Delaware River Flow and Storage Data - September 2007 Summary

DAY	Delaware @ Montague (CFS)		Lehigh River @			Delaware @ Trenton (CFS)		Schuylkill River @			[a] Salt	New York City Delaware River Basin Storage	
			Lehighton	Bethl	Easton			Philadelphia	Pottstown	Max Temp Degrees C	Front		
	8:00 AM	MEAN	FLOW (CFS)	FLOW (CFS)	MIN DO (MG/L)	8:00 AM	MEAN	(CFS)	(CFS)	Vincent Dam	River Mile	BG	%CAP
1-Sep	2,230	1,850	729	1,140	8.1	4,950	4,650	608	510	25.6	75	190.795	70.4%
2-Sep	1,790	1,770	756	1,540	7.9	4,410	4,320	606	461	26.0	76	189.733	70.1%
3-Sep	1,730	1,720	486	1,460	8.4	4,990	4,660	560	436	26.6	76	188.361	69.5%
4-Sep	1,700	1,680	438	1,030	8.4	4,560	4,370	524	427	27.0	76	187.201	69.1%
5-Sep	2,070	1,800	407	964	8.2	3,970	3,960	472	427	26.4	77	186.022	68.7%
6-Sep	1,890	1,680	400	887	8.2	3,830	3,820	474	441	27.0	75	184.791	68.2%
7-Sep	2,140	1,790	398	875	8.2	3,970	3,820	457	432	28.1	76	183.585	67.8%
8-Sep	2,010	1,870	405	868	8.0	3,770	3,680	486	428	28.9	76	182.261	67.3%
9-Sep	2,800	2,040	547	1,130	7.8	3,830	3,750	516	422	28.8	76	181.295	66.9%
10-Sep	1,630	1,660	440	1,020	7.8	4,040	4,040	511	416	29.4	77	180.474	66.6%
11-Sep	2,660	2,080	483	1,160	7.6	4,260	4,130	581	664	27.3	77	179.717	66.4%
12-Sep	1,940	1,910	544	1,220	7.7	4,220	4,190	861	772	24.9	78	180.721	66.7%
13-Sep	2,860	2,440	476	1,060	8.1	4,710	4,410	853	640		78	180.650	66.7%
14-Sep	2,760	2,330	460	971	8.4	4,260	4,180	674	519		78	180.296	66.6%
15-Sep	1,830	1,770	770	944	8.5	4,680	4,550	606	433		79	179.690	66.3%
16-Sep	1,710	1,770	773	1,400	8.7	4,480	4,260	505	399	17.8	79	179.415	66.2%
17-Sep	2,140	2,060	496	1,350	9.1	4,330	4,050	499	372	18.2	79	179.086	66.1%
18-Sep	1,960	1,880	452	892	9.2	4,110	4,000	422	352	19.3	79	178.530	65.9%
19-Sep	1,700	1,660	445	858	9.2	3,970	3,900	398	351	22.3	79	177.905	65.7%
20-Sep	1,960	1,740	441	849	9.0	3,830	3,700	380	352	23.1	79	177.221	65.4%
21-Sep	1,510	1,650	382	816	8.8	3,500	3,490	360	386	24.3	79	176.453	65.2%
22-Sep	1,630	1,660	355	778	8.6	3,570	3,520	426	385	24.1	79	175.471	64.8%
23-Sep	2,210	1,750	346	699	8.4	3,380	3,420	445	369	24.6	80	174.468	64.4%
24-Sep	1,760	1,730	340	665	8.4	3,310	3,320	443	351	24.0	80	173.551	64.1%
25-Sep	1,880	1,720	361	655	8.5	3,440	3,330	377	336	24.6	80	172.573	63.7%
26-Sep	1,830	1,670	365	678	8.4	3,250	3,250	366	330	25.8	80	171.577	63.4%
27-Sep	2,430	1,860	352	672	8.1	3,310	3,280	347	348	26.1	81	170.441	62.9%
28-Sep	1,660	1,650	400	702	7.9	3,250	3,220	361	443	24.8	81	169.977	62.8%
29-Sep	1,600	1,620	669	741	8.1	3,570	3,390	418	391	23.0	82	169.716	62.7%
30-Sep	1,840	1,790	882	1,240	8.4	3,220	3,200	434	364	22.7	82	168.851	62.3%
September Avg	1,995	1,820	493	975	8.3	3,966	3,862	499	432	24.8			
Normal		**2,166**	**436**	**1,154**			**4,999**	**1,102**	**929**		**79**		
% of Normal		84.0%	113.1%	84.5%			77.3%	45.3%	46.5%				

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

	Precip (IN.)	Usable Storage (BG)	Storage (%)	Draft (MG)	Directed Rel (MG)
Neversink	0.00	23.211	66.4%	11	85
Pepacton	0.01	96.521	68.9%	501	105
Cannonsville	0.00	49.119	51.3%	195	579
Rondout	0.00	46.962	94.6%	717	0

Directed Releases (cfs): September 30

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: September 30

NYC Daily Storage (BG)=	168.851	62.3%
NYC Daily Storage Median (BG)=	179.031	66.1%
BG Below NYC Daily Storage Median =	10.180	-5.69%
BG Above Drought Watch =	57.981	
BG Above Drought Warning =	73.981	
BG Above Drought =	97.981	
BG Below One Year Ago =	77.696	

Daily Usable Storage: September 30

	VOL. (BG)	[d]%CAP
Blue Marsh	6.59	101.4
Beltzville	13.04	100.3

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. 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 2007.

4. Temperature at Vincent Dam was not available for September 13-15, 2007.