

# Night Log for UT 20230502

## [PEPSI Log](#)

Partner observers: Donald Terndrup, OSU

Service Observer: Andrew Cardwell

Telescope Operator: Josh Williams

### Plan:

PEPSI targets all night

### Summary:

Most of the night was lost to poor weather.

### Issues:

None except weather

### Overview:

(times are given in UT)

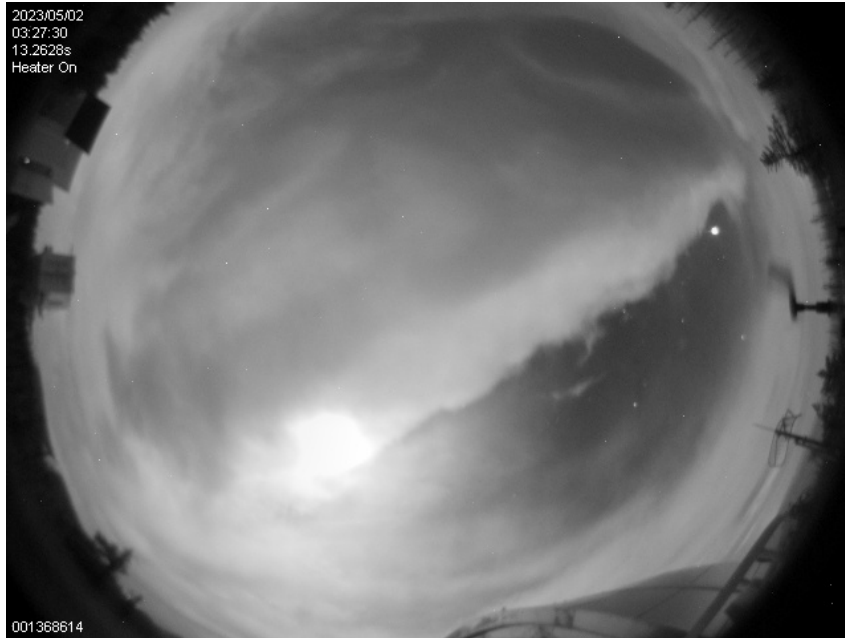
01:09 Starting PEPSI calibrations. Conditions are cloudy.

01:15 Running LUCI darks for UVa\_BCD\_LUCI.

02:07 Sunset Remaining closed due to heavy clouds.

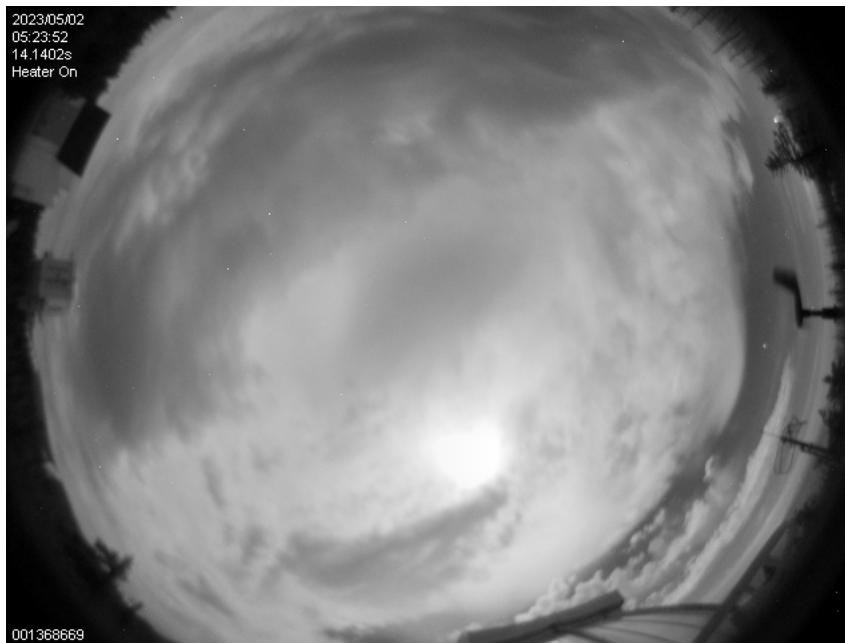
02:59 12 degree twilight.

03:31 No change in conditions.

