



Figure 1

Present-day condition of earth's atmosphere. If rock-weathering by rain and rivers were the only interaction happening, it would scour all the CO₂ out of earth's atmosphere in 3900 years. This because 3100 Gt (from above) / 0.8 Gt /yr = 3900 years

Hydrogen carbonate ions are also called bicarbonate ions. They are extremely abundant in seawater.