Delaware River Flow and Storage Data - February 2008 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-Feb	5,850	6,050	1,060	2,800		11,200	12,800	3,490	2,230		71	252.099	93.1%
2-Feb	6,790	7,060	1,820	5,880		20,600	21,300	12,100	6,150		71	251.803	93.0%
3-Feb	8,100	7,570	1,720	4,050		18,800	18,500	7,360	4,060		70	251.339	92.8%
4-Feb	7,170	7,070	1,650	3,710		17,300	16,800	5,430	4,010		70	250.495	92.5%
5-Feb	6,760	7,250	1,580	3,630		15,700	15,700	5,020	3,580		70	249.718	92.2%
6-Feb	9,580	12,100	1,910	3,830		16,000	16,300	4,430	3,070		70	251.468	92.8%
7-Feb	33,700	34,100	3,530	5,370		19,900	25,100	4,180	3,020		71	259.688	95.9%
8-Feb	28,700	27,100	4,130	6,430		51,600	48,600	4,150	2,980		70	265.870	98.2%
9-Feb	20,700	20,100	3,130	5,470		39,000	37,800	3,810	2,740		70	268.322	99.1%
10-Feb	17,200	16,800	2,910	5,090		31,600	30,900	3,530	2,610		69	269.564	99.5%
11-Feb	14,500	14,000	2,140	4,140		27,300	26,600	3,230	2,300		69	269.935	99.7%
12-Feb	13,900	12,800	1,710	3,350		22,600	21,700	2,660	1,950		68	269.819	99.6%
13-Feb	11,600	13,500	2,270	9,610		23,500	36,400	16,600	7,400		67	269.697	99.6%
14-Feb	23,500	21,900	2,920	11,700		61,100	58,700	22,700	9,730		66	271.987	100.4%
15-Feb	19,800	19,300	3,120	8,840		52,300	50,300	11,700	6,800		64	272.478	100.6%
16-Feb	16,700	16,300	2,250	6,160		41,100	39,500	8,230	5,110		62	272.271	100.5%
17-Feb	14,500	14,200	2,150	5,350		33,000	32,400	6,390	4,210		61	271.724	100.3%
18-Feb	14,700	17,300	3,890	10,500		30,000	35,500	8,170	5,810		60	272.771	100.7%
19-Feb	33,900	31,600	4,050	10,600		53,800	55,000	11,800	7,680		60	276.444	102.1%
20-Feb	26,700	25,600	4,300	9,070		58,700	56,000	9,080	6,280		54	275.811	101.8%
21-Feb	21,100	20,300	4,390	8,030		45,800	44,500	7,210	5,140		<54	274.889	101.5%
22-Feb	17,600	17,400	3,820	7,150		37,700	36,900	5,870	3,940		<54	273.971	101.2%
23-Feb	15,800	15,100	2,340	5,400		33,100		5,060	3,450		<54	273.237	100.9%
24-Feb	13,600	13,200	2,390	4,920		28,100		4,490	3,070		<54	272.525	100.6%
25-Feb	11,900	11,800	2,240	4,610		25,300	24,700	4,220	2,840		<54	271.912	100.4%
26-Feb	10,500	10,900	2,090	4,600		23,000	22,700	4,170	2,940		<54	271.511	100.2%
27-Feb	10,600	10,400	2,460	6,410		26,200	26,800	7,410	5,540		<54	271.233	100.1%
28-Feb	9,720	9,520	2,430	5,590		25,800	25,200	7,600	4,980		<54	270.706	100.0%
29-Feb	9,310	8,650	2,120	4,880		21,900	21,500	5,490	3,620		<54	269.968	99.7%
February Avg	15,899	15,726	2,657	6,153		31,789	32,181	7,146	4,415				
Normal		**5,706**	**1,318**	**3,002**			**13,840**	**4,032**	**2,739**		**68**		
% of Normal		275.6%	201.6%	205.0%			232.5%	177.2%	161.2%				

NYC 24-hr Reservoir Observations: February 29, 8 am

	Precip (IN.)	Usable (BG)	Storage (%)	Draft (MG)	Directed Rel (MG)
Neversink	0.00	34.966	100.1%	0	0
Pepacton	0.00	140.209	100.0%	0	0
Cannonsville	0.00	94.793	99.0%	0	0
Rondout	0.00	47.535	95.8%	0	0

Directed Releases (cfs): February 29

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 February 29

NYC Daily Storage (BG)=	269.968	99.7%
NYC Daily Storage Median (BG)=	220.722	81.5%
BG Above NYC Daily Storage Median =	49.246	22.31%
BG Above Drought Watch =	112.551	
BG Above Drought Warning =	128.551	
BG Above Drought =	152.551	
BG Above One Year Ago (2/28) =	34.833	

Daily Usable Storage: February 29

	VOL. (BG)	[d]%CAP
Blue Marsh	4.84	101.7
Beltzville	13.01	100.1

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.

5. Mean flows for Delaware River at Trenton were not available for February 23-24, 2008.