Buoy Deployment Report

seaiceportal.de

Buoy information

Buoy name: 2023T112
IMEI: 300534063058450
Buoy type: Thermistor Buoy
Buoy owner: Alfred Wegener Institute, Helmholtz Centre for Polar and Marine Research

Deployment information

Date and Time (UTC): 16.08.2023 13:05
Position (Lat/Lon): 89.98990/135.42330
Region: North Pole
Contact:
Luisa von Albedyll (AWI)
Expedition name: Charcot 2023
Means of deployment: Ship - gangway

Snow and ice conditions

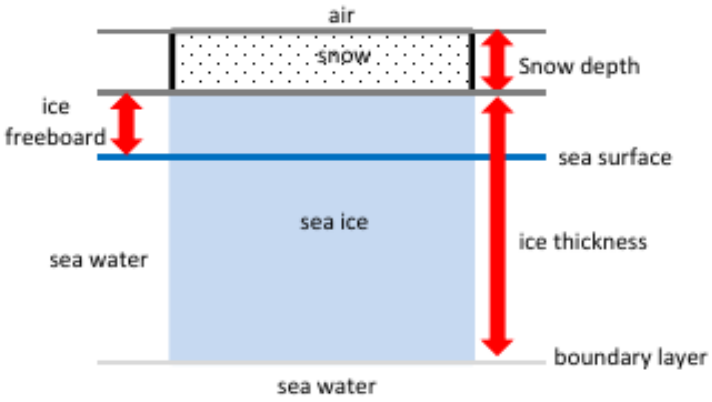
Snow depth: 0.08 m
Ice thickness: 1.29 m
Ice freeboard: 0.08 m
Ice types:
FYI (First Year Ice)

Buoy-specific parameters

Chain length: 5 m
Sensor spacing: 0.02 m
Sensor ice water (Sensor ID): 96
Sensor sea surface (Sensor ID): 35
Sensor snow ice (Sensor ID): 31
Sensor air snow (Sensor ID): 29



Photo credits:



Additional information *(comments, weather, topography, ice floe size, etc.)*

6 m distance to Snow Buoy 2023S126, Drone MOSAIC of the wider surroundings available, refrozen meltpond with fresh snow on top