Delaware River Flow and Storage Data - October 2002 Summary

DAY	Delaware @ Montague (CFS)		Lehigh River @ Lehighton FLOW (CFS)	Bethl FLOW (CFS)	Easton MIN DO (MG/L)	Delaware @ Trenton (CFS)		Schuylkill River @ Phila (CFS)	Potts (CFS)	Max Temp Degrees C Vincent Dam	[a] Salt Front River Mile	New York City Delaware River Basin Storage BG	%CAP
	8:00 AM	MEAN				8:00 AM	MEAN						
1-Oct	1,770	1,830	491	878		5,780	5,560	948	731		88	136.627	50.4%
2-Oct	1,440	1,510	473	885		4,600	4,460	747	621		88	136.380	50.4%
3-Oct	1,610	1,460	459	858		3,730	3,610	632	560		87	135.974	50.2%
4-Oct	1,530	1,600	369	849		3,220	3,180	556	725		87	135.242	49.9%
5-Oct	2,110	2,050	866	978		3,220	3,140	824	670		87	134.814	49.8%
6-Oct	2,090	2,010	417	1,110		3,010	3,260	698	592		87	134.153	49.5%
7-Oct	1,960	1,880		740		4,330	4,000	662	525		87	133.691	49.4%
8-Oct	2,260	1,980	338	714		3,670	3,560	538	563		87	132.469	48.9%
9-Oct	2,260	1,850	311	694		3,250	3,230	553	559		87	131.735	48.6%
10-Oct	2,460	1,900		717		3,470	3,380	639	577		87	130.946	48.3%
11-Oct	2,670	2,380		2,550		3,866	4,740	2,560	2,770		87	130.006	48.0%
12-Oct	6,540	8,050	1,820	7,090		15,600	19,100	7,480	5,630		87	130.286	48.1%
13-Oct	13,400	12,500	1,270	3,650		24,000	24,400	5,660	3,940		87	132.306	48.9%
14-Oct	9,460	8,920	1,440	3,020		24,900	23,600	3,560	2,530		87	133.281	49.2%
15-Oct	6,860	6,380		3,010		18,300	17,700	2,410	1,890		86	133.725	49.4%
16-Oct	5,160	5,620		4,540		15,600	14,800	2,650	3,380		85	134.300	49.6%
17-Oct	17,400	19,000		9,540		19,200	22,200	8,340	7,600		83	138.665	51.2%
18-Oct	18,300	17,000		6,740		36,300	35,800	6,960	5,250		80	142.766	52.7%
19-Oct	11,500	11,000	2,170	4,110		30,300	28,600	4,740	3,620		77	145.354	53.7%
20-Oct	8,490	8,270	2,280	3,530		20,700	20,100	3,650	3,010		75	147.281	54.4%
21-Oct	6,800	6,620	2,150	3,210		17,000	16,600	3,140	2,540		73	148.890	55.0%
22-Oct	5,580	5,470	1,890	2,850		14,700	14,200	2,420	1,660		72	150.061	55.4%
23-Oct	4,780	4,690	1,370	2,270		12,500	12,100	1,730	1,350		71	151.159	55.8%
24-Oct	3,850	3,810	1,110	1,910		10,500	10,300	1,450	1,220		69	152.088	56.2%
25-Oct	3,810	3,620	1,040	1,760		9,140	8,830	1,280	1,190		69	152.571	56.3%
26-Oct	3,690	4,030	1,410	2,640		8,710	9,490	2,450	2,020		69	153.007	56.5%
27-Oct	6,660	6,440	1,300	2,530		12,300	11,900	3,520	2,300		68	154.119	56.9%
28-Oct	5,960	5,580	1,240	2,180		12,700	12,900	2,570	1,780		68	154.913	57.2%
29-Oct	4,930	4,660	1,440	2,380		12,500	12,100	2,160	1,690		68	155.340	57.4%
30-Oct	4,340	4,180	1,460	2,510		11,300	11,400	3,490	2,380		68	155.653	57.5%
31-Oct	3,990	3,840	1,430	2,610		11,000	11,100	5,950	3,120		68	155.919	57.6%
October Avg	5,602	5,488	1,189	2,679		12,239	12,237	2,741	2,161				
Normal		**2,351**	**823**	**1,306**			**4,887**	**1,129**	**860**		**81**		
% of Normal		233.4%	144.5%	205.1%			250.4%	242.8%	251.3%				

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

	Precip (IN.)	Usable (BG)	Storage (%)	Draft (MG)	Directed Rel (MG)
Neversink	0.00	22.807	65.3%	0	0
Pepacton	0.00	87.366	62.3%	224	0
Cannonsville	0.00	45.746	47.8%	296	0
Rondout	0.00	44.473	89.6%	598	0

DIRECTED RELEASES (CFS)

Blue Marsh	0
Beltzville	0
[b] F.E. Walter	0
Merrill Cr	0
NYC Res.-Excess Bank	0
[c] Lake Wallenpaupack	0

Summary of NYC Storage Observations for October 31

NYC Daily Storage (BG)=	155.919	57.6%
NYC Daily Storage Median (BG)=	147.470	54.4%
BG Above NYC Daily Storage Median =	8.449	5.73%
BG Above Drought Watch =	45.919	
BG Above Drought Warning =	61.919	
BG Above Drought =	85.919	
BG Above One Year Ago =	57.051	

DAILY USABLE STORAGE 10/31/02

	VOL. (BG)	[d] %CAP
Blue Marsh	4.95	104.0
Beltzville	13.22	101.7
F.E. Walter	6.56	105.6

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. As of 10/17/02, specific conductance data used for the salt front location determination are supplied by Delaware River gages at Reedy Island, DE & Chester, PA .

2. The daily mean flow value for the Lehigh River at Lehighton is currently unavailable for 10/7,10/10-11, and 10/15-18.