

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA

[Web address: http://water.usgs.gov/osw/odrm](http://water.usgs.gov/osw/odrm)

Summary river data for March 31 - April 6, 2014 (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
	spill begin 1200	release begin 1200	spill begin 2400	release end 2400	spill begin 1500	release begin 1500	beginning 800	beginning 800	beginning 800	1-Jun-13 to date
March 31	0	65	0	97	0	36	205	303	0	599
April 1	0	65	0	172	0	36	201	303	0	599
2	0	65	0	256	0	36	202	302	0	599
3	0	65	0	257	0	36	202	302	0	598
4	0	65	0	259	0	36	100	303	0	598
5	0	91	0	269	0	48	0	18	0	596
6	0	97	0	301	0	49	5	0	0	594

Pepacton Reservoir (P):	Average storage April 7, 2014 (0800)	130.475	billion gallons	93.1%	1,274.63	(elev. ft.)
	Spillway crest elevation 1,280.00 ft.	140.190	billion gallons			
Cannonsville Reservoir (C):	Average storage April 7, 2014 (0800)	93.227	billion gallons	97.4%	1,148.37	(elev. ft.)
	Spillway crest elevation 1,150.00 ft.	95.706	billion gallons			
Neversink Reservoir (N):	Average storage April 7, 2014 (0800)	28.725	billion gallons	82.2%	1,426.72	(elev. ft.)
	Spillway crest elevation 1,440.00 ft.	34.941	billion gallons			
Combined contents, PCN:	Average storage April 7, 2014 (0800)	252.427	billion gallons	93.2%		
	Combined capacity at spillway level.	270.837	billion gallons			
Lake Wallenpaupack:	Average storage April 6, 2014 (0800)	25.950	billion gallons	73.2%	1,184.9	(elev. 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 NYC Reservoirs				Power releases		Computed	Total	Precipitation	
	Directed release <sup>1</sup>	Pepacton	Cannonsville	Neversink	Wallen- paupack	Rio Reservoir	Uncon- trolled <sup>2</sup>	Discharge	(inches)	
									Daily	Cumul
March 31	0	101	150	56	908	71	24,414	25,700	0.32	2.44
April 1	0	101	150	56	616	284	18,293	19,500	0.00	0.00
2	0	101	150	56	520	709	14,564	16,100	0.00	0.00
3	0	101	266	56	471	851	12,955	14,700	0.00	0.00
4	0	101	396	56	529	851	11,667	13,600	0.04	0.04
5	0	101	398	56	382	851	11,712	13,500	0.21	0.25
6	0	101	401	56	0	851	10,891	12,300	0.00	0.25

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 March 31 - April 6, 2014 is 86.1 mgd

The average diversion for the 30-day period ending April 6, 2014 is currently unavailable and the maximum diversion is currently unavailable

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA

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

Summary river data for April 7 -13, 2014 (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
	spill begin 1200	release begin 1200	spill begin 1200	release end 2400	spill begin 1200	release begin 1500	beginning 800	beginning 800	beginning 800	1-Jun-13 to date
April 7	0	97	0	445	0	49	206	187	0	593
8	0	97	0	967	0	49	202	201	0	593
9	0	97	0	968	0	49	205	8	0	592
10	0	97	0	967	0	49	206	0	0	590
11	0	97	0	967	0	49	221	0	0	589
12	0	97	0	962	0	49	396	0	0	589
13	0	151	0	966	0	49	383	0	0	588

Pepacton Reservoir (P):	Average storage April 14, 2014 (0800)	136.073 billion gallons	97.1%	1,277.75 (elev. ft.)
	Spillway crest elevation 1,280.00 ft.	140.190 billion gallons		
Cannonsville Reservoir (C):	Average storage April 14, 2014 (0800)	93.972 billion gallons	98.2%	1,148.86 (elev. ft.)
	Spillway crest elevation 1,150.00 ft.	95.706 billion gallons		
Neversink Reservoir (N):	Average storage April 14, 2014 (0800)	31.513 billion gallons	90.2%	1,432.86 (elev. ft.)
	Spillway crest elevation 1,440.00 ft.	34.941 billion gallons		
Combined contents, PCN:	Average storage April 14, 2014 (0800)	261.558 billion gallons	96.6%	
	Combined capacity at spillway level.	270.837 billion gallons		
Lake Wallenpaupack:	Average storage April 13, 2014 (0800)	26.680 billion gallons	75.3%	1,185.3 (elev. 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 NYC Reservoirs				Power releases		Computed	Total	Precipitation	
	Directed release <sup>1</sup>	Pepacton	Cannonsville	Neversink	Wallen- paupack	Rio Reservoir	Uncon- trolled <sup>2</sup>	Discharge	(inches)	
									Daily	Cumul
April 7	0	101	416	74	64	851	9,094	10,600	0.00	0.25
8	0	141	466	76	422	851	8,544	10,500	0.26	0.51
9	0	150	688	76	387	851	10,248	12,400	0.00	0.51
10	0	150	1,496	76	1,246	851	8,381	12,200	0.00	0.51
11	0	150	1,497	76	1,238	851	6,988	10,800	0.00	0.51
12	0	150	1,496	76	635	851	7,092	10,300	0.27	0.78
13	0	150	1,496	76	0	851	7,147	9,720	0.00	0.78

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 April 7 - 13, 2014 averaged 91.9 mgd

The average diversion for the 30-day period ending April 13, 2014 is currently unavailable and the maximum diversion is currently unavailable

