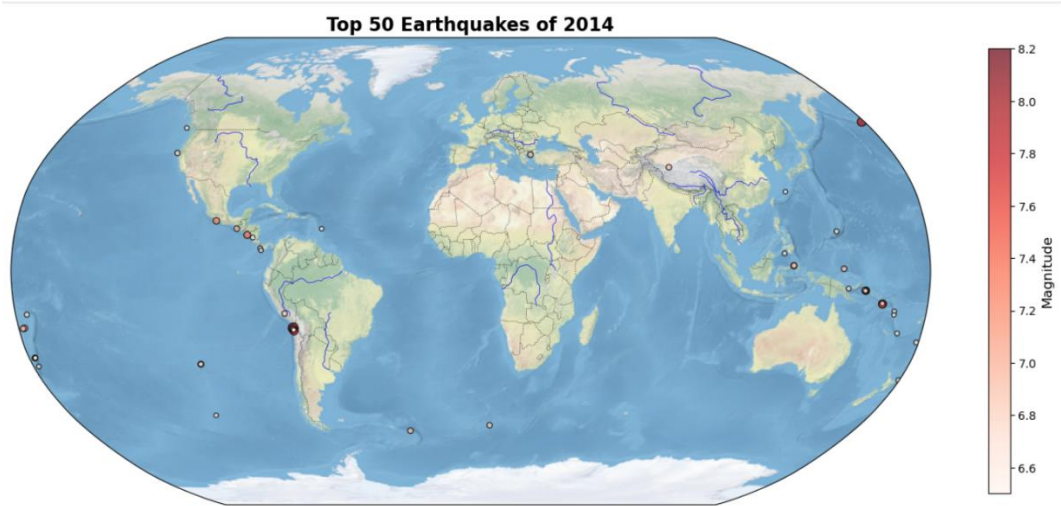


Task 1

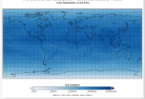


Task2

数据来源：TROPESS Chemical Reanalysis Surface Total NO_x emissions Monthly 2-dimensional Product V1 (TRPSCRENOXTM2D) (2018-2021)

[Back to search results](#)

Tropospheric Ozone and its Precursors from Earth System Sounding
TROPESS Chemical Reanalysis OH Monthly 3-dimensional Product V1 (TRPSCROHM3D)



The TROPESS Chemical Reanalysis OH Monthly 3-dimensional Product contains vertical concentrations of the hydroxyl radical. The data are part of the Tropospheric Chemical Reanalysis v2 (TCR-2) for the period 2005-2021. TCR-2 uses JPL's Multi-mOdel Multi-cOnstituent Chemical (MOMO-Chem) data assimilation framework that simultaneously optimizes both concentrations and emissions of multiple species from multiple satellite sensors.

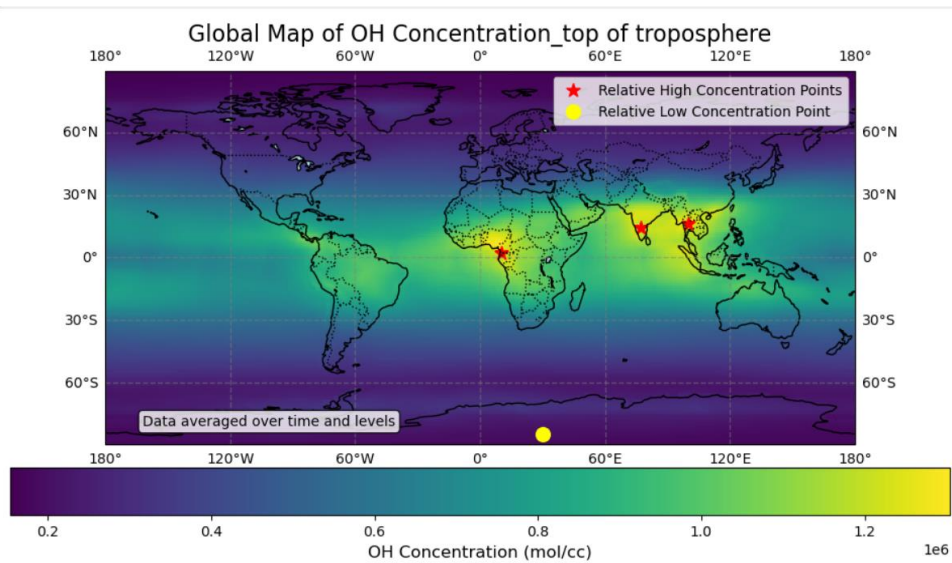
The data files are written in the netCDF version 4 file format, and each file contains a year of data at monthly resolution, and a spatial resolution of 1.125 x 1.125 degrees at 27 pressure levels between 1000 and 60 hPa. The principal investigator for the TCR-2 data is Miyazaki, Kazuyuki.

[Cloud Enabled](#)

[View Full-size Image](#)

[Product Summary](#) [Data Citation](#) [Documentation](#) [References](#) [Data Calendar](#)

Shortname: TRPSCROHM3D
Longname: TROPESS Chemical Reanalysis OH Monthly 3-dimensional Product V1
DOI: 10.5067/POL5GL2M4JQX
Version: 1
Format: netCDF
Spatial Coverage: -180 0,-90 0,180 0,90 0
Temporal Coverage: 2005-01-01 to 2022-01-01
File Size: 45 MB per file
Data Resolution
Spatial: 1.125 ° x 1.125 °
Vertical: 2 km
Temporal: 1 month



2.2

