

Digital Object Identifier (DOI)

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Digital Object Identifier (DOI)

A **digital object identifier (DOI)** is a character string (a "digital identifier") used to uniquely identify an object such as an electronic document or data set.

The DOI references a metadata set yielding (among other information) its creation date and the URL of the object.

If the URL of the object is changed, the metadata has to be updated accordingly; the DOI persistently points to its object.

DOI is specified in ISO 26324.

Digital Object Identifier (DOI)

DOI is *Digital Identifier* of an *Object* (not "Identifier of a Digital Object")

Object = any entity (thing: physical (e. g. publication), digital (e. g. data set), or abstract).

Formerly:

DOI concentrated on publications, now it covers any topic.

The International DOI Foundation (IDF) (operates and governs DOIs, <http://www.doi.org/>) exists since 1998.

In 2013, more than 84 Million DOIs have been assigned so far.

Working with DOIs

DOIs are managed by the International DOI Foundation (IDF) (operating and governing organisation): <http://www.doi.org/>

DOIs are obtained from DOI Registration Agencies.


In case of WDC-RSAT:

The DOI Registration Agency is „Technische Informationsbibliothek Hannover, Germany“ (TIB).

Firefox

Key Facts on Digital Obj... Digital object identifier - ... DataCite | Helping you t... 10.1594/WDCRSAT.5P77PP9S

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This page represents DataCite's metadata for *doi:10.1594/WDCRSAT.5P77PP9S*.

For a landing page of this dataset please follow <http://dx.doi.org/10.1594/WDCRSAT.5P77PP9S>

Citation

Schmidt, Carsten; Wüst, Sabine; Bittner, Michael; (2013): Nocturnal means of OH(3-1) airglow rotational temperatures from the mesopause region obtained with GRIPS 12 at the Observatoire de Haute-Provence; World Data Center for Remote Sensing of the Atmosphere (WDC-RSAT). <http://dx.doi.org/10.1594/WDCRSAT.5P77PP9S> **RIS** **BibTeX**

Descriptions

Abstract

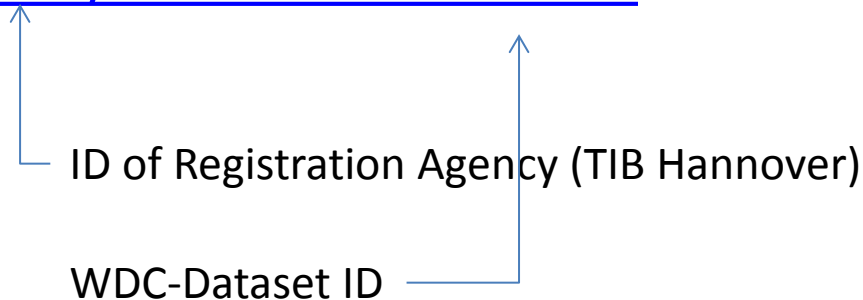
The temperatures are derived from the rotational vibrational transition of the OH molecule originating from a thin layer in approximately 87 km centroid height. The spectra have been obtained with the Ground-based Infrared P-branch Spectrometer (GRIPS 12) located at the Observatoire de Haute-Provence (5.71°E, 43.93°N), France since June 2012 - a measurement station of the international Network for the Detection of

Working with DOI

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Summary

- DOI registration is regulated by the Registration Agency. In our case (TIB Hannover), the registration of DOIs is free of charge.
- A specific dataset (observations + specific post-processing) becomes uniquely identifiable through DOI.
- A specific (e. g. post-processed) data set becomes a citable scientific publication when being identifiable through DOI. This helps supporting scientists who are strongly involved into dedicated aspects of a retrieval or data processing scheme and who did not manage to write a publication on this particular method.