

## Buoy information

*Buoy name:* 2018S82  
*IMEI:* 300234066344820  
*WMO number:* 4802517  
*Buoy type:* Snow Buoy

## Deployment information

*Date and Time (UTC):* 19.08.2018 21:40  
*Position (Lat/Lon):* 79.06500/-164.47900  
*Region:* Chukchi Sea  
*Contact:*

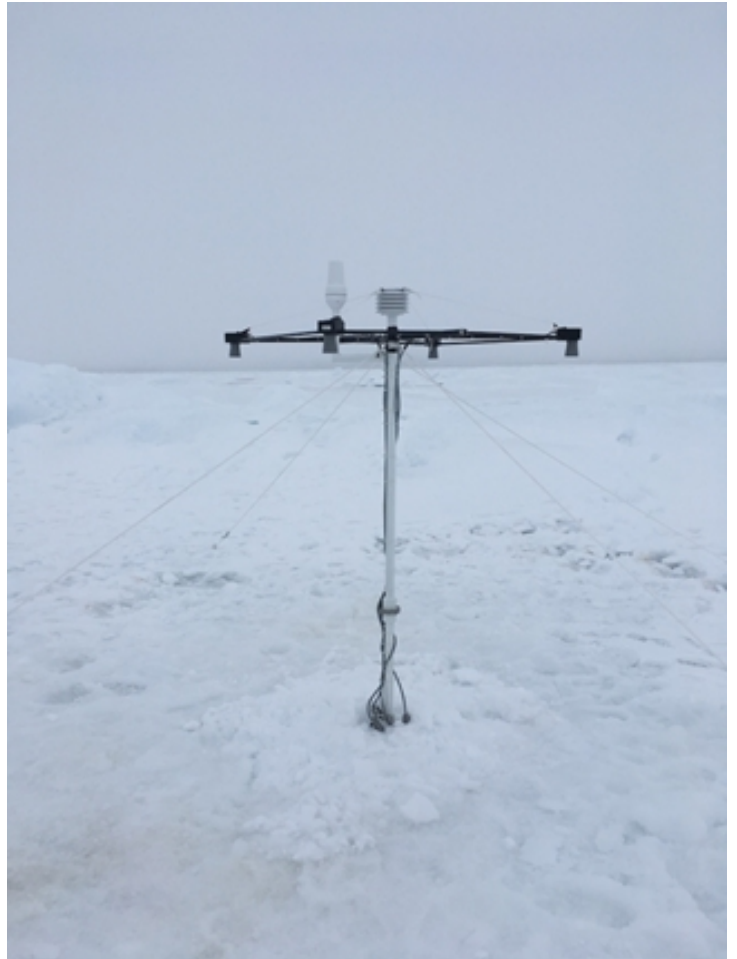
Julienne Stroeve (NSIDC)  
*Expedition name:* RV Araon 2018  
*Means of deployment:* Helicopter

## Snow and ice conditions

*Snow depth:* 0.08 m  
*Ice thickness:* 2.1 m  
*Ice freeboard:* 0.11 m  
*Ice types:*  
FYI (First Year Ice)

## Buoy-specific parameters

*Temp correction:* off  
*Initial sh1:* 0.06 m  
*Initial sh2:* 0.07 m  
*Initial sh3:* 0.05 m  
*Initial sh4:* 0.12 m



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

Floe description: several km, 0-10% ridges of 0.5 to 1m height, deployment near ridge and also a melt pond. Ice outside of the ridge area tended to be less than 1m thick. Co-deployed with 2018R6 (IMB 072) and IMB 069 (KOPRI). Bio-Optic buoy is deployed behind the ridge.

FYI, water saturated, 1m deep 10" auger hole quickly filled with water. All sites tested for deployment had the same issue but were in thinner ice. Buoy deployed near ridge to secure the thickest ice. Buoy within 100m from the melt pond buoy.