

Ground temperatures, Liefdefjord, northwest Svalbard, Version 1

USER GUIDE

How to Cite These Data

As a condition of using these data, you must include a citation:

King, L. 1998. *Ground temperatures, Liefdefjord, northwest Svalbard, Version 1*. [Indicate subset used]. Boulder, Colorado USA. NASA National Snow and Ice Data Center Distributed Active Archive Center. <https://doi.org/10.7265/3s81-kv68>. [Date Accessed].

FOR QUESTIONS ABOUT THESE DATA, CONTACT NSIDC@NSIDC.ORG

FOR CURRENT INFORMATION, VISIT <https://nsidc.org/data/GGD416>



National Snow and Ice Data Center

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Notice: This data set was first published on the [1998 CAPS CD](#).

The text for this document was taken unchanged from that CD.

1 DETAILED DATA DESCRIPTION

1.1 SITE DATA FILE

Site no.:

(site number assigned by the researcher) : SPE1

Source of data: (enter names)

Name of investigator: Lorenz King

Name of institute: Geographical Institute, Justus-Liebig University, Giessen, Germany

Data type: (check or specify)

Temperature log

Location: (enter Long. Lat. or UTM)

Longitude: 12 58.5 E

Latitude: 79 34.8 N

Geodetic datum: (enter datum used in original work):

1990

Elevation a.s.l.:

(m): 45 m a.s.l.

Aspect (slope orientation): (check one)

North

Slope angle (degree):

2

Landform: (check one)

Ridged

Material: (check one)

Morainal (till)

Texture of material: (check one)

Coarse, gravelly

Drainage: (check one)

Rapidly drained

Vegetation type: (check one)

Tundra, broken herb

Vegetation cover (%):

10%

Anthropogenically disturbed site: (check one)

No

Fire history: (enter number of years since fire)

Remarks: (free format text - any additional information about the site that may be important to users of the data)

Shallow ground temperature measurements are:

Automatic (logger): Yes

Temperature sensor is:

Pt100 Resistant Thermometer

Sampling rate (period of measurement)

60 days and averaging period of individual measurements _1_ days

Time standard used is UT/GMT

Accuracy is:

plus/minus _0.1_ degrees Celsius in temperature

plus/minus _0.02_ metres in depth

2 DOCUMENT INFORMATION

Please cite these data as follows:

King, L. 1998. Ground temperatures at Liefdefjord, northwest Svalbard. In: International Permafrost Association, Data and Information Working Group, comp. Circumpolar Active-Layer Permafrost System (CAPS), version 1.0. CD-ROM available from National Snow and Ice Data Center, nsidc@kryos.colorado.edu. Boulder, Colorado: NSIDC, University of Colorado at Boulder.

2.1 Publication Date

1998

2.2 Date Last Updated

2021