

Delaware River Flow and Storage Data - May 2003 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	Lehigh FLOW (CFS)	Bethl FLOW (CFS)	Easton MIN DO (MG/L)	8:00 AM	MEAN	Phila (CFS)	Potts (CFS)	Max Temp Degrees C Vincent Dam	BG		%CAP	
1-May	5,709	5,730	1,060	1,900		11,800	11,700	1,970	1,710		67	271.916	100.4%	
2-May	5,400	5,430	1,030	1,890		11,000	11,000	1,830	1,630		67	272.343	100.6%	
3-May	7,840	8,470	1,010	1,770		10,700	10,500	1,740	1,630		67	273.448	101.0%	
4-May	10,000	9,850	852	1,670		11,500	12,400	1,710	1,560		67	273.224	100.9%	
5-May	8,900	8,590	837	1,570		14,700	14,400	1,650	1,500		67	272.773	100.7%	
6-May	7,780	7,550	846	1,590		13,600	13,300	1,650	1,440		67	272.357	100.6%	
7-May	7,030	6,790	837	1,580		12,400	12,200	1,590	1,430		67	271.971	100.4%	
8-May	6,150	6,050	835	1,660		11,800	11,700	2,020	1,530		67	271.412	100.2%	
9-May	5,710	5,730	842	1,620		11,300	11,100	1,760	1,540		67	271.142	100.1%	
10-May	5,080	5,000	985	1,660		10,600	10,500	1,640	1,420		67	270.932	100.0%	
11-May	4,540	4,450	911	1,650		9,920	9,780	1,550	1,370		67	270.704	100.0%	
12-May	4,180	4,550	978	1,850		9,090	9,100	1,490	1,330		67	271.148	100.1%	
13-May	6,070	5,970	926	1,760		9,090	8,960	1,400	1,270		67	271.525	100.3%	
14-May	5,630	5,640	902	1,630		9,870	9,890	1,310	1,200		67	271.864	100.4%	
15-May	5,450	5,400	878	1,570		9,870	9,850	1,220	1,150		68	272.025	100.4%	
16-May	5,190	5,040	842	1,520		9,640	9,530	1,210	1,130		68	272.039	100.4%	
17-May	4,710	4,750	871	1,500		9,200	9,110	1,360	1,210		68	272.069	100.5%	
18-May	4,370	4,290	850	1,550		8,550	8,600	1,340	1,210		68	272.075	100.5%	
19-May	4,010	3,940	747	1,430		8,400	8,160	1,260	1,150		68	271.938	100.4%	
20-May	3,760	3,780	682	1,330		7,530	7,430	1,160	1,080		68	271.836	100.4%	
21-May	3,690	3,720	739	1,370		7,140	7,140	1,250	1,190		68	271.759	100.3%	
22-May	3,560	3,540	739	1,400		7,240	7,290	1,340	1,140		68	271.597	100.3%	
23-May	3,470	3,430	713	1,350		6,950	7,060	1,210	1,070		69	271.213	100.1%	
24-May	3,340	3,270	830	1,460		6,910	7,040	1,200	1,170		69	271.046	100.1%	
25-May	3,130	3,200	878	1,570		7,050	7,280	1,420	1,410		69	271.148	100.1%	
26-May	3,780	4,310	1,160	2,700		7,680	10,700	7,390	2,590		69	271.167	100.1%	
27-May	6,040	6,110	1,330	2,800		15,100	15,100	7,050	3,220		69	271.384	100.2%	
28-May	5,630	5,620	1,710	2,910		14,600	14,600	4,260	2,870		69	271.547	100.3%	
29-May	5,080	5,260	1,680	3,030		14,500	14,400	3,710	2,820		69	271.612	100.3%	
30-May	5,110	4,850	1,320	2,580		13,600	13,100	3,340	2,570		69	271.968	100.4%	
31-May	4,290	4,400	1,350	2,380		12,200	11,770	2,730	2,180		68	272.240	100.5%	
May Avg	5,311	5,313	973	1,815		10,436	10,474	2,121	1,604					
Normal		6,861	1,578	2,760			13,645	2,783	2,073		64			
% of Normal		77.4%	61.7%	65.7%			76.8%	76.2%	77.4%					

NYC 24-hr Reservoir Observations: May 31, 8 am						DIRECTED RELEASES (CFS)	Summary of NYC Storage Observations for May 31			
	Precip (IN.)	Usable (BG)	Storage (%)	Draft (MG)	Directed Rel (MG)		NYC Daily Storage (BG)=	272.240	100.5%	
Neversink	0.03	34.917	99.9%	0	0	Blue Marsh	0	NYC Daily Storage Median (BG)=	269.679	99.6%
Pepacton	0.00	140.523	100.2%	0	0	Beltzville	0	BG Above NYC Daily Storage Median =	2.561	0.95%
Cannonsville	0.00	96.800	101.1%	0	0	^b F.E. Walter	0	BG Above Drought Watch =	82.240	
Rondout	0.03	48.909	98.6%	176	0	Merrill Cr	0	BG Above Drought Warning =	98.240	
						NYC Res.-	0	BG Above Drought =	122.240	
						Excess Bank	0	BG Above One Year Ago =	52.258	
						^c Lake Wallenpaupack	0			
						DAILY USABLE STORAGE 5/31/03				
							VOL. (BG)	^d %CAP		
						Blue Marsh	6.66	102.5		
						Beltzville	13.16	101.2		

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. The daily mean flow value for the Delaware River at Trenton, NJ for May 31 has been estimated.