

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA.
Web address: <http://water.usgs.gov/orh/nrwww/public/odrm>
 Summary river data for October 1-7, 2001 (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, 2001 to date
	release begin 1200	release end 2400	release begin 1500	beginning 0800	beginning 0800	beginning 0800	
Oct. 1	29	584	16	496	209	0	705
2	29	578	16	300	129	1	703
3	29	631	16	498	215	178	704
4	29	712	16	499	214	183	706
5	29	775	16	498	213	209	707
6	29	776	16	498	1	258	708
7	29	764	16	497	0	259	708

Pepacton Reservoir (P):	Available storage October 8, 2001 (0800) Spillway crest elevation 1,280.00 ft.	86.208 billion gals. 61.5% (elev. 1,247.00 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage October 8, 2001 (0800) Spillway crest elevation 1,150.00 ft.	27.945 billion gals. 29.2% (elev. 1,094.19 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage October 8, 2001 (0800) Spillway crest elevation 1,440.00 ft.	17.574 billion gals. 50.3% (elev. 1,398.38 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage October 8, 2001 (0800) Combined capacity at spillway level	131.727 billion gals. 48.6% 270.837 billion gallons.
Lake Wallenpaupack:	Available storage October 7, 2001 (2400) Spillway crest elevation 1,190.00 ft.	15.554 billion gals. 43.9% (elev. 1,179.1 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 ²	Total Discharge	Excess Release Credits ³		Precipitation (inches)	
	Directed release ¹	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			Daily	Cumul.	Daily	Cumul.
	Oct. 1	835	70	715	53	0	0	782	1,620	-130	4,414	0
2	832	70	719	45	106	0	730	1,670	-80	4,334	0	0
3	995	65	903	25	130	103	594	1,820	70	4,404	0	0
4	964	45	894	25	135	82	589	1,770	20	4,424	0	0
5	1,047	45	976	25	126	64	524	1,760	10	4,434	0	0
6	1,176	45	1,101	25	113	0	626	1,910	160	4,594	.06	.06
7	1,266	45	1,199	25	0	0	451	1,720	-30	4,564	.09	.15

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, 2001 equals 11,418 cfs-days. One-half to be released under normal conditions and one-half is set aside for the fisheries protection program per DRBC Docket No. D-77-20 CP, Revision 4.
- Diversions by New Jersey through the D & R Canal October 1-7, 2001, averaged 100 mgd. The average diversion for the 30-day period ending October 7, 2001, is unavailable.

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA.
Web address: <http://water.usgs.gov/orh/nrwww/public/odrm>
 Summary river data for October 8-14, 2001 (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, 2001 to date
	release begin 1200	release end 2400	release begin 1500	beginning 0800	beginning 0800	beginning 0800	
Oct. 8	29	807	16	496	0	261	709
9	29	874	16	498	0	262	709
10	29	895	16	498	0	258	709
11	29	874	16	498	0	263	710
12	29	864	16	498	0	239	710
13	29	774	16	392	0	1	708
14	29	858	16	390	0	1	705

Pepacton Reservoir (P):	Available storage October 15, 2001 (0800) Spillway crest elevation 1,280.00 ft.	82.997 billion gals. 59.2% (elev. 1,244.72 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage October 15, 2001 (0800) Spillway crest elevation 1,150.00 ft.	22.322 billion gals. 23.3% (elev. 1,087.34 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage October 15, 2001 (0800) Spillway crest elevation 1,440.00 ft.	16.420 billion gals. 47.0% (elev. 1,394.98 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage October 15, 2001 (0800) Combined capacity at spillway level	121.739 billion gals. 44.9% 270.837 billion gallons.
Lake Wallenpaupack:	Available storage October 14, 2001 (2400) Spillway crest elevation 1,190.00 ft.	15.730 billion gals. 44.4% (elev. 1,179.2 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 ²	Total Discharge	Excess Release Credits ³		Precipitation (inches)	
	Directed release ¹	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			Daily	Cumul.	Daily	Cumul.
	Oct. 8	1,272	45	1,200	25	34	0	376	1,680	-70	4,494	0
9	1,253	45	1,182	25	80	103	395	1,830	80	4,574	0	.15
10	1,316	45	1,248	25	0	0	382	1,700	-50	4,524	0	.15
11	1,425	45	1,352	25	0	0	368	1,790	40	4,564	0	.15
12	1,455	45	1,385	25	0	0	365	1,820	70	4,634	0	.15
13	1,421	45	1,352	25	0	89	379	1,890	140	4,774	0	.15
14	1,405	45	1,337	25	0	0	353	1,760	10	4,784	0	.15

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, 2001 equals 11,418 cfs-days. One-half to be released under normal conditions and one-half is set aside for the fisheries protection program per DRBC Docket No. D-77-20 CP, Revision 4.
- Diversions by New Jersey through the D & R Canal October 8-14, 2001, are unavailable. The average diversion for the 30-day period ending October 14, 2001, is unavailable.

