

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA.

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

Summary river data for June 25 - July 1, 2012 (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, 2012 to date
	release begin 1200	release end 2400	release begin 1500	beginning 0800	beginning 0800	beginning 0800	
June 25	91	324	71	451	0	200	634
26	91	322	71	451	0	199	634
27	90	323	71	451	0	218	636
28	91	323	71	190	267	206	636
29	91	388	71	303	298	327	647
30	91	453	71	449	298	200	657
July 1	91	451	71	295	298	200	661

Pepacton Reservoir (P):	Available storage July 2, 2012 (0800) Spillway crest elevation 1,280.00 ft.	131.274 billion gals. 93.6 % (elev. 1,275.08 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage July 2, 2012 (0800) Spillway crest elevation 1,150.00 ft.	86.323 billion gals. 90.2 % (elev. 1,143.77 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage July 2, 2012 (0800) Spillway crest elevation 1,440.00 ft.	31.285 billion gals. 89.5 % (elev. 1,432.37 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage July 2, 2012 (0800) Combined capacity at spillway level.	248.882 billion gals. 91.9 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage July 1, 2012 (2400) Spillway crest elevation 1,190.00 ft.	25.950 billion gals. 73.2 % (elev. 1,184.9 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	Precipitation (inches)	
	Directed release ¹	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			Daily	Cumul.
	June 25	0	141	501	110	262	0	1,456	2,470	.30
26	0	141	501	110	6	0	1,522	2,280	.12	3.15
27	0	141	501	110	8	0	1,400	2,160	0	3.15
28	0	141	498	110	66	0	1,265	2,080	0	3.15
29	0	141	500	110	182	106	1,221	2,260	.03	3.18
30	0	139	500	110	298	71	1,082	2,200	0	3.18
July 1	850	141	600	110	277	0	1,122	2,250	0	0

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

2. Includes conservation release of 100 cfs from Rio Reservoir.

Diversions by New Jersey through the D&R Canal June 25 - July 1, 2012, averaged 89.7 mgd. The average diversion for the period ending July 1, 2012, and the maximum diversion during the period, are currently unavailable.

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Summary river data for July 2 - 8, 2012 (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, 2012 to date
	release begin 1200	release end 2400	release begin 1500	beginning 0800	beginning 0800	beginning 0800	
July 2	91	387	71	0	298	200	656
3	91	388	71	0	298	199	651
4	91	387	71	0	297	200	647
5	91	388	71	0	297	204	642
6	91	461	71	0	297	205	638
7	91	472	71	0	300	205	635
8	91	488	71	0	300	205	631

Pepacton Reservoir (P): Available storage July 9, 2012 (0800) 131.007 billion gals. 93.4 % (elev. 1,274.93 ft.)
 Spillway crest elevation 1,280.00 ft. 140.190 billion gallons.
 Cannonsville Reservoir (C): Available storage July 9, 2012 (0800) 81.582 billion gals. 85.2 % (elev. 1,140.49 ft.)
 Spillway crest elevation 1,150.00 ft. 95.706 billion gallons.
 Neversink Reservoir (N): Available storage July 9, 2012 (0800) 29.737 billion gals. 85.1 % (elev. 1,428.99 ft.)
 Spillway crest elevation 1,440.00 ft. 34.941 billion gallons.
 Combined contents, PCN: Available storage July 9, 2012 (0800) 242.326 billion gals. 89.5 %
 Combined capacity at spillway level. 270.837 billion gallons.
 Lake Wallenpaupack: Available storage July 8, 2012 (2400) 24.307 billion gals. 68.6 % (elev. 1,184.0 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 ²	Total Discharge	Precipitation	
	Directed release ¹	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			(inches)	
							Daily	Cumul.		
July 2	950	141	701	110	251	124	993	2,320	0	0
3	950	141	698	110	335	53	903	2,240	0	0
4	850	141	599	110	247	0	903	2,000	.05	.05
5	850	141	600	110	351	0	868	2,070	.01	.06
6	850	141	599	110	353	53	814	2,070	0	.06
7	850	141	600	110	518	71	750	2,190	0	.06
8	966	141	713	110	313	89	754	2,120	.14	.20

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 D&R Canal July 2 - 8, 2012, are currently unavailable.

