Delaware River Flow and Storage Data - November 2012 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)	Glendon MIN DO (MG/L)	8:00 AM	MEAN	Philadelphia (CFS)	Pottstown (CFS)	Vincent Dam		BG	%CAP
1-Nov	12,300	11,900	6,960	8,790		27,700	28,600	10,600			71	205.254	75.8%
2-Nov	9,820	9,680	5,180	7,240		27,400	26,500	7,600			70	206.418	76.2%
3-Nov	8,490	7,920	3,480	5,130		22,200	21,300	5,910	4,860		70	207.637	76.7%
4-Nov	6,760	6,630	2,860	4,410		18,000	17,600	4,850	4,060		70	208.686	77.1%
5-Nov	5,900	6,090	2,130	3,370		15,600	14,900	4,260	3,490		69	209.452	77.3%
6-Nov	5,790	5,840	1,990	3,090		13,400	13,200	3,580	2,420		68	209.986	77.5%
7-Nov	5,490	5,460	1,630	2,820		12,800	12,500	2,880	2,050		69	210.378	77.7%
8-Nov	4,990	5,090	1,480	2,560		12,000	11,700	2,620	1,860		69	210.663	77.8%
9-Nov	4,770	4,790	1,380	2,360		11,300	10,800	2,340	1,650		69	210.639	77.8%
10-Nov	4,440	4,360	1,190	2,160		10,600	10,100	2,150	1,560		70	210.441	77.7%
11-Nov	3,600	3,740	1,150	2,030		9,670	9,390	2,010	1,480		70	210.248	77.6%
12-Nov	3,420	3,650	1,120	1,970		8,580	8,400	1,980	1,410		70	209.878	77.5%
13-Nov	3,690	4,040	1,530	2,580		8,270	8,260	2,080	1,860		70	209.738	77.4%
14-Nov	5,960	5,860	1,870	2,970		10,700	10,700	3,290	2,420		70	209.978	77.5%
15-Nov	5,790	5,540	1,930	2,820		11,900	11,900	2,820	1,870		70	209.753	77.4%
16-Nov	5,050	4,770	1,780	2,650		12,000	11,700	2,320	1,570		70	209.547	77.4%
17-Nov	4,660	4,410	1,240	2,220		10,800	10,500	2,020	1,430		70	209.421	77.3%
18-Nov	3,870	3,890	1,210	2,020		9,670	9,430	1,920	1,370		70	209.203	77.2%
19-Nov	3,650	3,750	1,180	1,980		8,790	8,610	1,870	1,320		71	208.984	77.2%
20-Nov	4,180	4,160	1,140	1,940		8,270	8,160	1,830	1,260		71	208.693	77.1%
21-Nov	3,870	3,880	1,020	1,860		8,270	8,280	1,740	1,210		71	208.374	76.9%
22-Nov	3,900	3,620	962	1,740		8,370	8,090	1,670	1,140		71	208.020	76.8%
23-Nov	3,150	3,150	941	1,690		7,760	7,650	1,610	1,090		71	207.609	76.7%
24-Nov	3,060	3,100	880	1,630		6,940	6,910	1,540	1,060		71	207.252	76.5%
25-Nov	3,000	2,990	850	1,560		6,750	6,680	1,530	1,030		71	206.841	76.4%
26-Nov	2,900	2,970	830	1,520		6,430	6,400	1,500	1,010		71	206.343	76.2%
27-Nov	3,450	3,320	834	1,530		6,250	6,340	1,620	1,010		71	205.901	76.0%
28-Nov	3,620	3,300	867	1,590		6,430	6,700	1,730	1,050		71	205.409	75.8%
29-Nov	3,290	3,100	833	1,530		6,710	6,840	1,690	1,040		71	204.838	75.6%
30-Nov	3,120	2,990	820	1,480		6,250	6,400	1,530	919		71	204.129	75.4%
Obs. November Avg.	4,866	4,800	1,709	2,708		11,327	11,151	2,836	1,732				
Normal		**4,336**	**1,282**	**2,301**			**10,440**	**2,363**	**1,745**		**80**		
% of Normal		110.7%	133.3%	117.7%			106.8%	120.0%	99.3%				

TODAY'S RESERVOIR OBSERVATIONS: November 30, 2012

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

	Precip (IN.)	Usable (BG)	Storage (%)	Draft (MG)	Directed Rel (MG)
Neversink	0.00	34.365	98.4%	107	0
Pepacton	0.00	100.513	71.7%	397	0
Cannonsville	0.00	69.251	72.4%	304	0
Rondout	0.00	47.062	94.9%	816	0

NYC Daily Storage (BG)=	**204.129**	75.4%
NYC Daily Storage Median (BG)	**166.093**	61.3%
BG Above Daily Storage Median	38.036	22.90%
BG Above Drought Watch =	94.129	
BG Above Drought Warning =	110.129	
BG Above Drought =	134.129	
BG Below One Year Ago =	49.972	

Lower Delaware Basin: November 30, 2012

	Vol. (BG)	[d]%Capacity
Blue Marsh	4.28	99.9
Beltzville	13.92	100.1

TODAY'S DIRECTED RELEASES FROM BASIN RESERVOIRS (CFS):

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.
5. Data is currently unavailable for the Schuylkill River at Pottstown for November 1-2, 2012.