

Northern Hemisphere Extra-Tropics 2,000-year Decadal Temperature Reconstruction

SND-ID: ecds0085-1.

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Creator/Principal investigator(s)

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Description

Multi-proxy temperature reconstruction for the extra-tropical Northern Hemisphere (90-30°N) during the last two millennia based on 30 palaeotemperature proxy records with annual to multi-decadal resolution. Proxy types include historical documentary records, seafloor sediment records, lake sediment records, speleothem records, ice-core records, varved thickness sediment records, tree-ring width and maximum latewood density records. The reconstruction is presented as decadal anomalies in degrees C relative to the 1961-1990 reference period and provided with quantitative error bars.

The dataset can be downloaded from:

ftp://ftp.ncdc.noaa.gov/pub/data/paleo/contributions_by_author/ljungqvist2010/ljungqvist2010.txt

A graphical description of the dataset is given at:

http://wattsupwiththat.files.wordpress.com/2010/09/loehle_v_fig1.png

Data contains personal data

No

Time period(s) investigated

1 - 1999

Research area

[Natural sciences](#) (Standard för svensk indelning av forskningsämnen 2011)

[Climatology / meteorology / atmosphere](#) (INSPIRE topic categories)

Keywords

[Common sense climate index](#), [Air temperature reconstruction](#), [Climate indicators](#)

Publications

Ljungqvist, F.C. 2010. A new reconstruction of temperature variability in the extra-tropical Northern Hemisphere during the last two millennia. *Geografiska Annaler: Physical Geography*, 92A: 339-351,

doi:10.1111/j.1468-0459.2010.00399.x

Polygon (Lon/Lat)

-180, 90

-180, 30

180, 30

180, 90

-180, 90

Accessibility level

Access to data through an external actor

Data are freely accessible

Contacts for questions about the data

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Download metadata

[DataCite](#)

[DDI 2.5](#)

[DDI 3.3](#)

[DCAT-AP-SE 2.0](#)

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