



Royal Netherlands
Meteorological Institute
Ministry of Infrastructure and the
Environment

EU SURFACE TEMPERATURE FOR ALL CORNERS OF EARTH (EUSTACE): DATA ACCESS AND USER GUIDES



EUSTACE has received funding from the European Union's Horizon 2020 Programme for Research and Innovation, under Grant Agreement no 640171



DATA ACCESS

- All EUSTACE final data products will be available through the CEDA archive
<http://catalogue.ceda.ac.uk>
- Open access policy
- Data download through:
 - FTP
 - CEDA data browser (PyDAP)
- Subsetting of NetCDF files available via PyDAP

All data are in CF-compliant, NetCDF format

The screenshot displays the CEDA catalogue interface. At the top, the header includes the CEDA logo and navigation links. The main content area features a dataset entry for 'EUSTACE: Global Land Surface Temperature data from the MODIS satellite instrument with uncertainties'. A prominent yellow banner states 'THIS RECORD HAS NOT BEEN PUBLISHED YET - PREVIEW ONLY!'. Below this, the 'Abstract' section provides a detailed description of the dataset, including its origin and the EUSTACE project's goals. The 'Temporal Range' is set from 2002-07-04T00:00:00 to 2016-12-31T23:59:59. The 'Geographic Extent' is shown on a world map with a bounding box from -180.0000° to 180.0000° longitude and -90.0000° to 90.0000° latitude. The 'Authors' section lists D. Ghent, and the 'Publishers' section lists the Centre for Environmental Data Analysis (CEDA). Navigation tabs at the bottom include Details, Related Datasets, Process, Variables, Tools (1), Docs (1), and Comments (0).



USER GUIDES

Two documents will provide user information on all the EUSTACE products:

- **Product User Guide** : [How to use the products](#)
- **Scientific User Guide** : [Scientific understanding of the products](#)

⇒ PDF - clickable links for easy navigation

⇒ Web based version

Has taken into account feedback from user groups.

Further feedback is appreciated – *see poster for more information*



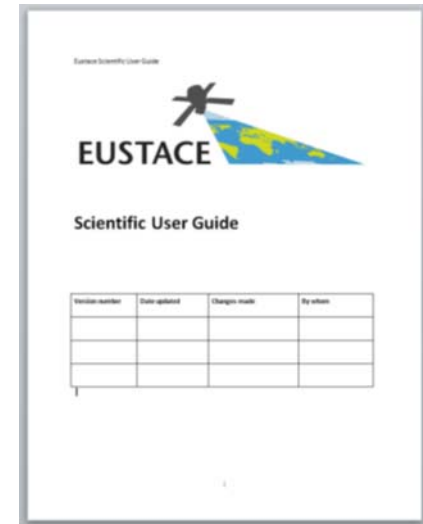
PRODUCT USER GUIDE

1. Introduction
2. Quick Start Guide
 - a) How to Obtain EUSTACE products
 - b) How to read the data products
 - c) Working with Uncertainty Estimates
 - d) Things to be aware of when using the data (Assumptions and Do's and Don'ts)
 - e) How to acknowledge / reference the data
 - f) Frequently Asked Questions
3. Detailed sections for individual products for expert users
4. Case Studies
5. Glossary
6. References



SCIENTIFIC USER GUIDE

1. Introduction (EUSTACE concept)
2. Short summary of EUSTACE products
3. Scientific Background
 - Motivation and detailed background to products
4. Details of Input datasets
5. Estimating uncertainty
6. EUSTACE processing workflow
 - Includes the overall chain and per product breakdown
7. Validation
8. Comparisons with other datasets
9. Known issues with the datasets
10. Future directions
11. Where to go for further information
12. References + EUSTACE publications





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PLEASE COME AND SEE US AT OUR POSTER & PROVIDE US WITH FEEDBACK ON THE USER GUIDES



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