

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA.

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

Summary river data for June 1 - 7, 2009 (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, 2009 to date	
	release begin 1200	spill begin 0800	release end 2400	spill begin 0800	release begin 1500	beginning 0800	beginning 0800	beginning 0800		
June 1	97	461	193	647	71	0	0	156	156	
2	97	368	210	568	71	0	0	216	186	
3	97	299	210	457	71	0	0	214	195	
4	97	185	210	380	71	399	0	211	299	
5	97	50	210	315	71	149	0	212	311	
6	97	38	210	257	71	377	0	218	359	
7	96	0	210	213	69	444	0	215	402	

Pepacton Reservoir (P):	Available storage June 8, 2009 (0800) Spillway crest elevation 1,280.00 ft.	139.914 billion gals. 99.8 % (elev. 1,279.85 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage June 8, 2009 (0800) Spillway crest elevation 1,150.00 ft.	96.607 billion gals. 100.9 % (elev. 1,150.56 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage June 8, 2009 (0800) Spillway crest elevation 1,440.00 ft.	33.809 billion gals. 96.8 % (elev. 1,437.69 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage June 8, 2009 (0800) Combined capacity at spillway level.	270.330 billion gals. 99.8 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage June 7, 2009 (2400) Spillway crest elevation 1,190.00 ft.	29.071 billion gals. 82.0 % (elev. 1,186.6 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.
	June 1	0	130	254	102	20	177	7,947	8,630	0
2	0	130	252	104	408	160	6,396	7,450	.04	.04
3	0	133	299	110	260	71	5,627	6,500	.01	.05
4	0	150	325	110	565	85	4,995	6,230	.09	.14
5	0	150	325	110	883	106	4,426	6,000	.01	.15
6	0	150	325	110	323	128	3,634	4,670	.05	.20
7	0	150	325	110	0	128	3,227	3,940	0	.20

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 1 - 7, 2009 averaged 90.0 mgd. The average diversion for the 30-day period ending June 7, 2009 was 91.9 mgd and the maximum diversion during the period was 96 mg on May 28 and 29, 2009.

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Summary river data for June 8 - 14, 2009 (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, 2009 to date
	release begin 1200	release end 2400	spill begin 0800	release begin 1500	beginning 0800	beginning 0800	beginning 0800	
June 8	90	210	177	65	450	0	426	461
9	90	209	181	65	451	0	1	460
10	90	209	192	65	450	0	0	459
11	90	209	177	65	450	0	0	458
12	90	210	176	65	450	0	0	457
13	91	211	196	65	449	0	0	457
14	91	211	284	66	449	0	0	456

Pepacton Reservoir (P): Available storage June 15, 2009 (0800) 139.969 billion gals. 99.8 % (elev. 1,279.88 ft.)  
 Spillway crest elevation 1,280.00 ft. 140.190 billion gallons.

Cannonsville Reservoir (C): Available storage June 15, 2009 (0800) 96.913 billion gals. 101.3 % (elev. 1,150.75 ft.)  
 Spillway crest elevation 1,150.00 ft. 95.706 billion gallons.

Neversink Reservoir (N): Available storage June 15, 2009 (0800) 34.394 billion gals. 98.4 % (elev. 1,438.89 ft.)  
 Spillway crest elevation 1,440.00 ft. 34.941 billion gallons.

Combined contents, PCN: Available storage June 15, 2009 (0800) 271.276 billion gals. 100.2 %  
 Combined capacity at spillway level. 270.837 billion gallons.

Lake Wallenpaupack: Available storage June 14, 2009 (2400) 29.257 billion gals. 82.5 % (elev. 1,186.7 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 <sup>2</sup>	Total Discharge	Precipitation	
	Directed release <sup>1</sup>	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			(inches)	
							Daily	Cumul.		
June 8	0	150	325	110	42	128	2,905	3,660	.01	.21
9	0	150	325	107	486	128	4,554	5,750	1.48	1.69
10	0	149	325	101	1,601	113	5,671	7,960	.24	1.93
11	0	139	323	101	1,296	113	4,468	6,440	.16	2.09
12	0	139	323	101	1,306	213	5,338	7,420	.75	2.84
13	0	139	323	101	546	184	5,207	6,500	.02	2.86
14	0	139	325	101	0	184	5,811	6,560	.53	3.39

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

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

Diversion by New Jersey through the D&R Canal June 8 - 14, 2009 averaged 84.3 mgd. The average diversion for the 30-day period ending June 14, 2009 was 90.2 mgd and the maximum diversion during the period was 96 mg on May 28 and 29, 2009.

