

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA.

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

Summary river data for July 3 - 9, 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, 2006 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	
July 3	69	1,459	237	2,518	58	161	0	0	178	307
4	69	773	476	973	43	0	0	0	191	303
5	69	625	475	696	16	0	0	0	335	304
6	70	469	378	509	16	0	2	0	367	306
7	85	278	301	397	35	0	310	0	367	316
8	99	95	356	291	50	0	300	0	301	323
9	100	59	435	201	56	0	295	0	299	330

Pepacton Reservoir (P):	Available storage July 10, 2006 (0800) Spillway crest elevation 1,280.00 ft.	140.375 billion gals. 100.1 % (elev. 1,280.10 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage July 10, 2006 (0800) Spillway crest elevation 1,150.00 ft.	96.543 billion gals. 100.9 % (elev. 1,150.52 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage July 10, 2006 (0800) Spillway crest elevation 1,440.00 ft.	33.755 billion gals. 96.6 % (elev. 1,437.58 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage July 10, 2006 (0800) Combined capacity at spillway level.	270.673 billion gals. 99.9 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage July 9, 2006 (2400) Spillway crest elevation 1,190.00 ft.	25.220 billion gals. 71.1 % (elev. 1,184.5 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 <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.
	July 3	0	36	60	65	1,721	645	17,573	20,100	0	0	.05
4	0	36	60	76	1,721	642	13,665	16,200	0	0	0	.11
5	0	42	367	90	1,721	638	10,542	13,400	0	0	.15	.26
6	0	107	736	67	1,724	635	7,831	11,100	0	0	.03	.29
7	0	107	735	25	1,724	624	6,185	9,400	0	0	0	.29
8	0	107	585	25	1,695	613	5,285	8,310	0	0	0	.29
9	0	108	466	54	1,726	631	4,595	7,580	0	0	0	.29

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

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

3. The excess-release quantity for the seasonal period beginning June 15, 2006 is 11,418 cfs-days. Unless banked or release suspended by the Decree Parties, 5,718 cfs-days are to be released to the lower basin. A total of 5,700 cfs-days are to be used for an upper basin habitat protection bank per DRBC Docket No. D-77-20 CP, Revision 7.

Diversion by New Jersey through the Delaware and Raritan Canal July 3 - 9, 2006, and thirty-day average and maximum diversions, were unavailable.

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

Summary river data for July 10 - 16, 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, 2006 to date
	release begin 1200	spill begin 0800	release end 2400	spill begin 0800	release begin 1500	beginning 0800	beginning 0800	beginning 0800	
July 10	41	12	347	155	43	441	0	145	337
11	29	0	227	160	39	441	0	145	343
12	74	0	229	218	50	442	0	144	349
13	50	0	240	252	50	453	0	148	354
14	63	0	294	277	67	453	0	125	360
15	80	0	430	208	80	453	0	164	365
16	80	0	450	177	80	453	0	159	371

Pepacton Reservoir (P):	Available storage July 17, 2006 (0800) Spillway crest elevation 1,280.00 ft.	138.885 billion gals. 99.1 % (elev. 1,279.29 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage July 17, 2006 (0800) Spillway crest elevation 1,150.00 ft.	96.462 billion gals. 100.8 % (elev. 1,150.47 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage July 17, 2006 (0800) Spillway crest elevation 1,440.00 ft.	32.995 billion gals. 94.4 % (elev. 1,436.00 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage July 17, 2006 (0800) Combined capacity at spillway level.	268.342 billion gals. 99.1 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage July 16, 2006 (2400) Spillway crest elevation 1,190.00 ft.	23.212 billion gals. 65.5 % (elev. 1,183.4 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.
	July 10	0	131	551	77	1,731	628	3,812	6,930	0	0	0
11	0	153	673	87	1,334	571	2,982	5,800	0	0	.21	.50
12	0	155	537	67	678	631	2,762	4,830	0	0	.08	.58
13	0	63	351	60	563	628	2,975	4,640	0	0	.23	.81
14	0	45	354	77	431	493	3,360	4,760	0	0	.01	.82
15	0	114	371	77	576	135	2,857	4,130	0	0	0	.82
16	0	77	455	104	453	0	2,841	3,930	0	0	.05	.87

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

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

3. The excess-release quantity for the seasonal period beginning June 15, 2006 is 11,418 cfs-days. Unless banked or release suspended by the Decree Parties, 5,718 cfs-days are to be released to the lower basin. A total of 5,700 cfs-days are to be used for an upper basin habitat protection bank per DRBC Docket No. D-77-20 CP, Revision 7.

