

Ops 2/4

Today was clear and warmer, with a daytime high just above freezing and a bit more haze than the past few days. Winds were very calm all day and based on the afternoon sounding were calm into the free atmosphere above the BL.

John and I spent the first part of the day doing some outreach with a local high school science class, discussing the CFACT project and giving a tour of the Upper Provo site. John potentially set up another outreach opportunity for next Friday where he would give some middle school students a tour of the Deer Creek Super Site and ISS trailers.

Throughout the day there continued to be no issues with ISFS sensors, so I decided to take full Leica measurements of the DCS towers. I took 4 measurements per sonic (7, 17, 32, 1, 2, 3m) and 1 measurement per TRH (7, 17, 32, 1, 2, 3m), in addition to 4 GPS positions and one trailer point for reference. The entire process of 35 measurements and setup took a little over 2 hours.

Jacque pointed out in a blog post that the data from the sonic at LC is rather sporadic, a trend that I've been monitoring myself. It seems to be happening overnight, so I suspect it's an icing/moisture issue - $l_{diag} = 1$ during most (all?) of these periods. We will likely pay a visit to the site to collect a soil sample and measure the boom angle by GPS in the next couple of days, so we will assess the sonic at that time as well.

Today the PI's announced there will be no IOP's for the next 48 hours and no science meeting tomorrow, making it a hard down day.