

### **3.1.5. UMKEHR OBSERVATIONS**

Umkehr observations with automated Dobson ozone spectrophotometers continued during 1993 at Boulder, Haute Provence, France; Lauder, New Zealand; MLO; Perth, Western Australia; and University of Alaska's Geophysical Institute. Umkehr data processing was not performed during 1993 for several reasons, including a change in the computer used to process this data. The change required a rewriting of the suite of computer programs used in the processing.