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Summary river data for June 15 - 21, 2009 (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, 2009 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	
June 15	105	0	211	307	71	0	0	0	0	426
16	210	187	283	291	71	0	0	0	0	399
17	340	208	529	165	83	43	0	0	0	376
18	441	351	795	105	123	1,016	0	0	0	355
19	453	386	962	62	123	675	0	0	0	336
20	264	741	970	109	123	562	0	0	0	319
21	91	1,782	972	696	123	705	0	0	0	304

Pepacton Reservoir (P):	Available storage June 22, 2009 (0800) Spillway crest elevation 1,280.00 ft.	142.304 billion gals. 101.5 % (elev. 1,281.14 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage June 22, 2009 (0800) Spillway crest elevation 1,150.00 ft.	98.168 billion gals. 102.6 % (elev. 1,151.53 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage June 22, 2009 (0800) Spillway crest elevation 1,440.00 ft.	35.239 billion gals. 100.9 % (elev. 1,440.60 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage June 22, 2009 (0800) Combined capacity at spillway level.	275.711 billion gals. 101.8 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage June 21, 2009 (2400) Spillway crest elevation 1,190.00 ft.	28.143 billion gals. 79.4 % (elev. 1,186.1 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 <sup>2</sup>	Total Discharge	Precipitation (inches)	
	Directed release <sup>1</sup>	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			Daily	Cumul.
							June 15	0		
16	0	141	326	102	987	184	5,990	7,730	.34	3.91
17	0	141	326	110	987	142	5,574	7,280	0	3.91
18	0	162	438	110	1,229	287	8,274	10,500	.89	4.80
19	0	325	818	128	1,312	390	17,327	20,300	.47	5.27
20	0	526	1,230	190	909	603	13,042	16,500	.01	5.28
21	0	682	1,488	190	964	851	18,125	22,300	.93	6.21

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

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

Diversion by New Jersey through the D&R Canal June 15 - 21, 2009 averaged 80.7 mgd. The average diversion for the 30-day period ending June 21, 2009 was 87.6 mgd and the maximum diversion during the period was 96 mg on May 28 and 29, 2009.

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Summary river data for June 22 - 28, 2009 (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, 2009 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	
June 22	92	1,672	973	985	123	423	0	0	0	290
23	138	1,215	973	836	123	267	0	0	0	278
24	391	862	972	578	123	159	0	0	0	266
25	447	565	972	378	123	123	0	0	0	255
26	452	376	972	314	113	42	0	0	279	256
27	452	298	970	226	71	0	0	0	389	261
28	452	230	971	134	71	0	0	0	381	266

Pepacton Reservoir (P):	Available storage June 29, 2009 (0800) Spillway crest elevation 1,280.00 ft.	140.653 billion gals. 100.3 % (elev. 1,280.25 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage June 29, 2009 (0800) Spillway crest elevation 1,150.00 ft.	96.253 billion gals. 100.6 % (elev. 1,150.34 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage June 29, 2009 (0800) Spillway crest elevation 1,440.00 ft.	34.301 billion gals. 98.2 % (elev. 1,438.70 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage June 29, 2009 (0800) Combined capacity at spillway level.	271.207 billion gals. 100.1 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage June 28, 2009 (2400) Spillway crest elevation 1,190.00 ft.	24.672 billion gals. 69.6 % (elev. 1,184.2 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	Precipitation (inches)	
	Directed release <sup>1</sup>	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			Daily	Cumul.
	June 22	0	701	1,501	190	770	851	19,487	23,500	.07
23	0	408	1,504	190	855	780	15,363	19,100	0	6.28
24	0	141	1,505	190	530	656	12,078	15,100	.01	6.29
25	0	142	1,505	190	506	213	9,544	12,100	.05	6.34
26	0	213	1,504	190	692	230	8,371	11,200	.18	6.52
27	0	605	1,504	190	530	762	8,609	12,200	.46	6.98
28	0	692	1,504	175	517	851	7,261	11,000	.08	7.06

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

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

Diversion by New Jersey through the D&R Canal June 22 - 28, 2009 averaged 84.3 mgd. The average diversion for the 30-day period ending June 28, 2009 was 85.3 mgd and the maximum diversion during the period was 95 mgd on June 1, 2009.