Delaware River Flow and Storage Data - December 2005 Summary

DAY	Delaware @ Montague (CFS)		Lehigh River @			Delaware @ Trenton (CFS)		Schuylkill River @			[a] Salt Front River Mile	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			
	8:00 AM	MEAN				8:00 AM	MEAN					BG	%CAP
1-Dec	23,300	21,600	4,950	7,550		33,600	37,100	6,950	4,310		69	213.173	78.7%
2-Dec	15,200	14,400	3,950	6,520		38,000	36,500	4,990	3,130		68	217.084	80.2%
3-Dec	12,200	11,600	2,900	4,790		28,400	27,300	3,910	2,530		68	220.224	81.3%
4-Dec	9,880	9,760	2,720	4,480		23,400	22,700	3,370	2,260		67	222.590	82.2%
5-Dec	8,740	8,510	2,350	4,130		20,200	19,800	3,160	2,040		66	224.556	82.9%
6-Dec	7,810	7,620	1,750	3,200		17,800	17,400	2,730	1,830		65	226.222	83.5%
7-Dec	7,240	6,810	1,630	2,950		15,900	15,800	2,450	1,690		63	227.707	84.1%
8-Dec	6,510	6,060	1,430	2,630		14,600	14,400	2,220	1,560		61	228.639	84.4%
9-Dec	5,550	5,440	1,370	2,500		13,500	13,300	2,100	1,500		60	229.951	84.9%
10-Dec	4,610	4,500	1,260	2,410		12,800	12,600	2,110	1,480		61	230.658	85.2%
11-Dec	4,510	4,390	1,230	2,240		11,600	11,400	2,050	1,400		63	231.282	85.4%
12-Dec	4,270	4,390	1,210	2,250		11,000	10,800	1,960	1,370		64	231.939	85.6%
13-Dec	4,270	4,200	1,190	2,110		10,400	10,400	1,790	1,290		64	232.576	85.9%
14-Dec	3,900	3,720	1,050	1,860		10,800	10,000	1,590	1,110		65	232.748	85.9%
15-Dec	3,850	3,660	945	1,730		9,090	8,930	1,430	1,050		66	232.792	86.0%
16-Dec	3,650	4,630	2,110	4,590		10,800	15,900	12,900	4,560		67	233.316	86.1%
17-Dec	7,060	6,650	2,240	5,360		24,300	22,800	11,400	5,800		67	233.860	86.3%
18-Dec	7,240	6,650	2,530	4,630		19,700	19,200	6,870	4,100		67	234.232	86.5%
19-Dec	5,240	5,220	2,290	4,360		17,900	17,400	5,250	3,370		67	234.335	86.5%
20-Dec	5,210	4,860	1,780	3,830		15,900	15,300	4,430	2,980		67	234.322	86.5%
21-Dec	5,140	5,130	1,410	3,110		13,800	13,200	3,890	2,650		67	234.243	86.5%
22-Dec	5,240	5,230	1,320	2,770		12,100	11,900	3,480	2,400		67	234.019	86.4%
23-Dec	4,460	4,690	1,290	2,650		11,800	11,600	3,110	2,130		66	233.904	86.4%
24-Dec	4,150	4,270	1,270	2,590		11,800	11,500	2,800	1,920		66	233.854	86.3%
25-Dec	4,010	4,170	1,350	2,780		11,300	11,200	2,810	2,170		67	233.755	86.3%
26-Dec	5,190	6,330	2,130	5,110		14,500	15,500	7,280	4,470		69	234.378	86.5%
27-Dec	9,690	9,360	1,930	4,790		18,500	19,300	6,550	4,280		69	236.373	87.3%
28-Dec	8,620	8,470	2,090	4,610		21,400	21,100	5,680	4,230		69	237.564	87.7%
29-Dec	7,470	7,710	2,770	5,230		19,400	19,800	5,380	4,040		70	238.318	88.0%
30-Dec	11,800	12,700	2,570	5,180		20,100	20,400	5,860	4,170		70	241.441	89.1%
31-Dec	14,200	13,800	2,450	4,710		25,000	25,700	5,180	3,620		70	245.012	90.5%
December Avg	7,426	7,307	1,983	3,795		17,400	17,427	4,377	2,756				
Normal		**4,917**	**1,351**	**2,757**			**11,310**	**3,090**	**2,133**		**74**		
% of Normal		148.6%	146.8%	137.7%			154.1%	141.6%	129.2%				

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

	Precip (IN.)	Usable (BG)	Storage (%)	Draft (MG)	Directed Rel (MG)
Neversink	0.00	33.499	95.9%	273	0
Pepacton	0.00	124.135	88.5%	0	0
Cannonsville	0.00	87.378	91.3%	0	0
Rondout	0.00	47.149	95.0%	408	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)=	245.012	90.5%
NYC Daily Storage Median (BG)=	188.828	69.7%
BG Above NYC Daily Storage Median =	56.184	29.75%
BG Above Drought Watch =	119.118	
BG Above Drought Warning =	135.118	
BG Above Drought =	159.118	
BG Below One Year Ago =	26.134	

Daily Usable Storage: December 31

	VOL. (BG)	[d] %CAP
Blue Marsh	4.90	102.9
Beltzville	13.13	101.0

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 2006.