

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA.

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

Summary river data for November 6 - 12, 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	
Nov. 6	452	0	646	336	124	0	0	261	475
7	452	0	647	233	125	0	0	261	474
8	452	0	646	194	37	0	0	261	472
9	452	0	647	261	63	0	0	261	471
10	452	0	647	256	123	0	0	261	470
11	452	0	647	240	123	0	0	17	467
12	452	4	646	212	123	0	0	0	464

Pepacton Reservoir (P):	Available storage Nov. 13, 2006 (0800) Spillway crest elevation 1,280.00 ft.	140.209 billion gals. 100.0 % (elev. 1,280.01 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Nov. 13, 2006 (0800) Spillway crest elevation 1,150.00 ft.	96.655 billion gals. 101.0 % (elev. 1,150.59 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Nov. 13, 2006 (0800) Spillway crest elevation 1,440.00 ft.	33.813 billion gals. 96.8 % (elev. 1,437.70 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Nov. 13, 2006 (0800) Combined capacity at spillway level.	270.677 billion gals. 99.9 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Nov. 12, 2006 (2400) Spillway crest elevation 1,190.00 ft.	17.138 billion gals. 48.3 % (elev. 1,180.0 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	Precipitation (inches)	
	Directed release <sup>1</sup>	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			Daily	Cumul.
	Nov. 6	0	699	809	192	0	316	6,154	8,170	0
7	0	699	962	192	0	298	5,339	7,490	0	.43
8	0	699	999	192	0	426	5,694	8,010	.12	.55
9	0	699	1,001	193	0	649	13,358	15,900	1.03	1.58
10	0	699	999	57	0	741	11,304	13,800	0	1.58
11	0	699	1,001	97	2	741	8,860	11,400	0	1.58
12	0	699	1,001	190	4	741	7,565	10,200	.02	1.60

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

2. Includes conservation release of 60 cfs from Rio Reservoir.

Diversions by New Jersey through the Delaware and Raritan Canal November 6 - 12, 2006 averaged 67.2 mgd. The average diversion for the 30-day period ending November 12, 2006 was 79.0 mgd and the maximum diversion during the period was 92 mg on October 16 and November 7, 2006.

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Summary river data for November 13 - 19, 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	
Nov. 13	452	23	646	200	123	0	0	0	0	461
14	452	69	646	180	123	0	0	0	0	459
15	452	87	646	156	123	0	0	0	0	456
16	448	424	642	612	45	6	0	0	0	453
17	277	1,173	217	2,154	16	529	0	0	0	450
18	262	1,118	29	2,211	16	544	0	0	0	448
19	439	866	29	1,896	16	446	0	0	0	445

Pepacton Reservoir (P):	Available storage Nov. 20, 2006 (0800) Spillway crest elevation 1,280.00 ft.	141.301 billion gals. 100.8 % (elev. 1,280.60 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Nov. 20, 2006 (0800) Spillway crest elevation 1,150.00 ft.	99.360 billion gals. 103.8 % (elev. 1,152.27 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Nov. 20, 2006 (0800) Spillway crest elevation 1,440.00 ft.	35.194 billion gals. 100.7 % (elev. 1,440.51 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Nov. 20, 2006 (0800) Combined capacity at spillway level.	275.855 billion gals. 101.9 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Nov. 19, 2006 (2400) Spillway crest elevation 1,190.00 ft.	23.760 billion gals. 67.0 % (elev. 1,183.7 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	Precipitation (inches)	
	Directed release <sup>1</sup>	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			Daily	Cumul.
	Nov. 13	0	699	1,001	190	14	730	6,856	9,490	.11
14	0	699	1,001	190	0	720	6,650	9,260	.07	1.78
15	0	699	999	190	0	709	6,563	9,160	.02	1.80
16	0	699	999	190	30	344	6,198	8,460	.06	1.86
17	0	699	999	190	56	681	26,575	29,200	1.68	3.54
18	0	699	993	70	757	355	26,026	28,900	0	3.54
19	0	693	336	25	829	727	18,790	21,400	0	3.54

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

2. Includes conservation release of 60 cfs from Rio Reservoir.

Diversions by New Jersey through the Delaware and Raritan Canal November 13 - 19, 2006 averaged 82.3 mgd. The average diversion for the 30-day period ending November 19, 2006 was 77.8 mgd and the maximum diversion during the period was 92 mgd on November 7, 2006.

