

Delaware River Flow and Storage Data - March 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		BG	%CAP
1-Mar		5,400	1,160	1,990		12,700	12,400	2,620	1,770		72	237.829	87.8%
2-Mar		4,800	1,220	2,320		12,100	13,700	4,640	2,320		71	237.780	87.8%
3-Mar		5,400	1,290	3,210		18,100	17,500	9,910	4,130		70	237.997	87.9%
4-Mar		5,600	1,190	2,360		14,600	14,100	6,460	3,590		70	237.646	87.7%
5-Mar		5,400	1,180	2,410		13,200	14,100	5,640	2,880		70	237.634	87.7%
6-Mar		5,200	1,230	3,070		17,000		11,200	4,300		69	237.571	87.7%
7-Mar		5,300	1,130	2,540		16,200	15,000	8,680	4,280		69	237.556	87.7%
8-Mar		4,700	1,070	2,260		13,400	13,100	5,720	3,170		68	237.663	87.8%
9-Mar		4,400	1,090	2,570		13,200	14,100	7,160	3,860		66	237.739	87.8%
10-Mar	4,250	4,390	1,070	2,940		16,000	15,400	8,970	4,350		65	237.743	87.8%
11-Mar	4,980	4,420	1,030	2,310		12,800	12,400	5,870	3,520		65	237.710	87.8%
12-Mar	3,830	3,960	1,030	2,180		12,000	11,500	4,670	2,930		66	237.763	87.8%
13-Mar	4,150	4,060	1,060	2,430		12,000	11,800	5,050	2,740		67	237.867	87.8%
14-Mar	3,780	4,020	1,090	3,120		14,400	13,900	6,340	4,240		68	237.837	87.8%
15-Mar	3,940	3,910	1,010	2,700		13,200	12,900	6,360	4,150		69	237.601	87.7%
16-Mar	3,650	4,010	1,170	3,030		13,200		6,250	4,260		70	237.852	87.8%
17-Mar	5,980	7,200	2,140	4,060		14,500	15,500	7,170	4,890		70	238.547	88.1%
18-Mar	12,200	13,800	4,360	7,060		19,600	22,700	7,480	5,530		70	241.237	89.1%
19-Mar	25,000	24,800	5,610	9,300		31,800	36,100	7,420	5,740		70	244.969	90.4%
20-Mar	23,500	23,200	5,400	9,160		45,800	46,500	7,710	5,680		70	247.835	91.5%
21-Mar	32,100	38,000	7,050	15,100		55,900	60,300	17,600	11,600		70	253.583	93.6%
22-Mar	50,400	49,900	7,940	14,300		76,100	78,100	14,400	10,900		69	262.540	96.9%
23-Mar	48,700	46,400	6,820	11,700		81,100	79,000	11,000	8,390		68	267.371	98.7%
24-Mar	36,200	34,400	6,300	9,880		71,700	67,600	8,930	6,680		67	269.109	99.4%
25-Mar	27,600	26,700	5,890	9,180		55,400	52,800	6,680	4,480		64	270.640	99.9%
26-Mar	23,600	23,700	5,150	7,760		44,800	43,600	5,280	3,760		60	272.541	100.6%
27-Mar	22,000	21,700	4,890	7,410		40,300	40,300	5,420	3,900		<54	274.586	101.4%
28-Mar	18,300	18,400	4,290	5,990		37,100	36,300	4,730	3,220		<54	275.569	101.7%
29-Mar	16,100	16,600	4,090	5,420		31,500		4,100	3,260		<54	275.932	101.9%
30-Mar	21,100	22,300	4,530	6,740		33,500	35,100				<54	277.282	102.4%
31-Mar	23,200	22,200	4,220	6,290		40,400		7,090	4,250		<54	277.170	102.3%
March Avg	18,844	14,976	3,119	5,509		29,148	29,844	7,352	4,626				
Normal		8,820	1,768	3,835			18,225	4,596	2,970		67		
% of Normal		169.8%	176.4%	143.7%			163.8%	160.0%	155.7%				

NYC 24-hr Reservoir Observations: March 31, 8 am						DIRECTED RELEASES (CFS)		Summary of NYC Storage Observations for March 31			
	Precip (IN.)	Usable (BG)	Storage (%)	Draft (MG)	Directed Rel (MG)	Blue Marsh	0	NYC Daily Storage (BG)=	277.170	102.3%	
Neversink	0.08	35.234	100.8%	0	0	Beltzville	0	NYC Daily Storage Median (BG)=	258.533	95.5%	
Pepacton	0.12	142.174	101.4%	0	0	b F.E. Walter	0	BG Above NYC Daily Storage Median =	18.637	7.21%	
Cannonsville	0.15	99.762	104.2%	0	0	Merrill Cr	0	BG Above Drought Watch =	103.594		
Rondout	0.08	48.199	97.1%	414	0	NYC Res.- Excess Bank	0	BG Above Drought Warning =	119.594		
						c Lake Wallenpaupack	0	BG Above Drought =	143.594		
								BG Above One Year Ago =	143.823		

DAILY USABLE STORAGE 3/31/03		
	VOL. (BG)	d %CAP
Blue Marsh	5.07	106.5
Beltzville	13.28	102.2

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. During cold weather, ice effects on stage and discharge determinations at some stream-gaging stations are likely. Flow values reported on this report may be significantly higher or lower than actual streamflow. Revisions will be made as needed when adjusted data becomes available.
2. Due to ice effects, 8 am data for Montague, NJ for March 1-9 are unavailable.
3. The salt front river mile location will be updated as chloride data is received.
4. Daily mean data are unavailable for: Trenton, NJ for March 6, 16, 29 & 31; Schuylkill River at Philadelphia for March 30; and the Schuylkill River at Pottstown for March 30.