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Summary river data for October 15-21, 2001 (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, 2001 to date
	release begin 1200	release end 2400	release begin 1500	beginning 0800	beginning 0800	beginning 0800	
Oct. 15	29	833	16	395	0	0	703
16	29	877	16	347	0	0	700
17	29	803	16	395	0	0	698
18	29	790	16	514	0	274	699
19	29	803	16	477	0	330	700
20	29	844	16	448	0	1	698
21	29	852	16	448	0	0	696

Pepacton Reservoir (P):	Available storage October 22, 2001 (0800) Spillway crest elevation 1,280.00 ft.	80.028 billion gals. 57.1% (elev. 1,242.57 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage October 22, 2001 (0800) Spillway crest elevation 1,150.00 ft.	17.172 billion gals. 17.9% (elev. 1,080.25 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage October 22, 2001 (0800) Spillway crest elevation 1,440.00 ft.	15.854 billion gals. 45.4% (elev. 1,393.26 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage October 22, 2001 (0800) Combined capacity at spillway level	113.054 billion gals. 41.7% 270.837 billion gallons.
Lake Wallenpaupack:	Available storage October 21, 2001 (2400) Spillway crest elevation 1,190.00 ft.	15.554 billion gals. 43.9% (elev. 1,179.1 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 ²	Total Discharge	Excess Release Credits ³		Precipitation (inches)	
	Directed release ¹	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			Daily	Cumul.	Daily	Cumul.
	Oct. 15	1,268	45	1,197	25	0	0	473	1,740	-10	4,774	.49
16	1,398	45	1,327	25	0	0	453	1,850	100	4,874	.01	.65
17	1,360	45	1,289	25	0	0	511	1,870	120	4,994	.18	.83
18	1,427	45	1,357	25	0	0	453	1,880	130	5,124	.01	.84
19	1,312	45	1,242	25	0	0	468	1,780	30	5,154	0	.84
20	1,292	45	1,222	25	0	0	468	1,760	10	5,164	0	.84
21	1,314	45	1,242	25	0	0	418	1,730	-20	5,144	0	.84

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, 2001 equals 11,418 cfs-days. One-half to be released under normal conditions and one-half is set aside for the fisheries protection program per DRBC Docket No. D-77-20 CP, Revision 4.

Diversions by New Jersey through the D & R Canal October 15-21, 2001, averaged 87.7 mgd. The average diversion for the 30-day period ending October 21, 2001, was 97.4 mgd and the maximum diversion during the period was 105 mg on September 30, 2001.

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Summary river data for October 22-28, 2001 (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, 2001 to date
	release begin 1200	release end 2400	release begin 1500	beginning 0800	beginning 0800	beginning 0800	
Oct. 22	29	855	16	507	99	336	698
23	29	807	16	514	102	343	700
24	29	880	16	514	101	342	701
25	29	827	16	517	101	345	703
26	29	764	16	517	0	344	704
27	30	837	17	538	0	357	706
28	29	847	16	516	0	344	707