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Summary river data for November 20 - 26, 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	
Nov. 20	452	583	29	1,563	16	290	0	0	0	443
21	452	387	29	1,293	72	263	0	0	0	440
22	452	265	105	1,097	102	80	0	0	239	439
23	452	316	252	1,005	123	0	0	0	262	438
24	452	295	376	894	123	0	0	0	262	437
25	452	217	517	674	123	0	0	0	261	436
26	452	157	647	477	123	0	0	0	261	435

Pepacton Reservoir (P):	Available storage Nov. 27, 2006 (0800) Spillway crest elevation 1,280.00 ft.	140.560 billion gals. 100.3 % (elev. 1,280.20 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Nov. 27, 2006 (0800) Spillway crest elevation 1,150.00 ft.	97.170 billion gals. 101.5 % (elev. 1,150.91 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Nov. 27, 2006 (0800) Spillway crest elevation 1,440.00 ft.	34.189 billion gals. 97.8 % (elev. 1,438.47 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Nov. 27, 2006 (0800) Combined capacity at spillway level.	271.919 billion gals. 100.4 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Nov. 26, 2006 (2400) Spillway crest elevation 1,190.00 ft.	24.307 billion gals. 68.6 % (elev. 1,184.0 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	Precipitation (inches)	
	Directed release <sup>1</sup>	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			Daily	Cumul.
	Nov. 20	0	429	45	25	829	738	15,434	17,500	0
21	0	405	45	25	829	695	12,601	14,600	0	3.54
22	0	679	45	25	829	482	10,140	12,200	0	3.54
23	0	699	45	111	829	521	9,695	11,900	.43	3.97
24	0	699	162	158	815	535	12,431	14,800	.34	4.31
25	0	699	390	190	795	486	10,240	12,800	0	4.31
26	0	699	582	190	829	401	8,599	11,300	0	4.31

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

2. Includes conservation release of 60 cfs from Rio Reservoir.

Diversions by New Jersey through the Delaware and Raritan Canal November 20 - 26, 2006 averaged 78.7 mgd. The average diversion for the 30-day period ending November 26, 2006 was 76.4 mgd and the maximum diversion during the period was 94 mgd on November 22, 2006.

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Summary river data for November 27 - December 3, 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	
Nov. 27	442	112	647	327	123	0	0	261	434
28	117	110	646	226	123	0	0	261	433
29	33	197	645	158	123	0	0	261	432
30	452	245	645	109	123	0	0	261	431
Dec. 1	452	410	645	102	123	0	0	261	430
2	452	616	645	156	118	0	0	261	429
3	452	458	645	148	88	0	0	261	428

Pepacton Reservoir (P):	Available storage Dec. 4, 2006 (0800) Spillway crest elevation 1,280.00 ft.	140.950 billion gals. 100.5 % (elev. 1,280.41 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Dec. 4, 2006 (0800) Spillway crest elevation 1,150.00 ft.	96.398 billion gals. 100.7 % (elev. 1,150.43 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Dec. 4, 2006 (0800) Spillway crest elevation 1,440.00 ft.	32.885 billion gals. 94.1 % (elev. 1,435.77 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Dec. 4, 2006 (0800) Combined capacity at spillway level.	270.233 billion gals. 99.8 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Dec. 3, 2006 (2400) Spillway crest elevation 1,190.00 ft.	23.577 billion gals. 66.5 % (elev. 1,183.6 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	Precipitation (inches)	
	Directed release <sup>1</sup>	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			Daily	Cumul.
	Nov. 27	0	699	800	190	829	401	7,481	10,400	0
28	0	699	1,001	190	829	443	6,388	9,550	0	4.31
29	0	699	1,001	190	829	507	5,574	8,800	0	4.31
30	0	684	999	190	829	504	4,704	7,910	0	4.31
Dec. 1	0	181	998	190	908	433	4,910	7,620	.03	.03
2	0	51	998	190	782	387	7,512	9,920	.68	.71
3	0	699	998	190	908	387	7,918	11,100	0	.71

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

2. Includes conservation release of 60 cfs from Rio Reservoir.

Diversion by New Jersey through the Delaware and Raritan Canal November 27 - December 3, 2006 averaged 81.6 mgd. The average diversion for the 30-day period ending December 3, 2006 was 77.8 mgd and the maximum diversion during the period was 94 mgd on November 22, 2006.