Delaware River Flow and Storage Data - August 2006 Summary

DAY	Delaware @ Montague (CFS) 8:00 AM	Delaware @ Montague (CFS) MEAN	Lehigh River @ Lehighton FLOW (CFS)	Lehigh River @ Bethl FLOW (CFS)	Lehigh River @ Easton MIN DO (MG/L)	Delaware @ Trenton (CFS) 8:00 AM	Delaware @ Trenton (CFS) MEAN	Schuylkill River @ Philadelphia (CFS)	Schuylkill River @ Pottstown (CFS)	Schuylkill River @ Max Temp Degrees C Vincent Dam	[a] Salt Front River Mile	New York City Delaware River Basin Storage BG	New York City Delaware River Basin Storage %CAP
1-Aug	3,490	3,160	1,000	2,210	7.2	7,340	7,350	1,890	1,180	29.6	66	262.383	96.9%
2-Aug	3,450	2,930	694	1,720	7.2	7,050	7,270	1,540	1,050	30.9	67	261.540	96.6%
3-Aug	3,270	2,920	692	1,610	7.2	6,630	6,730	1,330	998	31.7	67	260.660	96.2%
4-Aug	2,920	2,670	705	1,590	7.0	6,260	6,480	1,160	960	30.0	68	259.869	96.0%
5-Aug	2,960	2,430	823	1,480	7.0	6,220	6,270	1,120	908	29.4	69	259.161	95.7%
6-Aug	1,860	1,810	751	1,550	7.4	5,740	5,790	1,110	859	29.0	69	258.329	95.4%
7-Aug	1,650	1,690	537	1,480	7.8	5,570	5,380	1,050	837	28.0	70	257.384	95.0%
8-Aug	2,170	2,030	499	1,270	7.7	4,990	4,820	1,010	822	28.5	70	256.427	94.7%
9-Aug	2,430	1,980	472	1,180	7.7	4,520	4,540	986	826	27.4	70	255.377	94.3%
10-Aug	1,890	1,870	525	1,180	7.9	4,750	4,620	962	773	26.7	71	254.339	93.9%
11-Aug	1,650	1,710	508	1,200	8.0	4,680	4,550	893	731	27.2	71	253.298	93.5%
12-Aug	2,560	1,870	477	1,130	8.1	4,480	4,360	837	669	26.5	71	252.078	93.1%
13-Aug	1,570	1,570	470	1,090	8.1	4,190	4,100	792	625	26.2	71	250.736	92.6%
14-Aug	1,700	1,720	468	1,090	8.2	4,370	4,140	770	622	26.1	71	249.484	92.1%
15-Aug	1,940	1,920	522	1,180	8.0	3,800	3,850	723	617	26.4	71	248.258	91.7%
16-Aug	2,100	2,050	465	1,230	7.6	4,260	4,320	715	802	27.0	71	247.009	91.2%
17-Aug	2,140	2,010	490	1,090	8.0	4,750	4,530	885	773	26.9	72	245.826	90.8%
18-Aug	1,860	1,960	478	1,090	7.7	4,410	4,380	785	688	27.2	72	244.517	90.3%
19-Aug	2,120	2,010	668	1,040	7.8	4,370	4,220	722	624	26.8	72	243.105	89.8%
20-Aug	1,860	1,890	723	1,340	7.4	4,150	4,190	752	626	27.8	72	244.301	90.2%
21-Aug	1,860	2,920	466	1,310	7.7	4,750	4,440	755	612	27.8	72	244.798	90.4%
22-Aug	3,400	2,870	407	977	7.8	4,450	4,230	678	575	27.8	73	244.491	90.3%
23-Aug	2,320	2,110	398	950	7.4	5,570	5,250	618	546	27.3	73	243.835	90.0%
24-Aug	1,860	1,860	404	967	7.7	4,830	4,670	639	537	27.2	73	242.936	89.7%
25-Aug	1,740	1,800	400	955	7.6	4,220	4,070	611	552	26.5	74	241.633	89.2%
26-Aug	2,190	2,080	444	1,260	7.9	4,600	4,310	1,210	680	25.0	74	240.786	88.9%
27-Aug	2,210	2,370	553	1,300	8.3	4,910	4,740	2,290	902	22.9	75	240.050	88.6%
28-Aug	3,060	3,010	959	1,960	8.3	5,650	6,110	8,270	3,840	22.8	75	240.133	88.7%
29-Aug	4,610	4,280	869	1,970	8.7	8,500	8,370	6,550	4,060	23.0	75	240.225	88.7%
30-Aug	5,680	10,200	2,220	2,640	8.6	8,400	9,870	11,400	3,430	22.7	75	244.402	90.2%
31-Aug	10,200	9,870	3,480	4,780	9.2	13,000	17,000	3,870	2,450	22.1	74	246.736	91.1%
August Avg	2,733	2,760	728	1,478	7.8	5,529	5,644	1,836	1,102	26.9			
Normal		**2,129**	**455**	**1,088**			**5,070**	**1,154**	**824**		**77**		
% of Normal		129.7%	160.0%	135.8%			111.3%	159.1%	133.8%				

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

	Precip (IN.)	Usable (BG)	Storage (%)	Draft (MG)	Directed Rel (MG)
Neversink	0.00	23.072	66.0%	113	0
Pepacton	0.00	127.829	91.2%	491	0
Cannonsville	0.00	95.835	100.1%	0	0
Rondout	0.00	47.149	95.0%	607	0

NYC Reservoir Spill (MG): August 31

Neversink	0
Pepacton	0
Cannonsville	97

Directed Releases (cfs): August 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: August 31

NYC Daily Storage (BG)=	246.736	91.1%
NYC Daily Storage Median (BG)=	204.376	75.5%
BG Above NYC Daily Storage Median =	42.360	20.73%
BG Above Drought Watch =	109.779	
BG Above Drought Warning =	125.779	
BG Above Drought =	149.780	
BG Above One Year Ago =	75.499	

Daily Usable Storage: August 31

	VOL. (BG)	[d]%CAP
Blue Marsh	6.20	95.4
Beltzville	13.05	100.4

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.