

Delaware River Flow and Storage Data - August 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	Lehigh 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-Aug	1,870	1,710	394	727	6.6	3,100	3,130	278	315	28.4	74	207.193	76.5%
2-Aug	2,110	1,780	390	749	6.5	2,920	3,010	225	300	29.1	74	205.934	76.0%
3-Aug	1,940	1,740		797	6.1	3,070	3,350	249	302	29.1	75	204.848	75.6%
4-Aug	1,760	1,730	670	971		3,250	3,260	298	473	28.6	75	203.916	75.3%
5-Aug	1,770	1,720	671	973		3,310	3,360	472	325	28.6	75	202.501	74.8%
6-Aug	2,270	1,870	438	915	6.5	3,310	3,360	317	342	27.4	75	200.898	74.2%
7-Aug	2,270	1,780	386	724	7.0	3,380	3,300	268	331	23.9	76	199.636	73.7%
8-Aug	2,020	1,720	378	686	7.1	3,280	3,200	313	313	22.1	76	198.264	73.2%
9-Aug	1,940	1,670	372	682	7.3	3,160	3,130	227	300	23.2	77	196.600	72.6%
10-Aug	1,870	1,680	576	705	6.8	3,010	3,040	232	295	25.1	78	194.848	71.9%
11-Aug	1,690	1,650	646	917	6.1	2,980	3,000	222	290	26.5	78	193.238	71.3%
12-Aug	1,740	1,650		921	7.1	3,190	3,220	283	291	27.7	79	191.716	70.8%
13-Aug	1,760	1,680	370	805	7.2	3,190	3,210	198	286	28.9	80	190.111	70.2%
14-Aug	1,660	1,740	444	675	7.3	3,190	3,130	184	274	29.6	81	188.075	69.4%
15-Aug	1,710	1,730	458	742	6.8	2,950	2,960	147	284	29.7	81	186.431	68.8%
16-Aug	1,710	1,810	424	740	6.9	3,100	3,080	108	318	29.7	82	184.546	68.1%
17-Aug	1,870	1,900	573	728	6.8	3,130	3,100	109	324	28.8	83	182.762	67.5%
18-Aug	1,840	1,820	624	895	6.7	3,070	3,170	185	340	29.3	83	181.421	67.0%
19-Aug	1,690	1,730	611	896	6.7	3,540	3,510	302	318	29.1	83	179.778	66.4%
20-Aug	1,760	1,770	263	821	6.7	3,500	3,540	225	411	28.6	84	177.989	65.7%
21-Aug	1,690	1,770	216	537	6.4	3,500	3,450	307	326	26.0	84	176.382	65.1%
22-Aug	1,670	1,820	212	515	6.6	3,070	3,060	277	291	26.4	84	174.614	64.5%
23-Aug	1,660	1,720	222	493	6.4	3,100	3,070	180	332	26.4	85	172.750	63.8%
24-Aug	1,560	1,710		578	6.2	2,980	3,100	402	408	25.3	85	171.331	63.3%
25-Aug	1,640	1,750	275	659	6.9	3,410	3,500	746	776	24.6	85	169.896	62.7%
26-Aug	1,820	1,840	232	589	7.1	3,410	3,430	749	399	24.4	85	168.825	62.3%
27-Aug	1,710	1,630	221	530	7.9	3,280	3,290	394	345	23.0	85	167.506	61.8%
28-Aug	1,660	1,540	214	510	7.8	3,220	3,190	309	322	23.0	85	166.199	61.4%
29-Aug	2,170	1,890	231	747	7.7	3,870	3,480	1,120	657	20.4	85	164.837	60.9%
30-Aug	2,090	2,120	246	623	8.1	3,830	3,650	932	498	18.5	85	164.299	60.7%
31-Aug	2,380	1,940	291	572	8.1	3,830	3,800	614	428	20.3	85	163.090	60.2%
August Avg	1,848	1,762	395	723	6.9	3,262	3,261	351	362	26.2			
Normal		2,129	519	1,012			4,650	1,101	822		77		
% of Normal		82.7%	76.0%	71.5%			70.1%	31.9%	44.0%				

NYC 24-hr Reservoir Observations: August 31, 8:00 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)=		
Neversink	0.00	21.660	62.0%	0	34	Blue Marsh	0	NYC Daily Storage Median (BG)=	204.376	75.5%
Pepacton	0.00	96.719	69.0%	450	61	Beltzville	0	BG Below NYC Daily Storage Median =	41.286	20.20%
Cannonsville	0.00	44.711	46.7%	197	542	F.E. Walter	0	BG Above Drought Watch =	26.134	
Rondout	0.00	47.803	96.3%	730	0	Merrill Cr	0	BG Above Drought Warning =	42.134	
						NYC Res.-		BG Above Drought =	66.134	
						Excess Bank	0	BG Below One Year Ago =	16.692	
						Lake				
						Wallenpaupack	0			

DAILY USABLE STORAGE 8/31/02		
	VOL. (BG)	%CAP
Blue Marsh	6.31	97.0
Beltzville	12.87	99.0
F.E. Walter	6.58	58.2

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

* 7-day average of chloride at 250 mg/L

BG=Billions 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 at the Delaware River at Chester and the Delaware River at 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 flow values for the Lehigh River at Lehigh for 8/3, 8/12, and 8/24 are currently unavailable.

NOTE 4: Be advised that the streamflow at the Schuylkill River at Philadelphia is affected by the City of Philadelphia's water withdrawals, thus accounting for the low 8 am flow value

NOTE 5: The minimum dissolved oxygen (DO) values for the Lehigh River at Easton for 8/4 & 8/5 are currently unavailable.