

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA.

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

Summary river data for September 3-9, 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	
Sept. 3	44	587	34	448	105	0	663
4	44	608	34	448	141	165	664
5	45	763	34	448	136	151	665
6	45	614	34	447	117	186	666
7	45	917	34	499	125	204	667
8	45	877	34	499	123	206	669
9	45	662	34	499	123	210	670

Pepacton Reservoir (P):	Available storage September 10, 2001 (0800) Spillway crest elevation 1,280.00 ft.	98.245 billion gals. 70.1% (elev. 1,255.14 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage September 10, 2001 (0800) Spillway crest elevation 1,150.00 ft.	46.112 billion gals. 48.2% (elev. 1,112.37 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage September 10, 2001 (0800) Spillway crest elevation 1,440.00 ft.	21.253 billion gals. 60.8% (elev. 1,408.52 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage September 10, 2001 (0800) Combined capacity at spillway level	165.610 billion gals. 61.1% 270.837 billion gallons.
Lake Wallenpaupack:	Available storage September 9, 2001 (2400) Spillway crest elevation 1,190.00 ft.	18.546 billion gals. 54.8% (elev. 1,180.8 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 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.
	Sept. 3	1,299	90	1,174	53	0	0	393	1,710	-40	2,404	0
4	1,125	70	1,256	53	0	0	361	1,740	-10	2,394	0	.57
5	1,318	70	908	53	355	43	381	1,810	60	2,454	.36	.93
6	1,409	68	941	53	193	0	525	1,780	30	2,484	0	.93
7	1,415	68	1,180	53	476	0	463	2,240	490	2,974	0	.93
8	1,555	70	950	53	450	0	467	1,990	240	3,214	0	.93
9	1,431	70	1,419	53	0	0	358	1,900	150	3,364	0	.93

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.

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA.
Web address: <http://water.usgs.gov/orh/nrwww/public/odrm>
 Summary river data for September 10-16, 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	
Sept. 10	45	668	34	499	79	207	672
11	45	669	34	499	16	199	672
12	45	601	34	498	90	204	673
13	45	546	34	460	125	199	674
14	45	774	34	299	0	13	671
15	45	824	34	497	133	196	672
16	45	672	34	497	70	308	674

Pepacton Reservoir (P):	Available storage September 17, 2001 (0800) Spillway crest elevation 1,280.00 ft.	95.040 billion gals. 67.8% (elev. 1,253.03 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage September 17, 2001 (0800) Spillway crest elevation 1,150.00 ft.	41.312 billion gals. 43.2% (elev. 1,107.94 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage September 17, 2001 (0800) Spillway crest elevation 1,440.00 ft.	19.942 billion gals. 57.1% (elev. 1,405.02 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage September 17, 2001 (0800) Combined capacity at spillway level	156.294 billion gals. 57.7% 270.837 billion gallons.
Lake Wallenpaupack:	Available storage September 16, 2001 (2400) Spillway crest elevation 1,190.00 ft.	16.610 billion gals. 46.9% (elev. 1,179.7 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 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.
	Sept. 10	1,481	70	1,357	53	0	89	321	1,890	140	3,504	0
11	1,145	70	1,024	53	320	46	387	1,900	150	3,654	.20	1.13
12	1,156	70	1,033	53	354	0	380	1,890	140	3,794	0	1.13
13	1,159	70	1,035	53	292	0	310	1,760	10	3,804	0	1.13
14	1,052	70	930	53	276	57	474	1,860	110	3,914	.67	1.80
15	967	70	845	53	426	78	538	2,010	260	4,174	.04	1.84
16	1,321	70	1,197	53	0	0	510	1,830	80	4,254	.01	1.85

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 September 10-16, 2001, are unavailable. The average diversion for the 30-day period ending September 11, 2001, was 97.7 mgd and the maximum diversion during the period was 104 mgd on August 15, 2001.

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA.
Web address: <http://water.usgs.gov/orh/nrwww/public/odrm>
 Summary river data for September 17-23, 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	
Sept. 17	45	661	34	498	290	215	676
18	45	657	34	498	297	236	680
19	45	694	34	498	296	230	683
20	45	676	34	498	296	237	686
21	45	445	34	498	297	200	689
22	45	463	34	497	296	206	691
23	45	29	34	497	297	196	694

Pepacton Reservoir (P):	Available storage September 24, 2001 (0800) Spillway crest elevation 1,280.00 ft.	91.806 billion gals. 65.5% (elev. 1,250.86 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage September 24, 2001 (0800) Spillway crest elevation 1,150.00 ft.	36.092 billion gals. 37.7% (elev. 1,102.85 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage September 24, 2001 (0800) Spillway crest elevation 1,440.00 ft.	18.643 billion gals. 53.4% (elev. 1,401.43 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage September 24, 2001 (0800) Combined capacity at spillway level	146.541 billion gals. 54.1% 270.837 billion gallons.
Lake Wallenpaupack:	Available storage September 23, 2001 (2400) Spillway crest elevation 1,190.00 ft.	15.906 billion gals. 44.9% (elev. 1,179.3 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 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.
	Sept. 17	1,404	70	1,275	53	0	0	352	1,750	0	4,254	0
18	1,161	70	1,040	53	259	0	378	1,800	50	4,304	0	1.85
19	1,145	70	1,023	53	243	0	441	1,760	10	4,314	0	1.85
20	1,139	70	1,016	53	271	0	390	1,800	50	4,364	.03	1.88
21	1,196	70	1,074	53	276	82	815	2,370	620	4,984	1.22	3.10
22	1,169	70	1,046	53	248	50	863	2,330	580	5,564	0	3.10
23	811	70	688	53	0	50	899	1,760	10	5,574	0	3.10

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 September 17-23, 2001, averaged 101 mgd. The average diversion for the 30-day period ending September 23, 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 September 24-30, 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	
Sept. 24	45	29	34	497	297	200	697
25	45	29	34	498	297	205	699
26	45	29	34	497	298	207	702
27	45	29	34	497	297	202	704
28	45	250	34	497	297	0	705
29	45	462	34	497	210	0	705
30	42	465	29	497	209	0	705

Pepacton Reservoir (P):	Available storage October 1, 2001 (0800) Spillway crest elevation 1,280.00 ft.	89.199 billion gals. 63.6% (elev. 1,249.08 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage October 1, 2001 (0800) Spillway crest elevation 1,150.00 ft.	33.368 billion gals. 34.9% (elev. 1,100.10 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage October 1, 2001 (0800) Spillway crest elevation 1,440.00 ft.	18.544 billion gals. 53.1% (elev. 1,401.15 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage October 1, 2001 (0800) Combined capacity at spillway level	141.111 billion gals. 52.1% 270.837 billion gallons.
Lake Wallenpaupack:	Available storage September 30, 2001 (2400) Spillway crest elevation 1,190.00 ft.	15.906 billion gals. 44.9% (elev. 1,179.3 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 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.
	Sept. 24	838	70	716	53	2	0	579	1,420	-330	5,244	0
25	0	70	45	53	176	67	1,219	1,630	-120	5,124	1.76	4.86
26	0	70	45	53	186	96	1,720	2,170	0	5,124	.04	4.90
27	0	70	45	53	2	67	2,423	2,660	0	5,124	0	4.90
28	0	70	45	53	215	82	1,515	1,980	0	5,124	.26	5.16
29	0	70	45	53	211	0	1,201	1,580	-170	4,954	.15	5.31
30	509	70	387	53	0	64	766	1,340	-410	4,544	0	5.31

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 September 24-30, 2001, averaged 100 mgd. The average diversion for the 30-day period ending September 30, 2001, is unavailable.