Delaware River Flow and Storage Data - August 2004 Summary

DAY	Delaware @ Montague (CFS)		Lehigh River @			Delaware @ Trenton (CFS)		Schuylkill River @			[a] Salt Front	New York City Delaware River Basin Storage	
			Lehighton FLOW (CFS)	Bethl FLOW (CFS)	Easton MIN DO (MG/L)			Phila (CFS)	Potts (CFS)	Max Temp Degrees C Vincent Dam			
	8:00 AM	MEAN				8:00 AM	MEAN				River Mile	BG	%CAP
1-Aug	6,010	5,070	791	2,330	7.7	12,800	14,499	13,700	7,110	23.4	67	253.591	93.6%
2-Aug	5,930	5,510	1,409	2,480	7.7	12,500	12,200	8,960	4,770	23.4	65	254.622	94.0%
3-Aug	5,470	4,980	1,550	2,600	7.6	11,900	11,500	5,860	3,730	23.9	65	255.436	94.3%
4-Aug	4,610	4,160	1,320	2,390	7.6	12,000	11,300	4,790	3,000	24.6	64	255.871	94.5%
5-Aug	4,220	3,670	1,110	2,250	7.7	10,400	10,100	4,360	3,190	23.9	63	256.135	94.6%
6-Aug	4,130	3,880	893	1,930	7.9	8,610	8,680	4,089	2,670	22.5	62	256.442	94.7%
7-Aug	3,560	3,510	726	1,630	8.4	7,630	7,870	3,449	2,270	20.6	62	256.417	94.7%
8-Aug	2,460	2,430	600	1,470	8.8	7,340	7,390	3,060	2,080	20.9	63	256.452	94.7%
9-Aug	2,130	2,130	538	1,340	8.7	6,580	6,290	2,870	1,940	22.5	64	256.317	94.6%
10-Aug	2,770	2,380	486	1,260	8.4	5,360	5,250	2,570	1,750	23.5	65	255.944	94.5%
11-Aug	2,970	2,460	487	1,250	8.2	4,870	4,980	2,360	1,630	23.3	66	255.268	94.3%
12-Aug	2,829	2,790	747	1,290	7.6	5,649	5,550	2,370	1,820	23.2	67	254.991	94.1%
13-Aug	38,900	32,300	4,210	6,620	8.1	5,860	9,900	9,160	12,200	22.5	68	258.523	95.5%
14-Aug	32,100	28,899	3,930	6,720	8.5	57,499	52,100	16,900	12,000		68	262.723	97.0%
15-Aug	17,500	16,300	3,510	4,980	9.0	43,200	40,300	10,600	7,960	20.5	68	264.446	97.6%
16-Aug	11,900	13,700	3,010	4,069	8.9	28,000	26,800	7,880	5,770		68	267.820	98.9%
17-Aug	15,100	15,200	2,300	3,350	8.4	21,100	22,300	5,709	4,200	21.1	67	269.684	99.6%
18-Aug	13,600	13,000	1,550	2,560	8.4	22,700	22,300	4,300	3,040	21.5	67	270.235	99.8%
19-Aug	10,800	10,500	1,150	2,090	7.8	19,900	19,100	3,640	2,819	21.8	66	270.192	99.8%
20-Aug	9,560	9,160	1,150	1,970	8.0	16,200	15,900	3,400	2,590	22.8	64	270.249	99.8%
21-Aug	8,270	8,700	2,450	7,530	7.8	14,700	17,000	3,360	4,930	22.4	63	270.299	99.8%
22-Aug	10,700	10,400	2,730	7,020	7.7	34,400	32,400	9,640	7,940		62	271.331	100.2%
23-Aug	9,330	8,740	2,560	4,850	8.7	26,800	25,800	7,070	5,160	20.6	62	271.347	100.2%
24-Aug	6,919	6,760	2,270	4,180	8.5	21,400	20,500	4,950	3,640	21.0	61	271.284	100.2%
25-Aug	6,230	5,760	1,719	3,459	8.5	17,300	16,800	3,850	2,910	21.9	60	270.881	100.0%
26-Aug	5,960	5,360	1,260	2,859	8.4	15,000	14,299	3,320	2,450	22.0	60	270.444	99.9%
27-Aug	5,290	4,890	1,140	2,440	8.4	13,100	12,600	2,930	2,230	22.6	60	269.942	99.7%
28-Aug	4,930	4,590	1,110	2,230	8.2	11,400	11,200	2,720	2,060	23.7	60	269.725	99.6%
29-Aug	4,370	4,069	1,000	2,110	7.8	11,000	10,900	2,540	1,970	24.4	60	269.616	99.5%
30-Aug	4,580	4,540	950	2,120	7.8	9,980	9,840	2,630	2,020	23.9	61	269.204	99.4%
31-Aug	8,710	8,120	976	2,859	7.6	9,310	11,000	10,200	2,440	23.3	61	269.355	99.5%
Aug Avg	8,769	8,192	1,601	3,104	8.2	16,274	16,021	5,588	4,009	22.6			
Normal		**2,129**	**455**	**1,088**			**5,070**	**1,154**	**824**		**77**		
% of Normal		384.8%	351.9%	285.3%			316.0%	484.3%	486.6%				

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

	Precip (IN.)	Usable (BG)	Storage (%)	Draft (MG)	Directed Rel (MG)
Neversink	2.70	34.350	98.3%	96	0
Pepacton	0.21	139.785	99.7%	215	0
Cannonsville	0.62	95.220	99.5%	149	0
Rondout	3.68	48.510	97.8%	611	0

DIRECTED RELEASES (CFS)

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 August 31

NYC Daily Storage (BG)=	269.355	99.5%
NYC Daily Storage Median (BG)=	204.376	75.5%
BG Above NYC Daily Storage Median =	64.979	31.79%
BG Above Drought Watch =	132.398	
BG Above Drought Warning =	148.398	
BG Above Drought =	172.399	
BG Above One Year Ago =	6.457	

DAILY USABLE STORAGE 8/31/04

	VOL. (BG)	[d]%CAP
Blue Marsh	6.63	102.0
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. The minimum dissolved oxygen for the Lehigh River at Easton and the maximum temperature at the Schuylkill River at Vincent Dam will be reported through Sept. 30.
4. The maximum temperature for the Schuylkill River at Vincent Dam is currently unavailable for August 14, 16 and 22.