1200	spill begin 0800	release end 2400	spill begin 0800	release end 2400	spill begin 0800	beginning 0800	beginning 0800	beginning 0800	
May 2	23	234	29	798	16	12	450	0	271	482
3	23	158	30	758	16	0	450	0	271	483
4	23	106	30	688	25	0	449	0	328	484
5	23	64	30	625	26	0	449	0	215	485
6	23	33	30	559	36	0	450	0	209	485
7	23	7	29	332	43	0	450	0	0	485
8	25	0	29	309	46	0	450	0	0	485

Pepacton Reservoir (P):	Available storage May 9, 2005 (0800) Spillway crest elevation 1,280.00 ft.	140.061 billion gals. 140.190 billion gallons.	99.9 % (elev. 1,279.93 ft.)
Cannonsville Reservoir (C):	Available storage May 9, 2005 (0800) Spillway crest elevation 1,150.00 ft.	97.251 billion gals. 95.706 billion gallons.	101.6 % (elev. 1,150.96 ft.)
Neversink Reservoir (N):	Available storage May 9, 2005 (0800) Spillway crest elevation 1,440.00 ft.	34.690 billion gals. 34.941 billion gallons.	99.3% (elev. 1,439.49 ft.)
Combined contents, PCN:	Available storage May 9, 2005 (0800) Combined capacity at spillway level.	272.002 billion gals. 270.837 billion gallons.	100.4 %
Lake Wallenpaupack:	Available storage May 8, 2005 (2400) Spillway crest elevation 1,190.00 ft.	26.132 billion gals. 35.451 billion gallons.	73.7 % (elev. 1,185.0 ft.)

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 2	0	36	46	25	4	190	7,659	7,960	0
3	0	36	45	25	246	190	6,828	7,370	.06	.24
4	0	36	45	25	250	261	6,263	6,880	0	.24
5	0	36	46	25	359	422	5,592	6,480	0	.24
6	0	36	46	39	385	1,443	4,691	6,640	0	.24
7	0	36	46	40	311	1,018	4,279	5,730	0	.24
8	0	36	46	56	0	989	4,183	5,310	0	.24

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, Cannonsville, and Neversink Reservoirs.

Diversion by New Jersey through the Delaware and Raritan Canal May 2 - 8, 2005 averaged 79.7 mgd. The average diversion for the 30-day period ending May 8, 2005 was 78.8 mgd and the maximum diversion during the period was 88 mg on April 30, 2005.

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Summary river data for May 9 - 15, 2005 (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
	release begin 1200	release end 2400	spill begin 0800	release end 2400	beginning 0800	beginning 0800	beginning 0800	June 1, 2004 to date
May 9	40	29	284	46	450	0	0	485
10	58	29	237	46	450	269	0	485
11	71	29	228	51	450	427	174	487
12	74	29	112	60	450	490	197	489
13	80	56	26	60	449	490	212	491
14	80	107	2	60	449	490	0	492
15	80	135	0	60	332	490	0	493

Pepacton Reservoir (P):	Available storage May 16, 2005 (0800) Spillway crest elevation 1,280.00 ft.	138.682 billion gals. 140.190 billion gallons.	98.9 % (elev. 1,279.18 ft.)
Cannonsville Reservoir (C):	Available storage May 16, 2005 (0800) Spillway crest elevation 1,150.00 ft.	95.311 billion gals. 95.706 billion gallons.	99.6 % (elev. 1,149.74 ft.)
Neversink Reservoir (N):	Available storage May 16, 2005 (0800) Spillway crest elevation 1,440.00 ft.	34.562 billion gals. 34.941 billion gallons.	98.9 % (elev. 1,439.23 ft.)
Combined contents, PCN:	Available storage May 16, 2005 (0800) Combined capacity at spillway level.	268.555 billion gals. 270.837 billion gallons.	99.2 %
Lake Wallenpaupack:	Available storage May 15, 2005 (2400) Spillway crest elevation 1,190.00 ft.	26.862 billion gals. 35.451 billion gallons.	75.8 % (elev. 1,185.4 ft.)

