

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA.

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

Summary river data for February 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	
Feb. 7	469	110	6	16	105	0	300	0	473
8	468	117	0	16	98	0	300	0	472
9	467	117	0	16	94	227	300	0	472
10	467	87	38	16	203	444	301	0	473
11	174	60	64	16	155	448	301	0	474
12	48	44	65	16	129	448	301	0	475
13	36	30	92	16	121	448	301	0	477

Pepacton Reservoir (P):	Available storage Feb. 14, 2005 (0800) Spillway crest elevation 1,280.00 ft.	135.348 billion gals. 96.5 % (elev. 1,277.35 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Feb. 14, 2005 (0800) Spillway crest elevation 1,150.00 ft.	96.334 billion gals. 100.7 % (elev. 1,150.39 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Feb. 14, 2005 (0800) Spillway crest elevation 1,440.00 ft.	35.051 billion gals. 100.3 % (elev. 1,440.22 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Feb. 14, 2005 (0800) Combined capacity at spillway level.	266.733 billion gals. 98.5 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Feb. 13, 2005 (2400) Spillway crest elevation 1,190.00 ft.	21.407 billion gals. 60.4 % (elev. 1,182.4 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 <sup>2</sup>	Total Discharge	Excess Release Credits <sup>3</sup>		Precipitation (inches)	
	Directed release <sup>1</sup>	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			Daily	Cumul.	Daily	Cumul.
Feb. 7	0	729	107	25	498	280	3,031	4,670	0	5,209	0	0
8	0	736	149	25	451	0	3,109	4,470	0	5,209	0	0
9	0	727	170	25	440	11	3,177	4,550	0	5,209	.02	.02
10	0	726	181	25	533	226	4,219	5,910	0	5,209	.37	.39
11	0	724	181	25	536	287	6,107	7,860	0	5,209	0	.39
12	0	722	135	25	510	135	5,113	6,640	0	5,209	0	.39
13	0	722	93	25	0	99	4,401	5,340	0	5,209	.05	.44

Date	Releases from N.Y.C. Reservoirs				Power releases		Computed uncon- trolled <sup>2</sup>	Total Discharge	Excess Release Credits <sup>3</sup>		Precipitation (inches)	
	Directed release <sup>1</sup>	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			Daily   Cumul.	Daily	Cumul.	

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 February 7 - 13, 2005 averaged 92.3 mgd. The average diversion for the 30-day period ending February 13, 2005 was 81.7 mgd and the maximum diversion during the period was 102 mgd on February 6, 2005.

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Summary river data for February 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		
Feb. 14	33	31	170	16	112	443	298	0	478	
15	23	30	356	16	219	448	300	0	479	
16	23	29	661	16	260	449	300	0	480	
17	40	30	1,004	16	260	449	300	0	481	
18	299	30	864	16	219	448	300	0	482	
19	299	30	658	16	158	443	300	0	483	
20	216	30	538	16	158	448	300	0	484	

Pepacton Reservoir (P):	Available storage Feb. 21, 2005 (0800) Spillway crest elevation 1,280.00 ft.	136.436 billion gals. 97.3 % (elev. 1,277.95 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Feb. 21, 2005 (0800) Spillway crest elevation 1,150.00 ft.	97.412 billion gals. 101.8 % (elev. 1,151.06 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Feb. 21, 2005 (0800) Spillway crest elevation 1,440.00 ft.	35.085 billion gals. 100.4 % (elev. 1,440.29 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Feb. 21, 2005 (0800) Combined capacity at spillway level.	268.933 billion gals. 99.3 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Feb. 20, 2005 (2400) Spillway crest elevation 1,190.00 ft.	22.847 billion gals. 64.4 % (elev. 1,183.2 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	Excess Release Credits <sup>3</sup>		Precipitation (inches)	
	Directed release <sup>1</sup>	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			Daily	Cumul.	Daily	Cumul.
	Feb. 14	0	269	68	25	9	184	4,175	4,730	0	5,209	0
15	0	74	46	25	284	372	5,469	6,270	0	5,209	.61	1.05
16	0	56	48	25	323	202	8,946	9,600	0	5,209	0	1.05
17	0	51	46	25	261	167	10,950	11,500	0	5,209	.21	1.26
18	0	36	45	25	329	174	9,991	10,600	0	5,209	.05	1.31
19	0	36	46	25	261	223	8,269	8,860	0	5,209	.01	1.32
20	0	62	46	25	0	489	7,638	8,260	0	5,209	0	1.32

Date	Releases from N.Y.C. Reservoirs				Power releases		Computed uncon- trolled <sup>2</sup>	Total Discharge	Excess Release Credits <sup>3</sup>		Precipitation (inches)	
	Directed release <sup>1</sup>	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			Daily   Cumul.	Daily	Cumul.	

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 February 14 - 20, 2005 averaged 83.4 mgd. The average diversion for the 30-day period ending February 20, 2005 was 82.3 mgd and the maximum diversion during the period was 102 mgd on February 6, 2005.

