Delaware River Flow and Storage Data - October 2012 Summary

DAY	Delaware @ Montague (CFS)		Lehigh River @			Delaware @ Trenton (CFS)		Schuylkill River @		Max Temp Degrees C	[a] Salt	New York City Delaware River Basin Storage	
	8:00 AM	MEAN	Lehighton FLOW (CFS)	Bethl FLOW (CFS)	Glendon MIN DO (MG/L)	8:00 AM	MEAN	Philadelphia (CFS)	Pottstown (CFS)	Vincent Dam	Front River Mile	BG	%CAP
1-Oct	4,010	3,910	665	1,410		8,900	8,520	1,140	791		73	184.429	68.1%
2-Oct	3,400	3,540	774	2,250		7,420	7,300	1,150	1,930		73	184.518	68.1%
3-Oct	3,920	3,930	868	2,750		12,800	11,400	4,060	3,420		73	184.577	68.2%
4-Oct	3,740	3,850	921	2,350		10,800	10,800	3,890	2,980		73	184.546	68.1%
5-Oct	3,690	3,950	985	2,360		10,200	10,300	2,720	1,930		73	184.888	68.3%
6-Oct	3,970	4,120	886	2,120		9,840	9,600	2,110	1,620		72	184.998	68.3%
7-Oct	3,530	3,610	812	1,940		9,330	9,050	1,800	1,410		72	185.027	68.3%
8-Oct	3,250	3,430	785	1,860		8,480	8,260	1,610	1,280		71	185.029	68.3%
9-Oct	3,060	3,140	706	1,720		7,910	7,690	1,530	1,170		71	184.893	68.3%
10-Oct	2,840	2,960	705	1,590		7,270	7,110	1,390	962		71	184.795	68.2%
11-Oct	2,740	2,800	689	1,550		6,660	6,600	1,150	933		71	184.611	68.2%
12-Oct	2,600	2,670	608	1,430		6,430	6,350	1,090	891		71	184.258	68.0%
13-Oct	2,470	2,550	585	1,280		5,820	5,760	1,000	830		71	183.951	67.9%
14-Oct	2,280	2,330	558	1,220		5,520	5,490	951	790		72	183.477	67.7%
15-Oct	2,170	2,210	568	1,240		5,190	5,220	1,130	816		72	183.105	67.6%
16-Oct	2,260	2,290	586	1,370		5,360	5,470	1,550	1,100		72	182.711	67.5%
17-Oct	2,240	2,300	519	1,310		5,610	5,540	1,460	1,010		72	182.313	67.3%
18-Oct	2,230	2,370	502	1,100		5,360	5,330	1,230	935		72	181.752	67.1%
19-Oct	2,260	4,060	1,850	3,480		4,990	5,990	3,050	3,260		72	181.536	67.0%
20-Oct	21,400	19,500	2,710	5,790		13,900	15,400	7,370	6,570		72	185.951	68.7%
21-Oct	13,200	12,500	2,200	4,260		31,200	28,900	5,950	4,830		72	188.851	69.7%
22-Oct	8,550	8,530	2,190	3,700		21,700	20,700	4,430	3,570		72	190.755	70.4%
23-Oct	7,320	7,030	2,400	4,140		16,400	16,300	5,310	2,480		72	191.858	70.8%
24-Oct	6,700	6,900	2,240	3,430		15,000	14,500	2,630	2,150		71	193.299	71.4%
25-Oct	8,100	7,960	1,940	3,160		13,300	13,300	2,330	1,850		71	194.402	71.8%
26-Oct	7,880	8,190	1,480	2,640		14,300	13,800	2,140	1,830		71	195.266	72.1%
27-Oct	8,230	8,350	1,240	2,340		13,500	13,500	2,250	1,780		71	196.361	72.5%
28-Oct	8,290	8,240	1,270	2,290		13,400	13,400	2,180	2,280		71	197.387	72.9%
29-Oct	7,660	7,500	1,350	2,960		13,300	14,400	6,770	3,860		71	198.257	73.2%
30-Oct	7,420	7,550	3,590	6,820		21,700	22,800	25,700	13,300		71	200.591	74.1%
31-Oct	12,100	12,400	5,180	7,700		26,300	25,800	16,400	11,000		71	203.830	75.3%
Obs. October Avg.	5,597	5,635	1,367	2,695		11,545	11,438	3,789	2,695				
Normal		**2,391**	**697**	**1,486**			**5,320**	**1,244**	**940**		**81**		
% of Normal		235.7%	196.1%	181.4%			215.0%	304.6%	286.7%				

TODAY'S RESERVOIR OBSERVATIONS: October 31, 2012

New York City 24-hr, as of 8 am:

	Precip (IN.)	Usable (BG)	Storage (%)	Draft (MG)	Directed Rel (MG)
Neversink	0.00	35.329	101.1%	0	0
Pepacton	0.00	102.78	73.3%	572	0
Cannonsville	0.01	65.73	68.7%	460	0
Rondout	0.00	46.20	93.1%	804	0

NYC Daily Storage (BG)=	**203.830**	75.3%
NYC Daily Storage Median (BG)	**147.470**	54.4%
BG Above Daily Storage Median	56.360	38.22%
BG Above Drought Watch =	93.830	
BG Above Drought Warning =	109.830	
BG Above Drought =	133.830	
BG Below One Year Ago =	53.827	

Lower Delaware Basin:

	Vol. (BG)	[d]%Capacity
Blue Marsh	5.18	120.9
Beltzville	13.84	99.6

TODAY'S DIRECTED RELEASES FROM BASIN RESERVOIRS (CFS): October 31, 2012

Blue Marsh	0	**Beltzville**	0	**[b]F.E. Walter**	0	**Merrill Cr.**	0	**Lake Wallenpaupack**	0

DATA SOURCES:

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.

NOTES:

[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.

1. During cold weather, ice effects on stage and discharge determinations at some stream-gaging stations are likely. Flow values reported on this report may be significantly higher or lower than actual streamflow. Revisions will be made as needed when adjusted data becomes available.
2. The salt front river mile location will be updated as chloride data is received.
3. 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) .
4. Reporting of the minimum dissolved oxygen for the Lehigh River at Glendon and the maximum temperature at the Schuylkill River at Vincent Dam has been discontinued. Reporting will begin again in June 2013.