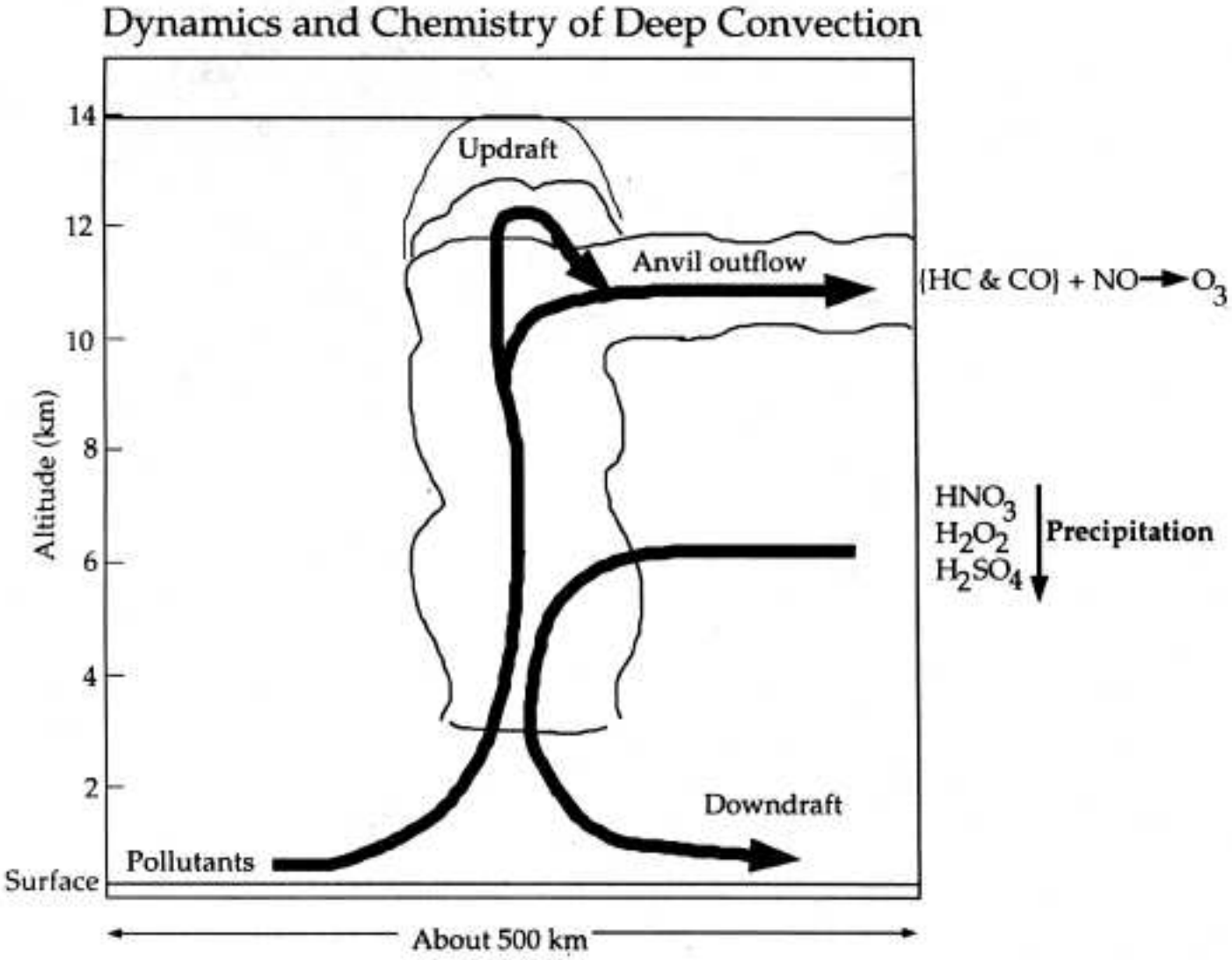

Fig. 1 Schematic of cloud dynamics and transport of ozone precursors (CO, NO and HC = hydrocarbons). Ozone is initially reduced in upper troposphere when unpolluted air is pumped upward. Soluble gases like nitric acid (HNO_3), hydrogen peroxide (H_2O_2), and sulfuric acid modify chemical composition of precipitation. Nitric and sulfuric acids are chief components of acid rain.