Pepacton Reservoir (P):	Available storage October 29, 2001 (0800) Spillway crest elevation 1,280.00 ft.	76.662 billion gals. 54.71% (elev. 1,240.08 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage October 29, 2001 (0800) Spillway crest elevation 1,150.00 ft.	11.475 billion gals. 12.0% (elev. 1,071.00 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage October 29, 2001 (0800) Spillway crest elevation 1,440.00 ft.	13.607 billion gals. 38.9% (elev. 1,386.12 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage October 29, 2001 (0800) Combined capacity at spillway level	101.744 billion gals. 37.6% 270.837 billion gallons.
Lake Wallenpaupack:	Available storage October 28, 2001 (2400) Spillway crest elevation 1,190.00 ft.	15.554 billion gals. 43.9% (elev. 1,179.1 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 ²	Total Discharge	Excess Release Credits ³		Precipitation (inches)	
	Directed release ¹	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			Daily	Cumul.	Daily	Cumul.
	Oct. 22	1,374	45	1,306	25	0	0	364	1,740	-10	5,134	0
23	1,388	45	1,318	25	0	0	362	1,750	0	5,134	.03	.87
24	1,394	45	1,323	25	0	0	337	1,730	-20	5,114	.29	1.16
25	1,319	45	1,248	25	0	0	522	1,840	90	5,204	.01	1.17
26	1,431	45	1,361	25	0	0	499	1,930	180	5,384	0	1.17
27	1,351	45	1,279	25	0	50	431	1,830	80	5,464	0	1.17
28	1,252	45	1,182	25	0	67	431	1,750	0	5,464	.01	1.18

1. Release directed to maintain a flow at Montague of 1,800 cfs.
2. Includes conservation release of 60 cfs from Rio Reservoir.
3. The excess-release quantity for the seasonal period beginning June 15, 2001 equals 11,418 cfs-days. One-half to be released under normal conditions and one-half is set aside for the fisheries protection program per DRBC Docket No. D-77-20 CP, Revision 4.

Diversions by New Jersey through the D & R Canal October 22-28, 2001, averaged 95.9 mgd. The average diversion for the 30-day period ending October 28, 2001, was 96.8 mgd and the maximum diversion during the period was 105 mg on September 30, 2001.

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 Summary river data for October 29 to November 4, 2001 (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 Oct. 29 or Nov. 4 to date
	release begin 1200	release end 2400	release begin 1500	beginning 0800	beginning 0800	beginning 0800	
Oct. 29	232	863	16	498	0	31	529
30	233	572	16	497	0	218	622
31	232	552	16	497	0	215	652
Nov. 1	231	555	16	496	0	218	668
2	231	531	16	496	0	201	673
3	231	470	16	496	0	221	681
4	230	491	16	496	0	0	496

Pepacton Reservoir (P):	Available storage November 5, 2001 (0800) Spillway crest elevation 1,280.00 ft.	72.033 billion gals. 51.4% (elev. 1,236.55 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage November 5, 2001 (0800) Spillway crest elevation 1,150.00 ft.	7.950 billion gals. 8.3% (elev. 1,064.06 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage November 5, 2001 (0800) Spillway crest elevation 1,440.00 ft.	12.560 billion gals. 35.9% (elev. 1,382.58 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage November 5, 2001 (0800) Combined capacity at spillway level	92.543 billion gals. 34.2% 270.837 billion gallons.
Lake Wallenpaupack:	Available storage November 4, 2001 (2400) Spillway crest elevation 1,190.00 ft.	15.554 billion gals. 43.9% (elev. 1,179.1 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 ²	Total Discharge	Excess Release Credits ³		Precipitation (inches)	
	Directed release ¹	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			Daily	Cumul.	Daily	Cumul.
	Oct. 29	1,366	45	1,295	26	0	0	444	1,810	60	5,524	0
30	1,383	46	1,310	25	0	0	409	1,790	40	5,564	0	1.18
31	1,407	45	1,335	25	0	0	385	1,790	40	5,604	0	1.18
Nov. 1	1,267	359	885	25	0	0	381	1,650			0	0
2	1,240	360	854	25	0	32	439	1,710			0	0
3	1,246	359	859	25	0	67	450	1,760			.05	.05
4	1,207	357	821	25	0	0	477	1,680			0	.05

1. Release directed to maintain a flow at Montague of 1,800 cfs, Oct. 29-31 (normal conditions) and 1,655 cfs, Nov. 1-4 (drought watch conditions).
2. Includes conservation release of 60 cfs from Rio Reservoir.
3. The excess-release quantity for the seasonal period beginning June 15, 2001 is 11,418 cfs-days. A total of 5,604 cfs-days was released through October 31. A total of 5,709 cfs-days is available for release for fisheries protection during drought warning, per DRBC Docket No. D-77-20 CP, Revision 4.
 Diversions by New Jersey through the D & R Canal October 29 to November 3, 2001, averaged 95.0 mgd. The average diversion for the 30-day period ending November 3, 2001, was 95.4 mgd and the maximum diversion during the period was 103 mg on October 11, 2001.