

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA.

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

Summary river data for September 26 - October 2, 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. 26	452	0	969	123	112	26	467	0	437
27	453	0	967	123	147	0	479	0	438
28	455	0	963	123	822	0	101	0	435
29	453	4	966	122	1,224	0	0	0	431
30	453	431	971	124	755	0	0	0	428
Oct. 1	441	809	974	123	420	0	0	0	424
2	394	915	974	123	352	0	0	0	421

Pepacton Reservoir (P):	Available storage Oct. 3, 2011 (0800) Spillway crest elevation 1,280.00 ft.	141.449 billion gals. 100.9 % (elev. 1,280.68 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Oct. 3, 2011 (0800) Spillway crest elevation 1,150.00 ft.	95.371 billion gals. 99.6 % (elev. 1,149.78 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Oct. 3, 2011 (0800) Spillway crest elevation 1,440.00 ft.	35.165 billion gals. 100.6 % (elev. 1,440.45 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Oct. 3, 2011 (0800) Combined capacity at spillway level.	271.985 billion gals. 100.4 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Oct. 2, 2011 (2400) Spillway crest elevation 1,190.00 ft.	20.152 billion gals. 56.8 % (elev. 1,181.7 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 <sup>2</sup>	Total Discharge	Precipitation (inches)	
	Directed release <sup>1</sup>	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			Daily	Cumul.
	Sept. 26	0	699	1,499	190	1,385	142	8,685	12,600	0
27	0	699	1,497	190	1,385	337	6,592	10,700	0	8.17
28	0	699	1,499	190	1,236	461	21,615	25,700	1.40	9.57
29	0	699	1,496	190	1,385	851	37,679	42,300	1.58	11.15
30	0	701	1,490	190	1,394	851	39,474	44,100	.44	11.59
Oct. 1	0	704	1,494	189	1,423	851	24,039	28,700	.02	.02
2	0	701	1,502	192	1,432	851	18,322	23,000	.41	.43

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 October 3 - 9, 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	
Oct. 3	452	756	970	123	297	0	155	0	419
4	452	551	972	123	197	0	416	0	419
5	453	303	974	123	137	0	481	0	419
6	453	149	973	123	109	291	482	0	422
7	453	23	973	123	91	307	481	0	425
8	453	0	973	123	87	310	481	0	428
9	453	0	972	123	65	307	481	0	430

Pepacton Reservoir (P):	Available storage Oct. 10, 2011 (0800) Spillway crest elevation 1,280.00 ft.	139.491 billion gals. 99.5 % (elev. 1,279.62 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Oct. 10, 2011 (0800) Spillway crest elevation 1,150.00 ft.	90.792 billion gals. 94.9 % (elev. 1,146.77 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Oct. 10, 2011 (0800) Spillway crest elevation 1,440.00 ft.	35.011 billion gals. 100.2 % (elev. 1,440.14 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Oct. 10, 2011 (0800) Combined capacity at spillway level.	265.294 billion gals. 98.0 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Oct. 9, 2011 (2400) Spillway crest elevation 1,190.00 ft.	11.860 billion gals. 33.5 % (elev. 1,177.0 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.		
Oct. 3	0	701	1,507	190	1,430	851	16,821	21,500	.03	.46
4	0	682	1,507	190	1,430	851	13,940	18,600	.08	.54
5	0	610	1,501	190	1,419	851	13,629	18,200	0	.54
6	0	699	1,504	190	1,403	851	11,453	16,100	0	.54
7	0	699	1,507	190	1,393	727	8,984	13,500	0	.54
8	0	701	1,505	190	1,390	656	6,858	11,300	0	.54
9	0	701	1,505	190	1,392	426	5,396	9,610	0	.54

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.

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Summary river data for October 10 - 16, 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		Average June 1, 2011 to date	
	release begin 1200	release end 2400	release begin 1500	spill begin 0800	beginning 0800	beginning 0800		beginning 0800
Oct. 10	453	969	123	54	307	481	0	433
11	453	968	123	38	85	480	0	434
12	453	965	123	29	0	480	0	434
13	453	963	123	46	170	479	0	436
14	453	970	123	202	202	479	0	438
15	453	971	123	237	202	479	0	439
16	451	969	123	168	166	478	0	441

