Delaware River Flow and Storage Data - February 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-Feb	6,150	5,670	1,380	2,410		13,300	13,400	2,770	1,930		70	270.184	99.8%
2-Feb	5,850	5,490	1,450	2,430		12,100	12,100	2,650	1,850		70	269.765	99.6%
3-Feb	5,340	5,340	1,320	2,420		11,600	11,600	2,580	1,750		70	269.325	99.4%
4-Feb	4,980	5,300	1,090	2,220		11,300	11,400	2,490	1,720		70	269.026	99.3%
5-Feb	5,080	4,740	1,070	2,160		11,500	11,500	2,570	1,730		70	268.705	99.2%
6-Feb	4,810	4,390	1,050	2,140		11,400	11,300	2,680	1,760		70	268.231	99.0%
7-Feb	4,860	4,670	1,030	2,130		10,600	10,600	2,880	1,810		70	267.858	98.9%
8-Feb	4,610	4,470	987	2,000		10,700	10,800	3,080	1,880		70	267.442	98.7%
9-Feb	4,580	4,550	1,040	2,080		11,100	11,100	3,530	2,000		71	267.012	98.6%
10-Feb	3,630	5,910	1,230	2,360		12,100	12,700	4,830	2,400		70	266.865	98.5%
11-Feb	7,750	7,860	1,410	2,520		14,400	14,600	4,640	2,340		70	267.146	98.6%
12-Feb	7,360	6,640	1,230	2,330		15,900	15,600	3,560	1,950		70	266.737	98.5%
13-Feb	5,530	5,340	1,200	2,230		14,500	13,900	3,080	1,850		70	266.768	98.5%
14-Feb	4,680	4,730	1,220	2,330		12,500	12,400	3,310	1,990		70	266.733	98.5%
15-Feb	6,370	6,270	1,920	4,350		20,900	20,200	10,300	4,300		70	267.228	98.7%
16-Feb	9,260	9,600	2,190	4,230		21,100	20,800	7,560	4,570		69	268.308	99.1%
17-Feb	11,500	11,500	2,350	4,290		23,400	23,500	6,520	3,840		69	269.516	99.5%
18-Feb	10,800	10,600	2,100	3,700		23,900	23,600	5,080	3,310		68	270.233	99.8%
19-Feb	10,000	8,860	1,700	3,240		21,100	20,500	4,210	2,910		68	269.641	99.6%
20-Feb	9,330	8,260	1,430	2,900		18,200	17,200	3,760	2,700		69	269.327	99.4%
21-Feb	7,690	7,490	1,480	2,910		17,000	16,500	3,760	2,680		69	268.933	99.3%
22-Feb	7,000	7,000	1,420	2,810		16,300	16,000	3,880	2,630		70	268.608	99.2%
23-Feb	7,270	6,940	1,390	2,740		15,400	15,300	4,000	2,510		70	268.647	99.2%
24-Feb	6,150	6,320	1,320	2,630		15,200	14,900	3,860	2,360		71	268.305	99.1%
25-Feb	5,290	5,600	1,200	2,440		14,400	14,000	3,560	2,250		71	268.187	99.0%
26-Feb	5,140	5,250	1,160	2,320		12,900	12,800	3,390	2,100		71	267.803	98.9%
27-Feb	5,400	5,110	1,130	2,260		12,000	12,000	3,230	2,050		71	267.733	98.9%
28-Feb	5,630	5,280	1,110	2,230		11,300	11,600	3,160	1,990		71	267.555	98.8%
February Avg	6,501	6,399	1,379	2,672		14,861	14,711	3,961	2,399				
Normal		**5,706**	**1,318**	**3,002**			**13,840**	**4,032**	**2,739**		**68**		
% of Normal		112.2%	104.6%	89.0%			106.3%	98.2%	87.6%				

NYC 24-hr Reservoir Observations: February 28, 8 am

	Precip (IN.)	Usable (BG)	Storage (%)	Draft (MG)	Directed Rel (MG)
Neversink	0.00	35.046	100.3%	0	0
Pepacton	0.00	135.982	97.0%	0	0
Cannonsville	0.01	96.527	100.9%	300	0
Rondout	0.00	46.432	93.6%	723	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 February 28

NYC Daily Storage (BG)=	267.555	98.8%
NYC Daily Storage Median (BG)=	220.604	81.5%
BG Above NYC Daily Storage Median =	46.951	21.28%
BG Above Drought Watch =	110.403	
BG Above Drought Warning =	126.403	
BG Above Drought =	150.403	
BG Above One Year Ago =	22.822	

DAILY USABLE STORAGE 2/28/05

	VOL. (BG)	[d]%CAP
Blue Marsh	4.84	101.7
Beltzville	13.18	101.4

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.**