Delaware River Flow and Storage Data - June 2010 - Summary

DAY	Delaware @ Montague (CFS)		Lehigh River @			Delaware @ Trenton (CFS)		Schuylkill River @		Max Temp	[a] Salt	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)	Degrees C Vincent Dam	Front River Mile	BG	%CAP
1-Jun	2,840	2,370	503	1,180	7.8	5,520	5,340	1,540	1,060	26.8	70	265.922	98.2%
2-Jun	2,680	2,450	512	1,240	6.7	5,230	5,280	1,340	1,010	26.9	70	265.676	98.1%
3-Jun	2,720	2,450	498	1,180	6.3	5,230	5,150	1,250	922	27.7	71	265.353	98.0%
4-Jun	2,720	2,570	500	1,170	8.5	5,070	5,010	1,130	882	28.2	71	265.007	97.8%
5-Jun	2,640	2,190	480	1,130	8.1	4,950	4,920	1,060	920	28.4	71	264.468	97.6%
6-Jun	2,280	1,990	474	1,130	7.9	4,990	4,920	1,100	877	26.6	71	263.935	97.5%
7-Jun	2,490	2,330	472	1,090	8.0	4,450	4,410	1,010	845	24.5	71	263.595	97.3%
8-Jun	2,840	2,670	454	1,010	8.1	4,300	4,240	936	795	24.4	71	262.987	97.1%
9-Jun	2,640	2,440	486	1,190	8.2	4,260	4,580	954	809	22.1	71	262.318	96.9%
10-Jun	2,880	2,700	640	1,730	8.3	5,270	5,650	1,540	1,640	22.5	71	261.975	96.7%
11-Jun	3,760	3,310	518	1,400	8.2	5,820	5,740	2,150	1,550	23.4	71	261.519	96.6%
12-Jun	2,980	2,730	666	1,140	7.9	5,610	5,820	1,560	1,010	25.3	71	260.649	96.2%
13-Jun	2,320	3,510	744	1,800	7.5	5,520	5,550	1,430	1,080	26.5	71	260.419	96.2%
14-Jun	5,930	6,190	540	1,630	7.5	8,090	7,650	2,870	1,140	26.2	71	260.167	96.1%
15-Jun	5,230	4,970	470	1,220	7.5	10,900	10,200	1,640	1,000	26.6	71	259.425	95.8%
16-Jun	4,110	3,720	448	1,060	7.6	9,810	9,220	1,260	889	25.1	71	258.544	95.5%
17-Jun	3,690	3,180	510	1,110	7.6	7,530	7,430	1,150	945	25.9	71	257.752	95.2%
18-Jun	3,040	2,980	485	1,130	7.6	6,530	6,680	1,110	853	26.7	71	257.157	94.9%
19-Jun	3,210	2,870	453	1,030	7.5	5,910	5,940	976	767	28.1	71	256.428	94.7%
20-Jun	2,470	2,370	442	986	7.3	5,690	5,740	816	741	29.8	71	255.711	94.4%
21-Jun	2,390	2,270	438	959	7.2	5,110		765	725	29.5	71	254.914	94.1%
22-Jun	2,760	2,400	445	963	7.2	4,640		715	695	28.6	71	254.121	93.8%
23-Jun	2,860	2,500	443	991	7.1			684	814	29.1	71	253.388	93.6%
24-Jun	2,900	2,490	413	927	7.0	4,680	4,680	830	743	29.6	71	252.626	93.3%
25-Jun	2,860	2,660	407	884	7.0	4,640	4,570	856	804	29.4		251.979	93.0%
26-Jun	2,780	2,520	583	848	6.9	4,560	4,510	717	728	29.7		251.119	92.7%
27-Jun	2,190	2,020	640	1,110	6.8	4,520	4,540	651	729	30.4		250.273	92.4%
28-Jun	2,120	1,980	466	1,120	6.8	4,680	4,430	669	748	29.8		249.413	92.1%
29-Jun	2,660	2,170	401	875	6.8	4,330	4,070	612	773	29.4		248.650	91.8%
30-Jun	2,080	2,030	385	903	6.9	3,830	3,780	565	694	27.9		247.787	91.5%
Obs. June Avg	2,969	2,768	497	1,138	7.5	5,575	5,557	1,130	906	27.2			
Normal		**3,365**	**964**	**1,987**			**8,193**	**1,826**	**1,404**		**67**		
% of Normal		82.2%	51.6%	57.3%			67.8%	61.9%	64.5%				

TODAY'S RESERVOIR OBSERVATIONS- June 30

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

	Precip (IN.)	Usable (BG)	Storage (%)	Draft (MG)	Directed Rel (MG)
Neversink	0.00	33.634	96.3%	0	0
Pepacton	0.00	128.163	91.4%	449	0
Cannonsville	0.00	85.990	89.8%	198	148
Rondout	0.00	48.126	97.0%	699	0

NYC Daily Storage (BG)=	**247.787**	91.5%
NYC Daily Storage Median (BG)=	257.498	95.1%
BG Below Daily Storage Median =	9.711	-3.77%
BG Abv Drought Watch =	57.787	
BG Abv Drought Warning =	73.787	
BG Abv Drought =	97.787	
BG Below One Year Ago =	22.396	

Lower Delaware Basin:

	Vol. (BG)	[d]%Capacity
Blue Marsh	NA	NA
Beltzville	13.01	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. Daily flow data for June 21-23 for the Delaware River at Trenton, NJ are currently unavailable.
5. Salt front locations are currently unavailable for June 25-30.
6. Blue Marsh Reservoir storage information is unavailable for June 30.