

Delaware River Flow and Storage Data - August 2008 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	Lehighton FLOW (CFS)	Bethl FLOW (CFS)	Easton MIN DO (MG/L)	8:00 AM	MEAN	Philadelphia (CFS)	Pottstown (CFS)	Max Temp Degrees C Vincent Dam	75		BG	%CAP
1-Aug	3,150	3,030	340	776	7.3	5,910	5,830	689	534	29.4	74	240,242	88.7%	
2-Aug	3,190	2,930	573	762	7.2	5,310	5,250	597	544	28.0	74	239,850	88.6%	
3-Aug	2,280	2,290	682	1,150	7.4	5,310	5,570	667	567	27.8	74	239,516	88.4%	
4-Aug	2,260	2,440	468	1,110	7.7	5,650	5,360	649	573	27.7	74	239,164	88.3%	
5-Aug	3,080	2,780	390	792	7.8	4,870	4,690	594	516	28.5	73	238,651	88.1%	
6-Aug	3,020	2,650	367	757	7.5	4,410	4,590	568	501	29.3	74	238,344	88.0%	
7-Aug	2,960	2,660	386	751	7.4	4,750	4,810	537	473	28.6	74	237,816	87.8%	
8-Aug	2,820	2,500	392	765	7.5	4,870	4,710	514	466		74	237,232	87.6%	
9-Aug	2,840	2,520	372	733	7.6	4,790	4,610	534	437		74	236,476	87.3%	
10-Aug	2,000	1,980	363	789	7.6	4,480	4,370	765	535		75	235,818	87.1%	
11-Aug	1,960	1,980	403	1,160	7.9	4,410	4,350	1,130	749		75	235,711	87.0%	
12-Aug	3,190	2,540	456	1,210	8.3	4,150	4,320	941	829		75	235,379	86.9%	
13-Aug	3,340	2,630	423	949	8.4	4,560	4,560	894	693	25.5	75	234,724	86.7%	
14-Aug	2,620	2,360	412	1,020	8.1	4,870	4,900	741	561	27.2	75	234,079	86.4%	
15-Aug	2,230	2,120	403	942	8.0	4,950	4,940	618	938	25.6	75	233,298	86.1%	
16-Aug	2,370	2,240	584	871	7.8	4,790	4,730	926	800	25.9	75	232,455	85.8%	
17-Aug	2,280	2,220	602	1,080	7.9	4,870	4,650	782	624		75	231,871	85.6%	
18-Aug	2,010	2,050	436	1,020	7.9	4,950	4,690	659	544		75	231,129	85.3%	
19-Aug	2,100	2,060	382	760	7.8	4,560	4,340	559	483		75	230,219	85.0%	
20-Aug	2,010	2,020	368	725	7.7	3,830	3,810	501	444		76	229,370	84.7%	
21-Aug	2,140	2,130	335	705	7.8	3,700	3,680	457	411		76	228,426	84.3%	
22-Aug	2,030	2,030	321	663	7.8	3,570	3,590	380	398		77	226,919	83.8%	
23-Aug	2,000	2,020	303	625	7.8	3,630	3,600	432	401	28.0	77	225,611	83.3%	
24-Aug	2,010	2,080	298	596	7.7	3,470	3,460	432	407	28.6	78	224,537	82.9%	
25-Aug	2,030	2,020	299	597	7.5	3,380	3,380	447	404	27.5	79	223,497	82.5%	
26-Aug	2,010	2,030	298	590	7.6	3,350	3,400	403	399	26.8	79	222,264	82.1%	
27-Aug	1,980	1,970	286	562	7.8	3,310	3,340	381	389	26.0	80	221,016	81.6%	
28-Aug	1,790	1,800	288	553	7.8	3,250	3,270	368	385	24.0	80	219,714	81.1%	
29-Aug	1,700	1,720	293	742	7.9	3,250	3,230	343	384	23.5	80	218,417	80.6%	
30-Aug	1,740	1,760	487	802	8.1	3,310	3,340	429	524	25.7	80	217,338	80.2%	
31-Aug	1,790	1,800	557	1,090	8.0	3,310	3,330	548	459	26.6	80	216,193	79.8%	
August Avg	2,353	2,237	405	827	7.8	4,317	4,281	596	528	27.0				
Normal		2,129	455	1,088			5,070	1,154	824		77			
% of Normal		105.1%	89.1%	76.0%			84.4%	51.7%	64.1%					

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)						
Neversink	0.00	26.431	75.6%	0	65	Blue Marsh	0	NYC Daily Storage (BG)=	216.193	79.8%	
Pepacton	0.00	119.597	85.3%	448	91	Beltzville	200	NYC Daily Storage Median (BG)=	204.376	75.5%	
Cannonsville	0.01	70.165	73.3%	200	533	b F.E. Walter	0	BG Above NYC Daily Storage Median =	11.817	5.78%	
Rondout	0.00	46.458	93.6%	711	0	Merrill Cr	0	BG Above Drought Watch =	79.237		
						NYC Res.-Excess Bank	0	BG Above Drought Warning =	95.237		
						c Lake Wallenpaupack	0	BG Above Drought =	119.237		
								BG Above One Year Ago =	23.997		
						Daily Usable Storage: August 31					
							VOL. (BG)	d %CAP			
						Blue Marsh	6.50	99.9			
						Beltzville	12.63	97.2			

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 Lehighton. For Lehighton, 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 2008.
 - Temperature data was not available at Schuylkill River at Vincent Dam on August 8-12, 2008 and on August 17-22, 2008.