

Mid-latitude Ozone and ClO Trends Based on two Years of UARS MLS Data

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Variations in ozone and chlorine monoxide observed by the Microwave Limb Sounder (MLS) aboard the Upper Atmosphere Research Satellite (UARS) during the first two years of operation are presented. We focus on mid-latitudes, where significant ozone decreases are observed in the lower stratosphere, and we offer some comparisons with other data sets. We will attempt to place the mid-latitude changes in context with changes observed at other latitudes. Possible correlations between the MLS ozone and ClO observations will be discussed.

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