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.		
May 9	0	36	45	67	0	986	3,836	4,970	0	.24
10	0	36	45	71	0	780	3,438	4,370	0	.24
11	0	39	45	71	0	500	3,405	4,060	0	.24
12	0	62	45	71	0	422	3,160	3,760	0	.24
13	0	90	45	79	0	450	2,766	3,430	0	.24
14	0	110	45	93	0	528	2,394	3,170	0	.24
15	0	114	87	93	0	574	2,452	3,320	.37	.61

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 Delaware and Raritan Canal May 9 - 15, 2005 averaged 93.1 mgd. The average diversion for the 30-day period ending May 15, 2005 was 85.2 mgd and the maximum diversion during the period was 94 mgd on May 7, 10, 11, and 12, 2005.

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Summary river data for May 16 - 22, 2005 (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, 2004 to date
	release begin 1200	release end 2400	release end 2400	beginning 0800	beginning 0800	beginning 0800	
May 16	80	134	60	281	305	0	493
17	84	127	65	429	300	0	494
18	77	124	67	300	300	0	494
19	78	125	71	273	300	0	495
20	80	128	74	440	299	0	495
21	80	129	75	448	300	0	496
22	80	129	75	448	299	0	497

Pepacton Reservoir (P):	Available storage May 23, 2005 (0800) Spillway crest elevation 1,280.00 ft.	136.908 billion gals. 140.190 billion gallons.	97.7 % (elev. 1,278.21 ft.)
Cannonsville Reservoir (C):	Available storage May 23, 2005 (0800) Spillway crest elevation 1,150.00 ft.	93.851 billion gals. 95.706 billion gallons.	98.1 % (elev. 1,148.78 ft.)
Neversink Reservoir (N):	Available storage May 23, 2005 (0800) Spillway crest elevation 1,440.00 ft.	34.581 billion gals. 34.941 billion gallons.	99.0 % (elev. 1,439.27 ft.)
Combined contents, PCN:	Available storage May 23, 2005 (0800) Combined capacity at spillway level.	265.340 billion gals. 270.837 billion gallons.	98.0 %
Lake Wallenpaupack:	Available storage May 22, 2005 (2400) Spillway crest elevation 1,190.00 ft.	27.410 billion gals. 35.451 billion gallons.	77.3 % (elev. 1,185.7 ft.)

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 16	0	124	166	93	0	454	2,693	3,530	.01
17	0	124	209	93	0	454	2,370	3,250	0	.62
18	0	124	207	93	0	634	2,062	3,120	0	.62
19	0	124	196	101	0	319	1,980	2,720	0	.62
20	0	130	192	104	0	106	1,828	2,360	0	.62
21	0	119	193	110	0	0	1,798	2,220	0	.62
22	0	121	198	114	0	0	1,737	2,170	.02	.64

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 Delaware and Raritan Canal May 16 - 22, 2005 averaged 91.1 mgd. The average diversion for the 30-day period ending May 22, 2005 was 87.6 mgd and the maximum diversion during the period was 94 mgd on May 7, 10, 11, and 12, 2005.

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Summary river data for May 23 - 29, 2005 (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, 2004 to date
	release begin 1200	release end 2400	release end 2400	beginning 0800	beginning 0800	beginning 0800	
May 23	80	127	70	448	299	0	497
24	80	125	70	447	299	0	498
25	81	125	70	447	300	0	499
26	90	133	70	461	300	0	499
27	90	135	70	446	300	0	500
28	89	135	66	450	300	0	501
29	80	133	50	450	300	0	502

