

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA.

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

Summary river data for March 7 - 13, 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	spill begin 0800	release begin 1500	spill begin 0800	beginning 0800	beginning 0800	beginning 0800		
Mar. 7	300	118	8	16	106	262	300	0	489	
8	300	101	31	16	125	292	300	0	489	
9	300	58	42	16	120	264	300	0	489	
10	300	39	40	16	113	282	300	0	489	
11	300	40	48	16	113	258	300	0	490	
12	300	40	43	16	113	298	300	0	490	
13	300	40	47	16	107	341	300	0	491	

Pepacton Reservoir (P):	Available storage Mar. 14, 2005 (0800) Spillway crest elevation 1,280.00 ft.	132.111 billion gals. 94.2 % (elev. 1,275.55 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Mar. 14, 2005 (0800) Spillway crest elevation 1,150.00 ft.	96.028 billion gals. 100.3 % (elev. 1,150.20 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Mar. 14, 2005 (0800) Spillway crest elevation 1,440.00 ft.	35.046 billion gals. 100.3 % (elev. 1,440.21 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Mar. 14, 2005 (0800) Combined capacity at spillway level.	263.185 billion gals. 97.2 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Mar. 13, 2005 (2400) Spillway crest elevation 1,190.00 ft.	21.765 billion gals. 61.4 % (elev. 1,182.6 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 ²	Total Discharge	Excess Release Credits ³		Precipitation (inches)	
	Directed release ¹	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			Daily	Cumul.	Daily	Cumul.
	Mar. 7	0	464	138	25	576	67	3,090	4,360	0	5,209	.01
8	0	463	173	25	615	362	3,972	5,610	0	5,209	.18	.94
9	0	464	183	25	630	578	4,550	6,430	0	5,209	.06	1.00
10	0	464	156	25	589	387	4,009	5,630	0	5,209	0	1.00
11	0	464	90	25	627	266	3,648	5,120	0	5,209	0	1.00
12	0	464	60	25	339	443	3,469	4,800	0	5,209	.07	1.07
13	0	464	62	25	0	443	3,766	4,760	0	5,209	0	1.07

1. Release directed to maintain a flow at Montague of 1,820 cfs.

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

3. The excess-release quantity for the seasonal period beginning June 15, 2004 is 13,556 cfs-days. Under normal conditions, 7,856 cfs-days are to be released and 5,700 cfs-days are to be used for a habitat bank per DRBC Docket No. D-77-20 CP, Revision 7.

Diversions by New Jersey through the Delaware & Raritan Canal March 7 - 13, 2005 averaged 89.0 mgd. The average diversion for the 30-day period ending March 13, 2005 was 87.7 mgd and the maximum diversion during the period was 91 mg on February 28 and March 13, 2005.

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Summary river data for March 14 - 20, 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	spill begin 0800	release begin 1500	spill begin 0800	beginning 0800	beginning 0800	beginning 0800	
Mar. 14	299	40	57	16	103	218	13	0	490
15	207	50	78	16	97	203	296	0	490
16	102	74	51	16	84	269	297	0	490
17	100	82	30	16	80	445	300	0	491
18	100	82	16	16	84	447	293	0	492
19	100	79	7	16	82	447	300	0	493
20	100	80	10	16	87	447	300	0	494

Pepacton Reservoir (P):	Available storage Mar. 21, 2005 (0800) Spillway crest elevation 1,280.00 ft.	130.351 billion gals. 93.0 % (elev. 1,274.56 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Mar. 21, 2005 (0800) Spillway crest elevation 1,150.00 ft.	95.835 billion gals. 100.1 % (elev. 1,150.08 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Mar. 21, 2005 (0800) Spillway crest elevation 1,440.00 ft.	35.036 billion gals. 100.3 % (elev. 1,440.19 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Mar. 21, 2005 (0800) Combined capacity at spillway level.	261.222 billion gals. 96.4 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Mar. 20, 2005 (2400) Spillway crest elevation 1,190.00 ft.	21.228 billion gals. 59.9 % (elev. 1,182.3 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 ²	Total Discharge	Excess Release Credits ³		Precipitation (inches)	
	Directed release ¹	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			Daily	Cumul.	Daily	Cumul.
	Mar. 14	0	464	62	25	4	379	3,466	4,400	0	5,209	0
15	0	464	62	25	419	348	3,102	4,420	0	5,209	0	1.07
16	0	464	62	25	371	82	3,106	4,110	Expired		0	1.07
17	0	463	77	25	444	85	2,966	4,060			0	1.07
18	0	320	114	25	387	82	2,912	3,840			0	1.07
19	0	158	127	25	400	82	2,978	3,770			0	1.07
20	0	155	127	25	0	0	3,213	3,520			0	1.07

1. Release directed to maintain a flow at Montague of 1,820 cfs (March 14-15) and 1,750 cfs (March 16-20).

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

3. The excess-release quantity for the seasonal period beginning June 15, 2004 was 13,556 cfs-days. A total of 5,209 cfs-days was released to the downbasin through March 15, 2005, the end of the seasonal period. A total of 5,700 cfs-days was made available for a habitat bank per DRBC Docket No. D-77-20 CP, Revision 7; this bank expired on March 15, 2005.