Diversion by New Jersey through the Delaware and Raritan Canal July 10 - 16, 2006 averaged 100 mgd; thirty-day average and maximum diversions were unavailable.

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Summary river data for July 17 - 23, 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, 2006 to date
	release begin 1200	release end 2400	spill begin 0800	release begin 1500	beginning 0800	beginning 0800	beginning 0800		
July 17	80	450	101	80	453	0	147	375	
18	80	450	7	77	489	0	179	382	
19	99	389	1	65	495	0	0	384	
20	110	271	0	65	495	0	120	389	
21	110	250	0	65	490	0	78	392	
22	68	205	15	27	495	0	97	396	
23	105	103	57	43	495	0	100	400	

Pepacton Reservoir (P):	Available storage July 24, 2006 (0800) Spillway crest elevation 1,280.00 ft.	136.145 billion gals. 97.1 % (elev. 1,277.79 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage July 24, 2006 (0800) Spillway crest elevation 1,150.00 ft.	96.173 billion gals. 100.5 % (elev. 1,150.29 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage July 24, 2006 (0800) Spillway crest elevation 1,440.00 ft.	32.420 billion gals. 92.8 % (elev. 1,434.79 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage July 24, 2006 (0800) Combined capacity at spillway level.	264.738 billion gals. 97.7 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage July 23, 2006 (2400) Spillway crest elevation 1,190.00 ft.	23.212 billion gals. 65.5 % (elev. 1,183.4 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.
	July 17	0	97	665	124	447	67	2,460	3,860	0	0	0
18	0	124	696	124	387	138	2,071	3,540	0	0	0	.87
19	0	124	696	124	400	156	1,800	3,300	0	0	.01	.88
20	0	124	696	119	433	167	1,601	3,140	0	0	0	.88
21	0	124	602	101	496	152	1,605	3,080	0	0	.49	1.37
22	0	153	419	101	561	89	1,937	3,260	0	0	.10	1.47
23	0	170	387	101	159	0	2,773	3,590	0	0	1.08	2.55

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

2. Includes conservation release of 100 cfs from Rio Reservoir and spill from Cannonsville Reservoir.

3. The excess-release quantity for the seasonal period beginning June 15, 2006 is 11,418 cfs-days. Unless banked or release suspended by the Decree Parties, 5,718 cfs-days are to be released to the lower basin. A total of 5,700 cfs-days are to be used for an upper basin habitat protection bank per DRBC Docket No. D-77-20 CP, Revision 7.

Diversion by New Jersey through the Delaware and Raritan Canal July 17 - 23, 2006 averaged 95.6 mgd. The average diversion for the 30-day period ending July 23, 2006 was 97.3 mgd and the maximum diversion during the period was 103 mgd on July 4, 2006.

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Summary river data for July 24 - 30, 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, 2006 to date
	release begin 1200	release end 2400	spill begin 0800	release begin 1500	beginning 0800	beginning 0800	beginning 0800		
July 24	110	132	69	50	495	0	100	403	
25	115	163	68	67	495	0	97	407	
26	125	200	51	70	407	0	28	407	
27	124	200	41	68	495	0	132	411	
28	105	200	79	60	495	0	140	415	
29	83	200	161	60	495	0	99	418	
30	65	200	219	61	495	0	95	421	

