

5. Major stocks of carbon

stock	magnitude [10^{12} kg(C)]
carbon in rock and sediment	10^7
carbon in fossil fuels	9,600
dissolved inorganic carbon in seawater	40,000
carbon in dead organic matter	
continental	2,500
marine	
deep ocean	2,000
mixed layer	40
CO ₂ in the atmosphere (2006)	820
carbon in living organisms	
continental	560
marine	2