

GOME Level 3 Data Products at the ATMOS User Center

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Abstract

The Global Ozone Monitoring Experiment (GOME) is a passive imaging spectrometer and was successfully launched in April 1995 on-board ESA's ERS-2 satellite. The GOME instrument marks the beginning of a long-term European ozone monitoring effort.

Data from this instrument are processed, archived and distributed from DLR's German Remote Sensing Data Center (DFD) in Oberpfaffenhofen, Germany.

On behalf of ESA and with financial support from the German Space Agency (DARA), the GOME data processor (GDP) was designed at DFD in cooperation with the University of Bremen and the Smithsonian Astrophysical Observatory in Cambridge, USA. The GDP generates Level 1 and Level 2 data products on an operational basis.

In addition several Level 3 data products are operational generated at DFD with financial support by DARA. This paper should give an overview about what type of Level 3 data products are generated and how to access these data products via the ATMOS User Center (AUC) which is part of the DFD.

The purpose of the ATMOS user center is to stimulate the use of remote sensing data by making available to a diverse user community remote sensing data relevant to atmospheric and oceanographic studies, as well as background information, easily and free-of-charge wherever possible. This data can be accessed online via internet from the Intelligent Satellite Data Information System (ISIS).

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