

Descriptions of data used in paper.

TSI-DATA:

FILE: ext_composite_d41_61_0803.dat

NOTE: Average daily irradiance from 1.jan.1976 to 5.mar.2008.

URL: <ftp://ftp.pmodwrc.ch/pub/data/irradiance/composite/>

UV-DATA:

FILE: NOAAMgII.dat

NOTE: Mg II core-to-wing ratio from 7.nov.1978 to 14.oct.2007.

URL: ftp://ftp.ngdc.noaa.gov/STP/SOLAR_DATA/SOLAR_UV/UVCOMPOSITE/

MODIS-DATA:

FILE: MODIS_DATA.DAT

NOTE: Daily global means of selected cloud parameters from 7.apr.2000 to 1.nov.2006. The means are based on daily maps from the Terra satellite, i.e. data from the 005 collection of MOD08_D3. A daily mean of a parameter $P(t)$ is created from a map P_{map} through:

$$P(t) = \frac{1}{4\pi} \int_0^{2\pi} \int_{-\pi/2}^{\pi/2} P_{map}(\theta, \phi, t) \cos(\theta) d\theta d\phi$$

URL: <http://ladsweb.nascom.nasa.gov/data/search.html>