Delaware River Flow and Storage Data - November 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-Nov	5,360	5,590	1,100	2,480		15,900	15,700	1,760	1,030		81	189.419	69.9%
2-Nov	5,120	5,470	1,090	2,210		12,900	13,100	1,380	908		78	191.463	70.7%
3-Nov	5,440	5,700	1,130	2,090		11,900	12,000	1,260	796		76	193.515	71.5%
4-Nov	6,270	5,870	1,310			11,600		1,150	678		76	195.395	72.1%
5-Nov	5,760	5,480	1,200	2,140		12,300	12,000	1,040	640		76	197.432	72.9%
6-Nov	5,660	5,540	1,050	1,990		11,400	11,300	1,090	633		75	199.303	73.6%
7-Nov	5,570	5,140	968	1,850		11,500	11,200	1,030	603		75	201.064	74.2%
8-Nov	5,360	4,890	894	1,680		10,700	10,500	1,000	572		74	202.685	74.8%
9-Nov	4,220	4,180	872	1,600		10,200	9,990	953	546		74	204.156	75.4%
10-Nov	3,990	3,980	773	1,460		9,090	8,980	846	513			205.418	75.8%
11-Nov	3,710	3,700	654	1,280		8,400	8,330	711	485			206.444	76.2%
12-Nov	3,340	3,340	648	1,190		8,040	7,880	642	479			207.360	76.6%
13-Nov	3,420	3,170	616	1,230		7,390	7,470	810	484			208.172	76.9%
14-Nov	3,580	3,380	604	1,260		7,240	7,470	887	603			209.074	77.2%
15-Nov	3,780	3,630	645	1,500		7,530	8,530	1,640	906			210.073	77.6%
16-Nov	3,990	4,300	948	2,010		13,000	12,700	3,630	1,160			211.708	78.2%
17-Nov	5,740	5,830	1,240	2,120		12,300	12,200	1,470	931			213.374	78.8%
18-Nov	6,210	5,510	1,300	2,260		12,600	12,600		740			214.608	79.2%
19-Nov	5,120	4,880	1,180	2,170		12,800	12,300		630			215.638	79.6%
20-Nov	4,570	4,570	940	1,830		11,600	11,000		565			216.599	80.0%
21-Nov	4,490	4,280	740	1,550		10,300	9,950		558			217.652	80.4%
22-Nov	4,180	3,940	639	1,350		9,470	9,270	1,030	543			218.507	80.7%
23-Nov	3,060	3,020	622	1,210		8,820	8,620	968	515			219.153	80.9%
24-Nov	2,620	2,990	619	1,200		7,580	7,470	957	490			219.813	81.2%
25-Nov	3,900	3,910	657	1,470		7,290	7,530	1,110	577		74	220.837	81.5%
26-Nov	4,320	4,560	688	1,500		9,140	9,090	1,390	657		73	221.441	81.8%
27-Nov	4,870	4,250	768	1,410		9,810	9,490	1,230	577		73	222.153	82.0%
28-Nov	3,510	3,580	745	1,380		9,580	9,370	1,070	513		73	222.688	82.2%
29-Nov	3,290	3,490	615	1,270		8,190	8,130	996	490		74	223.139	82.4%
30-Nov	3,150	3,410	616	1,270		7,980	7,930	1,160	550		74	223.733	82.6%
November Avg	4,453	4,386	862	1,654		10,218	10,072	1,200	646				
Normal		**4,336**	**1,282**	**2,301**			**10,440**	**2,363**	**1,745**		**80**		
% of Normal		101.2%	67.3%	71.9%			96.5%	50.8%	37.0%				

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

	Precip (IN.)	Usable (BG)	Storage (%)	Draft (MG)	Directed Rel (MG)
Neversink	0.00	29.832	85.4%	0	0
Pepacton	0.00	122.808	87.6%	0	0
Cannonsville	0.00	71.093	74.3%	0	0
Rondout	0.00	45.209	91.1%	725	0

Directed Releases (cfs): November 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: November 30

NYC Daily Storage (BG)=	223.733	82.6%
NYC Daily Storage Median (BG)=	166.093	61.3%
BG Above NYC Daily Storage Median =	57.640	34.70%
BG Above Drought Watch =	113.733	
BG Above Drought Warning =	129.733	
BG Above Drought =	153.733	
BG Above One Year Ago =	7.416	

Daily Usable Storage: November 30

	VOL. (BG)	[d] %CAP
Blue Marsh	4.79	100.6
Beltzville	12.99	99.9

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 been discontinued. Reporting will begin again in June 2009.
4. Streamflow data for November 4 for the Lehigh River at Bethlehem is currently unavailable.
5. Streamflow data for November 4 for the Delaware River at Trenton is currently unavailable.
6. Streamflow data for November 18-21 for the Schuylkill River at Philadelphia are currently unavailable.
7. The salt front river mile location is currently unavailable for the period November 10-24, 2008.