

Delaware River Flow and Storage Data - August 2003 Summary

DAY	Delaware @ Montague (CFS)		Lehigh River @			Delaware @ Trenton (CFS)		Schuylkill River @			Max Temp Degrees C Vincent Dam	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	Phila (CFS)	Potts (CFS)	Front River Mile			BG	%CAP
1-Aug	2,710	2,520	623	1,380	8.3	6,490	6,560	1,950	1,480	23.7	68	258.877	95.6%	
2-Aug	3,090	2,960	692	1,450	8.4	6,949	6,890	2,290	1,550	25.1	68	259.507	95.8%	
3-Aug	4,060	3,620	805	1,450	8.6	6,670	6,770	1,960	1,530	25.2	68	260.115	96.0%	
4-Aug	3,430	3,630	1,940	2,090	8.5	7,050	8,510	3,760	1,560	26.1	68	261.074	96.4%	
5-Aug	5,660	5,590	2,590	4,810	8.6	12,900	16,800	4,430	2,930	25.2	68	262.894	97.1%	
6-Aug	6,180	7,060	3,930	7,030	8.7	26,800	27,800	9,660	4,210	22.8	68	264.652	97.7%	
7-Aug	7,560	7,230	4,340	7,030	8.7	24,000	24,500	5,840	3,850	22.5	68	265.866	98.2%	
8-Aug	5,820	5,650	3,050	4,740	8.8	21,800	21,000	4,500	2,840	23.9	68	266.530	98.4%	
9-Aug	5,030	5,510	2,390	3,600	8.2	17,200	16,800	4,120	2,430	23.5	67	266.689	98.5%	
10-Aug	6,040	6,030	2,340	3,720	8.7	19,000	19,800	7,480	3,200	23.9	66	267.453	98.8%	
11-Aug	6,600	6,250	2,780	3,870	8.9	19,200	19,200	5,480	2,340	24.1	65	268.340	99.1%	
12-Aug	15,700	12,200	3,720	5,280	8.3	24,200	23,100	4,310	3,140	24.2	64	270.145	99.7%	
13-Aug	11,300	11,000	3,520	5,260	8.2	29,099	27,400	4,270	2,720	24.7	63	271.739	100.3%	
14-Aug	9,880	9,490	2,440	4,130	8.1	25,200	24,000	3,550	2,740	25.3	62	271.896	100.4%	
15-Aug	8,810	8,470	1,680	2,880	7.7	20,200	19,300	3,540	2,430	25.4	60	271.396	100.2%	
16-Aug	7,440	6,980	1,610	2,660	8.0	16,900	16,600	2,800	2,130	25.0	59	270.641	99.9%	
17-Aug	5,610	5,250	1,410	3,250	8.1	15,500	15,500	2,770	2,070	24.1	58	270.424	99.8%	
18-Aug	4,660	4,630	1,590	3,300	8.1	14,900	14,300	2,640	1,850	24.1	58	270.352	99.8%	
19-Aug	4,320	4,270	1,310	2,520	8.1	12,600	12,200	2,170	1,690	24.6	60	270.133	99.7%	
20-Aug	4,110	3,890	1,160	2,090	8.1	11,200	10,800	1,930	1,510	25.0	61	269.784	99.6%	
21-Aug	3,449	3,540	1,030	1,950	7.9	9,810	9,670	1,720	1,370	26.3	62	269.514	99.5%	
22-Aug	3,540	3,270	945	1,830	7.5	8,770	8,750	1,510	1,310	26.9	63	269.094	99.4%	
23-Aug	3,030	2,940	862	1,710	7.3	8,190	8,150	1,470	1,370	25.9	65	268.586	99.2%	
24-Aug	2,180	2,200	816	1,590	7.6	7,480	7,490	1,470	1,190	24.7	66	268.109	99.0%	
25-Aug	1,920	2,010	786	1,540	7.7	6,720	6,550	1,320	1,110	24.8	68	267.871	98.9%	
26-Aug	2,930	2,650	705	1,450	7.6	6,040	5,950	1,180	1,050	25.1	68	267.307	98.7%	
27-Aug	2,370	2,460	675	1,400	7.4	5,520	5,900	1,160	1,090	24.7	69	266.416	98.4%	
28-Aug	2,460	2,420	611	1,340	7.1	6,000	6,020	1,270	1,080	25.7	69	265.547	98.0%	
29-Aug	1,870	1,910	589	1,260	6.9	5,780	5,730	1,090	997	24.8	69	264.420	97.6%	
30-Aug	2,590	2,360	694	1,410	6.7	5,650	5,620	1,460	1,010	25.3	70	263.666	97.4%	
31-Aug	2,130	2,100	640	1,400	6.7	5,270	5,480	1,490	1,210	23.9	70	262.898	97.1%	
August Avg	5,048	4,842	1,686	2,885	8.0	13,325	13,327	3,051	1,967	24.7				
Normal		2,129	455	1,088			5,070	1,154	824		77			
% of Normal		227.4%	370.6%	265.1%			262.9%	264.4%	238.8%					

NYC 24-hr Reservoir Observations: August 31, 8 am						DIRECTED RELEASES (CFS)		Summary of NYC Storage Observations for August 31			
	Precip (IN.)	Usable (BG)	Storage (%)	Draft (MG)	Directed Rel (MG)			NYC Daily Storage (BG)=		262.898	97.1%
						Blue Marsh	0	NYC Daily Storage Median (BG)=		204.376	75.5%
Neversink	0.00	32.477	92.9%	207	34	Beltzville	0	BG Above NYC Daily Storage Median -		58.522	28.63%
Pepacton	0.00	137.985	98.4%	307	61	F.E. Walter	0	BG Above Drought Watch =		125.941	
Cannonsville	0.00	92.436	96.6%	294	295	Merrill Cr	0	BG Above Drought Warning =		141.941	
Rondout	0.00	48.133	97.0%	853	0	NYC Res.- Excess Bank	0	BG Above Drought =		165.942	
						Lake Wallenpaupack	0	BG Above One Year Ago =		99.808	

DAILY USABLE STORAGE 8/31/03		
	VOL. (BG)	d%CAP
Blue Marsh	6.57	101.1
Beltzville	13.15	101.2

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; MG= Million Gallons; CFS=Cubic Feet per Second

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

NOTES:

1. The salt front river mile location will be updated as chloride data is received.

2. Both the minimum daily dissolved oxygen (DO) at the Delaware River at Easton and the maximum daily temperature for the Schuylkill River at Vincent Dam will be reported from 6/21 through 9/22.