

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA.

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

Summary river data for February 27 - March 4, 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, 2011 to date
	release begin 1200	release end 2400	release begin 1500	beginning 0800	beginning 0800	beginning 0800	
Feb. 27	98	145	123	200	302	244	548
28	98	145	123	200	302	260	548
29	98	145	123	200	302	259	549
Mar. 1	97	145	123	200	302	259	550
2	97	145	123	345	302	80	551
3	97	143	123	401	302	0	551
4	97	145	123	401	302	0	552

Pepacton Reservoir (P):	Available storage Mar. 5, 2012 (0800) Spillway crest elevation 1,280.00 ft.	121.129 billion gals. 86.4 % (elev. 1,269.26 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Mar. 5, 2012 (0800) Spillway crest elevation 1,150.00 ft.	82.666 billion gals. 86.4 % (elev. 1,141.24 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Mar. 5, 2012 (0800) Spillway crest elevation 1,440.00 ft.	31.733 billion gals. 90.8 % (elev. 1,433.33 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Mar. 5, 2012 (0800) Combined capacity at spillway level.	235.528 billion gals. 87.0 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Mar. 4, 2012 (2400) Spillway crest elevation 1,190.00 ft.	20.869 billion gals. 58.9 % (elev. 1,182.1 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.
	Feb. 27	0	150	224	190	265	18	2,343	3,190	0
28	0	150	224	190	442	89	2,225	3,320	0	1.09
29	0	150	224	190	463	89	2,314	3,430	0	1.09
Mar. 1	0	152	224	190	216	160	2,538	3,480	.61	.61
2	0	152	224	190	194	160	2,800	3,720	.08	.69
3	0	152	224	190	225	53	3,156	4,000	.27	.96
4	0	150	224	190	0	0	5,106	5,670	0	.96

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 February 27 - March 4, 2012 averaged 72.1 mgd. The average diversion for the 30-day period ending March 4, 2012 was 74.1 mgd and the maximum diversion during the period was 87 mg on February 15, 2012.

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Summary river data for March 5 - 11, 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, 2011 to date
	release begin 1200	release end 2400	release begin 1500	beginning 0800	beginning 0800	beginning 0800	
Mar. 5	97	145	123	401	302	242	553
6	97	146	124	401	302	260	555
7	97	146	123	336	302	260	556
8	97	146	109	217	302	259	557
9	97	146	48	200	302	77	557
10	93	146	47	191	290	0	556
11	97	141	49	198	303	0	556

Pepacton Reservoir (P):	Available storage Mar. 12, 2012 (0800) Spillway crest elevation 1,280.00 ft.	121.728 billion gals. 140.190 billion gallons.	86.8 % (elev. 1,269.61 ft.)
Cannonsville Reservoir (C):	Available storage Mar. 12, 2012 (0800) Spillway crest elevation 1,150.00 ft.	85.008 billion gals. 95.706 billion gallons.	88.8 % (elev. 1,142.86 ft.)
Neversink Reservoir (N):	Available storage Mar. 12, 2012 (0800) Spillway crest elevation 1,440.00 ft.	30.998 billion gals. 34.941 billion gallons.	88.7 % (elev. 1,431.75 ft.)
Combined contents, PCN:	Available storage Mar. 12, 2012 (0800) Combined capacity at spillway level.	237.734 billion gals. 270.837 billion gallons.	87.8 %
Lake Wallenpaupack:	Available storage Mar. 11, 2012 (2400) Spillway crest elevation 1,190.00 ft.	21.048 billion gals. 35.451 billion gallons.	59.4 % (elev. 1,182.2 ft.)

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.
	Mar. 5	0	150	221	190	0	106	4,943	5,610	0
6	0	150	224	190	366	160	3,810	4,900	0	.96
7	0	150	224	190	314	160	3,362	4,400	.01	.97
8	0	150	226	192	402	160	3,460	4,590	0	.97
9	0	150	226	190	437	160	4,947	6,110	.31	1.28
10	0	150	226	169	399	53	7,523	8,520	.01	1.29
11	0	150	226	74	0	656	6,144	7,250	0	1.29

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 March 5 - 11, 2012 averaged 74.6 mgd. The average diversion for the 30-day period ending March 11, 2012 was 76.2 mgd and the maximum diversion during the period was 87 mgd on February 15, 2012.

