

Delaware River Flow and Storage Data - August 2005 Summary

DAY	Delaware @ Montague (CFS)		Lehigh River @			Delaware @ Trenton (CFS)		Schuylkill River @			a Salt Front River Mile	New York City Delaware River Basin Storage	
	8:00 AM	MEAN	Lehigh FLOW (CFS)	Bethl FLOW (CFS)	Easton MIN DO (MG/L)	8:00 AM	MEAN	Philadelphia (CFS)	Pottstown (CFS)	Max Temp Degrees C Vincent Dam		BG	%CAP
1-Aug	1,690	1,750	241	615	7.5	3,770	3,530	845	604	29.4	72	213.720	78.9%
2-Aug	1,870	1,820	239	617	7.4	3,280	3,290	756	570	30.7	72	212.466	78.4%
3-Aug	1,920	1,830	212	591	7.5	3,250	3,250	676	561	31.5	73	211.239	78.0%
4-Aug	1,800	1,740	197	554	7.2	3,310	3,260	657	557	31.6	73	209.860	77.5%
5-Aug	1,960	1,720	193	530	6.7	3,280	3,200	588	556	30.9	73	208.615	77.0%
6-Aug	2,350	1,810	201	520	6.1	3,100	3,070	601	606	29.7	73	207.176	76.5%
7-Aug	1,670	1,690	198	530	5.9	3,130	3,070	666	649	28.2	73	205.565	75.9%
8-Aug	1,720	1,760	210	668	6.1	3,380	3,470	892	736	26.9	73	204.003	75.3%
9-Aug	1,820	2,000	311	757	6.1	3,380	3,610	1,470	716	25.9	73	202.505	74.8%
10-Aug	2,020	2,010	227	683	6.0	3,770	3,780	1,070	685	27.6	73	200.882	74.2%
11-Aug	1,890	1,860	207	592	5.9	3,770	3,820	940	587	29.8	74	199.239	73.6%
12-Aug	2,240	2,120	197	549	5.9	3,630	3,610	733	551	30.8	74	197.789	73.0%
13-Aug	2,500	2,220	235	527	5.9	3,380	3,430	711	579	31.9	74	196.540	72.6%
14-Aug	2,010	2,090	255	577	5.8	3,700	3,620	731	554	32.2	75	195.086	72.0%
15-Aug	2,270	2,260	323	696	5.1	4,190	4,150	1,460	556	29.8	75	194.052	71.6%
16-Aug	1,900	1,790	294	691	6.0	4,040	4,150	982	564	27.9	75	192.775	71.2%
17-Aug	1,530	1,560	302	655	6.1	4,190	4,080	1,020	609	27.8	75	191.457	70.7%
18-Aug	1,630	1,640	289	617	7.2	3,570	3,430	872	556	28.1	75	190.008	70.2%
19-Aug	1,600	1,590	258	629	7.2	3,070	3,100	716	577	26.4	75	188.509	69.6%
20-Aug	1,630	1,630	280	591	7.4	3,130	3,170	816	587	26.3	75	187.139	69.1%
21-Aug	1,640	1,640	280	595	7.5	3,100	3,110	855	576	29.0	75	185.675	68.6%
22-Aug	1,610	1,620	273	580	7.5	3,130	3,090	821	520	28.4	75	184.129	68.0%
23-Aug	1,720	1,720	251	554	7.5	3,010	3,000	682	549	27.1	76	182.566	67.4%
24-Aug	1,760	1,750	241	528	7.7	2,950	2,930	678	552	26.4	76	181.009	66.8%
25-Aug	1,760	1,730	236	511	-	3,010	2,990	685	529	26.4	77	179.562	66.3%
26-Aug	1,790	1,780	214	506	-	3,010	3,030	615	527	25.0	78	178.006	65.7%
27-Aug	2,670	2,710	205	502	8.4	3,010	3,020	751	563	24.6	79	176.314	65.1%
28-Aug	3,090	2,600	262	630	8.3	3,070	3,140	866	661	23.9	79	174.710	64.5%
29-Aug	1,990	1,960	292	687	8.4	4,710	4,690	1,090	758	25.6	80	173.212	64.0%
30-Aug	1,850	1,870	242	626	8.2	4,330	4,180	1,120	641	26.1	80	172.018	63.5%
31-Aug	2,060	2,130	245	589	7.9	3,630	3,610	851	500	26.9	80	171.237	63.2%
August Avg	1,934	1,884	245	597	6.9	3,461	3,448	846	591	28.2			
Normal		2,129	455	1,088			5,070	1,154	824		77		
% of Normal		88.5%	54.0%	54.8%			68.0%	73.3%	71.8%				

NYC 24-hr Reservoir Observations: August 31, 8 am						Directed Releases (cfs): August 31		Summary of NYC Storage Observations: August 31			
	Precip (IN.)	Usable (BG)	Storage (%)	Draft (MG)	Directed Rel (MG)	Blue Marsh		NYC Daily Storage (BG)=	171.237	63.2%	
Neversink	0.66	22.595	64.7%	0	70	Beltzville	0	NYC Daily Storage Median (BG)=	204.376	75.5%	
Pepacton	0.57	97.434	69.5%	450	117	b F.E. Walter	0	BG Below NYC Daily Storage Median =	33.139	-16.21%	
Cannonsville	0.29	51.208	53.5%	299	210	Merrill Cr	0	BG Above Drought Watch =	34.280		
Rondout	0.25	46.637	94.0%	728	0	NYC Res.- Excess Bank	0	BG Above Drought Warning =	50.280		
						c Lake Wallenpaupack	0	BG Above Drought =	74.281		
								BG Below One Year Ago =	98.118		
						Daily Usable Storage: August 31					
								VOL. (BG)	d%CAP		
						Blue Marsh		6.21	94.7		
						Beltzville		13.02	100.2		

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.
 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

- NOTES:**
- The salt front river mile location will be updated as chloride data is received.
 - Normal flow values represent the median of monthly means for 1971-2000, except for the Lehigh River at Lehigh. For Lehigh, normal flow values represent the median of monthly means for 1983-2000 (the entire period of record for the station).
 - Reporting of the minimum dissolved oxygen for the Lehigh River at Easton and the maximum temperature at the Schuylkill River at Vincent Dam has resumed as of June 1 and will continue through September 2005.
 - DO for August 25-26th are currently unavailable for the Lehigh River at Easton.