

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA.

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

Summary river data for August 29 - September 4, 2011 (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, 2011 to date
	release begin 1200	spill begin 0800	release end 2400		release begin 1500	spill begin 0800	beginning 0800	beginning 0800	beginning 0800	
Aug. 29	49	6,590	400		54	1,167	0	0	0	534
30	49	2,949	457		123	507	0	0	0	528
31	59	1,785	677		123	275	0	0	0	523
Sept. 1	389	1,006	967		123	196	0	0	0	517
2	452	520	971		123	172	0	0	0	512
3	452	277	970		123	190	0	0	0	506
4	457	282	971		123	257	0	0	0	501

Pepacton Reservoir (P):	Available storage Sept. 5, 2011 (0800) Spillway crest elevation 1,280.00 ft.	141.264 billion gals. 100.8 % (elev. 1,280.58 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Sept. 5, 2011 (0800) Spillway crest elevation 1,150.00 ft.	94.079 billion gals. 98.3 % (elev. 1,148.93 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Sept. 5, 2011 (0800) Spillway crest elevation 1,440.00 ft.	35.160 billion gals. 100.6 % (elev. 1,440.44 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Sept. 5, 2011 (0800) Combined capacity at spillway level.	270.503 billion gals. 99.9 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Sept. 4, 2011 (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	
	Directed release <sup>1</sup>	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			(inches)	
							Daily	Cumul.		
Aug. 29	0	688	597	108	1,024	851	75,432	78,700	1.05	11.85
30	0	166	565	56	1,413	851	37,449	40,500	0	11.85
31	0	108	619	84	1,466	851	21,172	24,300	0	11.85
Sept. 1	0	76	707	190	1,465	851	14,311	17,600	0	0
2	0	76	1,047	190	1,465	851	10,871	14,500	0	0
3	0	91	1,496	190	1,463	851	8,409	12,500	0	0
4	0	602	1,502	190	1,458	851	6,397	11,000	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.

Diversion by New Jersey through the D&R Canal are currently unavailable.

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA.

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Summary river data for September 5 - 11, 2011 (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, 2011 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		
Sept. 5	353	847	970	0	123	540	0	0	0	496	
6	87	2,107	975	81	101	1,205	0	0	0	491	
7	93	8,125	723	2,598	70	2,671	0	0	0	486	
8	91	7,901	258	8,123	83	1,771	0	0	0	481	
9	94	4,165	259	6,608	123	719	0	0	0	476	
10	90	2,339	260	4,034	123	409	0	0	0	471	
11	106	1,525	259	2,619	123	317	0	0	0	467	

Pepacton Reservoir (P):	Available storage Sept. 12, 2011 (0800) Spillway crest elevation 1,280.00 ft.	141.783 billion gals. 101.1 % (elev. 1,280.86 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Sept. 12, 2011 (0800) Spillway crest elevation 1,150.00 ft.	100.019 billion gals. 104.5 % (elev. 1,152.68 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Sept. 12, 2011 (0800) Spillway crest elevation 1,440.00 ft.	35.150 billion gals. 100.6 % (elev. 1,440.42 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Sept. 12, 2011 (0800) Combined capacity at spillway level.	276.952 billion gals. 102.3 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Sept. 11, 2011 (2400) Spillway crest elevation 1,190.00 ft.	31.860 billion gals. 89.9 % (elev. 1,188.1 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.
	Sept. 5	0	699	1,501	190	1,465	851	7,194	11,900	.74
6	0	699	1,502	190	1,465	851	15,093	19,800	1.29	2.03
7	0	707	1,501	190	1,390	851	52,161	56,800	2.12	4.15
8	0	546	1,508	156	1,391	851	95,548	100,000	1.55	5.70
9	0	135	1,118	108	1,415	851	82,173	85,800	.06	5.76
10	0	144	399	128	1,415	851	44,863	47,800	.01	5.77
11	0	141	401	190	1,415	851	27,502	30,500	.06	5.83

