

# LBT Observing Log for 2023 May 18/19

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:

Whole night was lost to monsoon-like weather conditions: overcast, high humidity, and rain during the first half, then overcast and humid (but below limits) the rest of the night.

## Issues:

## Overview (times are given in UT):

01:25 Fully clouded out, the satellite animation gives little hope for change. 80% humidity.

01:30 90% humidity and rising.

01:41 99% humidity.

02:19 Sunset.

02:47 Taking LUCI darks,  
/home/inaf/ScienceRuns/lbtobs/2022/LUCI/Piconcelli\_10/cal/dark\_J1359+0525.xml

03:14 12 degree twilight.

03:34 LUCI darks. /home/inaf/ScienceRuns/lbtobs/2022/LUCI/Giannini\_8/cal/dark\_BINO.xml

03:49 18 degree twilight.

04:32 78% humidity, 100% cloudy, wet. LUCI darks,  
/home/inaf/ScienceRuns/lbtobs/2022/LUCI/Palazzi\_38/calib/dark\_bino.xml

05:54 75% humidity, but conditions otherwise unchanged. LUCI darks,  
/home/inaf/ScienceRuns/lbtobs/2022/LUCI/Rossi\_DDT-01/GRB221009A/calib/dark\_bino.xml

06:02 LUCI Darks. /home/inaf/ScienceRuns/lbtobs/2022/LUCI/Gilli\_AO/cal/dark\_LUCI2.xml

06:07 LUCI Darks.  
/home/inaf/ScienceRuns/lbtobs/2022/LUCI/Severgnini\_AO/cal/dark\_LUCI2.xml

06:46 LUCI darks,  
/home/inaf/ScienceRuns/lbtobs/2022/LUCI/Caratti\_DDT\_3/cal/Dark\_LUCI2.xml

08:02 LUCI flats and arcs for AZ-2023A-011. Camera wheel error on luci1.

08:11 The camera wheel was in its negative limit. I moved it by 100 steps, then sent it to position from the camera wheel gui.

09:04 LUCI flats and arcs for AZ-2023A-014.

10:13 LUCI calibrations complete, LUCIs safed.

10:28 **We are calling the night.**

10:44 18 degree twilight.

11:19 12 degree twilight.

12:15 Sunrise.