

Data Title=

Thermistor data from surface soils and permafrost in the Imnavait Creek watershed

PI/Data Contact=

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Data coverage=

Data collected from 2009 to 2011

Project funded by=

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Dataset Overview=

This dataset includes soil temperature data from three different thermistors installed into boreholes in the Imnavait Creek watershed near Toolik Lake Field Station Alaska.

The thermistors are called:

Imnavait 1

Imnavait 3

Imnavait 4

Platform ID=

N/A

Instrument Description=

Installed at each of the three locations:

ONSET/HOBO TMC-20HD thermistors (4) with an ONSET U12 datalogger

Accuracy quoted from company: +/- 0.21 degrees C

Location=

Loggers installed at:

Imnavait 1:

68.61209 North latitude, 149.31396 West longitude

UTM 405841N, 7612700W

Imnavait 3:

68.61203 North latitude, 149.31835 West longitude
UTM 405662N, 7612700W

Imnavait 4:

68.61210 North latitude, 149.30440 West longitude
UTM 406230N, 7612686W

Data Remarks=

All temperatures are in degrees Celcius

Thermistors were installed into holes drilled by a 4 cm diameter, 60 cm long SIPRE augur

Thermistors were attached to a metal stake that was lowered into the hole

Missing Value indicator=

-99

Time stamp=

Times are in Alaska Standard time (AST) and UTC

Stamp is YYYY/MM/DD/HH

Where YYYY=Year, MM= Month, DD=Day, HH=Hour

Such that April 28, 2010 at 4am would be: 2010/04/28/04

Missing Data=

Imnavait 3:

The period from 10/12/2010 11:00:00 GMT to 4/21/2011 11:00:00 GMT is missing due to a faulty battery