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# VERY HIGH RESOLUTION FAR-INFRARED SPECTROSCOPY OF THE EARTH'S STRATOSPHERE

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Far infrared high resolution spectra of the atmospheric emission from 38 km altitude have been obtained with a balloon-borne Fourier transform spectrometer. The results obtained during several flights, including a recent one carried out in the last few months, are reviewed and discussed. The concentration and distribution of several minor stratospheric constituents can be measured from the analysis of the observed spectra.