Pepacton Reservoir (P):	Available storage Oct. 17, 2011 (0800) Spillway crest elevation 1,280.00 ft.	139.767 billion gals. 99.7 % (elev. 1,279.77 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Oct. 17, 2011 (0800) Spillway crest elevation 1,150.00 ft.	85.080 billion gals. 88.9 % (elev. 1,142.91 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Oct. 17, 2011 (0800) Spillway crest elevation 1,440.00 ft.	35.085 billion gals. 100.4 % (elev. 1,440.29 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Oct. 17, 2011 (0800) Combined capacity at spillway level.	259.932 billion gals. 96.0 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Oct. 16, 2011 (2400) Spillway crest elevation 1,190.00 ft.	14.323 billion gals. 40.4 % (elev. 1,178.4 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.
	Oct. 10	0	701	1,505	190	1,361	443	4,560	8,760	0
11	0	701	1,504	190	14	727	4,274	7,410	0	.54
12	0	701	1,499	190	0	727	3,873	6,990	0	.54
13	0	701	1,497	190	0	727	3,925	7,040	.32	.86
14	0	701	1,493	190	0	691	5,495	8,570	.57	1.43
15	0	701	1,490	190	0	426	10,793	13,600	.47	1.90
16	0	701	1,501	190	0	461	8,647	11,500	.02	1.92

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.

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Summary river data for October 17 - 23, 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		Average June 1, 2011 to date	
	release begin 1200	release end 2400	release begin 1500	spill begin 0800	beginning 0800	beginning 0800		beginning 0800
Oct. 17	456	881	123	145	168	478	0	442
18	454	418	123	132	199	478	0	444
19	453	152	123	63	201	477	0	446
20	453	145	123	87	201	478	0	447
21	454	145	123	80	201	478	0	449
22	454	145	123	58	201	478	0	451
23	454	145	123	47	201	478	0	452

Pepacton Reservoir (P):	Available storage Oct. 24, 2011 (0800) Spillway crest elevation 1,280.00 ft.	138.811 billion gals. 99.0 % (elev. 1,279.25 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Oct. 24, 2011 (0800) Spillway crest elevation 1,150.00 ft.	85.456 billion gals. 89.3 % (elev. 1,143.17 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Oct. 24, 2011 (0800) Spillway crest elevation 1,440.00 ft.	34.996 billion gals. 100.2 % (elev. 1,440.11 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Oct. 24, 2011 (0800) Combined capacity at spillway level.	259.263 billion gals. 95.7 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Oct. 23, 2011 (2400) Spillway crest elevation 1,190.00 ft.	18.370 billion gals. 51.8 % (elev. 1,180.7 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 <sup>2</sup>	Total Discharge	Precipitation (inches)	
	Directed release <sup>1</sup>	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			Daily	Cumul.
							Oct. 17	0		
18	0	701	1,499	190	0	674	6,056	9,120	0	2.09
19	0	698	1,363	190	0	674	4,575	7,500	.01	2.10
20	0	705	647	190	0	355	5,383	7,280	.48	2.58
21	0	702	235	190	0	248	7,945	9,320	.01	2.59
22	0	701	224	190	0	195	6,210	7,520	0	2.59
23	0	701	224	190	0	160	5,325	6,600	0	2.59

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

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

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Summary river data for October 24 - 30, 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		Average June 1, 2011 to date	
	release begin 1200	release end 2400	release begin 1500	spill begin 0800	beginning 0800	beginning 0800		beginning 0800
Oct. 24	453	145	123	32	200	478	0	454
25	453	145	123	11	200	478	0	455
26	453	145	123	8	200	478	0	457
27	453	146	123	4	200	478	175	459
28	453	148	123	0	199	478	187	462
29	453	149	123	0	1	478	101	463
30	453	147	123	0	0	478	0	463

Pepacton Reservoir (P):	Available storage Oct. 31, 2011 (0800) Spillway crest elevation 1,280.00 ft.	137.638 billion gals. 98.2 % (elev. 1,278.61 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Oct. 31, 2011 (0800) Spillway crest elevation 1,150.00 ft.	85.398 billion gals. 89.2 % (elev. 1,143.13 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Oct. 31, 2011 (0800) Spillway crest elevation 1,440.00 ft.	34.621 billion gals. 99.1 % (elev. 1,439.35 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Oct. 31, 2011 (0800) Combined capacity at spillway level.	257.657 billion gals. 95.1 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Oct. 30, 2011 (2400) Spillway crest elevation 1,190.00 ft.	19.794 billion gals. 55.8 % (elev. 1,181.5 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.		
Oct. 24	0	702	224	190	0	301	4,873	6,290	0	2.59
25	0	702	224	190	0	160	4,424	5,700	0	2.59
26	0	702	224	190	0	53	4,121	5,290	.01	2.60
27	0	701	224	190	0	89	3,986	5,190	.13	2.73
28	0	701	224	190	0	213	5,112	6,440	.47	3.20
29	0	701	226	190	258	142	5,443	6,960	0	3.20
30	0	701	229	190	957	230	5,083	7,390	.50	3.70

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.