

Delaware River Flow and Storage Data - April 2008 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		BG	%CAP
										Degrees C Vincent Dam			
1-Apr	12,800	13,900	1,400	3,220		18,500	18,900	2,650	2,170		60	271.649	100.3%
2-Apr	17,100	18,600	1,520	3,410		22,600	23,600	2,880	2,260		61	273.768	101.1%
3-Apr	19,500	19,000	1,570	3,240		26,800	27,800	2,610	1,950		64	274.289	101.3%
4-Apr	17,100	17,100	1,490	3,300		27,500	27,600	2,700	2,120		64	274.215	101.2%
5-Apr	21,000	21,200	1,580	3,460		26,600	27,100	3,210	2,420		64	275.101	101.6%
6-Apr	20,700	20,300	1,630	3,280		30,500	30,500	3,050	2,220		64	275.213	101.6%
7-Apr	18,000	17,600	1,600	3,260		29,200	28,700	2,690	2,020		64	274.695	101.4%
8-Apr	16,300	15,800	1,530	3,240		26,000	25,800	2,350	1,860		64	274.152	101.2%
9-Apr	14,800	14,200	1,340	3,000		24,000	23,600	2,150	1,770		64	273.465	101.0%
10-Apr	13,000	12,500	1,230	2,820		22,000	21,500	2,060	1,740		63	273.025	100.8%
11-Apr	11,500	11,300	1,200	2,710		20,100	19,700	1,990	1,700		63	272.551	100.6%
12-Apr	11,200	11,200	1,180	2,820		20,100	19,600	3,570	1,930		62	272.411	100.6%
13-Apr	10,600	10,600	1,140	2,650		19,300	19,200	2,940	1,840		62	272.145	100.5%
14-Apr	9,450	9,650	1,160	2,430		18,200	17,900	2,260	1,660		61	271.734	100.3%
15-Apr	9,550	9,130	1,490	2,690		16,600	16,700	1,990	1,570		60	271.050	100.1%
16-Apr	8,290	7,920	1,420	2,690		16,700	16,400	1,840	1,470		61	270.118	99.7%
17-Apr	7,450	7,250	1,240	2,410		15,300	15,000	1,740	1,410		61	269.421	99.5%
18-Apr	6,670	6,500	1,180	2,310		14,400	14,000	1,660	1,370		62	269.040	99.3%
19-Apr	4,970	5,050	919	2,030		13,500	13,000	1,620	1,340		64	268.940	99.3%
20-Apr	4,150	4,060	855	1,850		12,000	11,400	1,580	1,320		64	268.895	99.3%
21-Apr	3,690	3,710	851	1,800		10,200	9,960	1,670	1,520		65	268.784	99.2%
22-Apr	3,490	3,660	856	1,760		9,310	9,220	1,690	1,500		65	268.401	99.1%
23-Apr	3,530	3,820	844	1,720		8,930	8,920	1,620	1,310		65	267.625	98.8%
24-Apr	3,970	4,250	812	1,680		8,820	8,750	1,480	1,270		66	266.758	98.5%
25-Apr	3,900	4,100	751	1,580		9,090	8,980	1,390	1,250		66	266.318	98.3%
26-Apr	3,420	3,620	746	1,540		9,250	8,990	1,370	1,170		66	265.711	98.1%
27-Apr	2,980	3,010	765	1,600		8,820	8,540	1,580	1,280		66	265.464	98.0%
28-Apr	2,700	3,060	808	2,200		8,290	8,270	2,000	1,820		67	265.100	97.9%
29-Apr	4,420	4,820	1,030	2,820		12,200	12,200	5,730	2,850		67	265.661	98.1%
30-Apr	4,520	4,680	1,140	2,330		13,600	13,300	3,780	2,200		68	265.835	98.2%
April Avg	9,692	9,720	1,176	2,528		17,280	17,171	2,328	1,744				
Normal		11,385	1,753	3,648			20,105	3,584	2,680		61		
% of Normal		85.4%	67.1%	69.3%			85.4%	65.0%	65.1%				

NYC 24-hr Reservoir Observations: April 30, 8 am						Directed Releases (cfs): April 30		Summary of NYC Storage Observations for April 30		
	Precip (IN.)	Usable (BG)	Storage (%)	Draft (MG)	Directed Rel (MG)	Blue Marsh	0	NYC Daily Storage (BG)=	265.835	98.2%
Neversink	0.00	33.993	97.3%	0	0	Beltzville	0	NYC Daily Storage Median (BG)=	270.899	100.0%
Pepacton	0.00	137.383	98.0%	401	0	b F.E. Walter	0	BG Below NYC Daily Storage Median =	5.064	-1.87%
Cannonsville	0.00	94.459	98.7%	0	0	Merrill Cr	0	BG Above Drought Watch =	76.365	
Rondout	0.00	48.862	98.5%	721	0	NYC Res.-Excess Bank	0	BG Above Drought Warning =	92.365	
						c Lake Wallenpaupack	0	BG Above Drought =	116.365	
								BG Below One Year Ago =	6.057	
Daily Usable Storage: April 30										
								VOL. (BG)	d %CAP	
						Blue Marsh		6.64	101.2	
						Beltzville		12.98	99.8	

As of April 1, Blue Marsh Reservoir's percent storage capacity is based upon a summer pool usable storage capacity of 6.5 bg.

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.

- ^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 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

- NOTES:**
- The salt front river mile location will be updated as chloride data is received.
 - 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).
 - 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 2008.