Delaware River Flow and Storage Data - March 2006 Summary

DAY	Delaware @ Montague (CFS)		Lehigh River @			Delaware @ Trenton (CFS)		Schuylkill River @		Max Temp Degrees C	[a] Salt Front	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	River Mile	BG	%CAP
1-Mar	4,610	3,910	849	1,950		8,500	8,790	2,170	1,530		70	267.546	98.8%
2-Mar	3,670	3,510	859	2,000		8,610	8,810	2,160	1,540		70	267.000	98.6%
3-Mar	3,530	3,380	851	2,000		9,250	9,040	2,310	1,630		70	266.589	98.4%
4-Mar	3,760	3,390	820	1,870		7,880	8,060	2,220	1,490		70	265.953	98.2%
5-Mar	2,190	2,520	802	1,830		7,780	7,910	2,020	1,420		70	265.238	97.9%
6-Mar	2,320	2,870	783	1,800		7,680	7,580	1,950	1,390		70	264.539	97.7%
7-Mar	3,100	3,240	652	1,700		7,480	7,350	1,880	1,340		71	264.322	97.6%
8-Mar	2,980	3,040	640	1,600		8,090	7,860	1,820	1,300		71	264.005	97.5%
9-Mar	3,000	2,930	644	1,600		7,430	7,560	1,760	1,280		71	263.477	97.3%
10-Mar	3,100	3,010	660	1,580		7,390	7,500	1,780	1,300		71	263.039	97.1%
11-Mar	3,560	3,290	598	1,550		7,290	7,460	1,820	1,310		72	262.733	97.0%
12-Mar	2,920	2,920	609	1,560		7,480	7,810	2,300	1,380		72	262.407	96.9%
13-Mar	2,900	3,040	676	1,640		7,680	7,730	2,340	1,470		72	262.022	96.7%
14-Mar	4,130	4,370	799	1,750		7,830	7,790	2,160	1,470		72	262.210	96.8%
15-Mar	5,630	5,370	716	1,750		8,400	8,670	2,010	1,440		71	263.273	97.2%
16-Mar	5,180	4,830	655	1,590		9,700	9,800	1,850	1,200		71	263.530	97.3%
17-Mar	4,820	4,500	606	1,510		9,700	9,500	1,540	1,050		71	263.348	97.2%
18-Mar	4,770	4,370	670	1,450		8,870	9,000	1,430	1,020		71	262.946	97.1%
19-Mar	3,850	3,860	677	1,490		8,550	8,770	1,410	987		71	262.432	96.9%
20-Mar	3,600	3,690	669	1,480		8,340	8,160	1,370	977		70	261.935	96.7%
21-Mar	3,870	3,790	594	1,410		7,630	7,590	1,320	977		70	261.388	96.5%
22-Mar	3,360	3,460	577	1,370		7,730	7,610	1,320	952		71	261.057	96.4%
23-Mar	3,080	3,250	571	1,320		7,480	7,330	1,260	868		71	260.763	96.3%
24-Mar	2,980	3,030	569	1,310		6,950	6,970	1,160	868		71	260.457	96.2%
25-Mar	2,740	2,800	568	1,300		6,760	6,790	1,170	856		71	260.186	96.1%
26-Mar	2,800	2,790	572	1,330		6,580	6,590	1,260	858		72	259.955	96.0%
27-Mar	2,820	2,830	564	1,290		6,580	6,500	1,220	838		72	259.862	95.9%
28-Mar	2,780	2,880	552	1,260		6,400	6,390	1,100	812		72	259.444	95.8%
29-Mar	2,520	2,770	548	1,250		6,310	6,330	1,070	815		72	259.064	95.7%
30-Mar	2,430	2,710	542	1,230		6,220	6,240	1,060	802		72	258.736	95.5%
31-Mar	2,260	2,470	488	1,200		6,000	6,090	988	781		72	258.485	95.4%
March Avg	3,395	3,381	657	1,547		7,696	7,728	1,653	1,160				
Normal		**5,706**	**1,318**	**3,002**			**13,840**	**4,032**	**2,739**		**67**		
% of Normal		59.3%	49.9%	51.5%			55.8%	41.0%	42.3%				

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

	Precip (IN.)	Usable (BG)	Storage (%)	Draft (MG)	Directed Rel (MG)
Neversink	0.00	28.224	80.8%	0	0
Pepacton	0.00	133.959	95.6%	367	0
Cannonsville	0.00	96.302	100.6%	299	0
Rondout	0.00	46.989	94.7%	608	0

Directed Releases (cfs): March 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 March 31

NYC Daily Storage (BG)=	258.485	95.4%
NYC Daily Storage Median (BG)=	258.533	95.5%
BG Below NYC Daily Storage Median =	0.048	-0.02%
BG Above Drought Watch =	84.909	
BG Above Drought Warning =	100.909	
BG Above Drought =	124.909	
BG Below One Year Ago =	18.689	

Daily Usable Storage: March 31

	VOL. (BG)	[d] %CAP
Blue Marsh	5.31	111.6
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 2006.**