

LBT Observing Log for 2024 05 17 UT

Observers: Andrew Cardwell

Partner Observer: Mark Whittle (UVa), Yifan Zhou (UVa)

Telescope Operator: Steve Allanson

Plan:

Preliminary decision by iLocator team (Jonathan Crass) is to take the second half.

Our primary aim is to get UM_TCrB, which requires about 2 hours, but we can't start until about 1.5 hours after twilight, so our plan is:

ND_PlanetHosts for ~1.5 hours,

HD134807; HR5501; TCrB

Then maybe hand over to iLocator.

Summary:

No observations for OSURC programs.

Clouds until UT 7:00 (local midnight). Finally, open the dome to find good (0.9") seeing, so handed over to iLocator for the second half.

Issues:

Weather:

Clouds until midnight.

Cleared, but handed over to iLocator.

Overview (times are given in UT):

00:20 Conditions are cloudy, humidity is at 68%. Bringing up MODS to run some cals.

00:21 Waking mods, running simSnap.

01:08 Completing the MODS cals started yesterday. Picking things up at 2.4" slit flats.

02:00 Still cloudy.

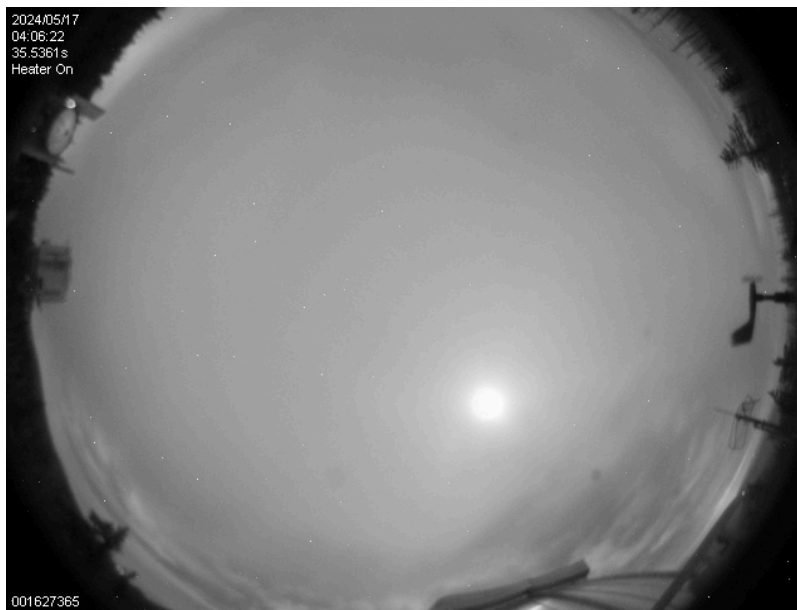
02:17 **Sunset.** Remaining closed due to nearby precipitation.

03:09 Cloud has thickened, running mods biases.

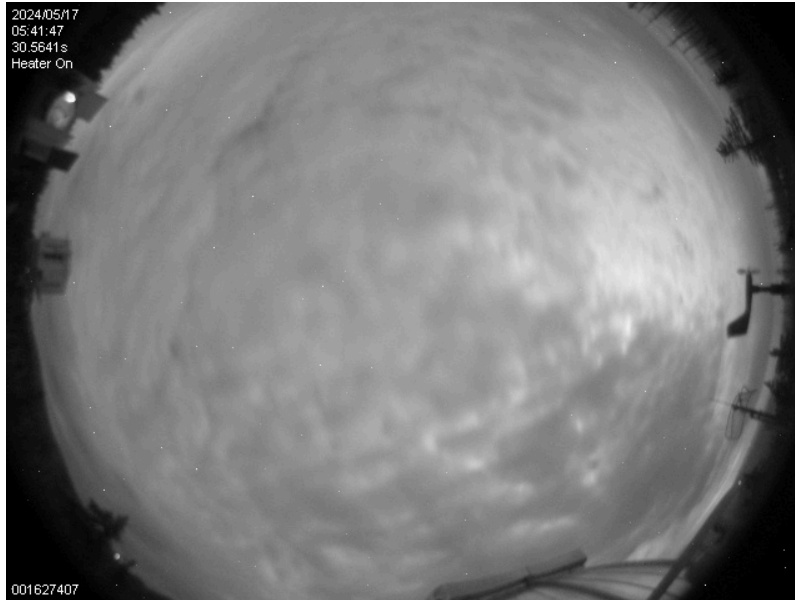
03:12 **12 degree twilight.**

03:47 **18 degree twilight.**

04:10 Cloud appears to be thicker...



05:46 No improvement.



07:02 The clouds appear to be clearing, opening.

07:09 DIMM reports 0.85". Switching to iLocator+SVis. Switching to the [AO Log](#).

10:45 **18 degree twilight.** Putting MODs to sleep.

11:20 **12 degree twilight.**

12:14 **Sunrise.**