Delaware River Flow and Storage Data - June 2005 Summary

									Schuylkill River	@		New Y	ork City
	Delav	vare @	Le	high River	@	Dela	aware @			Max Temp	^a Salt	Delaware	River Basin
DAY	Montague (CFS)		Lehighton Bethl Ea		Easton	Tren	ton (CFS)			Degrees C	Front	Storage	
	Montag	uc (CIB)	FLOW	FLOW	MIN DO	11011	ton (CIB)	Philadelphia	Pottstown	Vincent	River		
	8:00 AM	MEAN	(CFS)	(CFS)	(MG/L)	8:00 AM	MEAN	(CFS)	(CFS)	Dam	Mile	BG	%CAP
1-Jun	2,010	1,870	576		8.8	5,690	5,690	1,220	1,060	22.4		260.313	96.1%
2-Jun 3-Jun	1,870 1,890	1,880 1,760	536 480	1,430 1,400	8.5 8.2	5,440 5,190	5,380 5,180	1,240 1,380	1,010 962	21.7 20.5		259.720 259.234	95.9% 95.7%
4-Jun	1,800	1,680	538	1,500	7.6	5,440	5,510		1,060	20.8		258.659	95.5%
5-Jun	1,790	1,660	542	1,470	7.9	5,440	5,430	1,600	1,060	23.9		258.014	95.3%
6-Jun	1,720	1,640	542	1,680	7.4	5,190	5,180	,	1,080	25.5		257.244	95.0%
7-Jun	2,060	2,020	744	1,820	5.3	5,610	6,220	3,270	1,500		71	256.681	94.8%
8-Jun	2,630	2,510	623	1,620		6,350	6,270		1,210	27.0		256.095	94.6%
9-Jun	2,610	2,350	577	1,450		5,860	5,910		1,010	27.1		255.360	94.3%
10-Jun	2,830	2,470	602	1,480	7.3	6,000	5,950		1,040	27.5		254.681	94.0%
11-Jun 12-Jun	3,090 2,440	2,570 2,370	824 736	1,540 1.690	7.3	5,950 5,910	6,070 6,150		959 924	28.1 28.5		253.853 253.094	93.7% 93.4%
12-Jun 13-Jun	2,440	2,370	553	1,690		5,910 6,040	5,960	1,230	924 894	28.5		252.377	93.4%
13-Juli 14-Jun	3,560	3,140	462	1,310		5,740	5,580	1,150	891	29.1		251.816	93.2%
15-Jun	2,910	2,640	507	1,260	7.2	5,190	5,470		839	29.0		250.959	92.7%
16-Jun	2,530	2,300	452	1,280	7.2	5,820	5,700	982	785	27.0		250.221	92.4%
17-Jun	2,530	2,360	422	1,230	7.7	5,570	5,300	866	805	25.2	71	249.625	92.2%
18-Jun	2,530	2,210	415	1,170	8.3	5,150	5,030	901	742	23.2		249.015	91.9%
19-Jun	1,920	1,930	383	1,150	9.4	5,070	4,970	838	724	22.0	72	248.330	91.7%
20-Jun	1,900	1,890	381	1,110	10.2	4,710			736	22.8		247.576	91.4%
21-Jun	2,590	2,230	374	1,060	10.1	4,330	4,310	841	718	25.0		246.726	91.1%
22-Jun 23-Jun	2,550 2,090	2,290 1,960	366 347	1,020 997	9.9 9.8	4,190 4,640	4,220 4,490	788 755	680 647	25.4 26.7		245.740 244.725	90.7% 90.4%
24-Jun	2,150	1,900	339	974	9.6	4,040			642	27.4		243.659	90.4%
25-Jun	2,130	1,920	542	952	7.0	4,040	4,070	701	615	28.7		242.347	89.5%
26-Jun	1,820	1,770	391	1,190		4,190	3,990	647	599	29.6		241.038	89.0%
27-Jun	1,800	1,850	371	1,010		4,480	4,360	770	591	27.6		240.110	88.7%
28-Jun	2,750	2,430	305	961		4,080	4,150	849	628	29.4	73	239.219	88.3%
29-Jun	2,690	2,420	297	1,210		4,040	4,140	766	659	28.5		238.334	88.0%
30-Jun	3,260	2,780	462	1,270	5.0	5,860	6,880	853	822	28.6	73	238.158	87.9%
June Avg	2,362	2,173	490	1,308	8.1	5,197	5.221	1.181	863	26.1			
Normal	2,302	3,365	964	1,308	0.1	3,197	8,193	, -	1.404	20.1	67	-	
% of Normal		64.6%	50.8%	65.8%			63.7%		61.5%		07		
NYC 24-hr Rese	rvoir Obser	vations: Jun					Directed Rele		Summary of NY	C Storage Obs	servations	: June 30	
		Precip	· · · · · · · · · · · · · · · · · · ·		Draft	Directed Rel	June	30	NYC Daily Storage (BG)=			238.158	87.9%
		(IN.)	(BG)	(%)	(MG)	(MG)	Blue Marsh	0	NYC Daily Stor		G)=	257.498	95.1%
Neversi	nk	0.76	33.417	95.6%	0	0	Beltzville	0	BG Below NYC	Daily Storage	Median =	19.340	-7.51%
	Pepacton		124.170	88.6%	499	0	^b F.E. Walter		BG Above Drou	•		48.158	
Cannons	Cannonsville		80.571	84.2%	299	0	Merrill Cr	0	BG Above Drought Warning =		:	64.158	
Rondo	Rondout		47.837	96.4%	853	0	NYC Res		BG Above Drought = 88.158				
	-						Excess Bank	0	BG Below One	Year Ago =		19.624	
							^c Lake						
							Wallenpaupack	0					
					j								
							Daily Usable Sto						
								VOL. (BG)	d _% CAP				

Daily Usable Storage: June 30								
	VOL. (BG)	^d %CAP						
Blue Marsh	6.62	100.9						
Beltzville	13.13	101.0						

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).

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

- 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 resumed as of June 1 and will continue through September 2005.
- 4. The minimum DO data for 6/8-9, 6/12-14, and 6/25-29 for the Lehigh River at Easton are currently unavailable.
- 5. The maximum temperature for 6/7/05 for the Schuylkill River at Vincent Dam is currently unavailable.

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.

Percent of usable storage available.