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Summary river data for March 12 - 18, 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, 2011 to date
	release begin 1200	release end 2400	release begin 1500	beginning 0800	beginning 0800	beginning 0800	
Mar. 12	97	146	49	196	303	143	556
13	94	147	49	200	303	143	557
14	65	128	49	200	303	121	557
15	65	114	49	412	303	0	558
16	65	114	49	449	301	18	558
17	65	114	49	450	301	0	559
18	66	114	49	450	301	0	560

Pepacton Reservoir (P):	Available storage Mar. 19, 2012 (0800) Spillway crest elevation 1,280.00 ft.	122.860 billion gals. 87.6 % (elev. 1,270.27 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Mar. 19, 2012 (0800) Spillway crest elevation 1,150.00 ft.	87.219 billion gals. 91.1 % (elev. 1,144.39 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Mar. 19, 2012 (0800) Spillway crest elevation 1,440.00 ft.	31.920 billion gals. 91.4 % (elev. 1,433.73 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Mar. 19, 2012 (0800) Combined capacity at spillway level.	241.999 billion gals. 89.4 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Mar. 18, 2012 (2400) Spillway crest elevation 1,190.00 ft.	21.407 billion gals. 60.4 % (elev. 1,182.4 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.
	Mar. 12	0	150	226	73	0	106	5,275	5,830	0
13	0	144	218	76	205	160	4,937	5,740	.01	1.30
14	0	150	226	76	221	230	4,927	5,830	0	1.30
15	0	150	227	76	160	230	4,997	5,840	0	1.30
16	0	145	198	76	184	230	4,597	5,430	0	1.30
17	0	101	176	76	231	160	4,376	5,120	.06	1.36
18	0	101	176	76	0	106	4,171	4,630	0	1.36

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 12 - 18, 2012 averaged 80.6 mgd. The average diversion for the 30-day period ending March 18, 2012 was 75.9 mgd and the maximum diversion during the period was 84 mgd on March 12, 13, 2012.

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Summary river data for March 19 - 25, 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, 2011 to date
	release begin 1200	release end 2400	release begin 1500	beginning 0800	beginning 0800	beginning 0800	
Mar. 19	65	114	49	403	301	0	560
20	64	114	49	339	301	126	561
21	65	114	49	300	301	223	562
22	65	114	49	300	301	228	563
23	65	113	49	301	301	254	564
24	66	112	49	301	301	254	565
25	65	114	49	301	301	254	566

Pepacton Reservoir (P):	Available storage Mar. 26, 2012 (0800) Spillway crest elevation 1,280.00 ft.	125.245 billion gals. 89.3 % (elev. 1,271.65 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Mar. 26, 2012 (0800) Spillway crest elevation 1,150.00 ft.	88.100 billion gals. 92.1 % (elev. 1,145.00 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Mar. 26, 2012 (0800) Spillway crest elevation 1,440.00 ft.	31.756 billion gals. 90.9 % (elev. 1,433.38 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Mar. 26, 2012 (0800) Combined capacity at spillway level.	245.101 billion gals. 90.5 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Mar. 25, 2012 (2400) Spillway crest elevation 1,190.00 ft.	21.944 billion gals. 61.9 % (elev. 1,182.7 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.
	Mar. 19	0	101	176	76	15	177	3,875	4,420	0
20	0	101	176	76	159	230	3,718	4,460	.22	1.58
21	0	101	176	76	168	266	3,873	4,660	0	1.58
22	0	101	176	76	170	230	3,707	4,460	0	1.58
23	0	99	176	76	245	248	3,306	4,150	0	1.58
24	0	101	176	76	132	213	3,102	3,800	0	1.58
25	0	101	175	76	0	89	2,879	3,320	0	1.58

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 19 - 25, 2012 averaged 79.1 mgd. The average diversion for the 30-day period ending March 25, 2012 was 76.4 mgd and the maximum diversion during the period was 85 mgd on March 25, 2012.