Delaware River Flow and Storage Data - July 2004 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	Phila (CFS)	Potts (CFS)	Vincent Dam	River Mile	BG	%CAP
1-Jul	2,039	1,850	499	1,110	8.6	4,330	4,230	1,290	974	24.8	70	256.761	94.8%
2-Jul	1,610	1,720	489	1,100	8.5	4,079	3,980	1,180	938	26.6	70	255.788	94.4%
3-Jul	1,630	1,610	498	1,040	8.3	4,150	4,020	1,120	919	27.2	70	254.550	94.0%
4-Jul	1,690	1,720	465	994	8.2	3,870	3,780	1,060	870	27.2	70	253.145	93.5%
5-Jul	1,740	1,760	437	966	8.1	3,870	3,620	1,060	852	28.4	71	251.777	93.0%
6-Jul	1,740	1,790	418	946	8.0	3,570	3,610	1,020	867	28.5	71	250.851	92.6%
7-Jul	2,400	2,150	366	933	8.1	3,570	3,580	1,040	849	28.2	71	249.646	92.2%
8-Jul	2,790	2,330	339	907	8.2	3,600	3,660	1,180	1,010	27.6	71	248.936	91.9%
9-Jul	2,400	2,220	322	842	7.6	4,080	3,980	1,100	837	26.4	71	248.117	91.6%
10-Jul	2,240	2,080	312	813	6.3	4,110	4,020	978	764	27.0	72	246.959	91.2%
11-Jul	1,970	1,870	304	794		4,010	3,830	876	723	28.0	72	245.968	90.8%
12-Jul	1,760	1,740	632	3,640		3,730	4,420	7,010	7,840	26.7	72	245.067	90.5%
13-Jul	2,130	2,010	1,080	4,770		17,100	14,000	21,800	9,990	21.4	72	244.299	90.2%
14-Jul	2,350	2,170	769	2,480		9,640	9,420	7,650	6,140	21.3	72	243.503	89.9%
15-Jul	2,350	2,400	630	2,120	7.9	12,900	11,900	16,900	8,140	20.3	72	243.256	89.8%
16-Jul	3,720	3,440	477	1,650	8.0	8,550	8,120	6,990	4,320	20.6	71	242.893	89.7%
17-Jul	3,690	3,350	470	1,480	7.5	6,760	7,150	4,790	3,300	22.3	70	242.399	89.5%
18-Jul	2,550	2,550	649	1,570	7.3	6,810	7,450	4,550	3,440	21.8	70	241.851	89.3%
19-Jul	2,570	2,690	1,040	2,410	6.0	7,730	8,110	7,100	4,210	21.1	69	241.362	89.1%
20-Jul	3,990	3,600	872	2,110	7.8	8,820	8,540	4,840	2,830	22.9	68	240.940	89.0%
21-Jul	3,300	3,110	825	1,840	7.0	7,630	7,820	3,530	2,240	23.9	68	240.264	88.7%
22-Jul	2,930	2,770	756	1,680	7.0	7,340	7,290	2,920	1,970	24.5	67	239.298	88.4%
23-Jul	2,630	2,690	702	1,580	6.7	6,440	6,880	3,020	2,020	24.2	67	238.376	88.0%
24-Jul	4,680	4,640	801	2,080	7.6	7,730	8,140	4,960	4,570	23.2	67	240.484	88.8%
25-Jul	5,530	4,550	812	1,630	8.1	7,580	8,050	4,700	3,010	22.0	68	241.087	89.0%
26-Jul	3,870	3,390	705	1,540	8.4	8,140	8,310	3,640	2,740	22.8	68	241.211	89.1%
27-Jul	3,520	3,010	623	2,320	8.5	7,340	7,590	4,540	7,000	22.2	68	241.484	89.2%
28-Jul	6,770	10,800	794	3,510	8.1	28,799	23,000	30,700	11,500	21.2	68	245.906	90.8%
29-Jul	11,600	11,900	1,030	2,849	8.0	14,900	19,800	13,600	5,080	21.9	68	249.293	92.0%
30-Jul	10,500	9,920	1,019	2,430	7.6	19,600	19,200	6,400	3,640	22.7	68	251.194	92.7%
31-Jul	7,300	6,600	846	2,080	7.9	16,600	15,900	4,850	2,940	23.8	67	252.411	93.2%
July Avg	3,548	3,498	645	1,813	7.8	8,303	8,174	5,690	3,436	24.2			
Normal		**2,576**	**728**	**1,433**			**6,154**	**1,388**	**1,059**		**72**		
% of Normal		135.8%	88.5%	126.5%			132.8%	410.0%	324.5%				

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

	Precip (IN.)	Usable (BG)	Storage (%)	Draft (MG)	Directed Rel (MG)
Neversink	0.00	34.887	99.8%	386	0
Pepacton	0.02	130.883	93.4%	0	0
Cannonsville	0.00	86.641	90.5%	0	0
Rondout	0.01	48.233	97.2%	733	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 July 31

NYC Daily Storage (BG)=	252.411	93.2%
NYC Daily Storage Median (BG)=	232.432	85.8%
BG Above NYC Daily Storage Median =	19.979	8.60%
BG Above Drought Watch =	88.498	
BG Above Drought Warning =	104.498	
BG Above Drought =	128.498	
BG Below One Year Ago =	7.186	

DAILY USABLE STORAGE 7/31/04

	VOL. (BG)	[d] %CAP
Blue Marsh	6.78	104.3
Beltzville	13.22	101.7

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 minimum dissolved oxygen for the Lehigh River at Easton is currently unavailable for July 11-14.