

Delaware River Flow and Storage Data - October 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-Oct	12,600	12,400	1,670	4,500		29,000	27,700	3,700	2,560		60	274.405	101.3%	
2-Oct	10,800	10,600	1,390	3,690		23,700	23,000	3,300	2,400		59	274.150	101.2%	
3-Oct	9,390	9,240	1,260	3,310		20,400	19,800	2,970	2,210		59	273.669	101.0%	
4-Oct	7,440	7,720	1,130	3,140		17,800	17,500	2,760	2,060		59	273.272	100.9%	
5-Oct	7,180	8,130	1,130	3,060		16,400	16,200	2,840	2,120		60	273.815	101.1%	
6-Oct	8,740	8,700	1,050	3,040		15,100	15,800	2,700	1,900		60	273.520	101.0%	
7-Oct	7,330	7,350	910	2,900		16,400	16,300	2,350	1,750		61	272.772	100.7%	
8-Oct	6,830	6,810	831	2,530		14,700		2,200	1,660		62	272.513	100.6%	
9-Oct	5,740	6,090	1,040	2,240		13,400	13,300	2,090	1,580		63	272.630	100.7%	
10-Oct	5,240	5,610	1,050	2,080		12,400	12,200	1,960	1,530		63	272.292	100.5%	
11-Oct	4,830	5,200	1,140	2,030		11,500	11,400	1,870	1,440		64	271.891	100.4%	
12-Oct	4,440	4,760	1,100	2,020		11,200	10,800	1,800	1,370		65	271.433	100.2%	
13-Oct	4,060	4,450	1,040	1,930		10,400	10,200	1,700	1,310		65	271.066	100.1%	
14-Oct	4,610	4,450	1,000	1,880		9,870	9,610	1,680	1,290		65	270.650	99.9%	
15-Oct	5,630	7,400	2,090	3,700		11,900	13,300	5,770	3,250		66	270.818	100.0%	
16-Oct	11,800	11,500	1,880	3,360		16,600	17,300	5,010	3,360		66	271.561	100.3%	
17-Oct	9,820	9,300	1,730	2,840		20,600	20,000	3,640	2,420		66	271.402	100.2%	
18-Oct	8,270	7,770	1,620	2,760		17,800	17,300	3,490	2,250		66	271.049	100.1%	
19-Oct	6,490	6,690	1,900	2,770		15,600	15,400	3,110	2,030		66	270.695	99.9%	
20-Oct	6,260	6,840	1,850	2,740		14,200	14,100	2,710	1,860		67	270.570	99.9%	
21-Oct	7,150	6,910	1,730	2,640		13,400	13,500	2,470	1,740		67	269.988	99.7%	
22-Oct	6,690	6,510	855	2,100		13,800	13,700	2,330	1,640		67	269.655	99.6%	
23-Oct	6,660	6,180	827	1,790		12,600	12,400	2,290	1,590		68	269.346	99.4%	
24-Oct	5,980	5,790	1,630	2,140		11,800	11,700	2,030	1,480		68	269.182	99.4%	
25-Oct	5,190	5,250	1,580	2,330		11,800	11,600	1,880	1,410		68	268.693	99.2%	
26-Oct	4,320	4,500	1,540	2,280		11,500	11,200	1,800	1,370		68	268.254	99.0%	
27-Oct	4,440	6,940	2,870	4,670		11,300	16,200	12,400	3,800		69	268.551	99.2%	
28-Oct	25,800	28,500	4,210	8,100		37,800	39,700	18,100	7,590		69	274.864	101.5%	
29-Oct	28,700	36,000	6,940	11,400		65,000	67,700	18,600	8,550		68	276.847	102.2%	
30-Oct	54,900	49,900	5,720	11,400		75,800	78,400	13,700	9,200		68	280.814	103.7%	
31-Oct	36,500	34,300	5,970	9,430		80,200	75,300	9,800	6,960		67	279.041	103.0%	
October Avg	10,769	11,025	1,958	3,703		21,418	21,754	4,615	2,764					
Normal		2,391	697	1,486			5,320	1,244	940		81			
% of Normal		461.1%	280.8%	249.2%			408.9%	370.9%	294.0%					

NYC 24-hr Reservoir Observations: October 31, 8 am						DIRECTED RELEASES (CFS)		Summary of NYC Storage Observations for October 31			
	Precip (IN .)	Usable (BG)	Storage (%)	Draft (MG)	Directed Rel (MG)			NYC Daily Storage (BG)=	279.041	103.0%	
Neversink	0.04	35.289	101.0%	0	0	Blue Marsh	0	NYC Daily Storage Median (BG)=	147.470	54.4%	
Pepacton	0.00	142.864	101.9%	0	0	Beltzville	0	BG Above NYC Daily Storage Median =	131.571	89.22%	
Cannonsville	0.00	100.888	105.4%	0	0	^b F.E. Walter	0	BG Above Drought Watch =	169.041		
Rondout	0.00	49.583	99.9%	731	0	Merrill Cr	0	BG Above Drought Warning =	185.041		
						NYC Res.- Excess Bank	0	BG Above Drought =	209.041		
						^c Lake Wallenpaupack	0	BG Above One Year Ago =	123.122		
DAILY USABLE STORAGE 10/31/03											
							VOL. (BG)	^d%CAP			
						Blue Marsh	5.04	105.9			
						Beltzville	13.29	102.2			

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. Starting October 1, Blue Marsh reservoir will begin its seasonal drawdown to winter pool storage of 4.76 bg.
3. The daily mean flow value for the Delaware River at Trenton, NJ for October 8 is currently unavailable.