

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

10

URL *

<https://esrl.noaa.gov/psd/data/gridded/data.crutem4.html>

Agency *

National Oceanic and Atmospheric Administration

Event

Title

Jones (CRU) Air Temperature Anomalies Version 4: CRUTEM4

Crawled by the Internet Archive? *

☒ Yes

☐ No

Internet Archive URL

<https://www.archivers.space/urls/08FB1971-A69B-4044-B8B8-7201C624CC9A>

Description

See the Hadley Centre for more details. This version is 4.1.1. The air temperature page is from monthly station temperature time series. A version that is variance corrected (CRUTEM4V) is available. The technique for the variance adjusted dataset can be found at Jones et. al (2001).

Note the companion dataset HADCRUT4 Combined Air Temperature/SST Anomalies. Also note that if you would like a climatology, there is a 1961-1990 LTM file based on the HADCRUT2V data.

Purpose or significance of data

- ☐ 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

File formats

netcdf

Estimated size in MB

Related URLs

<https://esrl.noaa.gov/psd/data/gridded/data.crutem4.html>

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

☒ Yes

☐ No

Harvest method used

bash script to filter ftp links and wget to get files

Notes from Harvest

air.mon.anom.nc - Air Temperature, Anomaly, Surface,
air.mon.anom.nobs.nc - Air Temperature, NOBS, Surface,
air.mon.anom.samplingerror.nc - Air Temperature, Sampling Error, Surface
air.mon.anom.stationerror.nc - Air Temperature, Station Error, Surface
air.mon.anom.biased2.5.nc - Air Temperature, 2.5 bias, Surface
air.mon.anom.biased97.5.nc - Air Temperature, 97.5 bias, Surface
air.mon.anom.nc - Air Temperature, Variance adjusted, Anomaly Surface
air.mon.ltm.nc - Air temperature (from Hadcrut2!), monthly long term mean, Surface

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

Used the R package 'ncdf4' to open and spot check .nc files.

Notes from Describe

45.9 MB

This form was created outside of your domain.

Google Forms