

HICRU for GOME

Release Notes

This document describes the differences between different releases of the HICRU cloud data product including references.

version 1.1, 01/2005

changes compared to version 1.0:

- the upper thresholds are significantly improved for high solar zenith angles ($SZA > 78$).
- HICRU cloud data is also available for 2003, (01/1996 – 06/2003)

HICRU version 1.1 is available for download free of charge since 05/2005.

version 1.0 (first official release), 03/2003

version 1.0 of HICRU for GOME is available since 03/2003 on request. Cloud data retrieved from version 1.0 is available for level-1 data from 01/1996 to 10/2002. The following publications describe version 1.0 of the algorithm:

Grzegorski, M., Determination of cloud parameters for the Global Ozone Monitoring Experiment with broad band spectrometers and from absorption bands of oxygen dimer, diploma thesis, in German, Heidelberg 2003.

Grzegorski M., Beirle S., von Friedeburg, C., Hollwedel J., Khokar F., Kühl S., Platt U., Wenig, M., Wilms-Grabe, W. and Wagner T., EGU poster presentation, Nice 2003.