Delaware River Flow and Storage Data - May 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-May	8,050	8,280	1,310	2,910		19,200	19,300	3,630	2,070		64	273.914	101.1%
2-May	7,900	7,960	1,230	2,700		18,100	18,100	3,210	1,940		63	273.699	101.1%
3-May	7,440	7,370	1,130	2,600		17,200	17,100	2,840	1,840		63	273.516	101.0%
4-May	6,890	6,880	1,100	2,450		16,400	16,200	2,670	1,750		62	273.239	100.9%
5-May	6,350	6,480	1,070	2,370		15,400	15,300	2,480	1,640		62	272.858	100.7%
6-May	7,000	6,640	976	2,210		14,800	14,500	2,310	1,610		61	272.593	100.6%
7-May	5,610	5,730	960	2,150		14,700	14,300	2,310	1,590		62	272.333	100.6%
8-May	5,370	5,310	939	2,090		13,700	13,400	2,280	1,550		63	272.185	100.5%
9-May	5,080	4,970	822	2,000		12,600	12,500	2,190	1,500		64	272.002	100.4%
10-May	4,390	4,370	855	1,970		11,900	11,200	2,080	1,430		65	271.826	100.4%
11-May	4,110	4,060	786	1,910		10,100	9,970	1,990	1,370		66	271.564	100.3%
12-May	3,810	3,760	774	1,880		9,420	9,330	1,890	1,320		66	270.793	100.0%
13-May	3,470	3,430	806	1,840		8,980	8,830	1,780	1,280		66	270.104	99.7%
14-May	3,170	3,170	1,090	1,950		8,450	8,320	1,750	1,240		67	269.314	99.4%
15-May	3,300	3,320	942	2,190		8,240	8,310	1,750	1,250		67	268.967	99.3%
16-May	3,500	3,530	768	1,970		8,610	8,590	1,840	1,500		67	268.555	99.2%
17-May	3,280	3,250	696	1,770		8,450	8,380	1,850	1,310		67	268.270	99.1%
18-May	3,150	3,120	672	1,700		8,040	7,940	1,660	1,230		68	267.733	98.9%
19-May	2,870	2,720	642	1,640		7,430	7,400	1,570	1,180		68	267.403	98.7%
20-May	2,310	2,360	663	1,670		7,240	7,280	1,800	1,220		69	267.087	98.6%
21-May	2,220	2,220	669	1,760		7,050	6,930	2,030	1,300		69	266.482	98.4%
22-May	2,180	2,170	636	1,660		6,630	6,520	1,820	1,200		70	265.867	98.2%
23-May	2,130	2,140	625	1,610		6,220	6,160	1,620	1,110		70	265.340	98.0%
24-May	2,150	2,210	615	1,540		6,000	5,980	1,480	1,140		70	264.814	97.8%
25-May	2,150	2,150	613	1,540		5,860	5,960	1,480	1,130		70	264.190	97.5%
26-May	2,150	2,180	602	1,520		5,950	6,010	1,500	1,130		70	263.696	97.4%
27-May	2,150	2,150	586	1,480		5,910	5,890	1,440	1,100		71	263.134	97.2%
28-May	2,080	2,130	810	1,470		5,780	5,690	1,370	989		71	262.606	97.0%
29-May	2,240	2,280	933	1,810		5,650	5,830	1,340	1,100		71	262.060	96.8%
30-May	2,350	2,320	657	1,700		6,130	6,190	1,400	1,110		71	261.648	96.6%
31-May	2,200	2,170	606	1,440		6,130	6,000	1,340	1,000		71	261.049	96.4%
May Avg	3,905	3,898	825	1,919		9,880	9,787	1,958	1,359				
Normal		**6,861**	**1,578**	**2,760**			**13,645**	**2,783**	**2,073**		**64**		
% of Normal		56.8%	52.3%	69.5%			71.7%	70.4%	65.6%				

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

	Precip (IN.)	Usable (BG)	Storage (%)	Draft (MG)	Directed Rel (MG)
Neversink	0.00	34.601	99.0%	0	0
Pepacton	0.00	134.408	95.9%	445	23
Cannonsville	0.00	92.040	96.2%	297	43
Rondout	0.00	48.997	98.8%	728	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 May 31		
NYC Daily Storage (BG)=	261.049	96.4%
NYC Daily Storage Median (BG)=	269.679	99.6%
BG Below NYC Daily Storage Median =	8.630	-3.20%
BG Above Drought Watch =	71.049	
BG Above Drought Warning =	87.049	
BG Above Drought =	111.049	
BG Below One Year Ago =	11.235	

DAILY USABLE STORAGE 5/31/05		
	VOL. (BG)	[d]%CAP
Blue Marsh	6.71	102.3
Beltzville	13.29	102.2

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