

LBT Observing Log for 2023 May 17/18

C19 Observer: Andrew Cardwell (From obs1, x2go session 51)

Partner Observer(s): Rick Pogge (OSU, remote)

Telescope Operator: Josh Williams

Plan:

Observed and completed:

N/A

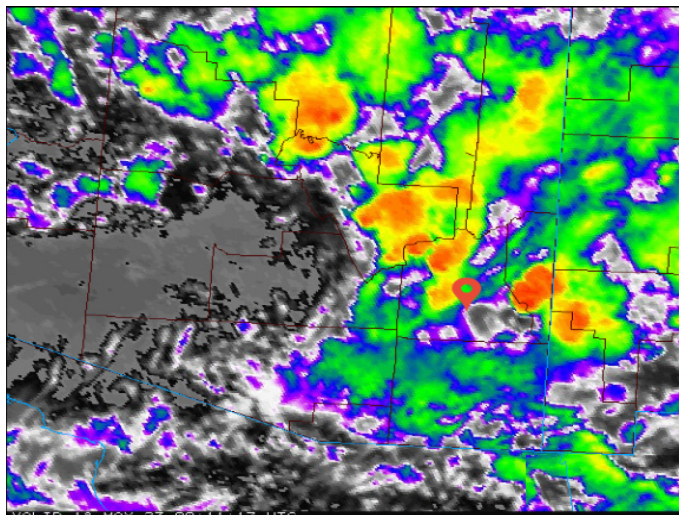
Summary:

Bad weather all night: rain, clouds, high humidity, so never opened. Unlike last night could have the telescope at zenith so ran through LUCI dark calibrations for OSURC and other partners since the LUCI has been very dark for a few days so ideal conditions.

Issues:

Overview (times are given in UT):

00:25 The telescope is at zenith and the troughs have been retracted, however this seems likely to change as it is raining again on the summit. 84.5% humidity. The satellite animation does not look promising.



00:44 Bringing up LUCI. Init all on both sides. Enclosure is dark, taking **darks** for **UM_Nova23A**. It looks like LUCI hasn't been touched since I put the blind masks in on 20230516UT. Perfect!

01:04 LUCI **Darks** for **OSU_XMDs_LUCI**.

01:07 91.5% humidity and rising.

01:25 100% humidity.

02:13 100% humidity. Taking LUCI **Darks** for **UVa_BCD_LUCI**.

02:18 Sunset.

03:13 12 degree twilight.

03:21 Taking LUCI **darks** for **UVa_nirjets_AO**. Camera wheel error on LUCI1.

03:24 Recovered, taking darks.

03:47 Taking LUCI darks for AZ-2023A-011.

03:48 18 degree twilight.

04:42 Taking LUCI darks for AZ-2023A-014.

04:44 67% humidity. We have a sucker hole. Josh is checking the building to see if it has dried off.

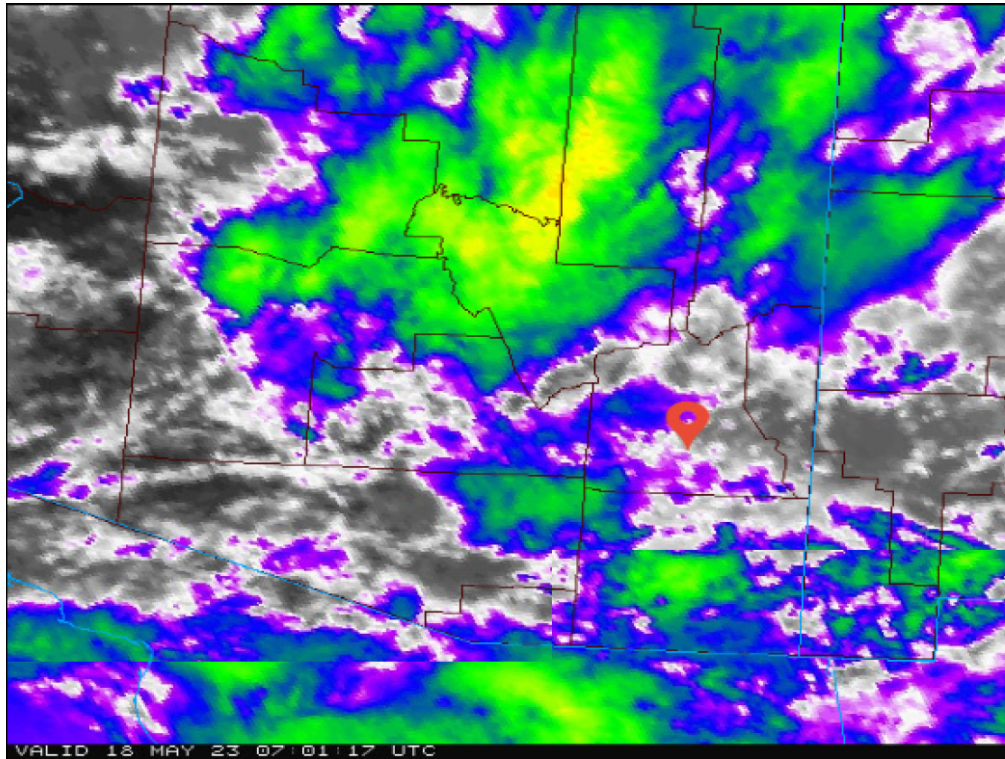
04:59 The building is still dripping, and the clouds appear to be returning. Calibrations continue.

05:11 LUCI darks for INAF Bisogni_28. Bino. luci[1|2].20230518.0096 onwards.

05:43 LUCI darks for INAF Giannini_8.

06:29 LUCI darks for INAF Grazian_19. Fully clouded out again, humidity is rising.

07:14 LUCI darks for INAF LaForgia_29. Fully clouded out, the satellite animation gives no sign of hope.



07:43 93% humidity and rising.

07:48 98% humidity. LUCI darks for INAF Piconcelli_10, Dark_Telluric_fraternal.xml

08:38 99% humidity. LUCI darks for INAF Piconcelli_10,Dark_0220+0137_fraternal.xml

09:25 LUCI darks for INAF Piconcelli_18, Dark_J0947_fraternal.xml

10:02 95% humidity.

10:09 99% humidity. LUCI darks for INAF Piconcelli_18, Dark_J1025_fraternal.xml

10:43 18 degree twilight.

11:06 LUCI darks for INAF Piconcelli_18, Dark_Telluric_fraternal.xml.

11:18 12 degree twilight.

12:13 Sunrise.