

Delaware River Flow and Storage Data - September 2002 Summary

DAY	Delaware @ Montague (CFS)		Lehigh River @			Delaware @ Trenton (CFS)		Schuylkill River @			* Salt Front River Mile	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	Phila (CFS)	Potts (CFS)	Max Temp Degrees C Vincent Dam		BG	%CAP
1-Sep	1,280	1,390	405	797	7.6	4,010	4,150	747	461	20.3	85	161.749	59.7%
2-Sep	1,630	1,570	356	922	8.2	4,990	4,720	910	529	19.5	85	160.826	59.4%
3-Sep	1,940	1,670	280	690	8.2	3,600	3,570	736	480	24.0	85	159.763	59.0%
4-Sep	1,850	1,640	263	604	7.5	3,380	3,330	554	405	26.4	85	159.115	58.7%
5-Sep	1,770	1,610	228	570	7.2	3,160	3,230	427	365	25.3	85	157.818	58.3%
6-Sep	2,110	1,770	212	527	7.2	2,950	3,060	335	346	22.6	85	156.678	57.8%
7-Sep	2,040	1,710	257	512	7.3	2,860	2,940	323	326	21.4	85	155.405	57.4%
8-Sep	1,660	1,600	288	558	7.6	2,950	3,010	301	316	22.0	85	153.972	56.9%
9-Sep	1,660	1,590		573	7.6	2,920	3,020	341	315	23.3	85	152.800	56.4%
10-Sep	1,870	1,720	324	575	7.6	2,920	2,940	246	330	26.1	85	151.368	55.9%
11-Sep	1,660	1,660	344	622	7.2	2,950	2,890	247	356	26.0	86	150.085	55.4%
12-Sep	1,840	1,700	342	619	7.3	2,800	2,910	238	342	22.9	86	148.874	55.0%
13-Sep	1,820	1,720		625	7.7	2,770	2,870	257	339	21.6	86	147.795	54.6%
14-Sep	1,970	1,790	341	617	7.8	2,890	2,930	246	367	23.3	87	146.706	54.2%
15-Sep	2,180	1,910		719	7.1	3,040	3,130	345	407	23.7	87	145.404	53.7%
16-Sep	2,520	2,180	1,010	1,240	7.4	3,280	3,660	531	525	23.9	87	144.941	53.5%
17-Sep	2,370	2,050	504	1,130	7.5	4,450	4,670	569	812	22.7	87	143.981	53.2%
18-Sep	1,530	1,680	367	754	7.4	5,110	4,870	697	509	21.6	87	143.141	52.9%
19-Sep	1,790	1,800	338	659	7.4	4,190	4,000	486	407	21.5	87	142.330	52.6%
20-Sep	1,790	1,730	327	633		3,310	3,400	303	389	24.7	88	141.378	52.2%
21-Sep	1,460	1,540		756		3,190	3,260	262	414	25.2	88	140.252	51.8%
22-Sep	1,940	1,660	397	980		3,280	3,310	279	467	25.6	88	139.711	51.6%
23-Sep	1,070	1,020	351	657		3,470	3,430	372	460	24.6	88	139.594	51.5%
24-Sep	1,610	1,720	331	650		3,010	3,160	309	749	19.9	88	139.019	51.3%
25-Sep	2,200	1,930	270	614	8.9	2,710	2,610	525	555	18.5	88	138.621	51.2%
26-Sep	1,820	1,660	255	581	8.8	2,220	2,760	545	465	18.4	89	137.791	50.9%
27-Sep	1,760	1,800	539	1,230	9.3	4,080	4,280	2,020	1,680	19.2	89	137.246	50.7%
28-Sep	3,110	3,220	976	1,780	9.5	5,400	5,220	3,330	2,150	21.3	89	137.332	50.7%
29-Sep	3,470	3,500	558	1,280	9.5	5,950	5,870	2,330	1,590	19.9	89	137.486	50.8%
30-Sep	2,610	2,470	438	938	9.5	6,810	6,640	1,490	951	19.2	88	137.052	50.6%
September Avg	1,944	1,834	396	780	7.9	3,622	3,661	677	594	22.5			
Normal		1,989	705	1,047			4,574	956	781		79		
% of Normal		92.2%	56.2%	74.5%			80.0%	70.8%	76.0%				

NYC 24-hr Reservoir Observations: September 30, 8:00 am						DIRECTED RELEASES (CFS)	Summary of NYC Storage Observations for September 30			
	Precip (IN.)	Usable (BG)	Storage (%)	Draft (MG)	Directed Rel (MG)		NYC Daily Storage (BG)=			
Neversink	0.00	19.086	54.6%	107	0	Blue Marsh	0	137.052	50.6%	
Pepacton	0.00	83.359	59.5%	500	0	Beltzville	0	179.031	66.1%	
Cannonsville	0.00	34.607	36.2%	0	0	**F.E. Walter	0	BG Below NYC Daily Storage Median =	41.979	23.45%
Rondout	0.00	46.770	94.3%	607	0	Merrill Cr	0	BG Above Drought Watch =	26.182	
						NYC Res.-	0	BG Above Drought Warning =	42.182	
						Excess Bank	0	BG Above Drought =	66.182	
						Lake Wallenpaupack	0	BG Below One Year Ago =	5.406	

DAILY USABLE STORAGE 9/30/02		
	VOL. (BG)	%CAP
Blue Marsh	5.96	91.7
Beltzville	12.81	98.5
F.E. Walter	6.60	58.4

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

**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.

BG=Billion Gallons; CFS=Cubic Feet per Second

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

NOTE 1: As of 8/20/02, specific conductance data used for the salt front location determination are supplied by the gages on the Delaware River at Chester & Ft. Mifflin.

NOTE 2: Minimum daily dissolved oxygen (DO) data for the Lehigh River at Easton and maximum daily temperature data for the Schuylkill River at Vincent Dam will be posted from June 1-September 30, 2002.

NOTE 3: The daily mean values for 9/9, 9/13,9/15, and 9/21 for the Lehigh River at Lehighton are currently unavailable.

NOTE 4: The minimum dissolved oxygen data for 9/20-24 for the Lehigh River at Easton are currently unavailable.