

15 May 2022

The final day of the SWEX campaign was another warm day. There were some upper level clouds that built up during the morning but those mostly disappeared during the afternoon.

Lou and Liz went to Sedgwick to prepare for teardown, and dismantled the acoustic surrounds on the RASS. The wind lidar data transfers are going more smoothly, and Isabel reports that she managed to fill in the gaps of data that had failed to transfer. She also regenerated the cfRadial, VAD and consensus products so the lidar data on the DM should be complete.

I had a quiet day, mostly catching up on documentation. I did run another range calibration test on the Modular Profiler. The delay line and patch were on the channel 2 antenna from 0028 UTC for around 20 minutes (May 16 UT time). The peak was still at 3km as it should be. The power drawn by the final amp remains stable, drawing 3.28 A on the 50V supply and 1.77A on the 31V supply. The profiler, like most of the other ISS systems, has been stable and performed well throughout the campaign.

Thank you to all involved for keeping all three ISS systems running so smoothly. Teardown will start tomorrow morning, beginning at the ISS1 site.

