Delaware River Flow and Storage Data - May 2012 SUMMARY

DAY	Delaware @ Montague (CFS)		Lehigh River @			Delaware @ Trenton (CFS)		Schuylkill River @			[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)	Max Temp Degrees C Vincent Dam	Front River Mile	BG	%CAP
1-May	3,420	3,460	600	1,370		7,480	7,330	1,400	946		72	247.863	91.5%
2-May	3,450	3,500	602	1,420		7,340	7,320	1,510	1,000		72	247.917	91.5%
3-May	3,780	3,940	722	1,700		7,390	7,490	1,660	1,140		71	248.167	91.6%
4-May	4,300	4,970	697	1,790		8,340	8,510	1,840	1,230		71	248.616	91.8%
5-May	7,720	7,320	725	1,630		8,980	9,190	2,170	1,250		71	249.237	92.0%
6-May	5,960	5,790	674	1,600		11,900	11,600	1,900	1,300		71	249.705	92.2%
7-May	4,940	4,880	647	1,470		10,600	10,200	1,720	1,160		71	250.132	92.4%
8-May	4,470	4,570	716	1,600		9,170	8,970	1,540	1,160		71	250.563	92.5%
9-May	10,700	10,800	1,160	3,140		8,900	9,260	1,890	1,880		71	252.484	93.2%
10-May	12,400	12,300	977	3,010		12,200	15,400	2,990	2,230		71	254.139	93.8%
11-May	9,620	9,520	1,420	2,840		17,600	17,200	2,620	1,960		71	255.207	94.2%
12-May	6,790	6,910	1,420	2,890		15,000	14,500	2,230	1,630		71	255.700	94.4%
13-May	5,550	5,510	1,050	2,440		12,400	12,000	1,910	1,510		71	256.182	94.6%
14-May	4,820	5,150	1,080	2,300		10,100	9,970	1,780	1,440		71	256.618	94.7%
15-May	5,660	9,860	2,290	4,180		9,440	10,400	3,660	2,720		70	257.673	95.1%
16-May	42,300	37,600	4,240	7,110		19,100	28,400	12,200	5,350		70	264.128	97.5%
17-May	21,500	20,300	4,390	6,860		51,100	46,900	6,450	4,900		70	267.591	98.8%
18-May	14,000	13,600	2,900	5,600		31,600	30,100	4,690	3,350		69	269.432	99.5%
19-May	8,780	9,060	1,780	4,020		22,600	21,700	3,500	2,550		69	270.539	99.9%
20-May	6,990	7,080	1,640	3,620		16,000	15,900	2,900	2,160		69	271.086	100.1%
21-May	5,930	6,510	1,530	3,450		13,500	13,300	2,550	1,930		68	271.202	100.1%
22-May	6,410	6,620	1,320	3,360		12,300	12,300	2,320	1,750		68	271.499	100.2%
23-May	6,640	6,550	1,350	3,580		12,700	12,800	2,180	1,640		67	271.806	100.4%
24-May	7,110	6,990	1,390	3,900		13,600	14,000	2,710	1,820		67	272.260	100.5%
25-May	6,700	6,480	1,350	3,720		14,400	14,200	3,240	1,770		67	272.095	100.5%
26-May	5,740	5,940	1,640	3,360		13,500	13,100	2,530	1,450		67	271.649	100.3%
27-May	5,070	5,160	2,390	5,480		14,300	16,500	4,180	2,720		67	270.959	100.0%
28-May	4,440	4,510	1,660	4,500		17,300	16,500	5,520	3,150		67	270.400	99.8%
29-May	4,080	4,190	1,430	3,850		13,600	13,000	3,840	2,740		67	269.828	99.6%
30-May	4,690	4,730	1,410	5,110		11,700	12,700	4,470	3,390		67	270.170	99.8%
31-May	4,990	4,930	1,380	4,070		13,200	12,800	4,210	2,780		67	269.830	99.6%
Obs. May Avg	8,031	8,024	1,503	3,386		14,430	14,630	3,171	2,129				
Normal		**6,861**	**1,578**	**2,760**			**13,645**	**2,783**	**2,073**		**64**		
% of Normal		116.9%	95.2%	122.7%			107.2%	114.0%	102.7%				

TODAY'S RESERVOIR OBSERVATIONS:

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

	Precip (IN.)	Usable (BG)	Storage (%)	Draft (MG)	Directed Rel (MG)
Neversink	0.05	35.075	100.4%	100	0
Pepacton	0.01	140.190	100.1%	279	0
Cannonsville	0.01	94.565	98.8%	171	0
Rondout	0.02	48.652	98.1%	818	0

NYC Daily Storage (BG)=	**269.830**	99.6%
NYC Daily Storage Median (BG)=	269.679	99.6%
BG Above Daily Storage Median =	0.151	0.06%
BG Above Drought Watch =	79.830	
BG Above Drought Warning =	95.830	
BG Above Drought =	119.830	
BG Below One Year Ago =	3.066	

Lower Delaware Basin:

	Vol. (BG)	[d]%Capacity
Blue Marsh	5.68	101.3
Beltzville	14.16	101.7

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] Lower Basin reservoir percentages are a percent of allocated storage, not total storage. More than 19.3 billion gallons of flood control is available in Beltzville and Blue Marsh reservoirs.
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 2012.
5. DRBC does not track the salt front below river mile 54.