

Delaware River Flow and Storage Data - April 2006 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	2,150	2,390	464	1,030		5,860	5,780	1,050	781		72	258.249	95.4%
2-Apr	2,190	2,220	465	1,040		5,610	5,600	1,030	807		72	258.373	95.4%
3-Apr	2,280	2,350	451	1,020		5,520	5,450	1,080	795		72	258.368	95.4%
4-Apr	2,500	2,740	585	1,170		5,440	5,430	1,260	995		72	258.318	95.4%
5-Apr	2,960	3,180	592	1,240		5,780	6,000	1,360	930		72	258.530	95.5%
6-Apr	3,100	3,220	580	1,200		6,530	6,590	1,200	851		72	259.029	95.6%
7-Apr	2,900	3,040	559	1,170		6,950	6,810	1,090	824		73	259.585	95.8%
8-Apr	2,900	3,030	765	1,610		6,760	6,990	1,540	1,090		73	260.103	96.0%
9-Apr	3,270	3,290	774	1,800		9,250	9,020	2,760	1,520		73	260.393	96.1%
10-Apr	3,270	3,200	676	1,450		8,660	8,590	2,090	1,170		73	260.634	96.2%
11-Apr	3,000	3,000	641	1,330		8,040	7,900	1,560	1,030		73	261.061	96.4%
12-Apr	2,900	2,920	623	1,260		7,430	7,300	1,370	957		73	261.284	96.5%
13-Apr	2,820	2,880	631	1,260		7,000	6,950	1,290	937		73	261.611	96.6%
14-Apr	2,720	2,830	641	1,260		6,760	6,810	1,230	936		73	261.857	96.7%
15-Apr	2,840	3,030	696	1,270		6,760	6,760	1,260	969		73	262.276	96.8%
16-Apr	3,320	3,520	652	1,320		7,000	6,960	1,260	953		73	262.727	97.0%
17-Apr	3,150	3,220	618	1,230		7,050	7,080	1,220	920		73	262.775	97.0%
18-Apr	2,880	2,970	597	1,170		7,430	7,130	1,160	908		73	262.764	97.0%
19-Apr	2,660	2,700	532	1,120		6,670	6,610	1,120	872		73	262.687	97.0%
20-Apr	2,500	2,500	465	1,010		6,220	6,220	1,070	887		73	262.559	96.9%
21-Apr	2,320	2,360	451	961		5,780	5,720	1,050	886		73	262.536	96.9%
22-Apr	2,140	2,300	520	1,350		5,610	5,870	1,870	1,420		73	262.549	96.9%
23-Apr	3,380	6,650	1,350	3,660		12,600	13,700	7,870	4,460		73	263.916	97.4%
24-Apr	16,000	17,100	1,630	3,920		17,200	20,300	7,680	4,760		73	269.132	99.4%
25-Apr	18,300	17,800	1,930	4,070		30,900	31,100	7,020	4,810		73	271.941	100.4%
26-Apr	14,900	14,600	2,700	4,750		29,000	28,600	5,530	3,920		73	272.737	100.7%
27-Apr	12,800	12,500	2,120	4,050		24,800	24,300	4,440	3,110		72	272.682	100.7%
28-Apr	10,300	10,200	1,720	3,480		21,400	20,800	3,560	2,510		72	272.642	100.7%
29-Apr	8,780	8,670	1,580	2,980		17,700	17,500	2,950	2,210		71	272.463	100.6%
30-Apr	7,630	7,490	1,460	2,800		15,900	15,600	2,620	2,010		71	271.953	100.4%
April Avg	5,095	5,263	916	1,899		10,587	10,649	2,386	1,641				
Normal		11,385	1,753	3,648			20,105	3,584	2,680		61		
% of Normal		46.2%	52.2%	52.1%			53.0%	66.6%	61.2%				

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		NYC Daily Storage (BG)=	271.953	100.4%	
Neversink	0.00	32.709	93.6%	0	0	Beltzville	0	NYC Daily Storage Median (BG)=	270.899	100.0%	
Pepacton	0.00	140.931	100.5%	441	0	b F.E. Walter	0	BG Above NYC Daily Storage Median =	1.054	0.39%	
Cannonsville	0.00	98.313	102.7%	0	0	Merrill Cr	0	BG Above Drought Watch =	82.483		
Rondout	0.00	48.361	97.5%	411	0	NYC Res.-Excess Bank	0	BG Above Drought Warning =	98.483		
						c Lake Wallenpaupack	0	BG Above Drought =	122.483		
								BG Below One Year Ago =	2.172		

Daily Usable Storage: April 30		
	VOL. (BG)	d%CAP
Blue Marsh	6.63	101.1
Beltzville	13.21	101.6

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 2006.