archivers.space

Information gathered during Data Rescue Events through the archivers.space app. See
http://www.ppehlab.org/datarescueworkflow#retiredworkflow for more information.

Priority *
Number should be 1-10

N/A

URL *

ftp://data.ncdc.noaa.gov/cdr/solar-irradiance/tsi/

Agency *

National Oceanic and Atmospheric Administration

Event

Title

Solar Irradiance Data

Crawled by the Internet Archive? *

◯ Yes

⦿ No

Internet Archive URL

....

Description

....

Purpose or significance of data

"This Climate Data Record (CDR) contains total solar irradiance (TSI) as a function of time created with the Naval Research Laboratory model for spectral and total irradiance (version 2). Total solar irradiance is the total, spectrally integrated energy input to the top of the Earth's atmosphere, at a standard distance of one Astronomical Unit from the Sun. Its units are W per m2. The dataset was created by Judith Lean (Space Science Division, Naval Research Laboratory), Odele Coddington and Peter Pilewskie (Laboratory for Atmospheric and Space Science, University of Colorado). The daily- and monthly-averaged TSI data range from 1882 to the present, and annual-averaged TSI data begin in 1610. The data file format is netCDF-4 following CF metadata conventions. The dataset is accompanied by algorithm documentation, data flow diagram and source code for the NOAA CDR Program." (https://gis.ncdc.noaa.gov/geoportal/catalog/search/resource/details.page?id=gov.noaa.ncdc:C00828)

....

☐ Do not harvest. All data is small, unstructured, and on a page crawlable by the Internet Archive.

☐ Page contains dynamic content (e.g., links loaded by JavaScript).

☐ Page contains interactive visualizations.

☑ Data is accessible in structured file(s) that can be directly downloaded.

☑ Data is accessible over FTP.

☐ Data is accessible using a documented public API.

☐ Data is only accessible using search queries in a web form.

Recommended approach to harvesting data

wget

File formats

txt, nc

Estimated size in MB

Related URLs

ftp://data.ncdc.noaa.gov/cdr/solar-irradiance/tsi/

Where you able to capture all of the data at this URL?

🔘 Yes

⚪ No

Harvest method used

download_ftp_tree.py

Notes from Harvest

No {UUID}.html because this is a FTP directory.

User certified that to the best of their knowledge this is a well-checked bag that will survive out of context of the site it was harvested from.

◉ Yes

Notes from Bagging

Notes from Describe

Described by Erin Antognoli