

Table VIII-2. Major carbon reservoirs on the Earth's surface (in unit of 10^{15} gC).

Global sediments		Ocean		Continent		Atmosphere(1980)			
organic	12,500,000	dissolved inorganic	37,400	plants	700	CO ₂	712		
				animals	1 to 2				
carbonate	65,300,000	dissolved organic	1,000	human	0.03	CH ₄	3		
				bacteria + fungi	3				
		particulate organic	30	standing dead organic	30	CO	0.2		
				biota	3			litter	60
						peat	160		
						soil organic	1,500		
Subtotal	77,800,000		38,400		2,400		715		

Data sources: Sediment data are from Table VI-4, and the rest from Bolin (1983) and references therein.