Pepacton Reservoir (P):	Available storage July 31, 2006 (0800) Spillway crest elevation 1,280.00 ft.	134.426 billion gals. 95.9 % (elev. 1,276.84 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage July 31, 2006 (0800) Spillway crest elevation 1,150.00 ft.	96.719 billion gals. 101.1 % (elev. 1,150.63 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage July 31, 2006 (0800) Spillway crest elevation 1,440.00 ft.	31.639 billion gals. 90.5 % (elev. 1,433.13 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage July 31, 2006 (0800) Combined capacity at spillway level.	262.784 billion gals. 97.0 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage July 30, 2006 (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 <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.
	July 24	0	170	317	42	15	0	2,696	3,240	0	0	0
25	0	105	159	67	511	92	2,246	3,180	0	0	0	2.55
26	0	162	204	77	643	160	1,844	3,090	0	0	0	2.55
27	0	170	252	104	517	152	1,685	2,880	0	0	.01	2.56
28	0	178	309	108	453	181	1,681	2,910	0	0	.13	2.69
29	0	193	309	105	568	35	1,670	2,880	0	0	.44	3.13
30	281	192	309	93	150	0	1,796	2,540	281	281	.03	3.16

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

2. Includes conservation release of 100 cfs from Rio Reservoir and spill from Cannonsville Reservoir.

3. The excess-release quantity for the seasonal period beginning June 15, 2006 is 11,418 cfs-days. Unless banked or release suspended by the Decree Parties, 5,718 cfs-days are to be released to the lower basin. A total of 5,700 cfs-days are to be used for an upper basin habitat protection bank per DRBC Docket No. D-77-20 CP, Revision 7.

Diversion by New Jersey through the Delaware and Raritan Canal July 24 - 30, 2006 averaged 99.3 mgd. The average diversion for the 30-day period ending July 30, 2006 was 98.8 mgd and the maximum diversion during the period was 103 mgd on July 4, 2006.

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Summary river data for July 31 to August 6, 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, 2006 to date
	release begin 1200	release end 2400	spill begin 0800	release begin 1500	beginning 0800	beginning 0800	beginning 0800		
July 31	101	281	197	111	495	0	25	422	
Aug. 1	118	370	115	130	495	0	143	426	
2	97	428	79	83	495	10	131	429	
3	90	390	37	70	495	0	274	435	
4	99	310	25	70	495	0	267	440	
5	101	246	17	70	495	0	246	444	
6	110	281	5	70	495	0	300	449	

Pepacton Reservoir (P):	Available storage Aug. 7, 2006 (0800) Spillway crest elevation 1,280.00 ft.	131.755 billion gals. 94.0 % (elev. 1,275.35 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Aug. 7, 2006 (0800) Spillway crest elevation 1,150.00 ft.	95.706 billion gals. 100.0 % (elev. 1,150.00 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Aug. 7, 2006 (0800) Spillway crest elevation 1,440.00 ft.	29.923 billion gals. 85.6 % (elev. 1,429.40 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Aug. 7, 2006 (0800) Combined capacity at spillway level.	257.384 billion gals. 95.0 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Aug. 6, 2006 (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 <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.
	July 31	380	162	309	93	270	60	1,836	2,730	380	661	0
Aug. 1	0	128	309	94	722	124	1,783	3,160	0	661	0	0
2	0	101	435	172	342	202	1,678	2,930	0	661	0	0
3	0	156	572	201	246	309	1,436	2,920	0	661	0	0
4	0	183	662	128	258	163	1,276	2,670	50	711	.25	.25
5	0	150	603	108	375	0	1,194	2,430	50	761	0	.25
6	586	139	480	108	0	0	1,083	1,810	50	811	0	.25

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

2. Includes conservation release of 100 cfs from Rio Reservoir and spill from Cannonsville Reservoir.

3. The excess-release quantity for the seasonal period beginning June 15, 2006 is 11,418 cfs-days. Unless banked or release suspended by the Decree Parties, 5,718 cfs-days are to be released to the lower basin. A total of 5,700 cfs-days are to be used for an upper basin habitat protection bank per DRBC Docket No. D-77-20 CP, Revision 7.

Diversion by New Jersey through the Delaware and Raritan Canal July 31 - Aug. 6, 2006 averaged 99.9 mgd. The average diversion for the 30-day period ending August 6, 2006 was 98.8 mgd and the maximum diversion during the period was 105 mgd on August 2, 2006.