Diversions by New Jersey through the Delaware & Raritan Canal March 14 - 20, 2005 averaged 91.7 mgd. The average diversion for the 30-day period ending March 20, 2005 was 89.7 mgd and the maximum diversion during the period was 93 mgd on March 20, 2005.

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Summary river data for March 21 - 27, 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	spill begin 0800	release begin 1500	spill begin 0800	beginning 0800	beginning 0800	beginning 0800		
March 21	100	80	5	16	66	447	300	0	494	
22	97	84	7	16	66	447	300	0	495	
23	80	100	23	16	65	445	300	0	496	
24	76	101	23	16	84	450	275	0	497	
25	50	72	31	16	84	182	200	0	496	
26	50	60	56	16	88	200	200	0	496	
27	45	54	151	16	94	200	200	0	496	

Pepacton Reservoir (P):	Available storage March 28, 2005 (0800) Spillway crest elevation 1,280.00 ft.	129.908 billion gals. 92.7 % (elev. 1,274.31 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage March 28, 2005 (0800) Spillway crest elevation 1,150.00 ft.	96.478 billion gals. 100.8 % (elev. 1,150.48 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage March 28, 2005 (0800) Spillway crest elevation 1,440.00 ft.	35.041 billion gals. 100.3 % (elev. 1,440.20 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage March 28, 2005 (0800) Combined capacity at spillway level.	261.427 billion gals. 96.5 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage March 27, 2005 (2400) Spillway crest elevation 1,190.00 ft.	21.048 billion gals. 59.4 % (elev. 1,182.2 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 ²	Total Discharge	Precipitation (inches)	
	Directed release ¹	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			Daily	Cumul.
	March 21	0	155	127	25	12	96	3,455	3,870	.13
22	0	155	122	25	346	181	3,661	4,490	0	1.20
23	0	155	124	25	464	85	4,357	5,210	0	1.20
24	0	155	130	25	529	202	4,579	5,620	.70	1.90
25	0	150	155	25	440	266	4,464	5,500	.01	1.91
26	0	124	156	25	379	390	4,146	5,220	0	1.91
27	0	118	111	25	0	174	4,422	4,850	0	1.91

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 Cannonsville and Neversink Reservoirs.

Diversions by New Jersey through the Delaware and Raritan Canal March 21 - 27, 2005 averaged 88.6 mgd. The average diversion for the 30-day period ending March 27, 2005 was 89.7 mgd and the maximum diversion during the period was 93 mgd on March 20, 2005.

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Summary river data for March 28 - April 3, 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 begin 1500	spill begin 0800	beginning 0800	beginning 0800	beginning 0800	
Mar. 28	23	0	32	1,880	16	1,081	0	0	0	494
29	31	0	29	3,873	16	975	0	0	0	493
30	438	22	29	3,693	16	685	0	0	0	491
31	268	1,026	29	3,370	16	612	0	0	0	489
Apr. 1	23	1,431	29	3,213	16	649	0	0	0	488
2	23	5,715	29	4,701	16	3,589	0	0	0	486
3	23	6,578	29	9,127	16	4,215	0	0	0	485

Pepacton Reservoir (P):	Available storage April 4, 2005 (0800) Spillway crest elevation 1,280.00 ft.	144.626 billion gals. 103.2 % (elev. 1,282.38 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage April 4, 2005 (0800) Spillway crest elevation 1,150.00 ft.	106.654 billion gals. 111.4 % (elev. 1,156.70 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage April 4, 2005 (0800) Spillway crest elevation 1,440.00 ft.	35.498 billion gals. 101.6 % (elev. 1,441.12 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage April 4, 2005 (0800) Combined capacity at spillway level.	286.778 billion gals. 105.9 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage April 3, 2005 (2400) Spillway crest elevation 1,190.00 ft.	34.506 billion gals. 97.3 % (elev. 1,189.5 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.
	Mar. 28	0	77	93	25	0	227	7,478	7,900	.63
29	0	77	84	25	363	1,429	55,022	57,000	1.66	4.20
30	0	70	50	25	657	1,234	53,964	56,000	.03	4.23
31	0	36	45	25	712	1,443	37,939	40,200	0	4.23
Apr. 1	0	48	45	25	1,528	1,472	32,882	36,000	0	0
2	0	678	45	25	1,665	1,720	46,867	51,000	.51	.51
3	0	415	45	25	1,664	6,000	167,851	176,000	2.40	2.91

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, and Lake Wallenpaupack.

Diversions by New Jersey through the Delaware and Raritan Canal March 28 - April 3, 2005 averaged 60.4 mgd. The average diversion for the 30-day period ending April 3, 2005 was 82.9 mgd and the maximum diversion during the period was 93 mgd on March 20, 2005.