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Summary river data for April 14 - 20, 2014 (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
	spill begin 1200	release begin 1200	spill begin 1200	release end 2400	spill begin 1200	release begin 1500	beginning 800	beginning 800	beginning 800	1-Jun-13 to date
April 14	0	312	0	966	0	49	51	0	0	586
15	1	407	12	968	0	49	233	0	0	585
16	526	454	402	972	0	49	177	0	249	585
17	1,118	452	722	975	0	49	51	0	393	584
18	1,031	452	728	972	0	49	154	0	329	584
19	735	452	595	963	0	49	182	0	298	584
20	522	452	433	964	0	49	178	0	298	583

Pepacton Reservoir (P):	Average storage April 21, 2014 (0800)	140.968 billion gallons	100.6%	1,280.42 (elev. ft.)
	Spillway crest elevation 1,280.00 ft.	140.190 billion gallons		
Cannonsville Reservoir (C):	Average storage April 21, 2014 (0800)	97.058 billion gallons	101.4%	1,150.84 (elev. ft.)
	Spillway crest elevation 1,150.00 ft.	95.706 billion gallons		
Neversink Reservoir (N):	Average storage April 21, 2014 (0800)	32.762 billion gallons	93.8%	1,435.51 (elev. ft.)
	Spillway crest elevation 1,440.00 ft.	34.941 billion gallons		
Combined contents, PCN:	Average storage April 21, 2014 (0800)	270.788 billion gallons	100.0%	
	Combined capacity at spillway level.	270.837 billion gallons		
Lake Wallenpaupack:	Average storage April 20, 2014 (0800)	26.680 billion gallons	75.3%	1,185.3 (elev. 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 NYC Reservoirs				Power releases		Computed	Total	Precipitation	
	Directed release <sup>1</sup>	Pepacton	Cannonsville	Neversink	Wallen- paupack	Rio Reservoir	Uncon- trolled <sup>2</sup>	Discharge	(inches)	
									Daily	Cumul
April 14	0	150	1,488	76	453	851	6,622	9,640	0.00	0.78
15	0	150	1,494	76	1,018	798	6,564	10,100	0.04	0.82
16	0	234	1,494	76	1,221	585	20,890	24,500	1.14	1.96
17	0	483	1,497	76	1,422	621	16,401	20,500	0.03	1.99
18	0	630	1,504	76	1,417	266	13,207	17,100	0.00	1.99
19	0	702	1,508	76	534	0	10,880	13,700	0.00	1.99
20	0	699	1,504	76	0	0	9,321	11,600	0.00	1.99

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 April 14 - 20, 2014 averaged 92.8 mgd

The average diversion for the 30-day period ending April 20, 2014 is currently unavailable and the maximum diversion is currently unavailable

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Summary river data for April 21 - 27, 2014 (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
	spill begin 1200	release begin 1200	spill begin 2400	release end 2400	spill begin 1500	release begin 1500	beginning 800	beginning 800	beginning 800	1-Jun-13 to date
April 21	277	452	283	964	0	49	400	0	298	584
22	105	452	162	967	0	49	401	0	3	583
23	31	454	75	968	0	49	500	50	0	583
24	0	432	13	969	0	49	500	196	0	583
25	0	369	0	922	0	49	500	58	0	583
26	0	337	0	697	0	49	500	0	0	583
27	0	324	0	497	0	49	300	145	0	582

Pepacton Reservoir (P):	Average storage April 28, 2014 (0800)	139.050 billion gallons	99.2%	1,279.38 (elev. ft.)
	Spillway crest elevation 1,280.00 ft.	140.190 billion gallons		
Cannonsville Reservoir (C):	Average storage April 28, 2014 (0800)	95.143 billion gallons	99.4%	1,149.63 (elev. ft.)
	Spillway crest elevation 1,150.00 ft.	95.706 billion gallons		
Neversink Reservoir (N):	Average storage April 28, 2014 (0800)	33.288 billion gallons	95.3%	1,436.61 (elev. ft.)
	Spillway crest elevation 1,440.00 ft.	34.941 billion gallons		
Combined contents, PCN:	Average storage April 28, 2014 (0800)	267.481 billion gallons	98.8%	
	Combined capacity at spillway level.	270.837 billion gallons		
Lake Wallenpaupack:	Average storage April 27, 2014 (0800)	27.227 billion gallons	76.8%	1,185.6 (elev. 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 NYC Reservoirs				Power releases		Computed	Total	Precipitation	
	Directed release <sup>1</sup>	Pepacton	Cannonsville	Neversink	Wallen- paupack	Rio Reservoir	Uncon- trolled <sup>2</sup>	Discharge	(inches)	
									Daily	Cumul
April 21	0	699	1,490	76	362	0	7,873	10,500	0.00	1.99
22	0	699	1,491	76	591	0	6,303	9,160	0.00	1.99
23	0	699	1,491	76	433	35	5,506	8,240	0.10	2.09
24	0	699	1,496	76	171	248	5,080	7,770	0.02	2.11
25	0	699	1,497	76	429	230	4,229	7,160	0.00	2.11
26	0	702	1,499	76	301	301	3,511	6,390	0.23	2.34
27	0	668	1,426	76	0	53	3,467	5,690	0.07	2.41

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 April 21 - 27, 2014 averaged 87.0 mgd

The average diversion for the 30-day period ending April 27, 2014 is currently unavailable and the maximum diversion is currently unavailable