Buoy Deployment Report

seaiceportal.de

Buoy information

Buoy name: 2021S89
IMEI: 300234066994850
Buoy type: Snow Buoy
Buoy owner: Alfred Wegener Institute, Helmholtz Centre for Polar and Marine Research

Deployment information

Date and Time (UTC): 07.07.2021 17:40
Position (Lat/Lon): -70.59140/-7.82560
Region: Atka Bay
Contact:
Paul Ockenfuß (AWI)
Expedition name: AFIN 2021
Means of deployment: stationary time series

Snow and ice conditions

Snow depth: 0.06 m
Ice thickness: 1.07 m
Ice freeboard: 0.1 m
Ice types:
Fast Ice

Buoy-specific parameters

Initial sh1: 0.04 m
Initial sh2: 0.03 m
Initial sh3: 0.08 m
Initial sh4: 0.08 m
Temp correction: off

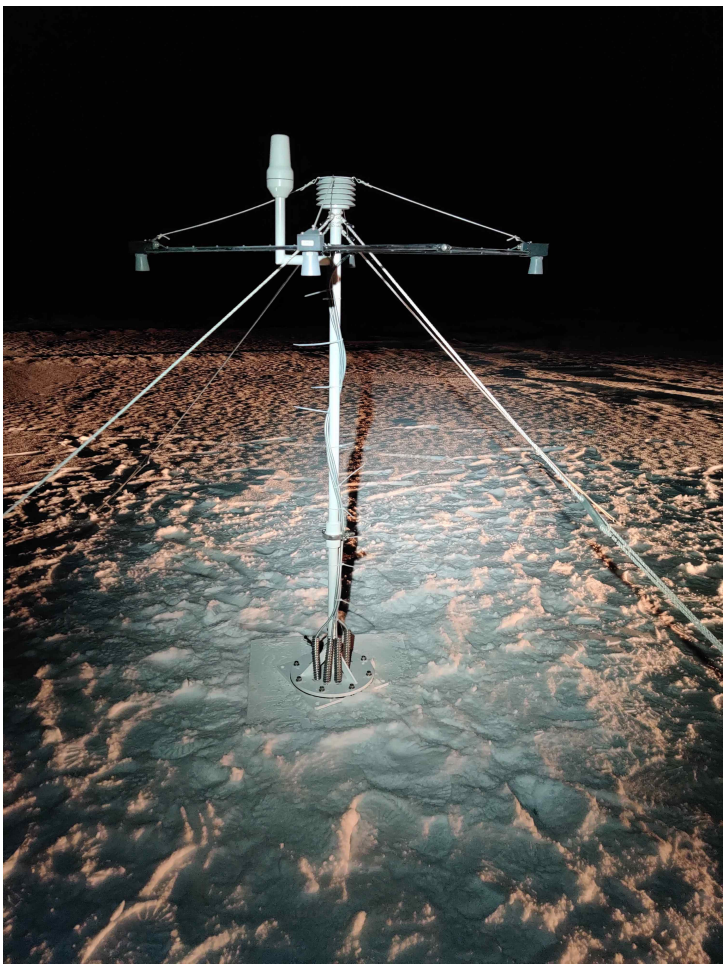

Photo credits: Paul Ockenfuß

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

contact email: neumayer-met@awi.de

Platelet Ice Thickness: 1,07 m (same as Ice thickness)

Snow thickness under sensors [m]: (3 measurements per sensor)
Sensor 1: 1,49; 1,48;1,49 (1,515)
Sensor 2: 1,48; 1,48; (1,516)
Sensor 3: 1,53; 1,535 (1,565)
Sensor 4: 1,54, 1,525, (1,555)
The values in brackets denote the height over the ice surface, measured from the edge of the black sensor case.
Values without brackets refer to the snow surface.