Delaware River Flow and Storage Data - June 2009 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	8,580	8,630	1,160	2,230	9.2	16,900	16,500	1,880	1,450	21.2	70	273.409	100.9%
2-Jun	7,660	7,450	958	2,140	9.2	13,900	13,800	1,640	1,290	21.6	70	273.171	100.9%
3-Jun	6,870	6,500	828	1,990	9.0	13,200	12,700	1,650	1,300	21.5	70	272.668	100.7%
4-Jun	6,270	6,230	987	2,890	9.0	12,700	13,200	2,770	1,880	19.9	70	272.387	100.6%
5-Jun	6,070	6,000	1,180	2,740	9.5	13,400	13,300	3,680	2,250	17.7	69	271.746	100.3%
6-Jun	4,640	4,670	855	2,530	9.5	14,000	13,800	5,220	2,200	19.6	69	271.374	100.2%
7-Jun	3,870	3,940	777	2,060	9.0	12,500	12,100	3,160	1,750	22.1	69	270.914	100.0%
8-Jun	3,530	3,660	762	1,890	8.6	10,200		2,320	1,550	23.6	69	270.330	99.8%
9-Jun	4,520	5,750	882	2,260	8.4	9,530	9,660	2,540	1,770		69	269.806	99.6%
10-Jun	7,970	7,960	970	2,330	8.4	11,600	12,600	3,300	1,850		69	269.946	99.7%
11-Jun	6,900	6,440	1,130	2,800	8.6	15,500	15,900	2,680	2,340	21.8	69	269.859	99.6%
12-Jun	7,200	7,420	1,660	3,650	8.7	16,100	15,800	3,790	3,420	21.7	69	269.903	99.7%
13-Jun	6,180	6,500	1,620	3,970	8.8	19,400	22,100	5,090	2,970	21.8	69	269.995	99.7%
14-Jun	6,040	6,560	2,220	7,850	8.8	27,400	26,600	6,750	3,870	22.3	69	270.661	99.9%
15-Jun	7,450	7,590	2,220	6,040	9.2	23,100		5,720	3,930	22.1	69	271.276	100.2%
16-Jun	7,820	7,730	2,700	6,240	9.3	22,100	22,300	5,390	2,940	21.2	69	272.233	100.5%
17-Jun	7,380	7,280	2,350	5,310	9.7	21,700	21,400	4,070	2,720	19.4	69	272.289	100.5%
18-Jun	8,040	10,500	2,350	7,540	9.6	19,400	20,800	4,120	3,730	18.5	68	272.263	100.5%
19-Jun	19,900	20,300	2,410	8,090	9.6	32,700	34,200	8,260	7,070	18.5	68	272.628	100.7%
20-Jun	16,600	16,500	2,370	7,110	9.6	38,800	38,500	8,080	5,710	18.1	68	272.071	100.5%
21-Jun	20,100	22,300	2,610	7,300	9.6	36,400	36,000	10,200	7,260	18.2	68	274.341	101.3%
22-Jun	23,800	23,500	2,330	6,170	9.5	39,700	39,900	8,320	5,710	19.4	67	275.711	101.8%
23-Jun	19,700	19,100	2,190	5,680	9.4	38,000	37,500	6,160	4,370	20.5	66	275.336	101.7%
24-Jun	15,300	15,100	1,630	4,540	9.2	32,100	31,200	4,800	3,450	20.9	66	274.506	101.4%
25-Jun	12,400	12,100	1,470	3,780	9.0	25,900	25,600	3,910	2,850	22.8	65	273.647	101.0%
26-Jun	11,300	11,200	1,300	3,300	8.7	21,900	21,400	3,340	2,480	24.4	62	273.115	100.8%
27-Jun	12,900	12,200	1,750	3,590	8.8	20,000	20,200	3,630	2,510	24.4	62	272.538	100.6%
28-Jun	11,300	11,000	1,380	3,150	8.8	21,400	20,600	2,890	2,040	24.0	61	271.937	100.4%
29-Jun	9,310	9,250	1,220	2,960	8.8	18,800	18,400	2,360	1,860	24.5	60	271.207	100.1%
30-Jun	8,010	8,260	1,170	2,950	8.7	16,400	16,400	2,140	1,760	23.5	60	270.183	99.8%
Obs. June Avg	9,920	10,054	1,581	4,169	9.1	21,158	21,516	4,329	3,009	21.3			
Normal		**3,365**	**964**	**1,987**			**8,193**	**1,826**	**1,404**		**67**		
% of Normal		298.8%	164.0%	209.8%			262.6%	237.1%	214.3%				

TODAY'S RESERVOIR OBSERVATIONS--June 30, 2009

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

	Precip (IN.)	Usable (BG)	Storage (%)	Draft (MG)	Directed Rel (MG)
Neversink	0.55	33.983	97.3%	405	0
Pepacton	0.37	140.301	100.1%	301	0
Cannonsville	0.57	95.899	100.2%	0	0
Rondout	0.61	46.233	93.2%	714	0

NYC Daily Storage (BG)	**270.183**	99.8%
NYC Daily Storage Median (BG	257.498	95.1%
BG Abv Daily Storage Median =	12.685	4.93%
BG Abv Drought Watch =	80.183	
BG Abv Drought Warning =	96.183	
BG Abv Drought =	120.183	
BG Abv One Year Ago =	28.456	

Lower Delaware Basin:

	Vol. (BG)	[d] %Capacity
Blue Marsh	6.54	100.6
Beltzville	13.06	100.5

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. Data is currently unavailable for Vincent Dam Max Temp for June 9 and 10.
5. Daily mean streamflow data is currently unavailable for Delaware @ Trenton for June 8 and June 15.