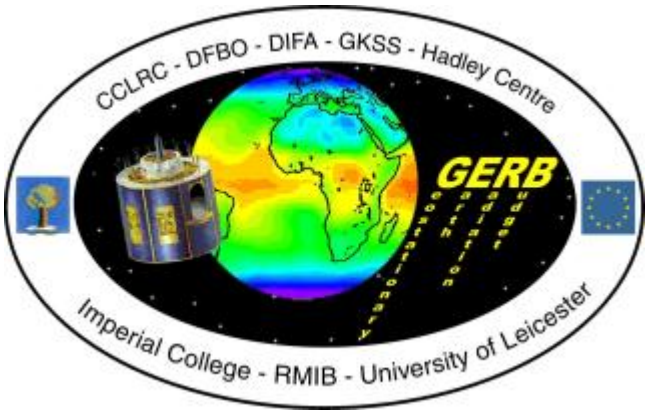
RMIB Remote Sensing from Space

- Team Members
- Publications
- Conferences and Meetings
- GERB intranet (login)
- FTP site
- Related Links and Collaborations

Main Projects

- GERB
- CM SAF
- EarthCARE
- Copernicus Climate Change Service (C3S)



Geostationary Earth Radiation Budget (GERB)

The GERB Project

- Introduction – Instrument – Science Team
- Processing Overview

The GERB Data

- Content – Formats
- Data Access (ROLSS) – RMIB GERB Processing Information
- SEVIRI data

Others

- Documentation

News

September 2021

- T. Akkermans and N. Clerbaux (2021): Retrieval of Daily Mean Top-of-Atmosphere Reflected Solar Flux Using the Advanced Very High Resolution Radiometer (AVHRR) Instruments, *Remote Sensing, 13(18), 3695; doi:10.3390/rs13183695*

April 2021

- A. Payez, S. Dewitte, and N. Clerbaux (2021): Dual View on Clear-Sky Top-of-Atmosphere Albedos from Meteosat Second Generation Satellites, *Remote Sensing, 13(9), 1655; doi:10.3390/rs13091655*.

March 2020

Publication of 2 papers in “Remote Sensing” describing the TOA radiation products from AVHRR, one for the shortwave, one for the longwave. These works will be basis to future release of TOA radiation products in the Climate Monitoring SAF CLARA-A3 Climate Data Record.

- T. Akkermans and N. Clerbaux (2020): Narrowband-to-Broadband Conversions for Top-of-Atmosphere Reflectance from the Advanced Very High Resolution Radiometer (AVHRR), *Remote Sensing, 12(2), 305; doi:10.3390/rs12020305*.
- N. Clerbaux, T. Akkermans, E. Baudrez, A. Velazquez Blazquez, W. Moutier, J. Moreels and C. Aebi (2020): The Climate Monitoring SAF Outgoing Longwave Radiation from AVHRR, *Remote Sensing, 12(2), 929; doi:10.3390/rs12060929*.

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