

**Delaware River Flow and Storage Data -April 2011 Summary**

DAY	Delaware @ Montague (CFS)		Lehigh River @			Delaware @ Trenton (CFS)		Schuylkill River @			Max Temp Degrees C Vincent Dam	a Salt Front River Mile	New York City Delaware River Basin Storage	
	8:00 AM	MEAN	Lehigh FLOW (CFS)	Bethl FLOW (CFS)	Glendon MIN DO (MG/L)	8:00 AM	MEAN	Philadelphia (CFS)	Pottstown (CFS)	2,510			BG	%CAP
1-Apr	7,750	8,220	1,780	3,690		17,800	17,700	3,170	2,510			265.828	98.2%	
2-Apr	8,810	9,110	2,040	3,850		18,100	18,300	3,440	2,550		63	264.987	97.8%	
3-Apr	8,750	8,730	2,050	3,740		18,600	18,700	2,970	2,250		65	264.063	97.5%	
4-Apr	8,320	8,640	2,100	3,710		18,100	18,000	2,590	2,080		67	263.136	97.2%	
5-Apr	8,850	9,590	2,460	4,160		17,600	18,100	2,610	2,390		68	263.114	97.1%	
6-Apr	12,900	13,500	3,060	4,660		19,800	20,500	3,470	2,470		68	265.434	98.0%	
7-Apr	12,500	12,900	3,640	5,340		23,800	24,800	2,840	2,190		68	267.018	98.6%	
8-Apr	11,600	12,000	3,110	4,940		24,400	24,600	2,790	2,300		68	267.779	98.9%	
9-Apr	10,500	10,600	2,880	4,860		23,900	23,700	4,760	2,990		68	267.726	98.9%	
10-Apr	9,380	9,560	2,600	4,450		21,700	21,300	3,860	2,600		67	267.545	98.8%	
11-Apr	9,080	9,170	2,230	4,110		19,500	19,500	3,320	2,500		66	267.576	98.8%	
12-Apr	8,650	9,070	2,330	4,240		18,500	19,200	3,590	2,910		65	269.018	99.3%	
13-Apr	10,100	10,500	3,360	6,190		23,900	25,000	9,820	5,150		64	270.301	99.8%	
14-Apr	11,500	11,600	3,820	6,900		27,500	27,600	8,090	5,500		64	271.480	100.2%	
15-Apr	10,200	10,200	3,270	6,100		26,600	26,300	6,470	4,870		63	271.800	100.4%	
16-Apr	9,080	8,940	2,420	5,550		23,200	24,300	7,340	5,650		62	271.459	100.2%	
17-Apr	19,000	22,300	7,350	16,300		44,900	52,700	30,600	14,700		62	272.534	100.6%	
18-Apr	25,400	24,600	5,910	10,500		58,900	57,100	17,800	10,900		61	273.525	101.0%	
19-Apr	19,900	19,500	8,380	12,000		49,500	48,500	11,700	8,170		60	273.331	100.9%	
20-Apr	19,000	19,100	7,770	10,900		43,300	42,500	9,370	6,920		57	273.357	100.9%	
21-Apr	18,100	17,600	6,510	9,490		40,300	39,400	7,350	5,330		54	273.035	100.8%	
22-Apr	15,400	15,000	4,550	7,480		35,800	34,400	5,650	4,240		<54	272.554	100.6%	
23-Apr	12,000	13,100	2,120	5,620		30,900	30,300	5,350	4,220		<54	272.204	100.5%	
24-Apr	19,100	18,300	2,030	5,140		28,300	29,100	6,500	4,430		<54	272.750	100.7%	
25-Apr	16,400	16,900	2,080	4,670		36,500	34,500	8,740	4,950		<54	272.711	100.7%	
26-Apr	18,200	20,400	2,730	4,840		29,300	30,200	5,920	4,080		<54	273.170	100.9%	
27-Apr	23,800	27,200	2,880	4,730		31,100	33,200	4,990	3,740		<54	274.440	101.3%	
28-Apr	28,000	33,600	5,310	7,300		38,000	41,500	5,230	5,230		<54	276.003	101.9%	
29-Apr	50,600	46,700	6,900	9,560		54,100	60,300	11,400	7,480		<54	279.336	103.1%	
30-Apr	33,500	32,000	6,930	9,520		64,400	61,600	7,940	6,080		<54	278.628	102.9%	
<b>Obs. April Avg</b>	<b>15,879</b>	<b>16,288</b>	<b>3,820</b>	<b>6,485</b>		<b>30,943</b>	<b>31,430</b>	<b>6,989</b>	<b>4,713</b>					
<b>Normal</b>		<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>			
<b>% of Normal</b>		<b>143.1%</b>	<b>217.9%</b>	<b>177.8%</b>			<b>156.3%</b>	<b>195.0%</b>	<b>175.8%</b>					

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

New York City 24-hr, as of 8 am:										Lower Delaware Basin:	
	Precip (IN.)	Usable (BG)	Storage (%)	Draft (MG)	Directed Rel (MG)	NYC Daily Storage (BG)=		102.9%		Vol. (BG)	% Capacity
						<b>278.628</b>					
						270.899		100.0%		Blue Marsh	6.93 106.6
Neversink	0.00	35.209	100.8%	0	0	BG Above Daily Storage Median =	7.729	2.85%		Beltzville	13.40 103.1
Pepacton	0.00	142.322	101.6%	0	0	BG Abv Drought Watch =	89.158				
Cannonsville	0.00	101.097	105.6%	0	0	BG Abv Drought Warning =	105.158				
Rondout	0.00	49.072	98.9%	832	0	BG Abv Drought =	129.158				
						BG Above One Year Ago =	10.128				

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

Blue Marsh	0	Beltzville	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:**

- a Based on the location of the 7-day average chloride concentration of 250 milligrams/liter (mg/L).
  - b 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.
  - c Directed releases from Lake Wallenpaupack are estimated values supplied by PPL.
  - d Lower Basin reservoir percentages are a percent of allocated storage, not total storage. More than 19.3 billion gallons of flood control is available in Beltzville and Blue Marsh reservoirs.  
 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 Lehigh. For Lehigh, 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 Glendon and the maximum temperature at the Schuylkill River at Vincent Dam has been discontinued. Reporting will begin again in June 2011.
  5. DRBC does not track the salt front below river mile 54.