

Delaware River Flow and Storage Data - August 2007 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	Philadelphia (CFS)	Pottstown (CFS)	BG			%CAP	
	1-Aug	3,320	2,830	403	965	7.5	6,860	6,650	941	675			29.8	76
2-Aug	2,560	2,240	393	866	7.5	5,950	5,900	714	506	31.0	76	216,010	79.8%	
3-Aug	2,210	2,050	318	790	7.5	5,190	4,970	515	445	31.3	76	215,079	79.4%	
4-Aug	2,580	2,380	556	700	7.4	4,640	4,360	425	405	31.6	76	214,020	79.0%	
5-Aug	2,080	2,080	411	1,120	7.4	4,260	4,330	427	378	30.4	76	212,787	78.6%	
6-Aug	2,000	1,960	370	808	7.6	5,110	4,800	492	391	29.4	77	211,726	78.2%	
7-Aug	2,240	1,990	300	677	7.5	4,110	4,130	450	400	30.4	77	210,688	77.8%	
8-Aug	2,620	2,270	767	1,780	7.2	3,830	5,070	497	499	31.3	77	209,841	77.5%	
9-Aug	3,340	2,880	565	1,790	7.2	9,640	10,000	620	485	30.6	78	208,935	77.1%	
10-Aug	3,420	3,420	469	1,180	7.0	8,340	8,320	813	659	29.9	78	208,377	76.9%	
11-Aug	4,640	4,410	457	1,070	7.5	7,680	8,170	821	519	28.2	78	208,352	76.9%	
12-Aug	3,620	3,480	422	951	7.8	9,530	9,360	640	497	29.2	78	207,817	76.7%	
13-Aug	2,780	2,700	406	858	7.6	8,240	8,010	567	441	29.2	78	207,087	76.5%	
14-Aug	3,080	2,800	394	815	7.5	6,810	6,610	462	406	28.6	77	206,324	76.2%	
15-Aug	3,020	2,500	391	796	7.6	5,690	5,830	423	382	28.3	77	205,257	75.8%	
16-Aug	2,820	2,490	387	789	7.6	5,480	5,410	391	380	28.1	77	204,371	75.5%	
17-Aug	2,780	2,530	432	837	7.5	5,110	5,060	406	373	28.5	77	203,800	75.2%	
18-Aug	2,210	2,020	663	1,040	7.5	5,400	5,580	459	360	27.0	77	202,878	74.9%	
19-Aug	2,080	2,040	601	1,240	7.8	5,310	5,110	505	357	24.8	77	202,062	74.6%	
20-Aug	1,830	1,830	454	1,310	8.1	5,150	4,890	1,040	503	22.2	78	201,220	74.3%	
21-Aug	1,830	2,140	640	1,990	8.4	5,360	5,500	1,920	1,190	20.3	78	200,482	74.0%	
22-Aug	3,000	2,940	746	2,410	9.0	7,980	7,940	3,990	1,880	18.6	78	199,866	73.8%	
23-Aug	2,940	2,660	565	1,760	9.1	8,450	8,490	2,510	1,320	21.8	78	199,197	73.5%	
24-Aug	2,660	2,500	496	1,410	8.8	7,430	7,290	1,510	782	23.6	77	198,436	73.3%	
25-Aug	2,740	2,370	528	1,230	8.4	6,400	6,360	1,010	599	27.7	77	197,695	73.0%	
26-Aug	2,540	2,210	907	3,200	7.9	5,860	6,540	835	1,180	27.1	77	196,937	72.7%	
27-Aug	2,760	2,240	606	2,470	7.9	9,470	9,040	1,740	1,530	25.6	76	196,050	72.4%	
28-Aug	2,430	2,130	521	1,830	8.1	7,240	7,020	1,490	934	26.4	76	195,200	72.1%	
29-Aug	2,140	1,890	481	1,570	8.2	6,220	5,970	1,030	681	27.3	76	194,291	71.7%	
30-Aug	1,940	1,860	460	1,330	8.1	5,650	5,360	766	582	27.7	75	193,330	71.4%	
31-Aug	1,730	1,780	446	1,250	8.0	4,950	4,780	656	549	26.5	75	192,196	71.0%	
August Avg	2,643	2,439	502	1,317	7.8	6,366	6,350	938	654	27.5				
Normal		2,129	455	1,088			5,070	1,154	824		77			
% of Normal		114.6%	110.3%	121.1%			125.2%	81.2%	79.4%					

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	Beltzville	F.E. Walter	Merrill Cr	NYC Res.-Excess Bank	^c Lake Wallenpaupack	NYC Daily Storage (BG)=	192.196	71.0%
Neversink	0.00	26.744	76.5%	0	73	0	0	0	0	0	0	NYC Daily Storage Median (BG)=	204.376	75.5%
Pepacton	0.00	107.028	76.3%	402	99	0	0	0	0	0	0	BG Below NYC Daily Storage Median =	12.180	-5.96%
Cannonsville	0.00	58.424	61.0%	298	404	0	0	0	0	0	0	BG Above Drought Watch =	55.239	
Rondout	0.01	47.162	95.1%	724	0	0	0	0	0	0	0	BG Above Drought Warning =	71.239	
						0	0	0	0	0	0	BG Above Drought =	95.240	
						0	0	0	0	0	0	BG Below One Year Ago =	54.540	
Daily Usable Storage: August 31														
							VOL. (BG)					^d%CAP		
							6.62					101.8		
							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; 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:

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

2. 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).

3. 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 2007.