Delaware River Flow and Storage Data - September 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	
			Lehighton FLOW (CFS)	Bethl FLOW (CFS)	Easton MIN DO (MG/L)			Philadelphia (CFS)	Pottstown (CFS)	Vincent Dam			
	8:00 AM	MEAN				8:00 AM	MEAN					BG	%CAP
1-Sep	1,760	1,760	362	1,070	8.2	3,700	3,550	481	377	26.8	81	215.193	79.5%
2-Sep	1,730	1,740	288	781	8.3	3,670	3,530	442	341	27.5	82	214.358	79.1%
3-Sep	1,810	1,750	273	754	8.0	3,190	3,220	360	337	27.6	83	213.283	78.7%
4-Sep	1,790	1,790	265	664	7.8	3,130	3,130	359	4,447	28.4	83	212.196	78.3%
5-Sep	2,390	2,040	263	616	7.6	3,100	3,090	402	527	28.2	84	211.258	78.0%
6-Sep	1,930	2,010	300	1,320	7.4	3,010	3,610	2,160	1,590	26.5	84	211.091	77.9%
7-Sep	2,430	1,930	361	1,380	7.7	6,220	6,620	7,500	2,690	24.0	84	211.539	78.1%
8-Sep	1,490	1,480	291	779	7.7	5,740	5,540	2,120	986	24.8	84	211.317	78.0%
9-Sep	1,360	1,970	371	900	7.7	4,480	4,400	1,440	1,030		84	210.856	77.9%
10-Sep	2,050	2,460	419	1,050	8.0	4,410	4,550	1,840	948		83	210.518	77.7%
11-Sep	2,070	2,400	399	807	8.1	5,520	5,330	1,250	805	22.8	82	210.015	77.5%
12-Sep	2,340	2,350	399	838	8.2	5,110	5,160	1,080	674	21.5	81	209.359	77.3%
13-Sep	1,780	1,920	598	934	8.3	5,190	5,290	2,320	1,240		80	208.738	77.1%
14-Sep	1,540	1,710	615	1,110	8.2	5,190	5,120	1,780	950	25.7	80	208.376	76.9%
15-Sep	1,660	1,710	437	1,020	8.0	4,950	4,600	1,280	769	26.0	79	207.824	76.7%
16-Sep	1,710	1,900	364	745	7.8	4,150	4,040	962	605	24.0	79	207.281	76.5%
17-Sep	1,630	1,820	331	697	8.0	3,570	3,600	767	519	23.5	79	206.603	76.3%
18-Sep	1,460	1,600	323	637	8.1	3,630	3,600	664	500	22.9	79	205.958	76.0%
19-Sep	1,430	1,550	317	615	8.2	3,440	3,410	571	476	22.3	79	205.167	75.8%
20-Sep	1,370	1,490	303	656	8.4	3,160	3,150	598	495	21.9	79	204.184	75.4%
21-Sep	2,030	1,580	294	644	8.6	3,040	3,060	595	511	22.2	80	203.096	75.0%
22-Sep	1,960	1,900	293	627	8.5	2,980	3,030	643	512	22.4	80	202.318	74.7%
23-Sep	1,810	1,820	291	589	8.5	3,010	3,040	614	487	22.4	81	201.066	74.2%
24-Sep	1,930	1,800	288	597	8.5	3,250	3,250	590	437	22.1	81	199.803	73.8%
25-Sep	2,700	2,130	287	612	8.5	3,220	3,220	564	393	20.0	82	198.588	73.3%
26-Sep	2,100	2,240	292	633	8.6	3,380	3,400	568	443	18.7	83	197.738	73.0%
27-Sep	2,320	2,160	571	711	8.7	4,190	4,090	752	484	19.9	83	197.141	72.8%
28-Sep	1,760	1,990	828	2,440	8.3	5,030	5,050	2,250	696	20.8	83	196.944	72.7%
29-Sep	2,300	2,420	925	3,280	8.3	12,300	11,700	2,630	1,390	20.4	83	196.886	72.7%
30-Sep	2,500	2,550	519	1,700	8.6	9,530	9,060	1,930	1,080	20.3	83	196.491	72.5%
September Avg	1,905	1,932	396	974	8.2	4,483	4,448	1,317	891	23.5			
Normal		**2,166**	**436**	**1,154**			**4,999**	**1,102**	**929**		**79**		
% of Normal		89.2%	90.7%	84.4%			89.0%	119.5%	95.9%				

NYC 24-hr Reservoir Observations: September 30, 8 am

	Precip (IN.)	Usable (BG)	Storage (%)	Draft (MG)	Directed Rel (MG)
Neversink	0.00	25.578	73.2%	107	0
Pepacton	0.00	108.943	77.7%	450	0
Cannonsville	0.00	61.970	64.8%	200	0
Rondout	0.00	44.259	89.2%	704	0

Directed Releases (cfs): September 30

Blue Marsh	0
Beltzville	0
[b] F.E. Walter	0
Merrill Cr	0
NYC IERQ	0
[c] Lake Wallenpaupack	0

Summary of NYC Storage Observations: September 30

NYC Daily Storage (BG)=	196.491	72.5%
NYC Daily Storage Median (BG)=	179.031	66.1%
BG Above NYC Daily Storage Median =	17.460	9.75%
BG Above Drought Watch =	85.621	
BG Above Drought Warning =	101.621	
BG Above Drought =	125.621	
BG Above One Year Ago =	27.640	

Daily Usable Storage: September 30

	VOL. (BG)	[d] %CAP
Blue Marsh	6.45	99.2
Beltzville	12.35	95.0

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.

4. Temperature data was not available at Schuylkill River at Vincent Dam on September 9-10,13, 2008.