Delaware River Flow and Storage Data - January 2008 Summary

DAY	Delaware @ Montague (CFS)		Lehigh River @			Delaware @ Trenton (CFS)		Schuylkill River @		Max Temp Degrees C	[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)	Vincent Dam		BG	%CAP
1-Jan	12,100	11,900	2,460	5,490		28,600	28,100	6,130	3,850		66	249.832	92.2%
2-Jan	11,100	11,300	2,380	5,340		26,800	26,300	5,180	3,540		65	249.860	92.3%
3-Jan	10,400	10,400	2,160	4,690		23,900	23,600	4,410	3,050		66	249.397	92.1%
4-Jan	10,400	9,190	1,550	3,890		20,400	19,900	3,510	2,450		67	248.806	91.9%
5-Jan	9,080	8,700	1,490	3,580		19,000	17,800	3,050	2,130		68	248.187	91.6%
6-Jan	8,160	8,800	1,470	3,450		17,100	17,200	2,810	2,020		69	247.573	91.4%
7-Jan	8,290	8,840	1,670	3,430		17,300	17,400	2,660	1,950		69	247.223	91.3%
8-Jan	9,930	10,700	2,260	4,000		17,100	17,700	2,540	1,930		70	247.548	91.4%
9-Jan	12,800	14,400	2,600	4,340		19,300	20,300	2,450	1,800		71	249.004	91.9%
10-Jan	21,800	21,200	2,670	4,280		23,200	25,200	2,250	1,760		71	251.916	93.0%
11-Jan	17,300	18,600	2,860	4,570		32,200	31,600	2,420	1,700		70	254.542	94.0%
12-Jan	27,300	26,000	2,490	4,380		28,800	30,700	2,550	1,950		70	259.199	95.7%
13-Jan	19,600	19,100	2,520	4,150		36,800	35,200	2,540	1,800		70	261.924	96.7%
14-Jan	16,000	15,800	2,330	4,090		29,300	28,800	2,500	1,690		69	263.708	97.4%
15-Jan	14,000	13,900	1,990	3,650		25,700	25,100	2,390	1,660		69	264.537	97.7%
16-Jan	12,800	12,200	1,770	3,370		22,600	22,300	2,160	1,540		68	264.587	97.7%
17-Jan	11,300	10,900	1,660	3,210		20,400	19,900	1,970	1,460		69	264.368	97.6%
18-Jan	10,700	10,200	1,520	3,220		19,300	19,500	2,730	1,670		69	264.103	97.5%
19-Jan	9,690	9,590	1,370	3,100		19,200	18,800	3,630	1,740		69	263.857	97.4%
20-Jan	8,230	8,570	1,320	2,880		17,300	17,100	2,750	1,550		69	263.409	97.3%
21-Jan	8,650	7,980	1,230	2,560		15,500	15,300	2,070	1,340		69	262.592	97.0%
22-Jan	7,450	7,640	1,040	2,390		13,600	13,500	1,760	1,280		68	261.782	96.7%
23-Jan	7,910	7,690	1,150	2,460		13,000	12,900	1,780	1,310		69	260.950	96.3%
24-Jan	6,870	7,200	1,160	2,390		13,600	13,200	1,720	1,260		68	260.184	96.1%
25-Jan	7,380	7,040	1,050	2,290		13,100	12,600	1,590	1,180		67	259.236	95.7%
26-Jan	6,760	6,530	926	2,100		12,200	11,800	1,500	1,130		67	258.220	95.3%
27-Jan	5,790	6,100	903	2,080		11,800	11,500	1,480	1,120		68	257.189	95.0%
28-Jan	5,630	5,950	896	1,990		11,500	11,100	1,430	1,080		69	256.056	94.5%
29-Jan	5,630	5,810	910	2,050		10,900	10,700	1,350	1,050		69	254.955	94.1%
30-Jan	5,660	5,970	850	2,110		11,000	10,800	1,440	1,160		70	253.849	93.7%
31-Jan	6,070	6,240	1,020	2,130		11,000	11,000	1,550	1,230		70	253.105	93.5%
January Avg	10,799	10,788	1,667	3,344		19,403	19,255	2,526	1,754				
Normal		**4,973**	**1,098**	**2,591**			**12,865**	**2,794**	**2,002**		**68**		
% of Normal		216.9%	151.8%	129.1%			149.7%	90.4%	87.6%				

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

	Precip (IN.)	Usable (BG)	Storage (%)	Draft (MG)	Directed Rel (MG)
Neversink	0.01	30.510	87.3%	0	0
Pepacton	0.05	132.791	94.7%	300	0
Cannonsville	0.02	89.804	93.8%	0	0
Rondout	0.01	44.739	90.2%	598	0

Directed Releases (cfs): January 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 for January 31

NYC Daily Storage (BG)=	253.105	93.5%
NYC Daily Storage Median (BG)=	213.469	78.8%
BG Above NYC Daily Storage Median =	39.636	18.57%
BG Above Drought Watch =	110.787	
BG Above Drought Warning =	126.787	
BG Above Drought =	150.787	
BG Below One Year Ago =	10.213	

Daily Usable Storage: January 31

	VOL. (BG)	[d]%CAP
Blue Marsh	4.88	102.5
Beltzville	12.99	99.9

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. During cold weather, ice effects on stage and discharge determinations at some stream-gaging stations are likely. Flow values reported on this report may be significantly higher or lower than actual streamflow. Revisions will be made as needed when adjusted data becomes available.
2. The salt front river mile location will be updated as chloride data is received.
3. 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) .
4. 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.