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Summary river data for September 12 - 18, 2011 (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, 2011 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		
Sept. 12	385	1,014	459	1,824	123	244	0	0	0	462	
13	452	568	965	1,031	123	165	0	0	0	458	
14	453	322	968	580	123	148	0	0	0	454	
15	453	234	969	316	123	120	0	0	0	449	
16	453	165	969	161	123	91	0	0	0	445	
17	453	84	968	43	123	80	0	0	0	441	
18	454	28	965	1	123	66	0	0	0	437	

Pepacton Reservoir (P):	Available storage Sept. 19, 2011 (0800) Spillway crest elevation 1,280.00 ft.	140.227 billion gals. 100.0 % (elev. 1,280.02 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Sept. 19, 2011 (0800) Spillway crest elevation 1,150.00 ft.	95.326 billion gals. 99.6 % (elev. 1,149.75 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Sept. 19, 2011 (0800) Spillway crest elevation 1,440.00 ft.	35.016 billion gals. 100.2 % (elev. 1,440.15 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Sept. 19, 2011 (0800) Combined capacity at spillway level.	270.569 billion gals. 99.9 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Sept. 18, 2011 (2400) Spillway crest elevation 1,190.00 ft.	19.436 billion gals. 54.8 % (elev. 1,181.3 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 <sup>2</sup>	Total Discharge	Precipitation (inches)	
	Directed release <sup>1</sup>	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			Daily	Cumul.
	Sept. 12	0	145	402	190	1,415	851	20,797	23,800	.09
13	0	139	401	190	1,415	851	17,704	20,700	0	5.92
14	0	164	710	190	1,415	851	14,670	18,000	0	5.92
15	0	596	1,493	190	1,415	851	11,055	15,600	.02	5.94
16	0	699	1,497	190	1,417	851	9,646	14,300	.20	6.14
17	0	701	1,499	190	1,214	851	8,345	12,800	0	6.14
18	0	701	1,499	190	1,381	851	7,378	12,000	0	6.14

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Summary river data for September 19 - 25, 2011 (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, 2011 to date
	release begin 1200	spill begin 0800	release end 2400	release begin 1500	spill begin 0800	beginning 0800	beginning 0800	beginning 0800	
Sept. 19	453	1	971	123	52	105	0	0	434
20	453	0	963	123	27	387	0	0	434
21	453	0	962	123	20	400	0	0	433
22	453	0	963	123	63	400	145	0	434
23	452	0	967	123	151	342	137	0	435
24	452	0	969	123	302	221	327	0	436
25	452	0	968	123	193	207	344	0	437

Pepacton Reservoir (P):	Available storage Sept. 26, 2011 (0800) Spillway crest elevation 1,280.00 ft.	137.510 billion gals. 98.1 % (elev. 1,278.54 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Sept. 26, 2011 (0800) Spillway crest elevation 1,150.00 ft.	92.147 billion gals. 96.3 % (elev. 1,147.66 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Sept. 26, 2011 (0800) Spillway crest elevation 1,440.00 ft.	35.080 billion gals. 100.4 % (elev. 1,440.28 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Sept. 26, 2011 (0800) Combined capacity at spillway level.	264.737 billion gals. 97.7 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Sept. 25, 2011 (2400) Spillway crest elevation 1,190.00 ft.	16.786 billion gals. 47.3 % (elev. 1,179.8 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 <sup>2</sup>	Total Discharge	Precipitation	
	Directed release <sup>1</sup>	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			(inches)	
							Daily	Cumul.		
Sept. 19	0	701	1,497	190	1,383	851	4,908	9,530	0	6.14
20	0	701	1,493	190	1,383	550	3,883	8,200	.16	6.30
21	0	702	1,502	190	1,385	213	3,888	7,880	.03	6.33
22	0	701	1,490	190	1,400	319	3,990	8,090	.34	6.67
23	0	701	1,488	190	1,385	372	4,594	8,730	.11	6.78
24	0	701	1,490	190	1,387	851	11,481	16,100	1.37	8.15
25	0	701	1,496	190	1,387	124	12,902	16,800	.01	8.16

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

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