Delaware River Flow and Storage Data - April 2007 Summary

DAY	Delaware @ Montague (CFS)		Lehigh River @			Delaware @ Trenton (CFS)		Schuylkill River @			[a] Salt	New York City Delaware River Basin Storage	
			Lehighton	Bethl	Easton					Max Temp Degrees C	Front		
	8:00 AM	MEAN	FLOW (CFS)	FLOW (CFS)	MIN DO (MG/L)	8:00 AM	MEAN	Philadelphia (CFS)	Pottstown (CFS)	Vincent Dam	River Mile	BG	%CAP
1-Apr	18,100	17,800	2,410	4,310		30,500	30,000	3,760	2,550		55	275.774	101.8%
2-Apr	16,900	16,900	2,440	4,440		27,500	27,500	3,720	2,590		56	274.875	101.5%
3-Apr	15,700	15,400	2,260	3,990		26,900	26,500	3,770	2,500		57	274.068	101.2%
4-Apr	13,900	14,200	2,090	3,830		24,600	25,100	4,080	2,470		59	273.467	101.0%
5-Apr	16,900	16,600	2,070	3,830		25,000	25,300	4,660	2,410		59	273.595	101.0%
6-Apr	15,400	14,800	1,880	3,430		26,600	26,100	3,580	2,060		58	273.285	100.9%
7-Apr	12,800	12,400	1,610	3,040		23,900	23,200	3,150	1,910		59	272.893	100.8%
8-Apr	11,100	10,700	1,560	2,880		20,600	20,100	2,910	1,800		60	272.488	100.6%
9-Apr	9,760	9,600	1,470	2,770		18,400	18,100	2,710	1,720		61	271.991	100.4%
10-Apr	8,650	8,550	1,300	2,540		16,800	16,600	2,570	1,630		64	271.531	100.3%
11-Apr	7,570	7,750	1,260	2,410		15,600	15,400	2,400	1,530		66	271.043	100.1%
12-Apr	6,960	7,590	1,420	3,020		15,000	16,000	3,490	2,110		68	270.551	99.9%
13-Apr	9,550	9,600	1,450	3,100		17,500	17,300	4,720	2,490		69	270.404	99.8%
14-Apr	9,760	9,050	1,310	2,670		17,800	17,600	3,700	2,250		70	270.185	99.8%
15-Apr	7,630	10,500	2,270	7,260		18,500	36,400	23,600	7,780		70	269.904	99.7%
16-Apr	52,900	56,800	3,970	15,500		87,100	94,400	46,400	15,700		70	275.564	101.7%
17-Apr	56,800	53,500	3,850	10,800		116,000	111,000	22,200	11,700		69	278.477	102.8%
18-Apr	40,000	38,400	5,230	10,000		83,600	80,600	14,500	8,780		68	278.986	103.0%
19-Apr	32,000	31,500	6,440	10,700		65,400	63,400	10,800	6,540		66	278.967	103.0%
20-Apr	28,300	28,200	5,910	9,560		55,400	53,800	8,360	5,150		64	279.150	103.1%
21-Apr	24,100	23,700	3,410	6,630		48,100	45,900	6,720	4,150		59	278.736	102.9%
22-Apr	20,700	20,200	3,150	5,630		39,100	38,000	5,760	3,660		<54	277.927	102.6%
23-Apr	17,900	18,300	3,150	5,220		34,300	33,300	5,180	3,270		<54	277.022	102.3%
24-Apr	17,000	16,500	3,840	5,850		31,300	31,100	4,590	2,910		<54	276.096	101.9%
25-Apr	13,500	13,400	3,560	5,660		29,200	28,600	4,180	2,640		<54	275.052	101.6%
26-Apr	12,400	12,700	3,190	5,590		26,000	26,100	4,360	2,970		<54	274.447	101.3%
27-Apr	11,700	11,900	2,400	4,810		43,200	34,000	18,100	4,060		<54	273.709	101.1%
28-Apr	10,700	10,700	2,290	4,300		26,700	26,300	8,270	3,220		<54	273.180	100.9%
29-Apr	9,720	9,580	2,150	3,950		22,700	22,400	5,480	2,560		<54	272.528	100.6%
30-Apr	8,910	9,050	1,850	3,510		20,300	20,000	4,410	2,270		<54	271.892	100.4%
April Avg	17,910	17,862	2,706	5,374		35,120	35,003	8,071	3,913				
Normal		**11,385**	**1,753**	**3,648**			**20,105**	**3,584**	**2,680**		**61**		
% of Normal		156.9%	154.4%	147.3%			174.1%	225.2%	146.0%				

NYC 24-hr Reservoir Observations: April 30, 8 am

	Precip (IN.)	Usable (BG)	Storage (%)	Draft (MG)	Directed Rel (MG)
Neversink	0.00	34.463	98.6%	399	0
Pepacton	0.01	140.838	100.5%	0	0
Cannonsville	0.02	96.591	100.9%	298	0
Rondout	0.01	49.031	98.8%	844	0

Directed Releases (cfs): April 30

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 April 30

NYC Daily Storage (BG)=	271.892	100.4%
NYC Daily Storage Median (BG)=	270.899	100.0%
BG Above NYC Daily Storage Median =	0.993	0.37%
BG Above Drought Watch =	82.422	
BG Above Drought Warning =	98.422	
BG Above Drought =	122.422	
BG Below One Year Ago =	0.061	

Daily Usable Storage: April 30

	VOL. (BG)	[d]%CAP
Blue Marsh	6.55	99.8
Beltzville	13.08	100.6

As of April 1, Blue Marsh Reservoir's percent storage capacity is based upon a summer pool usable storage capacity of 6.5 bg.

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 2007.