

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA.

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

Summary river data for August 1 - 7, 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	
Aug. 1	118	535	75	448	299	0	745
2	120	468	80	450	299	0	745
3	120	487	95	448	299	0	745
4	120	414	80	450	299	0	745
5	120	633	80	450	299	0	745
6	120	705	75	448	298	0	745
7	120	716	75	448	298	0	745

Pepacton Reservoir (P):	Available storage Aug. 8, 2005 (0800)	109.835 billion gals.	78.3 % (elev. 1,262.48 ft.)
	Spillway crest elevation 1,280.00 ft.	140.190 billion gallons.	
Cannonsville Reservoir (C):	Available storage Aug. 8, 2005 (0800)	70.563 billion gals.	73.7 % (elev. 1,132.43 ft.)
	Spillway crest elevation 1,150.00 ft.	95.706 billion gallons.	
Neversink Reservoir (N):	Available storage Aug. 8, 2005 (0800)	23.605 billion gals.	67.6 % (elev. 1,414.55 ft.)
	Spillway crest elevation 1,440.00 ft.	34.941 billion gallons.	
Combined contents, PCN:	Available storage Aug. 8, 2005 (0800)	204.003 billion gals.	75.3 %
	Combined capacity at spillway level.	270.837 billion gallons.	
Lake Wallenpaupack:	Available storage Aug. 7, 2005 (2400)	19.615 billion gals.	55.3 % (elev. 1,181.4 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	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.
Aug. 1	1,291	178	996	116	0	0	460	1,750	***	***	.26	.26
2	1,086	183	794	110	158	0	575	1,820	***	***	0	.26
3	1,107	161	828	116	140	0	585	1,830	***	***	0	.26
4	1,027	183	724	124	151	0	558	1,740	***	***	0	.26
5	1,085	186	753	147	133	0	501	1,720	***	***	0	.26
6	953	186	640	124	378	0	482	1,810	***	***	.14	.40
7	1,313	186	979	124	0	0	401	1,690	***	***	0	.40

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

2. Includes conservation release of 100 cfs from Rio Reservoir on August 1, 2005 and 60 cfs on August 2-7, 2005.

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). On August 2, 2005, the agreement was extended to August 31, 2005 (Montague date September 3, 2005).

Diversions by New Jersey through the Delaware & Raritan Canal August 1-7, 2005 averaged 95.3 mgd. The average diversion for the 30-day period ending August 7, 2005 was 94.6 mgd and the maximum diversion during the period was 98 mg on July 17, 2005.

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Summary river data for August 8 - 14, 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	
Aug. 8	120	709	80	448	300	0	745
9	120	729	80	447	300	0	745
10	120	641	80	447	299	0	745
11	120	462	75	447	299	0	745
12	120	666	79	447	298	0	745
13	120	656	80	447	298	0	745
14	120	412	80	447	298	0	745

Pepacton Reservoir (P):	Available storage Aug. 15, 2005 (0800) Spillway crest elevation 1,280.00 ft.	106.148 billion gals. 75.7 % (elev. 1,260.19 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Aug. 15, 2005 (0800) Spillway crest elevation 1,150.00 ft.	64.606 billion gals. 67.5 % (elev. 1,127.85 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Aug. 15, 2005 (0800) Spillway crest elevation 1,440.00 ft.	23.298 billion gals. 66.7 % (elev. 1,413.78 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Aug. 15, 2005 (0800) Combined capacity at spillway level.	194.052 billion gals. 71.6 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Aug. 14, 2005 (2400) Spillway crest elevation 1,190.00 ft.	19.436 billion gals. 54.8 % (elev. 1,181.3 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.
Aug. 8	1,385	186	1,091	116	0	0	367	1,760	***	***	0	.40
9	1,410	186	1,108	116	0	0	590	2,000	***	***	.43	.83
10	1,410	186	1,097	124	0	0	603	2,010	***	***	0	.83
11	1,437	186	1,128	124	0	0	422	1,860	***	***	0	.83
12	1,308	186	992	124	378	45	395	2,120	***	***	0	.83
13	1,017	186	715	116	357	14	832	2,220	***	***	.72	1.55
14	1,342	186	1,030	122	0	0	752	2,090	***	***	.24	1.79

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

2. Includes conservation release of 60 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). On August 2, 2005, the agreement was extended to August 31, 2005 (Montague date September 3, 2005).

Diversions by New Jersey through the Delaware & Raritan Canal August 8-14, 2005 averaged 78.6 mgd. The average diversion for the 30-day period ending August 14, 2005 was 91.4 mgd and the maximum diversion during the period was 98 mg on July 17, 2005.

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Summary river data for August 15 - 21, 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	
Aug. 15	120	408	70	446	299	0	745
16	120	524	70	446	299	0	745
17	120	529	71	445	299	0	745
18	125	576	75	444	299	0	745
19	125	580	75	444	299	0	745
20	125	574	75	444	299	0	745
21	125	686	75	444	299	0	745

