

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA.

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

Summary river data for December 5 - 11, 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, 2005 to date
	release begin 1200	release end 2400	release begin 1500	beginning 0800	beginning 0800	beginning 0800	
Dec. 5	23	31	16	0	0	0	587
6	23	30	16	0	0	0	584
7	30	30	16	0	0	0	580
8	56	36	16	0	0	261	579
9	60	45	16	0	0	272	577
10	60	46	17	0	0	273	576
11	68	47	16	0	0	272	574

Pepacton Reservoir (P):	Available storage Dec. 12, 2005 (0800) Spillway crest elevation 1,280.00 ft.	122.309 billion gals. 87.2 % (elev. 1,269.95 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Dec. 12, 2005 (0800) Spillway crest elevation 1,150.00 ft.	76.992 billion gals. 80.4 % (elev. 1,137.19 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Dec. 12, 2005 (0800) Spillway crest elevation 1,440.00 ft.	32.638 billion gals. 93.4 % (elev. 1,435.25 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Dec. 12, 2005 (0800) Combined capacity at spillway level.	231.939 billion gals. 85.6 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Dec. 11, 2005 (2400) Spillway crest elevation 1,190.00 ft.	25.585 billion gals. 72.2 % (elev. 1,184.7 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.
	Dec. 5	0	36	46	25	650	787	7,056	8,600	***	***	.03
6	0	36	46	25	806	777	5,930	7,620	***	***	0	.13
7	0	36	48	25	666	762	5,273	6,810	***	***	0	.13
8	0	36	46	25	662	741	4,550	6,060	***	***	0	.13
9	0	36	46	25	785	408	4,140	5,440	***	***	.33	.46
10	0	46	56	25	430	67	3,876	4,500	***	***	.11	.57
11	0	87	70	25	416	67	3,725	4,390	***	***	.02	.59

1. Release directed to maintain a flow at Montague of 1,750 cfs.

2. Includes conservation release of 100 cfs from Rio Reservoir.

3. The excess-release quantity for the seasonal period beginning June 15, 2005 is 11,418 cfs-days. Under normal conditions, 5,718 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. Note \*\*\* On July 20, 2005, the Decree Parties unanimously agreed to suspend release of the downbasin portion of the excess release quantity from design dates July 20 - August 2, 2005 (Montague dates July 23 - August 5, 2005). The agreement has been extended from November 17 to December 15, 2005 (Montague date December 18, 2005).

Diversions by New Jersey through the Delaware and Raritan Canal December 5 - 11, 2005 averaged 91.6 mgd. The average diversion for the 30-day period ending December 11, 2005 was 78.4 mgd and the maximum diversion during the period was 95 mg on December 11, 2005.

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Summary river data for December 12 - 18, 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, 2005 to date
	release begin 1200	release end 2400	release begin 1500	beginning 0800	beginning 0800	beginning 0800	
Dec. 12	69	48	16	0	0	272	573
13	70	56	16	57	0	272	571
14	70	55	16	0	0	263	570
15	93	59	16	0	0	272	568
16	105	79	16	414	0	148	568
17	105	80	16	450	0	0	568
18	90	70	16	452	0	0	567

Pepacton Reservoir (P):	Available storage Dec. 19, 2005 (0800) Spillway crest elevation 1,280.00 ft.	122.498 billion gals. 87.4 % (elev. 1,270.06 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Dec. 19, 2005 (0800) Spillway crest elevation 1,150.00 ft.	80.004 billion gals. 83.6 % (elev. 1,139.37 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Dec. 19, 2005 (0800) Spillway crest elevation 1,440.00 ft.	32.316 billion gals. 92.5 % (elev. 1,434.57 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Dec. 19, 2005 (0800) Combined capacity at spillway level.	234.818 billion gals. 86.7 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Dec. 18, 2005 (2400) Spillway crest elevation 1,190.00 ft.	25.767 billion gals. 72.7 % (elev. 1,184.8 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	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.
Dec. 12	0	93	71	26	280	85	3,835	4,390	***	***	.05	.64
13	0	93	73	25	539	128	3,342	4,200	***	***	0	.64
14	0	93	74	25	500	128	2,900	3,720	***	***	0	.64
15	0	107	87	25	552	96	2,533	3,400	***	***	0	.64
16	0	108	85	25	492	0	3,590	4,300	***	***	.81	1.45
17	0	108	91	25	494	99	5,383	6,200	***	***	.03	1.48
18	0	144	122	25	469	348	5,092	6,200	***	***	0	1.48

1. Release directed to maintain a flow at Montague of 1,750 cfs.

2. Includes conservation release of 100 cfs from Rio Reservoir.

3. The excess-release quantity for the seasonal period beginning June 15, 2005 is 11,418 cfs-days. Under normal conditions, 5,718 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. Note \*\*\* On July 20, 2005, the Decree Parties unanimously agreed to suspend release of the downbasin portion of the excess release quantity from design dates July 20 - August 2, 2005 (Montague dates July 23 -August 5, 2005). The agreement expired on December 15, 2005 (Montague date December 18, 2005).