Pepacton Reservoir (P):	Available storage May 30, 2005 (0800) Spillway crest elevation 1,280.00 ft.	134.768 billion gals. 140.190 billion gallons.	96.1 % (elev. 1,277.03 ft.)
Cannonsville Reservoir (C):	Available storage May 30, 2005 (0800) Spillway crest elevation 1,150.00 ft.	92.284 billion gals. 95.706 billion gallons.	96.4 % (elev. 1,147.75 ft.)
Neversink Reservoir (N):	Available storage May 30, 2005 (0800) Spillway crest elevation 1,440.00 ft.	34.596 billion gals. 34.941 billion gallons.	99.0 % (elev. 1,439.30 ft.)
Combined contents, PCN:	Available storage May 30, 2005 (0800) Combined capacity at spillway level.	261.648 billion gals. 270.837 billion gallons.	96.6 %
Lake Wallenpaupack:	Available storage May 29, 2005 (2400) Spillway crest elevation 1,190.00 ft.	28.143 billion gals. 35.451 billion gallons.	79.4 % (elev. 1,186.1 ft.)

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 23	240	124	200	116	0	0	1,700	2,140	.05
24	0	124	200	116	0	124	1,646	2,210	.09	.78
25	285	124	196	108	0	0	1,722	2,150	.06	.84
26	0	124	193	108	0	61	1,694	2,180	.07	.91
27	63	124	193	108	0	17	1,708	2,150	.03	.94
28	223	125	206	108	0	35	1,656	2,130	.07	1.01
29	237	139	209	108	0	0	1,824	2,280	.30	1.31

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 Delaware and Raritan Canal May 23 - 29, 2005 averaged 90.7 mgd. The average diversion for the 30-day period ending May 29, 2005 was 90.7 mgd and the maximum diversion during the period was 94 mgd on May 7, 10, 11, and 12, 2005.

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Summary river data for May 30 - June 5, 2005 (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
	release begin 1200	release end 2400	release end 2400	beginning 0800	beginning 0800	beginning 0800	June 1, 2004/2005 to date
May 30	81	130	52	445	297	0	502
31	90	137	61	298	300	263	503
June 1	90	141	70	301	300	112	713
2	90	141	70	280	299	0	646
3	94	143	75	297	299	0	629
4	94	183	75	278	299	0	616
5	94	326	75	290	296	0	610

Pepacton Reservoir (P):	Available storage June 6, 2005 (0800) Spillway crest elevation 1,280.00 ft.	133.132 billion gals. 140.190 billion gallons.	95.0 % (elev. 1,276.12 ft.)
Cannonsville Reservoir (C):	Available storage June 6, 2005 (0800) Spillway crest elevation 1,150.00 ft.	89.986 billion gals. 95.706 billion gallons.	94.0 % (elev. 1,146.24 ft.)
Neversink Reservoir (N):	Available storage June 6, 2005 (0800) Spillway crest elevation 1,440.00 ft.	34.126 billion gals. 34.941 billion gallons.	97.7 % (elev. 1,438.34 ft.)
Combined contents, PCN:	Available storage June 6, 2005 (0800) Combined capacity at spillway level.	257.244 billion gals. 270.837 billion gallons.	95.0 %
Lake Wallenpaupack:	Available storage June 5, 2005 (2400) Spillway crest elevation 1,190.00 ft.	28.514 billion gals. 35.451 billion gallons.	80.4 % (elev. 1,186.3 ft.)

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 30	0	139	209	102	0	0	1,870	2,320	0
31	210	138	206	77	0	0	1,749	2,170	0	1.31
June 1	0	124	201	80	0	0	1,585	1,990	0	0
2	135	125	212	94	0	0	1,569	2,000	0	0
3	170	139	218	108	0	32	1,373	1,870	0	0
4	250	139	218	108	0	0	1,335	1,800	.12	.12
5	372	139	221	116	0	0	1,294	1,770	0	.12

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 May 30 - June 5, 2005 averaged 88.9 mgd. The average diversion for the 30-day period ending June 5, 2005 was 91.1 mgd and the maximum diversion during the period was 94 mg on May 7, 10, 11, and 12, 2005.