

Asian pollution was persistent for 10 days at Mauna Loa, Hawaii from Dec 2nd to 12th, 2000 (between dotted lines). Air measured at Mauna Loa shows enhanced mixing ratios of COS, CH₃Cl, CH₄, Halon-1211 and CCl₄. During upslope conditions (see wind direction plot) local boundary layer air is measured with lower trace gas concentrations. Trajectories for December 1st and 13th (T1 and T4 respectively) show background free tropospheric conditions with air originating over the Pacific. The December 3rd and 8th trajectories (T2 and T3) illustrate air originating over southern Asia.

