Buoy Deployment Report

seaiceportal.de

Buoy information

Buoy name: 2018T50
IMEI: 300234064812030
Buoy type: Thermistor Buoy
Buoy owner: Alfred Wegener Institute, Helmholtz Centre for Polar and Marine Research

Deployment information

Date and Time (UTC): 05.05.2018 00:00
Position (Lat/Lon): 82.57582/-62.47266
Region: Lincoln Sea
Contact:
Christian Katlein (AWI)
Expedition name: Alert_MAPLI18
Means of deployment: Snow mobile

Snow and ice conditions

Snow depth: 0.35 m
Ice thickness: 3.1 m
Ice freeboard: 0.1 m
Ice types:
MYI (Multi Year Ice)

Buoy-specific parameters

Total number of sensors: 240
Sensor gps stop: 2018-10-18 22:59 UTC
Sensor chain stop: 2018-08-24 21:00 UTC
Sensor air snow (Sensor ID): 28
Sensor ice water (Sensor ID): 172
Chain length: 5 m
Sensor sea surface (Sensor ID): 50
Sensor snow ice (Sensor ID): 45
Sensor spacing: 0.02 m

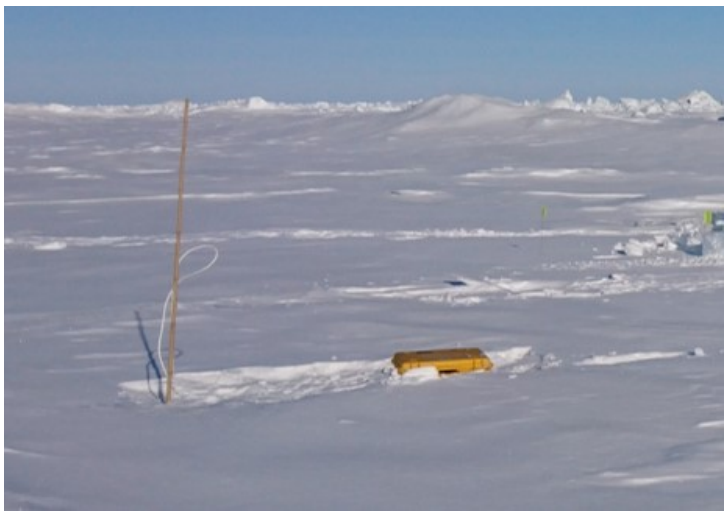
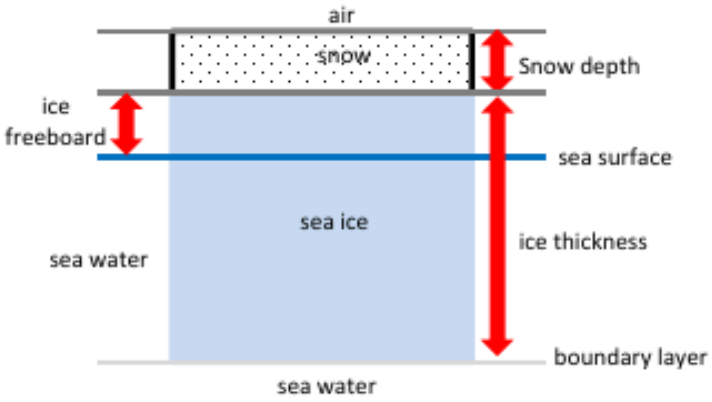


Photo credits:



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

Deployed on multi-year ice floe adjacent to the tent camp, Co-deployed with SnowBuoy 2018S66, Radiation Station 2018R2 and a DFO weather station. Deployment as part of the LastIce project.