

Tables

Variable	Description
date	Sampling date (UTC).
latitude	Latitude of the sampling location (degree decimals).
longitude	Longitude of the sampling location (degree decimals).
sample_type	Origin of the water ("water", "ice", "meltpond").
sample_source	Source of the water ("niskin", "underice" "0-1 cm", "0-3 cm", "3-10 cm", "rosette").
depth_m	Depth at which measurement was made.
snow_thickness	Qualitative value describing the snow cover under which measurement was made ("thin_snow", "thick_snow").
mission	Mission identifier ("ice_camp_2015", "ice_camp_2016")
pi	Name(s) of the principal investigator(s) responsible of the measured variable.

Table 1: Descriptions of the minimal variables included in each dataset.