

LBT Observing Log: 2026 May 06 UT

Observers: Justin Rupert
Partner Observer: Peter Garnavich
Telescope Operator: Steve Allanson

Plan:

We'll start with PEPSI.

OSU_PETS/wasp189 could not do even 3 hours
UM_HR5501 - telluric for TCrB opened too late
UM_TCrB - could not do telluric, so did not try target
OSU_EBRV/V380_Dra 8:45 UT opened too late

UVa_Multistar/HIP96306 RV standard for TIC89278612 done
UVa_Multistar/TIC89278612 after 2:30 MST done
UVa_Multistar/TIC278352276 after 2:30 MST done
OSU_PANTERA/1615356205256881920 done
OSU_MWAbundDisp/2MJ1723+5624 done

Summary:

UVa

Multistar

[Hip 96306 \(UT 10:29-10:33\)](#)

[TIC 89278612 \(UT 10:33-10:43\)](#)

[TIC 278352276 \(UT 10:43-\)](#)

OSU

Pantera

[GDR3 1615356205256881920 \(UT 10:50-11:31\)](#)

MWAbund

[2MASS J17233309+5624181 \(UT 11:31-11:41\)](#)

PEPSI Log:

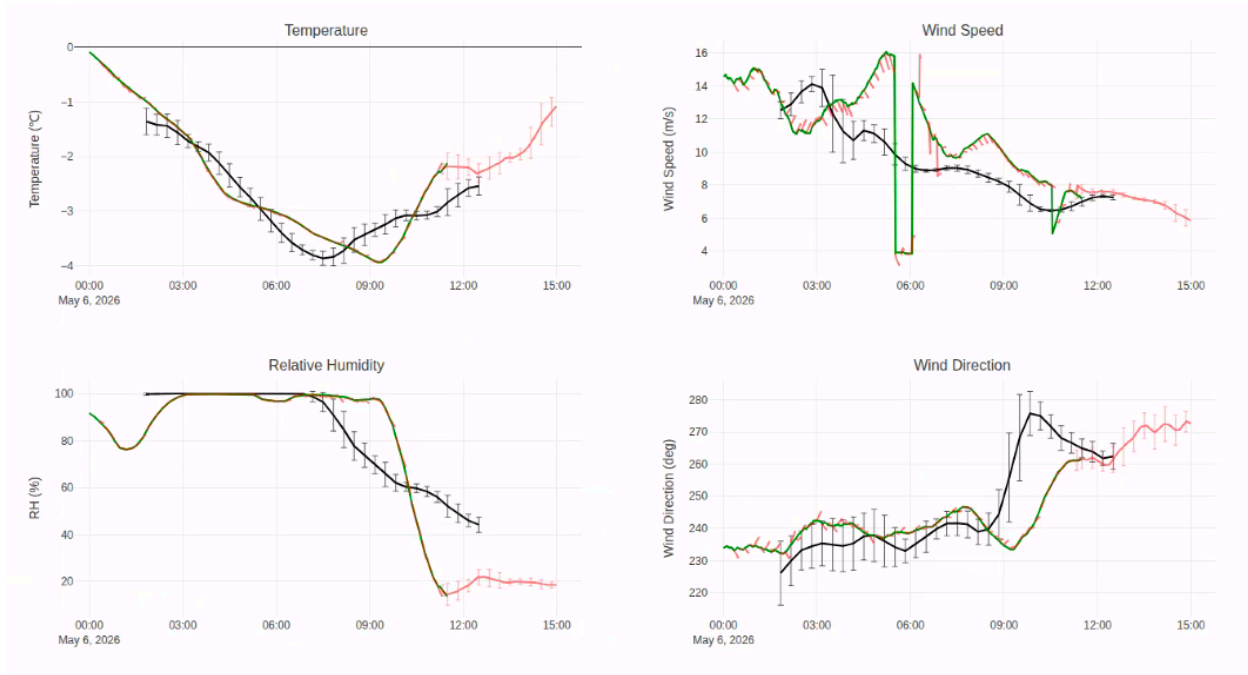
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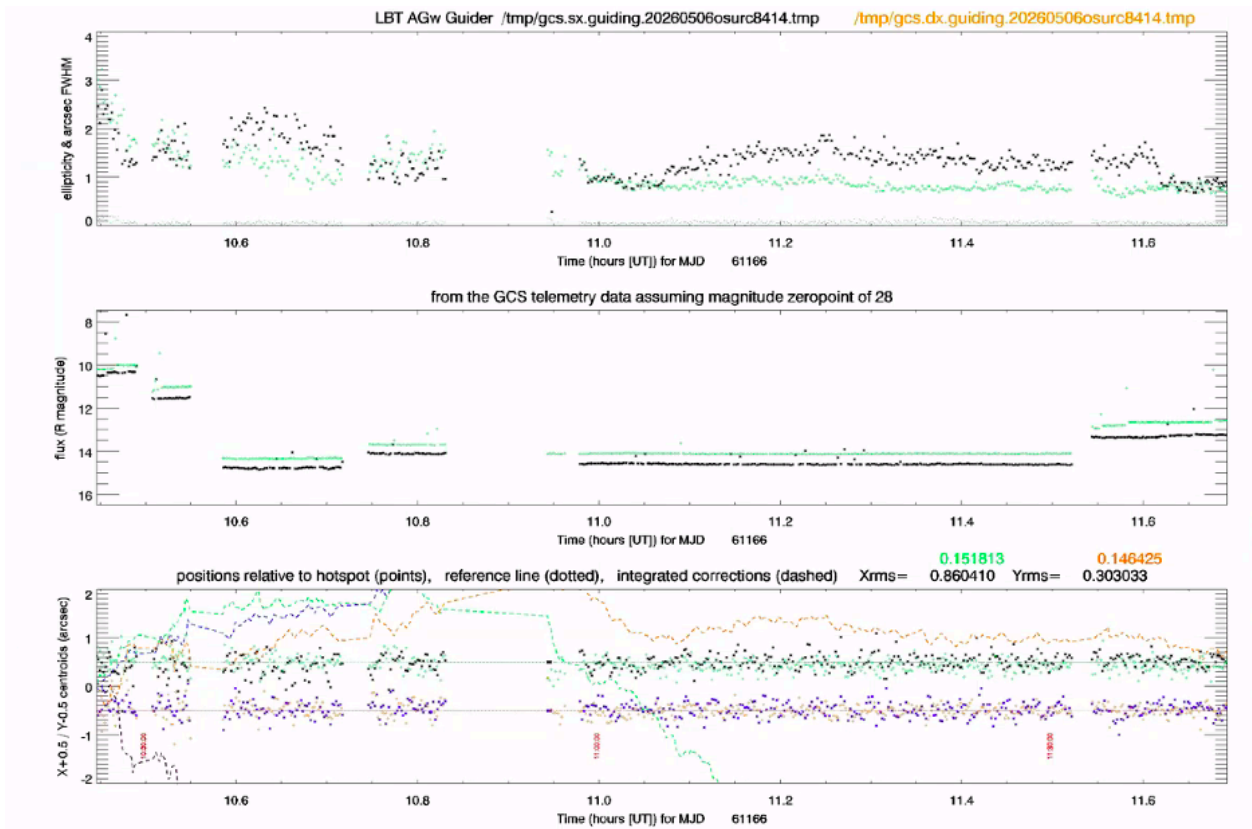
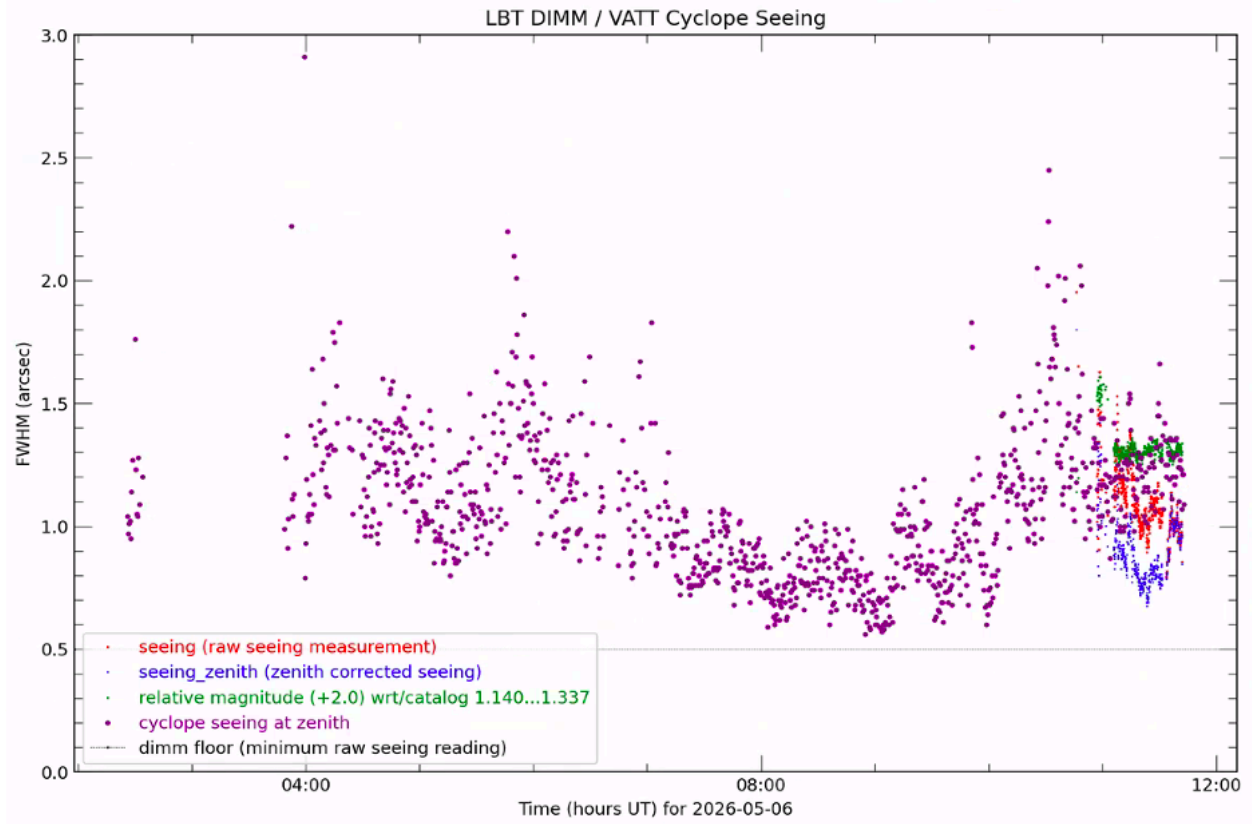
Issues:

MODS1 ir laser didn't turn on during the Wake script.

Weather:

High humidity until 10 UT. Clouds, high winds, and high particle counts were factors early on as well.





Overview:

01:03 UT Initializing LUCIs.

01:07 UT of Issue Waking MODS1. Irlaser wouldn't turn on. Retried. Still no. Aborted and re-ran Wake script. It turned on.

01:15 UT Running simSnap.

02:01 UT Remaining closed at sunset for clouds, humidity, high wind gusts, and high particle counts.

02:35 UT We're in fog now. 99% humidity.

09:54 UT Humidity is trending down now.

10:14 UT Opening.

10:19 UT Putting MODS1 to sleep.

10:22 UT Pointing check.

10:26 UT Collimation check.

UVa

Multistar

Hip 96306 (UT 10:29-10:33)

10:29 UT Preset.

10:30 UT Starting science. Seeing is 1.96" on SX guider, 1.93" on DX guider, 2.45" on cyclope. Clear skies.

10:33 UT SNR: CD3 202, CD6 246.

TIC 89278612 (UT 10:33-10:43)

10:33 UT Preset.

10:35 UT Starting science. Clear skies.

10:39 UT SNR: CD3 92, CD6 104. Seeing is 2.03" on SX guider, 1.37" on DX guider, 1.16" on cyclope.

10:43 UT SNR: CD3 98, CD6 111.

TIC 278352276 (UT 10:43-)

10:43 UT Preset.

10:45 UT Starting science. Clear skies.

10:47 UT SNR: CD3 98, CD6 114. Seeing is 1.30" on SX guider, 1.26" on DX guider, 1.53" on cyclope.

10:50 UT SNR: CD3 99, CD6 115.

OSU

Pantera

GDR3 1615356205256881920 (UT 10:50-11:31)

10:50 UT Preset. AZ unwrap.

10:56 UT 18-degree twilight

10:57 UT SX grabbed the reflection. Steve is nudging.

10:58 UT Resending preset.

10:59 UT Starting science. Clear skies. Increased exptime to 524s (CD3/5) and 1323 (CD2/4).

11:10 UT CD3 143, CD5 74.

11:25 UT Seeing is 1.39" on SX guider, 0.77" on DX guider, 0.84" on DIMM.

11:29 UT 12-degree twilight

11:31 UT SNR: CD2 72, CD4 148.

MWAbund

2MASS J17233309+5624181 (UT 11:31-11:41)

11:31 UT Preset.

11:33 UT Starting science. Clear skies.

11:40 UT Seeing is 0.89" on SX guider, 0.80" on DX guide, 1.00" on DIMM.

11:41 UT SNR: CD2 191, CD4 404. Closing. Running PEPSI cals.