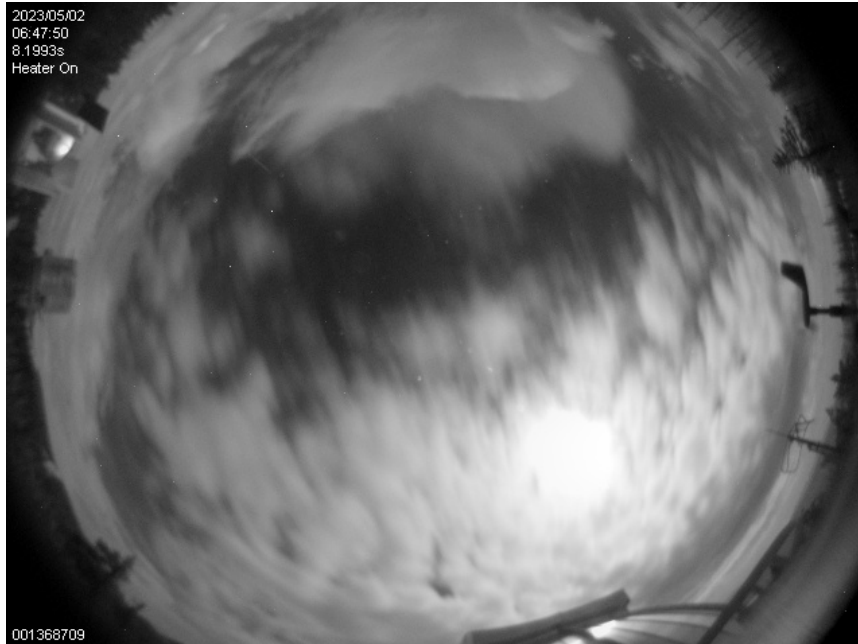


03:32 18 degree twilight.

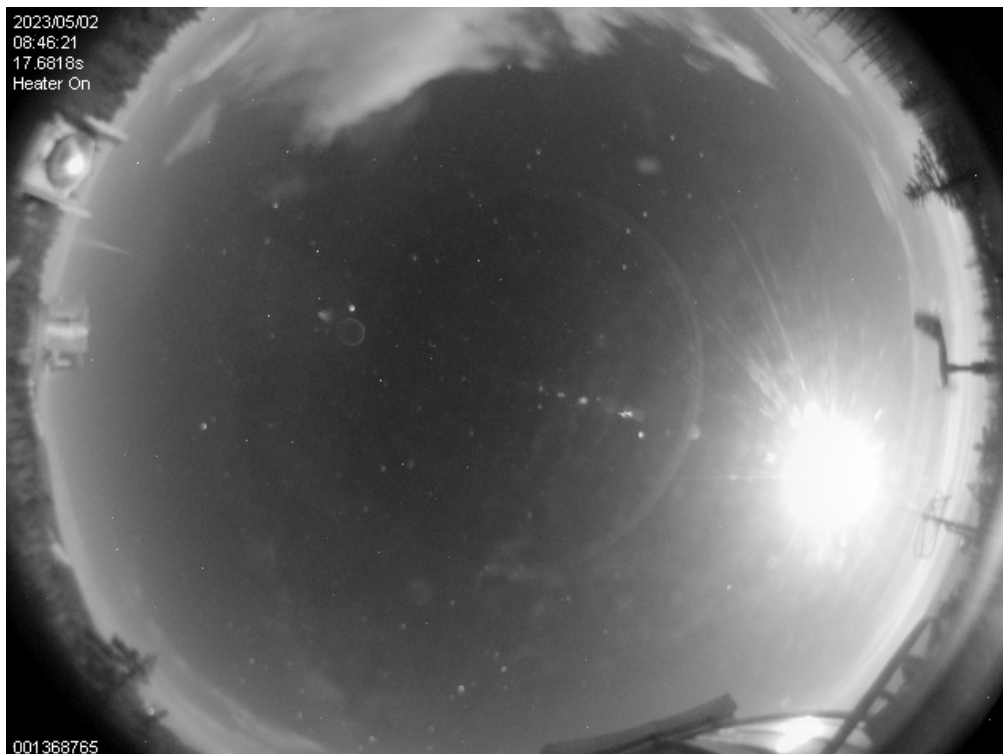
05:26 Still cloudy.



06:51 We've had a few sucker holes, but it's not clear enough to open yet. The satellite animation does give some cause for optimism later in the night.



08:49 Things are looking improved, if not perfect. We can open.



08:53 Enclosure open. Proceeding with pointing correction and initial collimation.

09:14 Preset to **TIC123098844**.

09:17 Starting science.

09:21 Increasing exp time to 12 mins on both sides. We have a band of thin clouds coming in. DIMM reports 1.4".

09:31 S/N of 152 in the red and 64 in the blue. Preset to **TIC89278612**. Using double exposure times.

09:33 Starting science.

09:51 S/N of 188 in red and 92 in blue. Preset to **TIC278352276**. Wind is trending up, but is not yet an issue.

09:53 starting science. Exp time increased to 8 mins.

10:03 S/N of 199 in red and 83 in blue. Preset to **TIC322727163**.

10:04 Starting science. Exp time increased to 14 mins.

10:20 S/N of 186 in red and 77 in blue. Clouds are coming back in . Preset to **TIC375325607**.

10:22 Starting science. DIMM reports 1.5".

10:36 Guiding lost on DX.

10:40 Sending DX only preset.

10:44 DX guiding restored.

10:55 Guiding lost on both sides, closing up.

11:02 18 degree twilight.

11:34 12 degree twilight.

12:27 Sunrise.