Pepacton Reservoir (P):	Available storage Aug. 22, 2005 (0800) Spillway crest elevation 1,280.00 ft.	102.398 billion gals. 73.0 % (elev. 1,257.82 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Aug. 22, 2005 (0800) Spillway crest elevation 1,150.00 ft.	58.802 billion gals. 61.4 % (elev. 1,123.22 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Aug. 22, 2005 (0800) Spillway crest elevation 1,440.00 ft.	22.929 billion gals. 65.6 % (elev. 1,412.85 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Aug. 22, 2005 (0800) Combined capacity at spillway level.	184.129 billion gals. 68.0 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Aug. 21, 2005 (2400) Spillway crest elevation 1,190.00 ft.	19.436 billion gals. 54.8 % (elev. 1,181.3 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.
	Aug. 15	1,327	186	1,015	124	0	0	935	2,260	***	***	.35
16	947	186	637	124	0	11	832	1,790	***	***	.01	2.15
17	926	186	631	108	0	43	592	1,560	***	***	.05	2.20
18	1,102	186	811	108	0	14	521	1,640	***	***	0	2.20
19	1,116	186	818	110	0	0	476	1,590	***	***	0	2.20
20	1,188	186	891	116	0	0	437	1,630	***	***	.07	2.27
21	1,209	193	897	116	0	0	434	1,640	***	***	.01	2.28

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

2. Includes conservation release of 60 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). On August 2, 2005, the agreement was extended to August 31, 2005 (Montague date September 3, 2005).

Diversions by New Jersey through the Delaware & Raritan Canal August 15 - 21, 2005 averaged 91.0 mgd. The average diversion for the 30-day period ending August 21, 2005 was 93.9 mgd and the maximum diversion during the period was 96 mg on July 27 - 31; August 1, 5 - 7, and 15, 2005.

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Summary river data for August 22 - 28, 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	
Aug. 22	125	712	75	444	300	0	745
23	125	723	75	445	300	0	745
24	125	538	75	446	296	0	745
25	125	564	76	490	298	0	746
26	125	757	80	498	299	0	746
27	125	755	80	498	298	0	747
28	125	708	80	492	297	0	747

Pepacton Reservoir (P):	Available storage Aug. 29, 2005 (0800) Spillway crest elevation 1,280.00 ft.	98.399 billion gals. 70.2 % (elev. 1,255.24 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Aug. 29, 2005 (0800) Spillway crest elevation 1,150.00 ft.	52.304 billion gals. 54.7 % (elev. 1,117.80 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Aug. 29, 2005 (0800) Spillway crest elevation 1,440.00 ft.	22.509 billion gals. 64.4 % (elev. 1,411.78 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Aug. 29, 2005 (0800) Combined capacity at spillway level.	173.212 billion gals. 64.0 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Aug. 28, 2005 (2400) Spillway crest elevation 1,190.00 ft.	18.194 billion gals. 51.3 % (elev. 1,180.6 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 <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.
Aug. 22	1,196	193	888	116	0	0	423	1,620	***	***	0	2.28
23	1,374	193	1,061	116	0	0	350	1,720	***	***	0	2.28
24	1,411	193	1,101	116	0	0	340	1,750	***	***	0	2.28
25	1,431	193	1,118	116	0	0	303	1,730	***	***	0	2.28
26	1,143	193	832	116	257	32	350	1,780	***	***	0	2.28
27	1,182	193	873	118	1,097	103	326	2,710	***	***	0	2.28
28	1,494	193	1,171	124	595	46	471	2,600	***	***	.26	2.54

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

2. Includes conservation release of 60 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). On August 2, 2005, the agreement was extended to August 31, 2005 (Montague date September 3, 2005).

Diversions by New Jersey through the Delaware & Raritan Canal August 22 - 28, 2005 averaged 88.0 mgd. The average diversion for the 30-day period ending August 28, 2005 was 92.3 mgd and the maximum diversion during the period was 96 mg on July 30, 31; August 1, 5, 6, 7, and 15, 2005.

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Summary river data for August 29 - September 4, 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	
Aug. 29	125	585	70	492	297	0	748
30	115	244	70	450	299	0	748
31	115	151	70	450	299	0	748
Sept. 1	115	231	70	449	300	0	748
2	125	342	80	449	300	0	748
3	125	506	80	448	300	0	748
4	125	598	80	448	300	0	748

Pepacton Reservoir (P):	Available storage Sept. 5, 2005 (0800) Spillway crest elevation 1,280.00 ft.	94.936 billion gals. 67.7 % (elev. 1,252.96 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Sept. 5, 2005 (0800) Spillway crest elevation 1,150.00 ft.	48.158 billion gals. 50.3 % (elev. 1,114.20 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Sept. 5, 2005 (0800) Spillway crest elevation 1,440.00 ft.	22.874 billion gals. 65.5 % (elev. 1,412.69 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Sept. 5, 2005 (0800) Combined capacity at spillway level.	165.968 billion gals. 67.7 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Sept. 4, 2005 (2400) Spillway crest elevation 1,190.00 ft.	17.666 billion gals. 49.8 % (elev. 1,180.3 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.
Aug. 29	1,489	193	1,168	124	0	0	475	1,960	***	***	.21	2.75
30	1,415	193	1,095	124	15	0	443	1,870	***	***	.52	3.27
31	1,209	193	905	108	0	0	924	2,130	***	***	.32	3.59
Sept. 1	679	193	377	108	0	0	1,282	1,960	***	***	.24	.24
2	430	178	234	108	306	0	1,144	1,970	***	***	0	.24
3	642	178	357	108	279	0	968	1,890	***	***	0	.24
4	832	178	529	124	0	0	679	1,510	***	***	0	.24

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

2. Includes conservation release of 60 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 to September 30, 2005 (Montague date October 3, 2005).

Diversions by New Jersey through the Delaware & Raritan Canal August 29 - September 4, 2005 are currently unavailable.