

LBT Observing Log: 2025 Nov 18 UT

Observers: Jon Rees

Partner Observer: Marshall Johnson

Telescope Operator: Riccardo Ansaldi

Plan:

If we open, we will start with Pepsi POL for the polarimetry programs.

Summary:

No on-sky operations due to ice on the dome. Night was officially called at 22:46UT.

Completed remaining LUCI calibrations for UM_XMD and UVa_nirjets programs. All LUCI cals now complete.

The remainder of the night was used by LBTO AO staff for engineering tests.

Issues:

Weather:

High humidity, freezing temperatures throughout the day. Rime ice continues to be present on the dome with no opportunity to thaw throughout the day. Ice will prevent operations tonight

Overview:

22:46 UT OSA confirms rime ice is still present on the telescope enclosure and building. We will not be able to open tonight.

23:09 UT Init LUCI. We'll set up for calibrations at least.

Calibrations

UM_XMD

23:15 UT Starting 10x600s darks. Filenames LUCI[12].20251118.0002 - 0011

01:34 UT Starting zJspec arcs/flats. LUCI[12].20251118.0022 - 0039

UVa_Nirjets

01:01 UT Starting darks LUCI[12].20251118.0012 - 0021

Engineering - AO tests

02:09 UT setting up for LUCI AO testing.

04:35 UT LUCI1 failed to move to the N30 camera, Dave came on to troubleshoot. Ended up moving camera stage +10 six times until hiramio switches were correct, then reinitialised LUCI1.

11:29 UT Doug is all done with AO tests. LUCI safed. Doug is shutting down AO and moving ARGOS cal arms.