Delaware River Flow and Storage Data - July 2008 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	2,560	2,240	438	894	7.8	4,010	4,120	633	571	28.6	73	241.040	89.0%
2-Jul	2,680	2,200	445	835	7.9	4,010	4,000	578	531	28.9	73	240.542	88.8%
3-Jul	2,370	2,030	417	876	7.9	4,560	4,360	508	473	29.4	73	239.512	88.4%
4-Jul	2,240	1,960	424	959	7.9	4,450	4,350	416	490	27.5	73	238.475	88.1%
5-Jul	2,320	1,800	605	880	7.8	4,600	4,410	720	612	26.5	73	237.095	87.5%
6-Jul	2,000	1,890	673	1,160	8.0	4,450	4,310	683	689	25.5	73	236.157	87.2%
7-Jul	1,760	1,760	477	1,310	8.3	4,680	4,360	862	702	25.7	73	235.267	86.9%
8-Jul	2,300	2,040	401	908	8.1	4,600	4,450	888	788	28.4	73	234.202	86.5%
9-Jul	2,100	1,950	395	787	7.4	3,940	3,910	914	684	27.3	73	233.169	86.1%
10-Jul	2,280	1,900	404	787	7.3	4,190	3,980	1,260	721	27.9	73	232.213	85.7%
11-Jul	2,170	1,820	396	757	7.4	3,940	3,810	791	577	29.0	74	231.193	85.4%
12-Jul	2,300	1,910	380	726	7.4	3,830	3,680	597	508	29.5	74	229.831	84.9%
13-Jul	1,730	1,790	385	696	7.3	3,600	3,510	522	480	29.6	74	228.572	84.4%
14-Jul	2,010	2,080	463	1,140	7.2	3,700	3,780	725	960	28.0	74	228.618	84.4%
15-Jul	4,200	3,670	408	1,050	7.5	4,370	4,390	1,290	830	27.9	74	228.161	84.2%
16-Jul	3,320	2,780	382	797	7.5	4,300	4,790	866	623	29.3	74	227.334	83.9%
17-Jul	2,620	2,270	370	842	7.4	5,480	5,340	608	537	30.1	74	226.416	83.6%
18-Jul	2,070	1,930	429	1,030	7.7	4,710	4,820	503	504	30.9	75	225.547	83.3%
19-Jul	2,860	2,340	562	928	7.1	4,560	4,300	503	474	31.7	74	224.347	82.8%
20-Jul	2,030	1,980	619	1,210	7.0	3,900	3,860	455	458	32.4	74	223.247	82.4%
21-Jul	2,000	1,990	444	1,220	7.1	4,910	4,480	557	509	31.4	75	222.645	82.2%
22-Jul	2,350	2,140	356	759	7.0	4,220	4,060	516	444	31.5	75	222.057	82.0%
23-Jul	2,600	2,360	386	1,050	7.0	3,870	4,020	1,500	684	29.7	75	221.860	81.9%
24-Jul	10,900	15,000	706	2,420	7.3	5,070	6,160	5,560	1,270	26.1	75	229.535	84.8%
25-Jul	16,800	16,900	493	1,430	7.6	8,930	18,300	2,340	804	27.1	75	235.485	86.9%
26-Jul	10,500	9,300	441	944	7.6	21,600	20,800	1,150	600	28.2	75	237.610	87.7%
27-Jul	6,120	5,870	440	1,290	7.6	14,900	14,200	996	896	26.9	75	238.667	88.1%
28-Jul	4,970	5,200	441	1,030	7.6	10,900	10,500	2,290	914	26.7	75	239.910	88.6%
29-Jul	5,790	5,460	402	898	7.6	8,820	8,580	1,050	596	28.6	75	240.452	88.8%
30-Jul	4,300	3,920	392	808	7.5	8,980	8,610	702	523	29.3	74	240.561	88.8%
31-Jul	3,490	3,200	363	805	7.3	7,430	7,230	595	637	28.2	74	240.484	88.8%
July Avg	3,798	3,667	450	1,007	7.5	5,984	6,176	1,019	648	28.6			
Normal		**2,576**	**728**	**1,433**			**6,154**	**1,388**	**1,059**		**72**		
% of Normal		142.4%	61.8%	70.3%			100.4%	73.4%	61.2%				

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

	Precip (IN.)	Usable (BG)	Storage (%)	Draft (MG)	Directed Rel (MG)
Neversink	0.00	29.137	83.4%	0	0
Pepacton	0.00	128.884	91.9%	413	0
Cannonsville	0.00	82.463	86.2%	300	0
Rondout	0.03	47.222	95.2%	712	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)=	240.484	88.8%
NYC Daily Storage Median (BG)=	232.432	85.8%
BG Above NYC Daily Storage Median =	8.052	3.46%
BG Above Drought Watch =	76.571	
BG Above Drought Warning =	92.571	
BG Above Drought =	116.571	
BG Above One Year Ago =	22.432	

Daily Usable Storage: July 31

	VOL. (BG)	[d]%CAP
Blue Marsh	6.58	101.2
Beltzville	13.00	100.0

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 2008.