

Delaware River Flow and Storage Data - July 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	Lehighton 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-Jul	2,460	2,450	990	1,610	7.2	7,050	6,770	1,310	981	27.9	62	241.180	89.0%
2-Jul	3,470	3,170	802	1,440	7.5	5,910	5,790	1,070	873	29.5	62	240.516	88.8%
3-Jul	3,560	3,180	687	1,270	7.1	5,400	5,740	938	725	31.1	62	239.611	88.5%
4-Jul	2,830	2,710	666	1,180	6.7	5,690	5,840	705	674	32.1	63	238.522	88.1%
5-Jul	2,930	2,490	642	1,140	6.5	5,520	5,400	696	638	30.5	64	237.750	87.8%
6-Jul	2,790	2,390	482	1,040	6.7	4,990	4,820	615	576	28.0	64	236.635	87.4%
7-Jul	2,500	2,110	468	933	7.3	4,560	4,530	597	537	27.2	65	235.773	87.1%
8-Jul	2,440	1,970	462	921	7.9	4,300	4,170	614	530	28.9	66	234.739	86.7%
9-Jul	2,400	2,090	405	891	7.8	4,010	3,860	545	522	30.4	67	233.722	86.3%
10-Jul	2,590	2,210	378	845	7.3	3,940	3,710	788	534	29.5	67	232.571	85.9%
11-Jul	2,750	2,250	371	809	6.7	3,770	3,700	556	542	27.3	67	231.446	85.5%
12-Jul	2,370	1,940	359	786	7.0	3,770	3,730	540	489	25.6	68	230.575	85.1%
13-Jul	2,310	1,810	426	763	7.3	3,800	3,610	478	461	25.1	68	229.296	84.7%
14-Jul	1,409	1,470	459	852	7.5	3,500	3,350	516	459	26.0	68	228.187	84.3%
15-Jul	1,640	1,530	459	861	7.5	3,360	3,290	534	461	29.0	68	227.331	83.9%
16-Jul	2,330	1,950	412	834	7.1	2,890	2,930	468	455	28.5	69	226.275	83.5%
17-Jul	1,850	1,810	401	787	7.7	2,920	2,940	425	432	28.6	69	224.866	83.0%
18-Jul	1,760	1,940	399	772	7.1	3,250	3,160	404	416	28.9	69	223.901	82.7%
19-Jul	2,180	1,820	425	819	7.2	2,980	3,030	385	415	28.9	69	222.573	82.2%
20-Jul	1,970	1,930	671	941	6.7	3,470	3,620	487	454	28.1	70	221.458	81.8%
21-Jul	2,260	1,940	720	1,080	6.7	3,670	3,590	421	438	26.7	70	220.277	81.3%
22-Jul	1,870	1,910	694	1,060	6.7	3,870	3,750	479	410	28.1	70	219.132	80.9%
23-Jul	2,090	1,930	1,000	963	6.9	3,730	3,660	416	387	29.0	71	217.751	80.4%
24-Jul	2,200	1,970	581	946	6.5	3,870	3,730	439	466	28.5	71	216.592	80.0%
25-Jul	2,170	2,140	461	873	5.8	4,040	4,010	479	505	24.6	71	215.595	79.6%
26-Jul	2,420	1,950	433	801	6.9	3,970	3,810	419	426	23.7	71	214.345	79.1%
27-Jul	1,500	1,680	650	838	7.5	3,830	3,670	419	405	22.7	72	213.195	78.7%
28-Jul	1,690	1,740	718	1,040	7.9	3,600	3,450	401	419	27.0	72	211.900	78.2%
29-Jul	1,710	1,780	690	1,060	7.5	3,220	3,380	439	421	29.9	72	210.926	77.9%
30-Jul	2,040	1,920	420	900	7.4	3,380	3,420	364	382	29.9	73	209.899	77.5%
31-Jul	1,760	1,760	404	746	6.8	3,310	3,240	299	366	29.1	73	208.744	77.1%
July Avg	2,266	2,063	538	963	7.1	4,051	3,990	556	510	28.1			
Normal		2,505	756	1,292			5,454	1,271	970		72		
% of Normal		82.3%	71.1%	74.5%			73.2%	43.8%	52.5%				

NYC 24-hr Reservoir Observations: July 31, 8:00 am						DIREC TED RELEASES (CFS)		Summary of NYC Storage Observations for July 31		
	Precip (IN.)	Usable (BG)	Storage (%)	Draft (MG)	Directed Rel (MG)	Blue Marsh	0	NYC Daily Storage (BG)=	208,744	77.1%
Neversink	0.00	26.545	76.0%	96	58	Beltzville	0	NYC Daily Storage Median (BG)=	232,432	85.8%
Pepacton	0.00	110.974	79.2%	451	71	F.E. Walter	0	BG Below NYC Daily Storage Median =	23.688	10.19%
Cannonsville	0.00	71.225	74.4%	297	394	Merrill Cr	0	BG Above Drought Watch =	44.831	
Rondout	0.00	48.280	97.3%	861	0	NYC Res.-	0	BG Above Drought Warning =	60.831	
						Excess Bank	0	BG Above Drought =	84.831	
						Lake	0	BG Below One Year Ago =	13.956	
						Wallenpaupack	0			

DAILY USABLE STORAGE 7/31/02		
	VOL. (BG)	%CAP
Blue Marsh	6.56	100.9
Beltzville	13.11	100.8
F.E. Walter	9.90	87.6

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=Billion Gallons; CFS=Cubic Feet per Second

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

NOTE 1: Specific conductance data used for the salt front location determination are currently supplied by the gages at the Delaware River at Reedy and Chester.

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 value for the Lehigh River at Lehighton is unavailable for July 23.