

Delaware River Flow and Storage Data - May 2004 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	Phila (CFS)	Potts (CFS)	Max Temp	66		BG	%CAP
										Degrees C Vincent Dam				
1-May	7,560	7,410	1,360	2,280		15,400	15,300	3,440	2,300			272.434	100.6%	
2-May	6,660	6,630	1,490	2,380		14,400	14,300	3,240	2,190		66	272.104	100.5%	
3-May	7,000	8,310	3,050	4,200		13,700	14,300	3,930	3,390		67	272.488	100.6%	
4-May	11,200	10,800	3,440	5,210		18,600	19,800	6,690	3,920		67	272.812	100.7%	
5-May	9,260	9,160	2,640	3,990		22,400	21,500	4,790	3,000		67	272.654	100.7%	
6-May	8,740	8,930	2,170	3,460		18,900	18,600	4,070	2,630		67	272.633	100.7%	
7-May	8,620	8,810	2,000	3,070		17,500	17,500	3,570	2,410		66	272.653	100.7%	
8-May	8,390	7,870	2,260	3,220		17,800	17,700	3,400	2,350		65	272.479	100.6%	
9-May	6,600	6,790	2,170	3,140		16,900	16,500	3,070	2,080		65	272.223	100.5%	
10-May	6,660	6,930	1,740	2,870		14,900	14,900	2,910	2,020		64	271.964	100.4%	
11-May	7,330	7,950	2,290	2,830		14,300	14,600	2,700	1,900		63	272.024	100.4%	
12-May	9,130	9,100	2,290	2,980		18,000	17,800	2,480	1,790		63	271.952	100.4%	
13-May	10,000	9,880	2,250	3,080		18,200	18,700	2,260	1,650		62	272.027	100.4%	
14-May	9,660	9,720	1,900	2,620		19,600	19,500	2,060	1,570		62	272.302	100.5%	
15-May	8,740	8,090	1,940	3,130		18,100	18,300	2,000	1,640		62	272.201	100.5%	
16-May	6,690	6,840	2,020	3,150		18,600	18,000	2,740	1,950		61	272.211	100.5%	
17-May	6,970	6,890	1,620	2,740		16,200	15,800	2,890	1,950		61	272.018	100.4%	
18-May	6,770	6,500	1,370	2,360		14,500	14,600	2,430	1,670		61	271.412	100.2%	
19-May	6,400	6,350	1,450	2,400		13,600	13,600	2,600	1,690		60	271.244	100.2%	
20-May	5,790	5,900	1,310	2,300		13,400	13,400	2,560	1,610		60	270.982	100.1%	
21-May	5,110	5,160	1,240	2,140		12,800	12,500	2,120	1,490		60	270.794	100.0%	
22-May	4,710	4,460	1,210	1,990		11,500	11,300	1,990	1,440		60	270.647	99.9%	
23-May	3,610	3,650	1,110	1,900		10,600	10,400	1,880	1,370		61	270.490	99.9%	
24-May	3,340	3,750	1,050	1,840		9,420	9,080	1,750	1,290		62	270.309	99.8%	
25-May	4,250	4,350	852	1,710		8,610	8,450	1,530	1,180		63	270.458	99.9%	
26-May	3,760	3,950	966	1,640		8,980	8,770	1,480	1,190		65	270.433	99.9%	
27-May	4,370	4,660	2,000	2,460		8,770	9,240	2,350	2,220		66	271.123	100.1%	
28-May	6,430	6,140	3,040	3,920		12,800	13,100	3,110	2,020		67	272.642	100.7%	
29-May	6,430	6,290	2,370	3,180		14,400	14,200	2,350	1,570		68	272.865	100.7%	
30-May	6,010	5,760	1,990	2,750		13,200	13,000	1,870	1,350		68	272.622	100.7%	
31-May	4,880	4,850	1,190	2,120		12,100	12,000	1,680	1,330		68	272.284	100.5%	
May Avg	6,809	6,835	1,864	2,808		14,780	14,734	2,772	1,941					
Normal		6,861	1,578	2,760			13,645	2,783	2,073		64			
% of Normal		99.6%	118.1%	101.8%			108.0%	99.6%	93.6%					

NYC 24-hr Reservoir Observations: May 31, 8 am

	Precip (IN.)	Usable (BG)	Storage (%)	Draft (MG)	Directed Rel (MG)	DIRECTED RELEASES (CFS)		Summary of NYC Storage Observations for May 31		
								NYC Daily Storage (BG)=		
						Blue Marsh	0	NYC Daily Storage Median (BG)=	269.679	99.6%
Neversink	0.00	34.625	99.1%	232	0	Beltville	0	BG Above NYC Daily Storage Median =	2.605	0.97%
Pepacton	0.00	140.505	100.2%	444	0	^b F.E. Walter	0	BG Above Drought Watch =	82.284	
Cannonsville	0.00	97.154	101.5%	0	0	Merrill Cr	0	BG Above Drought Warning =	98.284	
Rondout	0.00	49.208	99.2%	856	0	NYC Res.- Excess Bank	0	BG Above Drought =	122.284	
						^c Lake Wallenpaupack	0	BG Above One Year Ago =	0.044	

DAILY USABLE STORAGE 5/31/04		
	VOL. (BG)	^d %CAP
Blue Marsh	6.49	99.8
Beltville	13.14	101.1

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; MG= Million Gallons; CFS=Cubic Feet per Second

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

NOTES:

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

2. Normal flow values represent 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).