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Summary river data for February 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		
Feb. 21	106	30	475	16	172	448	300	0	485	
22	35	29	397	16	166	448	300	0	486	
23	71	29	384	16	124	447	300	0	487	
24	176	29	357	16	113	447	300	0	488	
25	292	29	293	16	113	180	300	0	488	
26	300	29	231	16	106	0	300	0	487	
27	300	29	192	16	106	0	300	0	486	

Pepacton Reservoir (P):	Available storage Feb. 28, 2005 (0800) Spillway crest elevation 1,280.00 ft.	135.982 billion gals. 97.0 % (elev. 1,277.70 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Feb. 28, 2005 (0800) Spillway crest elevation 1,150.00 ft.	96.527 billion gals. 100.9 % (elev. 1,150.51 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Feb. 28, 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 Feb. 28, 2005 (0800) Combined capacity at spillway level.	267.555 billion gals. 98.8 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Feb. 27, 2005 (2400) Spillway crest elevation 1,190.00 ft.	23.030 billion gals. 65.0 % (elev. 1,183.3 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	Excess Release Credits <sup>3</sup>		Precipitation (inches)	
	Directed release <sup>1</sup>	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			Daily	Cumul.	Daily	Cumul.
	Feb. 21	0	463	46	25	0	256	6,700	7,490	0	5,209	.38
22	0	463	46	25	1	404	6,061	7,000	0	5,209	.02	1.72
23	0	334	46	25	667	305	5,563	6,940	0	5,209	.06	1.78
24	0	164	45	25	829	174	5,083	6,320	0	5,209	0	1.78
25	0	54	45	25	570	277	4,629	5,600	0	5,209	.08	1.86
26	0	110	45	25	537	326	4,207	5,250	0	5,209	0	1.86
27	0	272	45	25	501	326	3,941	5,110	0	5,209	0	1.86

Date	Releases from N.Y.C. Reservoirs				Power releases		Computed uncon- trolled <sup>2</sup>	Total Discharge	Excess Release Credits <sup>3</sup>		Precipitation (inches)	
	Directed release <sup>1</sup>	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			Daily   Cumul.	Daily	Cumul.	

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 February 21 - 27, 2005 averaged 89.4 mgd. The average diversion for the 30-day period ending February 27, 2005 was 85.9 mgd and the maximum diversion during the period was 102 mgd on February 6, 2005.

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Summary river data for February 28 - March 6, 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		
Feb. 28	299	29	146	16	106	208	300	0	486	
Mar. 1	299	29	117	16	110	312	300	0	487	
2	300	29	97	16	113	277	300	0	487	
3	300	29	78	16	105	261	297	0	487	
4	300	51	55	16	106	276	300	0	488	
5	299	89	35	16	106	260	300	0	488	
6	300	112	15	16	106	299	300	0	488	

Pepacton Reservoir (P):	Available storage Mar. 7, 2005 (0800) Spillway crest elevation 1,280.00 ft.	133.923 billion gals. 95.5 % (elev. 1,276.56 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Mar. 7, 2005 (0800) Spillway crest elevation 1,150.00 ft.	95.786 billion gals. 100.1 % (elev. 1,150.05 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Mar. 7, 2005 (0800) Spillway crest elevation 1,440.00 ft.	35.051 billion gals. 100.3 % (elev. 1,440.22 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Mar. 7, 2005 (0800) Combined capacity at spillway level.	264.760 billion gals. 97.8 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Mar. 6, 2005 (2400) Spillway crest elevation 1,190.00 ft.	22.847 billion gals. 64.4 % (elev. 1,183.2 ft.) 35.451 billion gallons.

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	Directed release <sup>1</sup>	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			Daily	Cumul.	Daily	Cumul.
Feb. 28	0	452	45	25	592	291	3,875	5,280	0	5,209	0	1.86
Mar. 1	0	464	45	25	544	287	3,675	5,040	0	5,209	.55	.55
2	0	464	45	25	696	287	3,523	5,040	0	5,209	.20	.75
3	0	463	45	25	701	309	3,427	4,970	0	5,209	0	.75
4	0	463	45	25	531	305	3,051	4,420	0	5,209	0	.75
5	0	464	45	25	691	117	3,018	4,360	0	5,209	0	.75
6	0	464	79	25	430	71	3,051	4,120	0	5,209	0	.75

Date	Releases from N.Y.C. Reservoirs				Power releases		Computed uncon- trolled <sup>2</sup>	Total Discharge	Excess Release Credits <sup>3</sup>		Precipitation (inches)	
	Directed release <sup>1</sup>	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			Daily   Cumul.	Daily	Cumul.	

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Diversions by New Jersey through the Delaware & Raritan Canal February 28 - March 6, 2005 averaged 89.4 mgd. The average diversion for the 30-day period ending March 6, 2005 was 89.5 mgd and the maximum diversion during the period was 102 mgd on February 6, 2005.