Delaware River Flow and Storage Data - October 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 Degrees C Vincent Dam		BG	%CAP
1-Oct	7,790	7,940	1,390	2,540		16,200	15,800	2,410	1,540		69	246.913	91.2%
2-Oct	7,630	7,630	1,430	2,450		13,600	13,600	2,090	1,410		69	247.741	91.5%
3-Oct	7,200	7,110	1,550	2,510		13,000	13,000	1,830	1,210		69	248.216	91.6%
4-Oct	6,270	6,350	1,540	2,410		12,600	12,300	1,620	1,150		69	248.429	91.7%
5-Oct	5,790	5,920	2,350	4,090		12,700	13,800	1,640	1,740		69	248.609	91.8%
6-Oct	5,490	5,600	1,930	3,560		15,200	14,600	3,000	2,240		69	248.716	91.8%
7-Oct	5,120	5,100	1,790	3,020		12,800	12,400	2,860	1,690		69	248.641	91.8%
8-Oct	4,570	4,620	1,720	2,860		11,600	11,200	2,160	1,470		70	248.424	91.7%
9-Oct	4,220	4,230	1,680	2,750		10,600	10,300	1,920	1,380		70	248.129	91.6%
10-Oct	3,830	3,850	1,460	2,670		9,810	9,640	1,820	1,290		70	247.715	91.5%
11-Oct	3,670	3,700	1,580	2,440		9,140	9,270	1,850	1,200		70	247.220	91.3%
12-Oct	3,620	3,830	1,680	2,670		9,920	9,640	1,940	1,180		70	246.829	91.1%
13-Oct	4,010	3,760	1,620	2,580		9,140	9,180	1,650	1,150		70	246.921	91.2%
14-Oct	3,270	3,450	1,700	2,550		9,030	9,000	1,510	1,070		70	246.555	91.0%
15-Oct	3,290	3,260	1,660	2,530		8,340	8,300	1,460	1,010		70	246.154	90.9%
16-Oct	3,120	3,110	1,580	2,440		8,090	8,040	1,360	981		70	245.692	90.7%
17-Oct	3,040	3,240	1,560	2,520		7,880	8,220	1,820	1,230		70	245.274	90.6%
18-Oct	4,060	5,280	1,880	3,440		11,600	11,500	3,670	2,120		70	245.395	90.6%
19-Oct	6,490	6,770	1,660	2,950		12,800	12,900	3,320	2,110		70	245.363	90.6%
20-Oct	5,630	6,140	1,850	3,140		14,300	15,000	4,210	2,030		70	245.835	90.8%
21-Oct	13,900	14,000	1,710	3,230		15,000	15,000	4,170	2,250		70	248.801	91.9%
22-Oct	12,100	11,800	1,930	3,110		20,400	20,600	3,340	2,110		70	250.649	92.5%
23-Oct	9,040	9,090	1,790	3,130		19,300	18,900	2,880	1,970		70	251.950	93.0%
24-Oct	7,480	7,560	1,410	2,820		16,300	16,100	2,630	1,910		69	253.161	93.5%
25-Oct	6,440	6,550	1,160	2,420		14,300	14,000	2,450	1,790		69	253.929	93.8%
26-Oct	5,740	5,920	1,130	2,270		12,600	12,400	2,190	1,450		69	254.708	94.0%
27-Oct	5,230	5,450	1,100	2,200		11,800	11,500	1,870	1,380		69	255.256	94.2%
28-Oct	5,930	10,000	2,770	6,150		14,700	20,000	11,400	4,420		69	256.293	94.6%
29-Oct	33,800	29,600	3,550	7,500		33,100	36,400	12,600	8,160		69	263.969	97.5%
30-Oct	20,000	19,300	4,460	7,570		46,400	43,700	8,240	5,700		68	267.341	98.7%
31-Oct	15,400	15,000	3,610	6,420		33,900	33,000	6,190	4,550		68	268.073	99.0%
October Avg	7,522	7,586	1,878	3,321		15,037	15,138	3,294	2,093				
Normal		**2,391**	**697**	**1,486**			**5,320**	**1,244**	**940**		**81**		
% of Normal		317.3%	269.5%	223.5%			284.6%	264.8%	222.7%				

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

	Precip (IN.)	Usable (BG)	Storage (%)	Draft (MG)	Directed Rel (MG)
Neversink	0.00	34.287	98.1%	0	0
Pepacton	0.00	135.312	96.5%	0	0
Cannonsville	0.00	98.474	102.9%	0	0
Rondout	0.00	47.643	96.0%	717	0

Directed Releases (cfs): October 31

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: October 31

NYC Daily Storage (BG)=	268.073	99.0%
NYC Daily Storage Median (BG)=	147.470	54.4%
BG Above NYC Daily Storage Median =	120.603	81.78%
BG Above Drought Watch =	158.073	
BG Above Drought Warning =	174.073	
BG Above Drought =	198.073	
BG Above One Year Ago =	99.941	

Daily Usable Storage: October 31

	VOL. (BG)	[d] %CAP
Blue Marsh	5.54	116.4
Beltzville	13.05	100.4

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:

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

2. 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) .

3. 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 2007.

4. As of October 1, Blue Marsh reservoir will begin its seasonal drawdown to winter pool storage of 4.76 bg.