Active-Layer Depth of Finnish Palsa Bog Version 1

USER GUIDE

How to Cite These Data

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


https://doi.org/10.7265/dave-b458. [Date Accessed].

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

FOR CURRENT INFORMATION, VISIT https://nsidc.org/data/GGD622
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1 DATA DESCRIPTION

This data set contains 76 active-layer depth measurements (cm) of the Vaisjeäggi palsa bog, Finland, from 08 September 1993 to 14 October 2002. Data were collected from a single location at 69 deg 49'16.6" N, 27 deg 10'17.1" E. Data also contain snow depth (cm) when snow cover was present. Data are in tab-delimited ASCII text format, and are available via ftp.

1.1 Parameters

Active-layer depth at a palsa bog, using a 1-m metal rod that was pushed vertically to the peat until resistance was met. Active-layer depth values range from 5 cm to 67 cm. Snow depth was measured when snow cover was present.

Palsa is a peaty permafrost mound possessing a core of alternating layers of segregated ice and peat or mineral soil material. They are typically between 1 m and 7 m in height and a few metres to 100 m in diameter. Most, but not all, palsas occur in the discontinuous permafrost zone.

1.2 File Information

1.2.1 Format

Data are in tab-delimited ASCII text format.

The file "ggd622_vaisjeaggi_ald.txt" is 2 KB.

1.2.2 Naming Convention

ggd622_vaisjeaggi_ald.txt

1.3 Spatial Information

1.3.1 Coverage

Samples were collected at Vaisjeäggi palsa bog in Finland, 300 m above sea level, at 69°49'16.6" N, 27°10'17.1" E. Soil consisted primarily of peat.
1.4 Temporal Information

1.4.1 Coverage


2 CONTACTS AND ACKNOWLEDGMENTS

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3 DOCUMENT INFORMATION

3.1 Publication Date

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3.2 Date Last Updated

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