

Delaware River Flow and Storage Data - July 2003 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	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	63		BG	%CAP
1-Jul	5,530	5,610	1,410	2,600	1.7	15,000	14,800	3,260	2,420	22.7	63	270.483	99.9%	
2-Jul	5,110	5,140	1,340	2,380	8.3	13,600	13,300	2,700	2,250	22.9	64	269.779	99.6%	
3-Jul	4,710	4,520	1,260	2,280	7.7	12,600	12,300	2,540	2,120	22.5	64	269.106	99.4%	
4-Jul	4,220	3,950	1,220	2,150	6.9	11,800	11,400	2,320	1,940	24.4	64	268.500	99.1%	
5-Jul	3,740	3,730	1,160	2,060	6.1	10,900	10,400	2,140	1,830	25.6	64	268.164	99.0%	
6-Jul	3,760	3,660	891	1,850	6.6	9,470	9,410	2,180	1,790	26.0	64	267.853	98.9%	
7-Jul	3,630	3,510	886	1,780	6.5	8,770	8,770	2,060	1,670	26.1	64	267.124	98.6%	
8-Jul	3,240	3,230	943	1,890	6.5	8,820	8,780	2,110	1,820	25.8	64	266.712	98.5%	
9-Jul	3,410	3,100	853	1,790	6.1	8,340	8,260	2,050	1,690	25.0	65	265.836	98.2%	
10-Jul	3,390	2,950	833	1,710	6.7	7,930	8,010	1,790	1,620	24.1	65	265.373	98.0%	
11-Jul	3,500	2,830	904	1,660	6.8	7,480	7,580	1,810	1,640	23.2	65	264.946	97.8%	
12-Jul	4,130	4,150	1,070	1,720	6.9	7,240	7,380	1,790	1,570	24.2	66	265.481	98.0%	
13-Jul	3,500	3,230	1,000	1,690	5.7	7,100	7,610	1,720	1,440	24.9	66	265.719	98.1%	
14-Jul	2,590	2,480	733	1,510	5.6	8,450	8,080	1,490	1,340	24.1	67	265.679	98.1%	
15-Jul	3,010	2,820	598	1,380	6.0	6,760	6,650	1,320	1,200	25.3	67	265.216	97.9%	
16-Jul	2,930	2,520	579	1,300	6.1	6,040	6,320	1,180	1,150	26.1	68	264.670	97.7%	
17-Jul	2,650	2,420	556	1,220	6.4	5,910	6,030	1,100	1,120	26.1	68	264.113	97.5%	
18-Jul	3,150	2,640	573	1,200	6.5	5,570	5,530	1,040	1,070	24.8	68	263.382	97.2%	
19-Jul	3,110	2,500	662	1,410	7.7	5,570	5,840	1,160	1,340	25.0	68	262.796	97.0%	
20-Jul	1,900	1,990	559	1,230	7.6	6,040	6,030	1,360	1,320	24.9	68	262.043	96.8%	
21-Jul	2,010	2,010	614	1,570	7.6	5,440	5,340	1,230	1,180	26.2	68	261.220	96.4%	
22-Jul	2,930	2,820	1,240	6,110	7.1	6,910	11,500	5,000	5,900	25.1	68	261.713	96.6%	
23-Jul	5,030	4,710	1,290	3,760	7.4	23,800	18,600	11,700	7,610	22.8	67	262.546	96.9%	
24-Jul	6,010	5,270	1,920	3,720	7.0	13,800	15,000	7,280	6,650	22.3	67	262.421	96.9%	
25-Jul	4,630	4,250	1,510	2,860	7.4	14,100	13,300	7,270	5,420	22.1	67	262.396	96.9%	
26-Jul	3,690	3,430	1,050	2,220	7.1	11,500	11,000	4,490	3,400	23.5	67	262.229	96.8%	
27-Jul	3,260	2,920	968	1,980	6.7	9,090	8,960	3,230	2,770	24.6	67	261.846	96.7%	
28-Jul	3,500	3,300	662	1,910	6.7	7,630	7,900	2,730	2,480	24.6	66	261.441	96.5%	
29-Jul	3,740	3,400	761	1,620	6.8	7,140	7,360	2,420	2,030	24.6	66	260.918	96.3%	
30-Jul	3,170	3,130	721	1,550	7.9	7,050	7,220	1,870	1,700	24.7	67	260.215	96.1%	
31-Jul	2,870	3,000	640	1,450	8.3	6,910	6,840	1,590	1,550	24.3	67	259.597	95.8%	
July Avg	3,615	3,394	949	2,050	6.7	9,250	9,210	2,772	2,356	24.5				
Normal		2,576	728	1,433			6,154	1,388	1,059		72			
% of Normal		131.8%	130.3%	143.1%			149.7%	199.7%	222.5%					

NYC 24-hr Reservoir Observations: July 31, 8 am						DIRECTED RELEASES (CFS)		Summary of NYC Storage Observations for July 31		
	Precip (IN.)	Usable (BG)	Storage (%)	Draft (MG)	Directed Rel (MG)			NYC Daily Storage (BG)=	259.597	95.8%
Neversink	0.00	33.456	95.7%	0	0	Blue Marsh	0	NYC Daily Storage Median (BG)=	232.432	85.8%
Pepacton	0.00	134.877	96.2%	450	0	Beltzville	0	BG Above NYC Daily Storage Median =	27.165	11.69%
Cannonsville	0.00	91.264	95.4%	296	0	^b F.E. Walter	0	BG Above Drought Watch =	95.684	
Rondout	0.00	48.841	98.4%	859	0	Merrill Cr	0	BG Above Drought Warning =	111.684	
						NYC Res.- Excess Bank	0	BG Above Drought =	135.684	
						^c Lake Wallenpaupack	0	BG Above One Year Ago =	50.853	
DAILY USABLE STORAGE 7/31/03										
								VOL. (BG)		^d%CAP
						Blue Marsh		6.44		99.1
						Beltzville		13.11		100.8

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.