Delaware River Flow and Storage Data - January 2005 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	7,840	7,580	1,710	3,030		16,200	16,200	3,530	2,480		65	270.990	100.1%
2-Jan	7,840	7,440	1,640	2,930		15,900	15,600	3,430	2,360		66	270.712	100.0%
3-Jan	7,030	6,870	1,590	2,860		15,500	15,000	3,240	2,240		66	270.644	99.9%
4-Jan	8,210	9,990	1,980	3,050		14,900	15,100	3,210	2,320		65	271.352	100.2%
5-Jan	12,300	12,000	2,590	3,660		17,200	19,300	3,930	2,570		65	271.838	100.4%
6-Jan	11,500	11,200	2,790	4,670		24,800	25,600	6,230	3,700		66	271.945	100.4%
7-Jan	11,300	10,900	2,910	5,290		26,900	26,600	7,500	4,960		66	272.141	100.5%
8-Jan	10,200	10,200	2,870	5,990		24,800	26,200	7,560	5,250		66	272.243	100.5%
9-Jan	10,800	10,500	2,940	6,690		30,200	29,500	10,300	6,660		65	272.491	100.6%
10-Jan	9,780	9,700	2,460	5,490		27,300	26,600	8,120	5,760		65	272.363	100.6%
11-Jan	9,230	9,320	2,330	4,780		23,900	23,700	7,170	5,300		65	272.224	100.5%
12-Jan	9,100	8,940	2,440	4,820		22,900	23,400	8,060	5,290		64	272.434	100.6%
13-Jan	9,070	9,080	2,710	4,790		22,900	22,800	6,900	4,490		63	272.905	100.8%
14-Jan	13,900	32,900	7,680	13,000		23,400	35,000	19,600	8,970		62	278.485	102.8%
15-Jan	61,200	55,300	5,390	13,600		83,500	88,900	19,300	12,200		60	281.669	104.0%
16-Jan	35,900	33,700	5,880	10,800		82,900	78,200	12,800	8,560		58	279.758	103.3%
17-Jan	25,600	24,400	5,660	9,750		57,700	55,100	9,720	6,710		54	278.094	102.7%
18-Jan	21,100	19,300	5,150	8,350		45,100	43,200	7,700	5,440		<54	276.906	102.2%
19-Jan	16,900	16,300	4,790	7,360		36,200	34,500	6,240	4,630		54	275.601	101.8%
20-Jan	15,200	14,400	4,550	6,780		30,800	30,100	5,740	4,280		56	274.742	101.4%
21-Jan	13,600	12,600	3,850	5,890		30,200	28,200	5,190	3,660		58	274.505	101.4%
22-Jan	11,400	11,000	2,400	3,810		26,500	23,800	4,370	3,100		61	273.958	101.2%
23-Jan	9,880	9,690	2,370	3,740		18,600	17,900	3,680	3,060		63	273.782	101.1%
24-Jan	10,100	9,130	2,230	3,520		17,900	20,500	4,350	3,060		66	273.588	101.0%
25-Jan	8,970	8,770	2,230	3,500		33,600	26,800	4,120	2,760		67	273.404	100.9%
26-Jan	8,240	8,120	2,180	3,480		17,400	17,800	4,020	2,650		68	273.295	100.9%
27-Jan	8,680	8,030	2,160	3,290		17,300	17,100	3,690	2,430		68	272.778	100.7%
28-Jan	7,660	7,700	1,720	2,930		16,600	15,900	3,060	2,100		69	272.072	100.5%
29-Jan	8,240	8,020	1,470	2,580		14,600	14,600	2,840	2,010		69	271.432	100.2%
30-Jan	8,020	7,580	1,420	2,640		14,000	14,100	2,960	2,030		70	270.958	100.0%
31-Jan	7,300	6,550	1,390	2,480		14,200	14,300	2,900	1,960		70	270.615	99.9%
January Avg	13,422	13,458	3,015	5,340		27,868	27,794	6,499	4,290				
Normal		**4,973**	**1,098**	**2,591**			**12,865**	**2,794**	**2,002**		**68**		
% of Normal		270.6%	274.6%	206.1%			216.0%	232.6%	214.3%				

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

	Precip (IN.)	Usable (BG)	Storage (%)	Draft (MG)	Directed Rel (MG)
Neversink	0.00	35.051	100.3%	0	0
Pepacton	0.00	138.829	99.0%	0	0
Cannonsville	0.00	96.735	101.1%	301	0
Rondout	0.00	46.518	93.8%	718	0

DIRECTED RELEASES (CFS)

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)=	270.615	99.9%
NYC Daily Storage Median (BG)=	213.469	78.8%
BG Above NYC Daily Storage Median =	57.146	26.77%
BG Above Drought Watch =	128.297	
BG Above Drought Warning =	144.297	
BG Above Drought =	168.297	
BG Above One Year Ago =	9.565	

DAILY USABLE STORAGE 1/31/05

	VOL. (BG)	[d] %CAP
Blue Marsh	4.93	103.6
Beltzville	13.21	101.6

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 2005.**