

**Delaware River Flow and Storage Data -April 2010 Summary**

DAY	Delaware @ Montague (CFS)		Lehigh River @			Delaware @ Trenton (CFS)		Schuylkill River @				a Salt Front River Mile	New York City Delaware River Basin Storage	
	8:00 AM	MEAN	Lehighton FLOW (CFS)	Bethl FLOW (CFS)	Easton MIN DO (MG/L)	8:00 AM	MEAN	Philadelphia (CFS)	Pottstown (CFS)	Max Temp Degrees C Vincent Dam	BG		%CAP	
1-Apr	34,900	33,100	3,870	8,260		65,400	63,400	12,700	7,350		<54	277.027	102.3%	
2-Apr	26,200	25,300	3,680	7,120		53,800	51,800	9,530	5,740		<54	276.327	102.0%	
3-Apr	20,800	20,100	3,960	6,130		43,500	42,000	7,360	4,560			275.679	101.8%	
4-Apr	17,100	16,800	3,910	6,310		36,800	36,000	6,210	4,000			275.122	101.6%	
5-Apr	14,900	14,600	3,150	5,900		32,200	31,700	5,440	3,550			274.406	101.3%	
6-Apr	12,600	12,700	1,730	3,820		28,300	27,100	4,750	3,150			273.498	101.0%	
7-Apr	11,100	11,100	1,980	3,800		24,100	23,600	4,240	2,900			272.631	100.7%	
8-Apr	9,580	9,500	2,230	3,930		22,000	21,600	3,890	2,650			271.797	100.4%	
9-Apr	8,780	9,030	1,540	3,550		20,700	20,300	4,510	2,940			271.279	100.2%	
10-Apr	9,350	8,560	1,610	3,170		19,400	19,100	4,090	2,440			270.813	100.0%	
11-Apr	7,290	7,170	1,690	3,290		18,300	17,800	3,290	2,180			270.000	99.7%	
12-Apr	6,550	6,640	1,550	3,160		16,300	16,100	3,000	2,050			269.272	99.4%	
13-Apr	6,180	5,990	1,030	2,600		15,000	14,800	2,770	1,900			268.824	99.3%	
14-Apr	5,740	5,620	1,120	2,410		13,800	13,500	2,660	1,840			268.471	99.1%	
15-Apr	5,200	5,230	1,050	2,340		13,200	12,800	2,470	1,730			268.113	99.0%	
16-Apr	5,180	4,970	1,060	2,410		12,500	12,200	2,300	1,490			267.747	98.9%	
17-Apr	4,920	5,190	1,260	2,940		12,600	12,700	2,690	2,100			267.594	98.8%	
18-Apr	5,680	5,520	1,100	2,560		13,400	13,000	3,020	1,860			267.910	98.9%	
19-Apr	4,710	4,810	1,130	2,330		12,700	12,500	2,470	1,530			268.143	99.0%	
20-Apr	4,710	4,640	1,530	2,770		11,600	11,600	2,240	1,540			267.946	98.9%	
21-Apr	4,220	4,230	1,510	2,750		12,100	11,600	2,140	1,270			267.665	98.8%	
22-Apr	4,040	4,030	1,490	2,670		11,300	11,000	2,000	1,240		65	267.337	98.7%	
23-Apr	4,130	4,160	1,470	2,650		10,600	10,400	1,890	1,210		65	266.969	98.6%	
24-Apr	3,470	3,390	938	2,240		10,300	10,100	1,830	1,160		66	266.611	98.4%	
25-Apr	3,120	3,370	1,060	2,500		10,000	9,800	2,070	1,340		66	266.526	98.4%	
26-Apr	4,770	5,120	1,670	4,110		12,500	14,100	3,950	3,140		66	266.836	98.5%	
27-Apr	7,940	8,710	2,570	4,920		17,500	18,300	5,880	3,520		67	267.465	98.8%	
28-Apr	9,480	9,370	2,410	4,420		20,400	20,700	4,300	2,620		67	267.910	98.9%	
29-Apr	7,540	7,200	1,960	4,020		20,300	19,900	3,290	2,310		67	268.299	99.1%	
30-Apr	5,820	5,930	1,450	2,990		17,500	16,700	2,820	2,080		66	268.500	99.1%	
Obs. April Avg	9,200	9,069	1,890	3,736		20,937	20,540	3,993	2,580					
Normal		<b>11,385</b>	<b>1,753</b>	<b>3,648</b>		<b>20,105</b>	<b>3,584</b>	<b>2,680</b>	<b>61</b>					
% of Normal		79.7%	107.8%	102.4%		102.2%	111.4%	96.3%						

**TODAY'S RESERVOIR OBSERVATIONS: April 30, 2010**

New York City 24-hr, as of 8 am:

	Precip (IN.)	Usable (BG)	Storage (%)	Draft (MG)	Directed Rel (MG)	NYC Daily Storage (BG)=			Lower Delaware Basin:		
						NYC Daily Storage Median (BG)=	268.500	99.1%	Vol. (BG)	%Capacity	
Neversink	0.00	33.606	96.2%	71	0	BG Below Daily Storage Median =	2.399	-0.89%	Blue Marsh	6.50	100.0
Pepacton	0.00	138.609	98.9%	300	0	BG Abv Drought Watch =	79.030		Beltville	13.02	100.2
Cannonsville	0.00	96.285	100.6%	299	0	BG Abv Drought Warning =	95.030		As of April 1, Blue Marsh Reservoir's percent storage capacity is based upon a summer pool usable storage capacity of		
Rondout	0.00	48.543	97.8%	718	0	BG Abv Drought =	119.030				
						BG Abv One Year Ago =	2.225				

**TODAY'S DIRECTED RELEASES FROM BASIN RESERVOIRS (CFS)**

Blue Marsh	0	Beltville	0	F.E. Walter	0	Merrill Cr.	0	Lake Wallenpaupack	0
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**DATA SOURCES:**

Storage data provided by New York City Department of Environmental Protection, Bureau of Water Supply.

Chloride data provided by U.S. Geological Survey and Kimberly Clark Corporation.

Lower Basin reservoir storage data provided by Philadelphia District Corps of Engineers.

**NOTES:**

<sup>a</sup> Based on the location of the 7-day average chloride concentration of 250 milligrams/liter (mg/L).

<sup>b</sup> Releases from F.E. Walter are requested from the U.S. Army Corps of Engineers and are made from the reservoir's temporary drought storage.

<sup>c</sup> Directed releases from Lake Wallenpaupack are estimated values supplied by PPL.

<sup>d</sup> Percent of usable storage available.

BG=Billion Gallons; CFS=Cubic Feet per Second; DO= Dissolved Oxygen; MG= Million Gallons;

ESTIMATES OF THE SALT FRONT ARE BASED ON PROVISIONAL DATA AND ARE SUBJECT TO CHANGE.

1. During cold weather, ice effects on stage and discharge determinations at some stream-gaging stations are likely. Flow values reported on this report may be significantly higher or lower than actual streamflow. Revisions will be made as needed when adjusted data becomes available.

2. The salt front river mile location will be updated as chloride data is received.

3. Normal flow values represent the median of monthly means for 1971-2000, except for the Lehigh River at Lehighton. For Lehighton, normal flow values represent the median of monthly means for 1983-2000 (the entire period of record for the station).

4. Reporting of the minimum dissolved oxygen for the Lehigh River at Easton and the maximum temperature at the Schuylkill River at Vincent Dam has been discontinued. Reporting will begin again in June 2010.

5. DRBC does not track the salt front below river mile 54. Salt front river mile data is unavailable for the period April 3 - 21, 2010.