Delaware River Flow and Storage Data - May 2006 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-May	6,550	6,520	1,170	2,590		14,400	14,100	2,410	1,830		70	271.702	100.3%
2-May	5,600	5,690	1,040	2,270		13,000	12,600	2,160	1,570		70	271.566	100.3%
3-May	5,020	5,120	1,030	2,200		11,700	11,400	1,950	1,490		70	271.334	100.2%
4-May	4,570	4,650	1,000	2,130		10,900	10,500	1,840	1,410		70	270.916	100.0%
5-May	4,010	4,160	956	2,050		10,100	9,760	1,700	1,330		70	270.477	99.9%
6-May	3,560	3,500	845	1,880		9,360	9,070	1,610	1,260		70	270.133	99.7%
7-May	3,120	3,100	836	1,810		8,610	8,300	1,520	1,200		70	269.895	99.7%
8-May	2,860	2,900	721	1,700		7,530	7,460	1,490	1,140		70	269.632	99.6%
9-May	3,510	3,200	700	1,560		7,050	6,920	1,410	1,120		70	269.474	99.5%
10-May	3,340	3,090	680	1,490		6,670	6,920	1,360	1,080		71	269.505	99.5%
11-May	3,380	3,560	684	1,470		6,580	6,860	1,340	1,070		71	269.343	99.4%
12-May	4,610	5,760	1,350	2,460		7,100	8,180	2,280	1,560		71	269.940	99.7%
13-May	6,580	6,660	1,670	2,810		12,600	12,800	2,330	1,700		71	271.404	100.2%
14-May	6,820	6,720	1,730	3,240		14,400	14,000	4,070	1,680		71	272.050	100.4%
15-May	6,180	6,210	1,430	3,020		13,900	13,900	3,250	1,470		71	272.419	100.6%
16-May	6,350	7,170	1,380	2,910		13,700	14,500	3,300	1,300		71	272.515	100.6%
17-May	9,210	9,190	1,290	2,590		15,800	16,100	2,350	1,230		71	273.038	100.8%
18-May	8,780	8,850	1,250	2,450		16,900	16,700	1,860	1,120		71	272.938	100.8%
19-May	7,910	8,130	1,300	2,490		15,900	15,800	1,770	1,190		71	272.982	100.8%
20-May	8,320	8,290	1,370	2,470		14,800	14,900	1,730	1,160		71	273.145	100.9%
21-May	7,290	7,350	1,400	2,500		14,800	14,600	1,590	1,080		71	273.116	100.8%
22-May	6,380	6,640	1,180	2,260		13,700	13,500	1,450	1,000		71	273.303	100.9%
23-May	6,470	6,350	1,150	2,080		12,400	12,200	1,330	950		70	273.319	100.9%
24-May	6,040	5,790	1,090			11,800	11,500		909		70	273.265	100.9%
25-May	5,550	5,310	939	1,800		10,800	10,800	1,160	884		70	273.137	100.8%
26-May	5,250	5,080	939	1,770		10,000	10,100	1,110	862		70	273.044	100.8%
27-May	5,470	5,470	1,240	1,860		9,530	9,720	1,200	932		70	272.981	100.8%
28-May	5,050	5,120	1,160	1,980		9,980	10,100	1,250	868		70	272.702	100.7%
29-May	4,420	4,500	747	1,820		9,420	9,580	1,100	794		70	272.367	100.6%
30-May	3,740	3,860	678	1,380		9,200	8,790	1,020	741		70	271.967	100.4%
31-May	3,490	4,880	772	1,400		7,930	7,690	898	753		70	271.950	100.4%
May Avg	5,465	5,575	1,088	2,148		11,308	11,269	1,795	1,183				
Normal		**6,861**	**1,578**	**2,760**			**13,645**	**2,783**	**2,073**		**64**		
% of Normal		81.3%	68.9%	77.8%			82.6%	64.5%	57.1%				

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

	Precip (IN.)	Usable (BG)	Storage (%)	Draft (MG)	Directed Rel (MG)
Neversink	0.45	34.769	99.5%	147	0
Pepacton	0.90	140.301	100.1%	412	0
Cannonsville	1.03	96.880	101.2%	0	0
Rondout	0.79	49.454	99.7%	616	0

Directed Releases (cfs): May 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 May 31

NYC Daily Storage (BG)=	271.950	100.4%
NYC Daily Storage Median (BG)=	269.679	99.6%
BG Above NYC Daily Storage Median =	2.271	0.84%
BG Above Drought Watch =	81.950	
BG Above Drought Warning =	97.950	
BG Above Drought =	121.950	
BG Above One Year Ago =	10.901	

Daily Usable Storage: May 31

	VOL. (BG)	[d]%CAP
Blue Marsh	6.67	102.6
Beltzville	13.15	101.2

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. The salt front river mile location will be updated as chloride data is received.
2. 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) .
3. 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.
4. Daily flow data is currently unavailable at the Lehigh River at Bethlehem and at the Schuylkill River at Philadelphia for May 24.