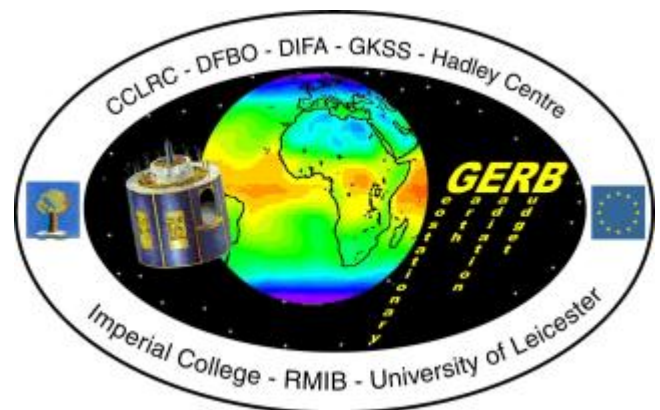


# RMIB Remote Sensing from Space

- [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](#)

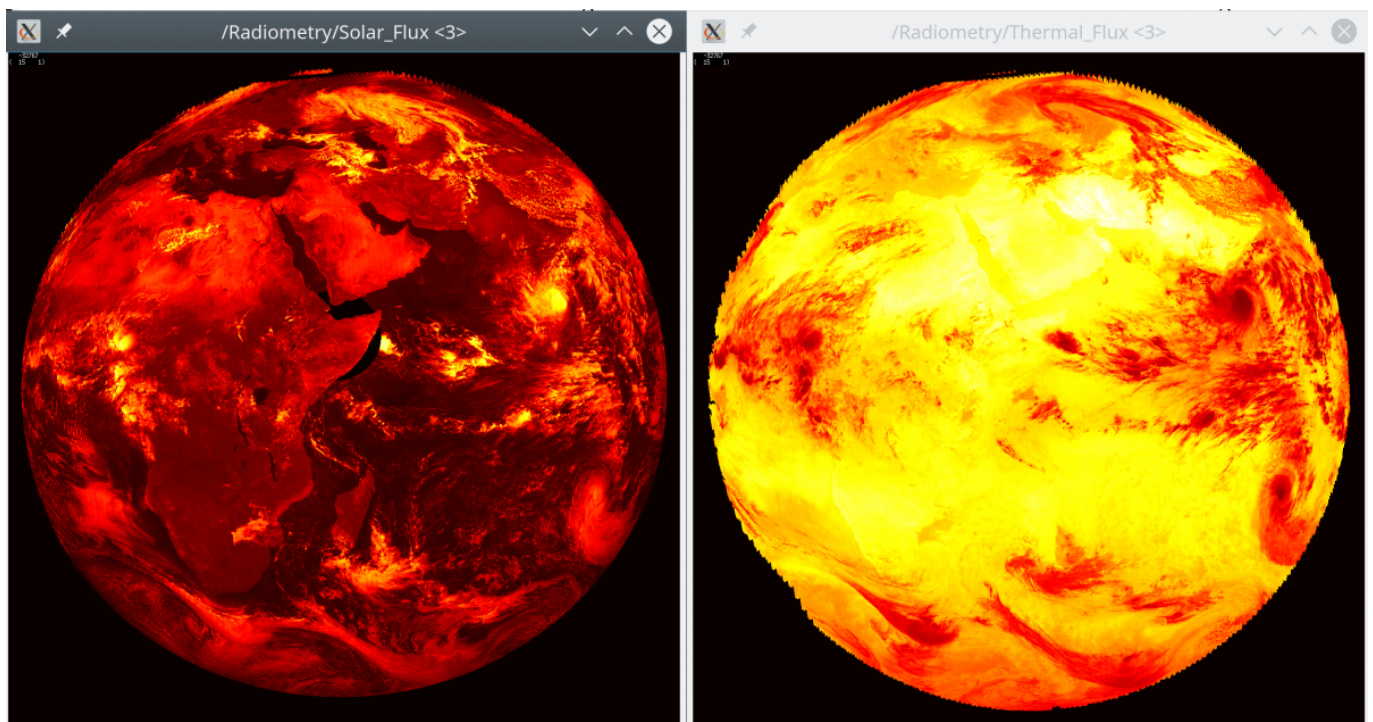
## News

### June 2022


As part of the MSG2 payload, the **GERB1** instrument is now operational over the Western part of the Indian Ocean (subsattellite longitude of 45.5° East). The **GERB1** Indian Ocean record starts on 9th May 2022 and is processed in near real time with the version tag V007.

Data available for evaluation via the ROLSS: [https://gerb.oma.be/doku.php?id=data\\_access](https://gerb.oma.be/doku.php?id=data_access)


As illustration, the HR solar (left) and thermal (right) fluxes on 10 May 2022 at 09:00 UTC.



### 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.

This wiki uses [Papyrus](#) icons (GNU GPLv3).

From:

<https://gerb.oma.be/> - **RMIB GERB wiki**

Permanent link:

[https://gerb.oma.be/doku.php?id=the\\_geostationary\\_earth\\_radiation\\_budget\\_project\\_at\\_rmib](https://gerb.oma.be/doku.php?id=the_geostationary_earth_radiation_budget_project_at_rmib) 

Last update: **2022/06/28 06:40**