Delaware River Flow and Storage Data - May 2008 Summary

								Schuylkill River @				New York City	
DAY	Delaware @		Lehigh River @			Delaware @				Max Temp	^a Salt	Delawar	e River Basin
	Montague (CFS)				- -						F (S	torage
			Lenighton Bethl		Easton	Tren	ton (CFS)	Dhiladalphia	Dottetown	Degrees C	Front	Storage	
	8·00 AM	MEAN	(CES)	(CFS)	(MG/L)	8.00 AM	MEAN	(CFS)	(CFS)	Dam	Mile	BG	%CAP
1-May	3.830	3.920	1.130	2.300	(110/1)	12.400	12.000	2.760	1.780	Dum	68	265.971	98.2%
2-May	3,420	3,620	841	2,000		11,000	10,700	2,110	1,680		69	265.757	98.1%
3-May	3,450	3,680	829	1,860		9,810	9,670	1,950	1,510		69	265.568	98.1%
4-May	3,560	3,840	881	1,990		9,580	9,480	1,750	1,470		69	265.520	98.0%
5-May	4,490	4,590	847	1,920		9,810	9,720	1,740	1,520		69	265.611	98.1%
6-May	4,150	4,310	816	1,790		10,000	10,000	1,710	1,470		69	265.265	97.9%
7-May	3,670	3,960	776	1,730		10,100	9,890	1,620	1,340		69	264.877	97.8%
8-May	3,420	3,840	770	1,690		9,470	9,250	1,540	1,250		70	264.683	97.7%
9-May	3,360	3,710	//4	2,100		9,470	9,470	3,070	1,//0		70	264.652	97.7%
10-May	4,080	4,240	1,190	2,000		12,300	11,900	4,000	1,930		70	263.010	97.9%
11-May 12-May	4,550	4,230	1,120	2,400		12,300	12,100	2,890	1,070		70	264.902	97.8%
12-May	3 380	3,400	970	2,330		11,500	10,200	2,420	1,550		70	264 307	97.6%
13 May 14-May	3.120	3,100	883	1.940		9,580	9,350	1,990	1,100		70	264.052	97.5%
15-May	2,980	2,980	804	1,810		8,610	8,410	1,720	1,220		70	264.081	97.5%
16-May	2,940	3,070	892	2,170		7,980	8,660	2,880	1,670		71	264.013	97.5%
17-May	4,490	5,190	1,530	3,230		11,600	12,100	5,250	2,290		71	264.128	97.5%
18-May	5,980	5,850	1,690	3,340		13,200	13,800	4,050	2,320		71	264.110	97.5%
19-May	4,970	5,250	1,750	3,480		15,300	14,900	5,480	2,560		71	264.061	97.5%
20-May	5,410	5,310	1,820	3,600		13,100	13,200	4,270	2,460		71	264.111	97.5%
21-May	4,710	4,880	1,800	3,760		15,200	14,500	5,690	2,700		71	264.089	97.5%
22-May	4,940	4,670	1,570	3,340		13,600	13,000	4,200	2,360		71	264.057	97.5%
23-May	4,640	4,610	1,380	3,040		12,300	11,600	3,400	2,130		70	264.102	97.5%
24-May	4,060	4,010	1,350	2,760		10,900	10,500	2,920	1,830		70	263.805	97.4%
25-May	3,320	3,250	1,080	2,380		10,200	9,660	2,450	1,690		70	263.514	97.3%
20-May	3,020	3,000	803	2,210		8,290	8,230	2,160	1,390		70	263.093	97.1%
27-May 28-May	4 130	2,810	970	2 110		7,480	7,430	2,030	1,520		70	262.004	96.8%
20-May 29-May	2 620	2 650	978	2,110		7,190	7,210	2,130	1,000		70	261 798	96.7%
30-May	3.420	2,030	871	1,900		6.860	6.740	1.760	1,320		70	261.710	96.6%
31-May	2.240	2,270	790	1,850		6,080	6.320	1,740	1,310		70	261.320	96.5%
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May Avg	3,830	3,877	1,090	2,386		10,429	10,291	2,804	1,733				
Normal		6,861	1,578	2,760			13,645	2,783	2,073		64		
% of Normal		56.5%	69.0%	86.4%			75.4%	100.8%	83.6%				
NYC 24-hr Rese	rvoir Obse	rvations: Ma	ıy 31, 8 am				Directed Releases (cfs):		Summary of NYC Storage Obs		servations	for May	31
		Precip	Usable	Storage	Draft	Directed Rel	May	31	NYC Daily Stor	rage (BG)=		261.320	96.5%
		(IN.)	(BG)	(%)	(MG)	(MG)	Blue Marsh	0	NYC Daily Stor	rage Median (B	(G)=	269.679	99.6%
Neversink		0.00	34.276	98.1%	137	0	Beltzville	0	BG Below NYC	Daily Storage	Median =	8.359	-3.10%
Pepacton		0.00	135.385	96.6%	144	0	⁻ F.E. Walter	0	BG Above Drou	ught Watch =		71.320	
Cannonsville		0.00	91.659	95.8%	213	0	Merrill Cr		BG Above Drought Warning =			87.320	
Rondout		0.00	48.943	98.6%	465	0	NYC Res		BG Above Drou	ught =		111.320	
							Excess Dalik	0	BG Below One	Year Ago =		2.320	
							Lake						
							Wallenpaupack	0		_			
							Daily Usable Ste	Daily Usable Storage: May 31					
								VOL. (BG)	^d %CAP				
					_		/	-	1				
						Blu	e Marsh	6.56	100.9				
						Be	eltzville	12.98	99.8				

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.

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).

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 2008.