Delaware River Flow and Storage Data - December 2007 Summary

DAY	Delaware @ Montague (CFS)		Lehigh River @			Delaware @ Trenton (CFS)		Schuylkill River @			[a] Salt	New York City Delaware River Basin Storage	
			Lehighton FLOW (CFS)	Bethl FLOW (CFS)	Easton MIN DO (MG/L)			Philadelphia (CFS)	Pottstown (CFS)	Max Temp Degrees C Vincent Dam	Front River Mile	BG	%CAP
	8:00 AM	MEAN				8:00 AM	MEAN						
1-Dec	8,520	7,880	1,770	3,630		18,500	18,300	2,530	1,760		71	217.748	80.4%
2-Dec	6,990	6,680	1,660	3,290		16,400	16,000	2,280	1,580		71	218.896	80.8%
3-Dec	6,580	6,510	1,780	3,530		15,100	15,100	3,400	1,890		71	220.004	81.2%
4-Dec	7,450	7,590	1,720	3,500		15,200	15,200	3,580	1,920		70	221.332	81.7%
5-Dec	6,790	6,740	1,590	3,180		15,600	15,400	2,770	1,670		70	222.741	82.2%
6-Dec	5,960	5,900	1,490	3,010		14,400	14,100	2,290	1,470		70	224.041	82.7%
7-Dec	5,120	5,230	1,260	2,670		13,000	12,700	1,940	1,340		70	224.756	83.0%
8-Dec	4,570	4,810	1,150	2,480		11,900	11,500	1,840	1,270		70	225.015	83.1%
9-Dec	4,990	4,770	1,140	2,450		10,900	10,600	1,800	1,240		70	225.312	83.2%
10-Dec	4,660	4,710	1,300	2,890		11,200	11,400	2,160	1,630		70	225.714	83.3%
11-Dec	4,970	4,940	1,510	3,110		11,800	11,800	2,690	1,800		71	226.423	83.6%
12-Dec	5,410	5,560	1,560	3,060		12,300	12,000	2,500	1,640		72	227.331	83.9%
13-Dec	8,710	8,870	1,780	3,350		12,500	12,700	2,780	2,160		72	229.156	84.6%
14-Dec	8,100	8,140	1,990	3,820		17,900	18,000	5,890	2,920		72	230.198	85.0%
15-Dec	6,990	7,080	1,750	3,600		17,900	17,600	4,820	3,070		72	231.351	85.4%
16-Dec	6,730	6,480	1,590	3,480		16,900	17,100	10,400	4,760		72	232.492	85.8%
17-Dec	6,990	6,300	1,510	3,380		16,900	16,200	10,100	3,740		72	233.450	86.2%
18-Dec	7,510	6,800	1,360	3,020		14,400	13,900	5,130	2,800		72	234.173	86.5%
19-Dec	5,900	5,900	1,250	2,760		13,600	13,400	3,920	2,310		72	234.324	86.5%
20-Dec	6,700	6,820	1,140	2,610		13,000	12,700	3,350	2,090		72	233.865	86.3%
21-Dec	6,640	7,010	1,100	2,520		12,900	13,000	3,020	1,930		72	233.307	86.1%
22-Dec	6,670	6,340	1,000	2,410		13,200	13,200	2,830	1,840		72	232.684	85.9%
23-Dec	6,240	6,110	1,410	3,030		13,200	13,300	2,990	1,950		71	232.185	85.7%
24-Dec	15,400	19,300	3,890	10,200		24,900	28,800	7,000	5,030		72	237.074	87.5%
25-Dec	20,200	19,800	2,450	6,630		42,300	41,700	7,820	5,110		71	241.176	89.0%
26-Dec	14,500	14,500	3,080	5,310		34,300	33,500	5,790	3,870		71	243.293	89.8%
27-Dec	11,900	11,900	5,150	7,970		29,800	30,100	6,300	3,510		71	244.611	90.3%
28-Dec	11,300	10,900	3,840	7,070		27,300	27,000	4,890	2,820		70	245.681	90.7%
29-Dec	10,300	11,100	2,650	5,830		28,100	27,600	6,850	3,790		69	246.847	91.1%
30-Dec	14,800	14,000	2,560	5,550		27,000	27,400	6,520	3,580		68	248.295	91.7%
31-Dec	13,000	12,800	2,540	5,890		31,800	30,600	7,330	4,090		67	249.485	92.1%
December Avg	8,406	8,435	1,935	4,040		18,523	18,448	4,436	2,599				
Normal		**4,917**	**1,351**	**2,757**			**11,310**	**3,090**	**2,133**		**74**		
% of Normal		171.5%	143.2%	146.5%			163.1%	143.6%	121.9%				

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

	Precip (IN.)	Usable (BG)	Storage (%)	Draft (MG)	Directed Rel (MG)
Neversink	0.65	29.199	83.6%	0	0
Pepacton	0.45	126.953	90.6%	0	0
Cannonsville	0.66	93.333	97.5%	0	0
Rondout	0.59	45.747	92.2%	606	0

Directed Releases (cfs): December 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: December 31

NYC Daily Storage (BG)=	249.485	92.1%
NYC Daily Storage Median (BG)=	188.828	69.7%
BG Above NYC Daily Storage Median =	60.657	32.12%
BG Above Drought Watch =	123.591	
BG Above Drought Warning =	139.591	
BG Above Drought =	163.591	
BG Below One Year Ago =	4.813	

Daily Usable Storage: December 31

	VOL. (BG)	[d] %CAP
Blue Marsh	5.08	106.7
Beltzville	13.07	100.5

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 2008.