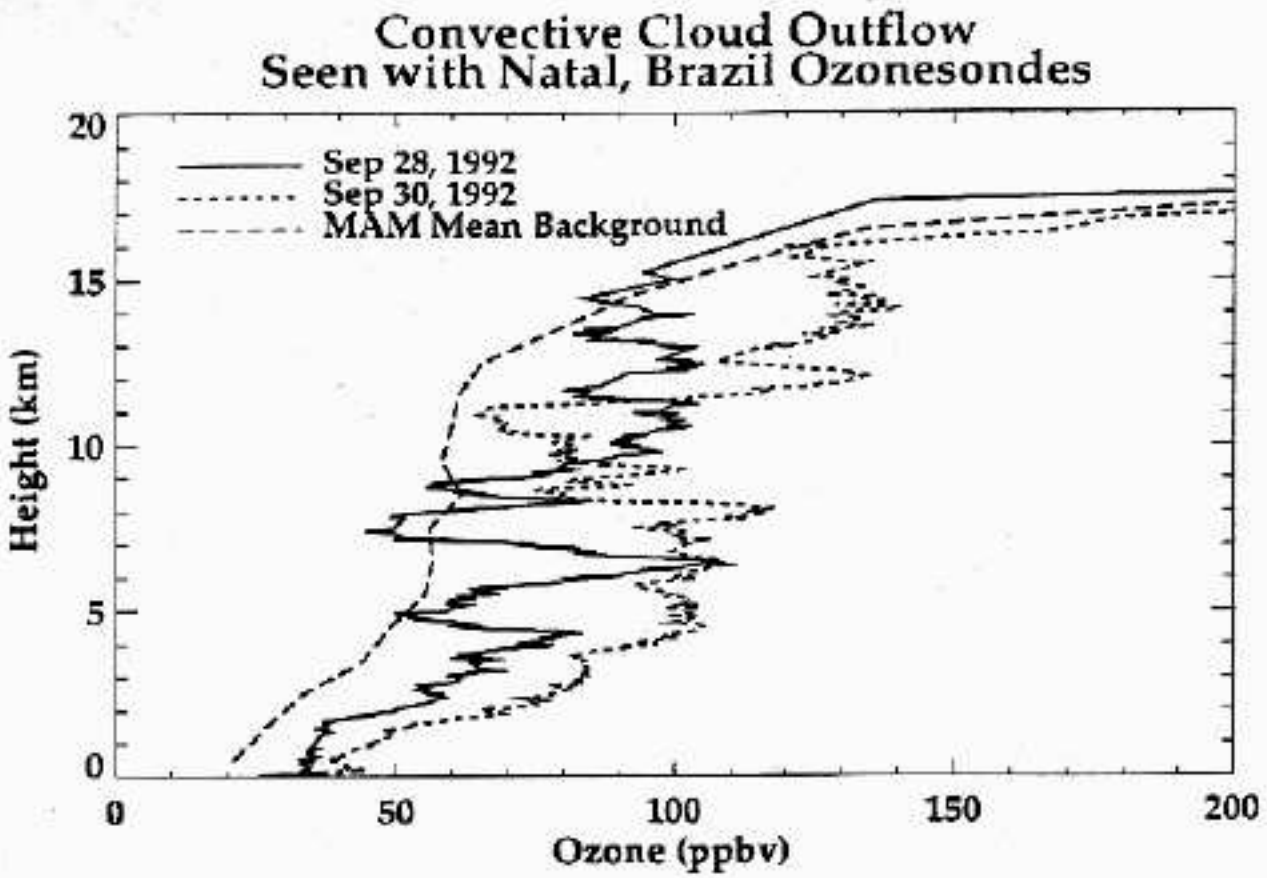

Fig. 9 Sounding on 30 Sept. 1992 was 2-4 days downwind from TRACE-A Flight 6 sampling. Note 25-30 ppbv O_3 increase from 28 to 30 Sept. in selected layers. March-April-May (M-A-M) is mean ozone during non-biomass burning season. Back trajectories initiated at Natal show middle and upper level O_3 peaks on 30 Sept. originating from cloud outflow regions sampled on 27 Sept. flight. Lower level air mass origins for 28 and 30 Sept. 1992 soundings are African [Thompson et al, 1996a].