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Summary river data for July 9 - 15, 2012 (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, 2012 to date
	release begin 1200	release end 2400	release begin 1500	beginning 0800	beginning 0800	beginning 0800	
July 9	91	485	71	0	300	335	632
10	185	451	71	0	300	399	633
11	123	321	71	0	299	399	635
12	155	322	71	0	299	399	636
13	155	322	71	0	299	402	638
14	132	331	71	0	248	344	637
15	90	331	71	0	299	399	638

Pepacton Reservoir (P):	Available storage July 16, 2012 (0800) Spillway crest elevation 1,280.00 ft.	130.226 billion gals. 92.9 % (elev. 1,274.49 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage July 16, 2012 (0800) Spillway crest elevation 1,150.00 ft.	77.462 billion gals. 80.9 % (elev. 1,137.53 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage July 16, 2012 (0800) Spillway crest elevation 1,440.00 ft.	27.090 billion gals. 77.5 % (elev. 1,422.96 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage July 16, 2012 (0800) Combined capacity at spillway level.	234.778 billion gals. 86.7 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage July 15, 2012 (2400) Spillway crest elevation 1,190.00 ft.	22.847 billion gals. 64.4 % (elev. 1,183.2 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	Precipitation (inches)	
	Directed release ¹	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			Daily	Cumul.
	July 9	980	141	730	110	323	89	827	2,220	0
10	1,000	141	755	110	270	160	724	2,160	0	.20
11	1,000	141	750	110	264	53	742	2,060	.02	.22
12	950	141	698	110	191	0	720	1,860	0	.22
13	900	286	497	110	625	0	642	2,160	0	.22
14	800	190	498	110	342	0	820	1,960	.01	.23
15	850	240	498	110	229	0	733	1,810	.01	.24

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 D&R Canal July 9 - 15, 2012, are currently unavailable.

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Summary river data for July 16 - 22, 2012 (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, 2012 to date
	release begin 1200	release end 2400	release begin 1500	beginning 0800	beginning 0800	beginning 0800	
July 16	91	324	71	0	299	406	640
17	91	324	71	0	299	437	642
18	91	324	71	0	299	428	643
19	91	322	69	0	298	375	644
20	91	281	65	0	417	238	644
21	91	315	65	0	469	205	645
22	91	259	65	325	468	34	648

Pepacton Reservoir (P):	Available storage July 23, 2012 (0800) Spillway crest elevation 1,280.00 ft.	129.448 billion gals. 92.3 % (elev. 1,274.05 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage July 23, 2012 (0800) Spillway crest elevation 1,150.00 ft.	73.040 billion gals. 76.3 % (elev. 1,134.30 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage July 23, 2012 (0800) Spillway crest elevation 1,440.00 ft.	24.887 billion gals. 71.2 % (elev. 1,417.71 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage July 23, 2012 (0800) Combined capacity at spillway level.	227.375 billion gals. 84.0 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage July 22, 2012 (2400) Spillway crest elevation 1,190.00 ft.	22.124 billion gals. 62.4 % (elev. 1,182.8 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	Precipitation (inches)	
	Directed release ¹	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			Daily	Cumul.
	July 16	860	240	512	110	222	0	896	1,980	1.16
17	825	204	512	110	214	0	1,270	2,310	0	1.40
18	665	139	501	110	204	35	1,171	2,160	0	1.40
19	750	141	501	110	121	0	927	1,800	.10	1.50
20	572	141	501	110	159	0	989	1,900	.65	2.15
21	581	141	498	107	266	106	1,292	2,410	.43	2.58
22	432	141	435	101	17	0	1,226	1,920	0	2.58

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 D&R Canal July 16 - 22, 2012, are currently unavailable.

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Summary river data for July 23 - 29, 2012 (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, 2012 to date
	release begin 1200	release end 2400	release begin 1500	beginning 0800	beginning 0800	beginning 0800	
July 23	91	260	65	512	174	71	650
24	91	297	65	512	199	139	654
25	91	255	65	511	199	0	655
26	91	211	64	481	42	0	653
27	91	212	64	511	0	0	650
28	91	212	64	511	0	0	648
29	91	212	65	511	0	0	646

Pepacton Reservoir (P):	Available storage July 30, 2012 (0800) Spillway crest elevation 1,280.00 ft.	126.482 billion gals. 90.2 % (elev. 1,272.36 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage July 30, 2012 (0800) Spillway crest elevation 1,150.00 ft.	71.503 billion gals. 74.7 % (elev. 1,133.14 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage July 30, 2012 (0800) Spillway crest elevation 1,440.00 ft.	24.817 billion gals. 71.0 % (elev. 1,417.54 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage July 30, 2012 (0800) Combined capacity at spillway level.	222.802 billion gals. 82.3 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage July 29, 2012 (2400) Spillway crest elevation 1,190.00 ft.	22.303 billion gals. 62.9 % (elev. 1,182.9 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	Precipitation (inches)	
	Directed release ¹	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			Daily	Cumul.
	July 23	725	141	487	101	89	0	1,066	1,880	.15
24	638	141	401	101	66	0	1,201	1,910	.90	3.63
25	638	141	402	101	51	0	1,445	2,140	.03	3.66
26	700	141	459	101	42	0	1,207	1,950	.34	4.00
27	639	141	394	101	104	0	1,590	2,330	.52	4.52
28	0	141	326	99	100	0	2,184	2,850	.02	4.54
29	0	141	328	99	49	0	2,373	2,990	.88	5.42

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 D&R Canal July 23 - 29, 2012, are currently unavailable.