



Global trends of tropopause pressure and temperature from radiosonde data

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Changes in the tropopause pressure have been previously addressed as a promising climate change fingerprint by several authors. In this work we studied variations in the tropopause pressure and temperature using radiosonde data for a global subset of stations from the Integrated Global Radiosonde Archive (IGRA), the most comprehensive radisounding database. This subset gives us an optimal spatial and temporal coverage. Finally homogeneization procedures are applied to the data series in order to remove possible inhomogeneities, using both computational methods and metadata.