Table 2. Summary of sedimentation rates for five cores collected in Deep Creek Lake, Garrett County, Maryland, 2007-08

[yr, year; cm, centimeter; cm/yr, centimeters per year; ^{137}Cs, cesium 137]

Core number	Collection date	Period (yr)	Total collected sediment thickness (cm)	Depth assigned to 1954 sediment horizon as determined by ^{137}Cs date (cm)	Depth assigned to 1963 sediment horizon as determined by ^{137}Cs date (cm)	Sedimentation rates (cm/yr)	Range of sedimentation rates (cm)[1,2]
4	6/9/2008	1925 to 2008	68.5	36.8	30.25	0.83	
		1925 to 1963				1.01	±0.09
		1963 to 2008				0.67	±0.07
8	6/10/2008	1925 to 2008	77.0	58.0	29.50	0.93	
		1925 to 1963				1.25	±0.07
		1963 to 2008				0.66	±0.06
17	6/10/2008	1963 to 2008	--[3]	19.5	11.50	0.26	±0.09
21	6/10/2008	1925 to 2008	46.0	21.5	10.25	0.55	
		1925 to 1963				0.94	±0.09
		1963 to 2008				0.23	±0.07
23	6/11/2008	1925 to 2008	85.0	28.0	15.50	1.02	
		1925 to 1963				1.83	±0.08
		1963 to 2008				0.34	±0.07

[1]A linear sedimentation rate (cm/yr) was interpreted using the Cesium-137 data. Because of compaction of sediment in the deeper layers of the lake, some errors may result in using a linear interpolation for sedimentation rates (Van Metre and others, 2004).

[2]Sedimentation rates are based on ^{137}Cs activity and the sediment thickness of the collected core. For the period 1925-2008, sedimentation rates were estimated using the thickness of the entire core divided by 83 years (the number of years of reservoir operation).

[3]The core did not penetrate the original lake bottom and a 1925 date is not reported.