Diversions by New Jersey through the Delaware and Raritan Canal December 12 - 18, 2005 averaged 94.9 mgd. The average diversion for the 30-day period ending December 18, 2005 was 89.5 mgd and the maximum diversion during the period was 110 mg on December 15, 2005.

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Summary river data for December 19 - 25, 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, 2005 to date
	release begin 1200	release end 2400	release begin 1500	beginning 0800	beginning 0800	beginning 0800	
Dec. 19	90	57	29	452	0	0	566
20	98	57	44	453	0	0	566
21	100	83	45	453	0	0	565
22	109	126	50	452	0	0	565
23	106	133	50	451	0	0	564
24	106	121	50	451	0	0	564
25	101	108	45	239	0	0	562

Pepacton Reservoir (P):	Available storage Dec. 26, 2005 (0800) Spillway crest elevation 1,280.00 ft.	120.497 billion gals. 86.0 % (elev. 1,268.89 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Dec. 26, 2005 (0800) Spillway crest elevation 1,150.00 ft.	81.148 billion gals. 84.8 % (elev. 1,140.19 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Dec. 26, 2005 (0800) Spillway crest elevation 1,440.00 ft.	32.733 billion gals. 93.7 % (elev. 1,435.45 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Dec. 26, 2005 (0800) Combined capacity at spillway level.	234.378 billion gals. 86.5 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Dec. 25, 2005 (2400) Spillway crest elevation 1,190.00 ft.	25.585 billion gals. 72.2 % (elev. 1,184.7 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.
Dec. 19	0	162	124	25	455	135	3,999	4,900	0	4,629	0	1.48
20	0	162	108	25	526	67	3,612	4,500	0	4,629	0	1.48
21	0	139	88	45	492	142	3,694	4,600	0	4,629	0	1.48
22	0	139	88	68	482	191	3,332	4,300	0	4,629	0	1.48
23	0	152	128	70	509	291	3,150	4,300	0	4,629	0	1.48
24	0	155	195	77	383	191	3,269	4,270	0	4,629	.0	1.48
25	0	169	206	77	367	202	3,149	4,170	0	4,629	0	1.48

1. Release directed to maintain a flow at Montague of 1,800 cfs.

2. Includes conservation release of 100 cfs from Rio Reservoir.

3. The excess-release quantity for the seasonal period beginning June 15, 2005 is 11,418 cfs-days. Under normal conditions, 5,718 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.

Diversion by New Jersey through the Delaware and Raritan Canal December 19 - 25, 2005 averaged 98.1 mgd. The average diversion for the 30-day period ending December 25, 2005 was 92.6 mgd and the maximum diversion during the period was 110 mg on December 15, 2005.

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Summary river data for December 26, 2005 - January 1, 2006 (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, 2005 to date
	release begin 1200	release end 2400	release begin 1500	beginning 0800	beginning 0800	beginning 0800	
Dec. 26	100	87	30	0	0	0	559
27	75	59	16	388	0	0	559
28	61	40	16	452	0	0	558
29	23	30	16	450	0	0	558
30	23	31	16	0	0	273	556
31	23	31	16	0	0	273	555
Jan. 1	23	29	16	0	0	273	554

Pepacton Reservoir (P):	Available storage Jan. 2, 2006 (0800) Spillway crest elevation 1,280.00 ft.	126.273 billion gals. 90.1 % (elev. 1,272.23 ft.) 140.123 billion gallons.
Cannonsville Reservoir (C):	Available storage Jan. 2, 2006 (0800) Spillway crest elevation 1,150.00 ft.	90.123 billion gals. 94.2 % (elev. 1,146.33 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Jan. 2, 2006 (0800) Spillway crest elevation 1,440.00 ft.	33.382 billion gals. 95.5 % (elev. 1,436.78 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Jan. 2, 2006 (0800) Combined capacity at spillway level.	249.778 billion gals. 92.2 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Jan. 1, 2006 (2400) Spillway crest elevation 1,190.00 ft.	26.862 billion gals. 75.8 % (elev. 1,185.4 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.
Dec. 26	0	164	187	77	449	35	5,418	6,330	0	4,629	.62	2.10
27	0	164	167	70	476	181	8,302	9,360	0	4,629	.01	2.11
28	0	156	135	46	470	191	7,472	8,470	0	4,629	0	2.11
29	0	155	91	25	430	330	6,679	7,710	0	4,629	0	2.11
30	0	116	62	25	577	762	11,158	12,700	0	4,629	.53	2.64
31	0	94	46	25	621	376	12,638	13,800	0	4,629	.0	2.64
Jan. 1	0	36	48	25	614	773	9,804	11,300	0	4,629	.12	.12

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2. Includes conservation release of 100 cfs from Rio Reservoir.

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Diversions by New Jersey through the Delaware and Raritan Canal December 26, 2005 - January 1, 2006 averaged 96.9 mgd. The average diversion for the 30-day period ending January 1, 2006 was 94.7 mgd and the maximum diversion during the period was 110 mgd on December 15, 2005.