Delaware River Flow and Storage Data - July 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-Jul	42,400	39,500	10,800	15,700		97,100	89,800	13,500	9,760		66	279.638	103.2%
2-Jul	27,600	27,200	9,280	13,900		63,500	60,600	10,800	8,900		64	277.473	102.5%
3-Jul	20,400	20,100	6,880	10,900		47,200	45,700	9,850	8,110		59	276.107	101.9%
4-Jul	16,500	16,200	5,640	8,980		37,400	36,400	8,920	7,280		47	274.861	101.5%
5-Jul	13,800	13,400	6,010	10,300		32,500	34,300	8,780	6,170		21	274.217	101.2%
6-Jul	11,400	11,100	6,980	11,700	7.2	32,800	33,700	7,900	4,860		38	273.371	100.9%
7-Jul	9,620	9,400	6,310	10,500	7.0	30,000	29,300	5,900	3,860		49	272.751	100.7%
8-Jul	8,420	8,310	2,180	5,060	6.6	25,200	23,000	4,390	2,980	22.2	55	271.927	100.4%
9-Jul	7,630	7,580	2,170	4,430	5.8	17,800	17,600	3,650	2,620	23.2	59	271.267	100.2%
10-Jul	7,080	6,930	2,670	5,010		16,800	18,300	3,330	2,630		61	270.673	99.9%
11-Jul	6,410	5,800	2,840	4,370		16,800	16,600	3,360	2,510		62	270.335	99.8%
12-Jul	4,740	4,830	2,750	4,290		15,400	14,900	3,100	2,140		63	270.198	99.8%
13-Jul	4,520	4,640	2,640	4,370		14,400	14,800	2,820	2,230		63	270.390	99.8%
14-Jul	5,120	4,760	1,710	3,300		13,800	13,300	2,870	2,100	25.5	63	270.163	99.8%
15-Jul	4,220	4,130	1,430	3,330		12,300	11,800	3,880	1,740	25.1	63	269.673	99.6%
16-Jul	4,250	3,930	1,340	3,680		12,500	12,000	6,060	2,410	25.8	63	269.005	99.3%
17-Jul	4,080	3,860	1,180	2,660		10,800	10,600	3,580	1,940	27.4	63	268.342	99.1%
18-Jul	3,670	3,540	1,070	2,390	7.7	9,420	9,500	2,610	1,660	28.4	63	267.549	98.8%
19-Jul	3,400	3,300	975	2,280	7.8	9,470	9,260	3,900	1,980	27.1	63	266.533	98.4%
20-Jul	3,250	3,140	955	2,050	8.0	8,770	8,610	2,860	1,740	27.2	64	265.920	98.2%
21-Jul	3,100	3,080	893	2,040	7.9	7,730	7,860	2,210	1,460	27.7	64	265.257	97.9%
22-Jul	3,250	3,260	1,240	3,190	7.3	16,200	14,100	3,670	2,930	27.0	64	264.795	97.8%
23-Jul	4,350	3,590	1,390	3,110	7.4	12,200	12,500	5,760	3,110	26.0	64	265.031	97.9%
24-Jul	3,450	3,240	1,400	2,620	7.8	10,100	10,400	3,690	2,170	25.7	65	264.738	97.7%
25-Jul	3,450	3,180	1,290	2,370	7.6	9,310	9,270		1,860	25.7	65	264.220	97.6%
26-Jul	3,150	3,090	1,110	2,060	7.4	8,240	8,330	2,150	1,680	26.6	66	263.559	97.3%
27-Jul	2,880	2,880	1,070	2,040	7.1	7,730	7,750	2,000	1,570	27.4	66	263.034	97.1%
28-Jul	2,740	2,910		2,290	6.7	8,040	8,400	4,480	1,990	26.4	66	262.344	96.9%
29-Jul	2,980	2,880		2,420	6.5	8,660	8,430	3,160	1,850	27.2	66	262.875	97.1%
30-Jul	2,660	2,540		2,390	7.0	8,400	8,290	2,510	1,590	27.8	66	262.918	97.1%
31-Jul	2,900	2,730		2,470	7.1	7,630	7,470	2,100	1,450	28.3	66	262.784	97.0%
July Avg	7,852	7,582	3,119	5,039	7.2	20,265	19,770	4,793	3,203	26.4			
Normal		**2,576**	**728**	**1,433**			**6,154**	**1,388**	**1,059**		**72**		
% of Normal		294.3%	428.4%	351.6%			321.3%	345.3%	302.4%				

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

	Precip (IN.)	Usable (BG)	Storage (%)	Draft (MG)	Directed Rel (MG)
Neversink	0.00	31.639	90.5%	95	0
Pepacton	0.00	134.426	95.9%	495	0
Cannonsville	0.00	96.719	101.1%	0	0
Rondout	0.00	47.656	96.0%	728	0

Directed Releases (cfs): July 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: July 31

NYC Daily Storage (BG)=	262.784	97.0%
NYC Daily Storage Median (BG)=	232.432	85.8%
BG Above NYC Daily Storage Median =	30.352	13.06%
BG Above Drought Watch =	98.871	
BG Above Drought Warning =	114.871	
BG Above Drought =	138.871	
BG Above One Year Ago =	40.162	

Daily Usable Storage: July 31

	VOL. (BG)	[d] %CAP
Blue Marsh	6.57	101.1
Beltzville	13.17	101.3

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 resumed as of June 1 and will continue through September 2006.
4. Data for the maximum temperature at the Schuylkill River at Vincent Dam was not available for July 1-7 and 10-13.
5. Data for minimum DO for the Lehigh River at Easton was not available for July 1-5, 10-17, 25
6. Mean daily flow not available for the Schuylkill River at Philadelphia for July 25.
7. Mean daily flow not available for the Lehigh River at Lehighton for July 28-31.