

# 20 October Daily Report (Sunday)

Daily report for Sunday October 20

Weather: Sunny. Calm. Mild breeze around sunrise. IOP last night, ending with 10am sounding.

Profiler power: 0.141mW

Soundings: Last night (LT) 4pm, 7pm, 10pm, 1am, 4am, 7am, 10am. All successful.

Problems and interesting events:

Comparing ISS-site and ISFS-site surface winds, both had a direction shift around 0130 UT (from about northerly to about southerly). However, following that shift the ISFS site wind speed dropped to very light (1-2 m/s) and the ISS-site speed accelerated to about 5m/s. Perhaps related, Nihanth noted in the lidar data that the incident wind was splitting around the crater rim.

- Nagios lights red for:
- NP time "Unknown"
- Disk space: fs\_/scr says "WARN - 86.6% used (2383.28 of 2750.7 GB), (levels at 80.0/90.0%), trend: +89.64GB / 24 hours"
- (The lidar warnings are gone. Nihanth explained that during IOP's he changes to scans that do not include lidar-dbs or lidar-los.)

SODAR site: solar trailer battery at 91%; . Sodar chirping.

All sensors appear to be operating well.