Site name: Berry Hill - Hope

Device codes: 34, 56, XV

Coordinates: S63°48′50.9″ W57°49′59.12″  
Altitude: 235 m a. s. l.

Site description:

The study site is situated in the northeastern part of Ulu Peninsula, James Ross Island. The study site provides data of meteorological parameters and ground temperature. The surroundings is covered by regolith and the study site might be shadowed from the southwest to the northeast. There is open sea to the east of the study site in the approximate distance of 1300 m.

Measured parameters:

Current setting:

All measurement since 16-Feb-11

34 - Soil temperature (5, 15, 30, 50, 75, 90, 100 cm) - since 10 February 2010

56 – Soil temperature (15, 30 cm) - since 24 January 2010

XV *–* Air temperature and Relative humidity (200 cm) - since 24 January 2015

Cancelled measurement:

Measurement interval:

XV – 60 min

34 – 60 min

56 – 120min

Total data availability:

100 % - XV

cca 83 % - 34,56

Data quality: XV- 1 (no missing values so far)

Missing data period:

34 - from 13 December 2014 to 6 February 2016

56 - from 24 January 2015 to 6 February 2016

Published data period:

Data files:

Complete time series – raw data:

Soil texture sampling:

Soil texture results:

Soil moisture sampling:

Soil moisture results:

