

Delaware River Flow and Storage Data -- September 30, 1999

DAY	Delaware @ Montague (CFS)		Lehigh River @ Bethl Easton (CFS) MIN DO		Delaware @ Trenton (CFS) 8:00 AM MEAN		Schuylkill River @				* Salt Front River Mile	New York City Delaware River Basin Storage		
	8:00 AM	MEAN			8:00 AM	MEAN	Phila (CFS)	Potts (CFS)	Vincent Dam	Pottstown		BG	%CAP	
1-Sep	1,440	1,720	395	4.9	2,540	2,510	458	285	22.9		85	151.275	55.9%	
2-Sep	1,710	1,800	420	4.7	2,380	2,450	447	275	22.9		85	149.974	55.4%	
3-Sep	1,560	1,760	496	4.7	2,300	2,410	453	277	23.7		85	148.451	54.8%	
4-Sep	1,470	1,850	512	4.2	2,490	2,590	429	278	24.7		85	146.842	54.2%	
5-Sep	1,770	1,800	549	4.4	2,460	2,600	486	337	24.8		86	145.337	53.7%	
6-Sep	1,850	1,840	591	4.4	2,540	2,760	1,260	1,290	26.2		86	144.099	53.2%	
7-Sep	1,520	1,570	696	4.2	3,010	3,000	1,820	1,740	26.3		86	142.952	52.8%	
8-Sep	1,290	1,560	935	4.1	3,010	3,190	2,410	2,000	25.9		86	142.184	52.5%	
9-Sep	1,270	1,500	654	4.0	3,440	3,320	1,820	943	26.2		86	141.077	52.1%	
10-Sep	1,520	1,610	753	3.9	3,040	3,250	2,890	1,120	24.5		86	139.604	51.5%	
11-Sep	1,640	1,820	521	5.9	3,540	3,440	1,470	691	25.0		86	138.052	51.0%	
12-Sep	1,660	1,730	447	6.3	2,710	2,820	949	530	25.1		86	136.627	50.4%	
13-Sep	1,610	1,700	431	6.4	2,770	2,820	780	458	25.0		86	134.973	49.8%	
14-Sep	1,580	1,640	422	6.6	2,630	2,610	658	422	25.1		86	133.981	49.5%	
15-Sep	1,530	1,780	645	6.1	2,490	2,610	708	467	23.7		85	133.028	49.1%	
16-Sep	2,150	4,870	7,470	4.3	3,130	34,300	38,800	18,800	22.0		85	132.872	49.1%	
17-Sep	22,000	23,200	16,800	3.1	75,400	75,100	56,100	23,900	18.0		85	140.939	52.0%	
18-Sep	17,300	15,400	5,450	1.1	51,500	48,100	14,500	18,908	18.1		85	145.724	53.8%	
19-Sep	7,440	7,060	2,940	3.6	30,000	27,500	6,950	8,923	18.6		84	147.594	54.5%	
20-Sep	4,680	4,630	1,958	6.5	17,100	16,200	5,010	3,930	19.0		83	148.881	55.0%	
21-Sep	4,390	4,140	1,790	6.6	12,300	11,900	4,590	3,520	18.7		79	149.776	55.3%	
22-Sep	3,630	3,810	1,950		10,600	10,500	4,640	3,690			75	150.965	55.7%	
23-Sep	4,880	5,180	1,910		9,500	9,480	4,320	3,080			70	152.913	56.5%	
24-Sep	5,470	4,900	1,700		9,250	9,420	3,240	2,190			70	153.899	56.8%	
25-Sep	4,320	3,820	2,190		10,300	9,810	2,590	1,770			70	154.890	57.2%	
26-Sep	2,810	2,800	2,370		9,200	8,990	2,190	1,590			70	155.090	57.3%	
27-Sep	2,440	2,420	1,850		7,830	7,640	2,030	1,450			71	155.655	57.5%	
28-Sep	3,010	2,720	1,610		6,400	6,260	1,830	1,290			71	155.756	57.5%	
29-Sep	3,070	2,620	1,570		5,740	5,960	1,660	1,280			71	155.884	57.6%	
30-Sep	2,830		3,430		6,310		2,050	1,800				155.914	57.6%	
Sept. Avg	3,795	3,905	2,115		10,197	11,157	5,585	3,574			71	155.914	57.6%	
Normal		1,990	1,376			4,272	1,358	660			79	179.031	66.1%	
%Normal		196.2%	153.7%			261.2%	411.2%	541.6%			-8			
NYC 24-hr reservoir observations September 30, 8:00 am						DIRECTED RELEASES (CFS)			NYC Storage Median - September 30 =			179.031	66.1%	
	precip	usable	sto%	draft mg	direct rel	Blue Marsh	0	BG Below Median =		23.117	12.9%			
Neversink	0.64	13.257	37.9%	205	0	Beltzville	0	BG Above Drought Watch =		45.044				
Pepacton	0.92	102.101	72.8%	450	0	F.E. Walter	0	BG Above Drought Warning =		61.044				
Cannonsv.	1.00	40.556	42.4%	0	0	Merrill Ck	0	BG Above Drought =		85.044				
Rondout	0.86	46.076	92.9%	775	0	NYC Res. Excess Bank	0	BG Below One Year Ago =		22.127				
						DAILY USABLE STORAGE								
							VOL. (BG)	%CAP						
						Blue Marsh	6.45	99.2						
						Beltzville	10.69	82.2						
						F.E. Walter	7.66	69.6						

ALL DATA IS PROVISIONAL. Streamflow data provided by U.S. Geological Survey.

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.

* 7-day average of chloride at 250 mg/L

BG=Billion Gallons; CFS=Cubic Feet per Second

NOTE: Chloride levels have declined rapidly due to runoff from Hurricane Floyd

ESTIMATES OF THE SALT FRONT ARE BASED ON PROVISIONAL DATA AND ARE SUBJECT TO CHANGE.