

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:

M. Ronkko 2003. Active-Layer Depth of a Finnish Palsa Bog, Version 1. [Indicate subset used].
Boulder, Colorado USA. NSIDC: National Snow and Ice Data Center.

<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>



National Snow and Ice Data Center

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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

Rönkkö collected measurements once each year during 1993, 1994, 1995, and 1998. Coverage then extends from June to November 2001, and from March to Oct 2002. Dates are given in year.day.month format.

2 CONTACTS AND ACKNOWLEDGMENTS

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3 DOCUMENT INFORMATION

3.1 Publication Date

February 2003

3.2 Date Last Updated

20 January 2021