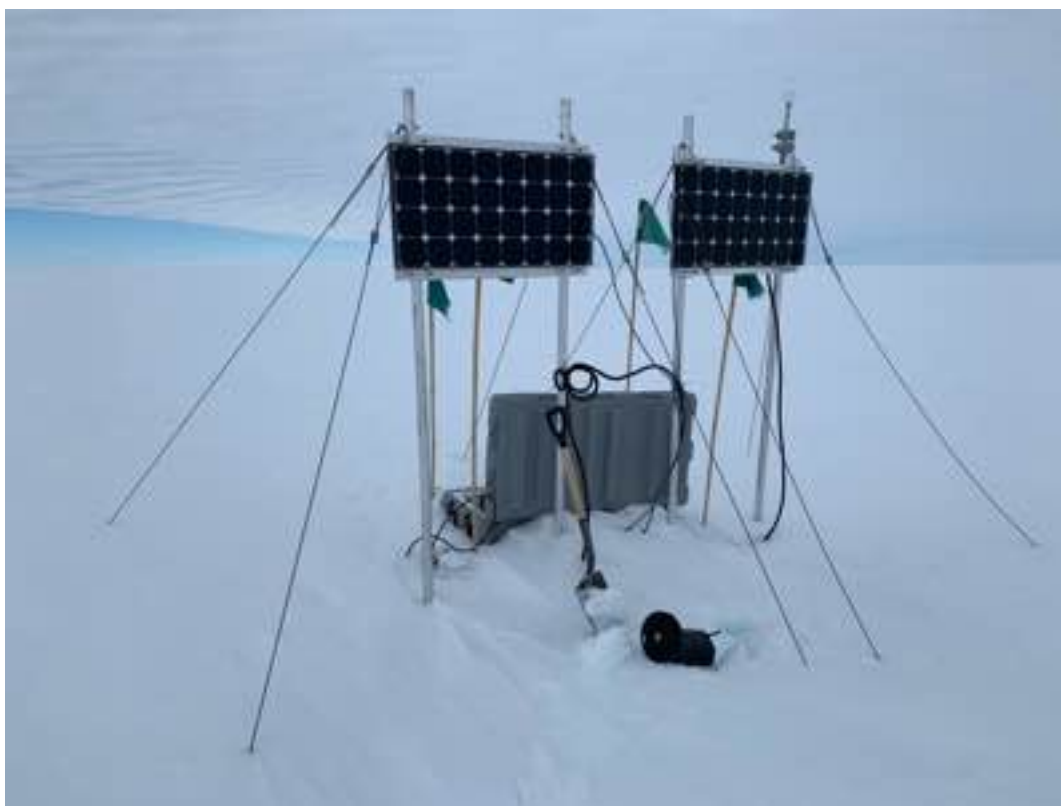


SALSA Field Report: 29 Dec 2018. Compiled by Matt Siegfried.

SALSA Geophysics/SALSA EM, Location: Mercer Subglacial Lake

- Flat light in the morning meant we'd have to change plans a bit as we'd be moving slower on snow machines due to difficulty following the SALSA Traverse route. Instead of servicing three year-round GPS and laying out 11 temporary stations, we'd service the two close year-round GPS and only lay out the first four temporary sites.
- Chloe, Matt, and Meghan successfully executed the GPS work as planned, including finding a wind turbine that had sheared off one of the year-round GPS sites. The winds must have kicked up pretty high over the winter since Matt has only found a sheared turbine once before in his now seven years of experience servicing these GPS stations.
- Kerry continued working on packaging up our gear for return to McMurdo on the flight planned for tomorrow. The rest of the team joined him in his effort after their shorter day. Kerry also calibrated the pre-amplifiers for the MT instruments.



Continuous GPS station LA09 with a sheared wind turbine on the ground. This station, which was installed here in late 2007, telemeters data back to the States and is the how we found out the lake was draining. This machine deserves a gold star!