

LBT Observing Log: 2026 May 04 UT

Observers: Justin Rupert
Partner Observer: Tawny Sit
Telescope Operator: Gil Esquerdo

Plan:

PEPSIs all night.

OSU_NGC2420/865401417263724160
OSU_PANTERA/1122879483978242304
OSU_PANTERA/1041131584727024128
UM_TCrB/HR5501_a
OSU_PANTERA/3825993705211972864
UM_TCrB/TCrB_a

Summary:

OSU

NGC2420

GDR3 865401417263724160 (UT 03:25-03:55)

Pantera

GDR3 1122879483978242304 (UT 03:55-04:26)

GDR3 1041131584727024128 (UT 04:26-04:40)

UM

TCrB

HR 5501 (UT 04:40-05:12)

OSU

Pantera

GDR3 3825993705211972864 (UT 05:12-05:49)

PEPSI Log:

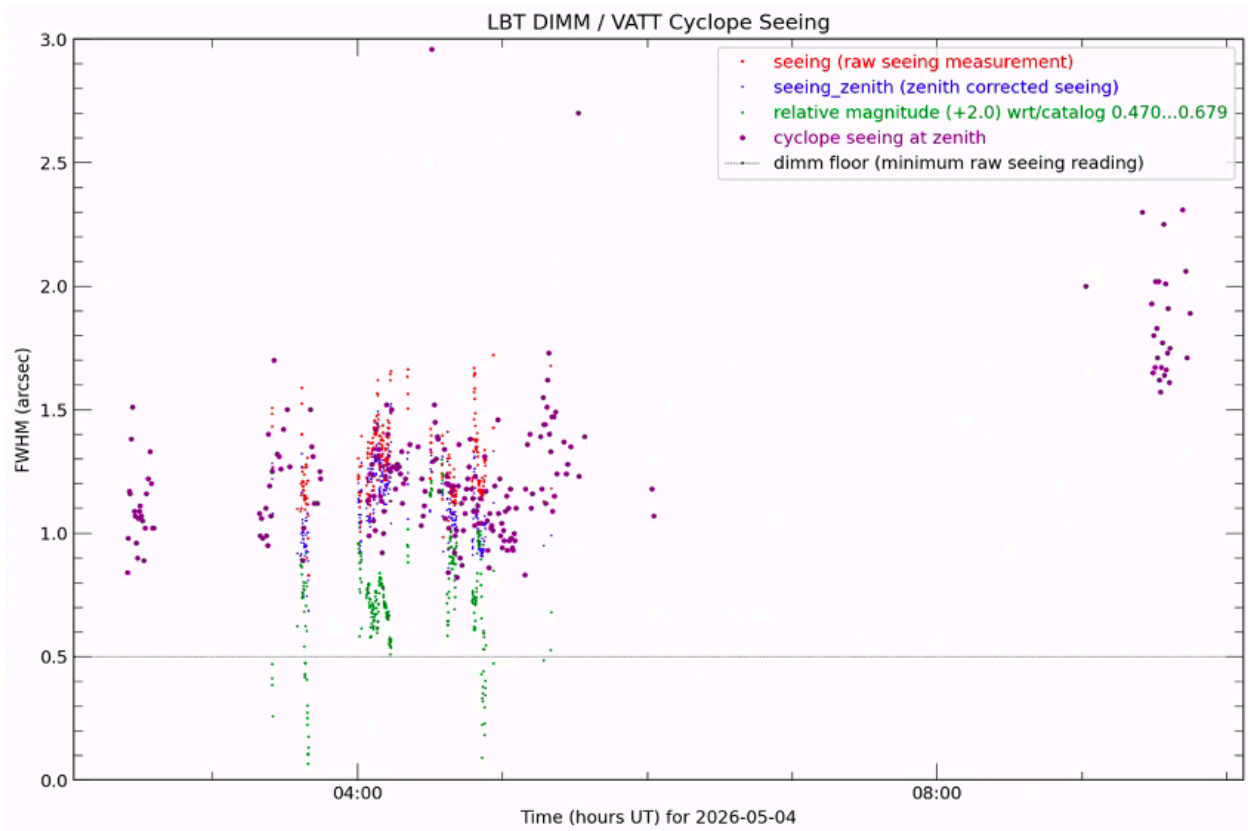
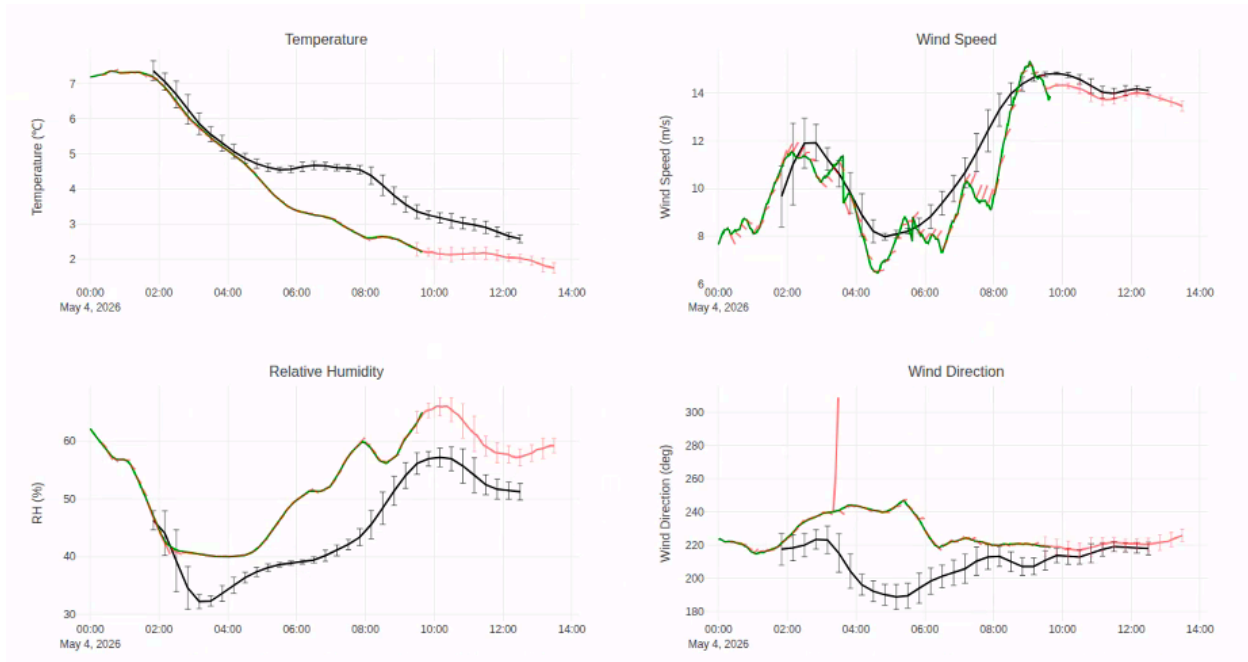
<https://drive.google.com/file/d/1v9siQ2Ou8rjcG8dGGRLPuThwvAfESjY/view?usp=sharing>

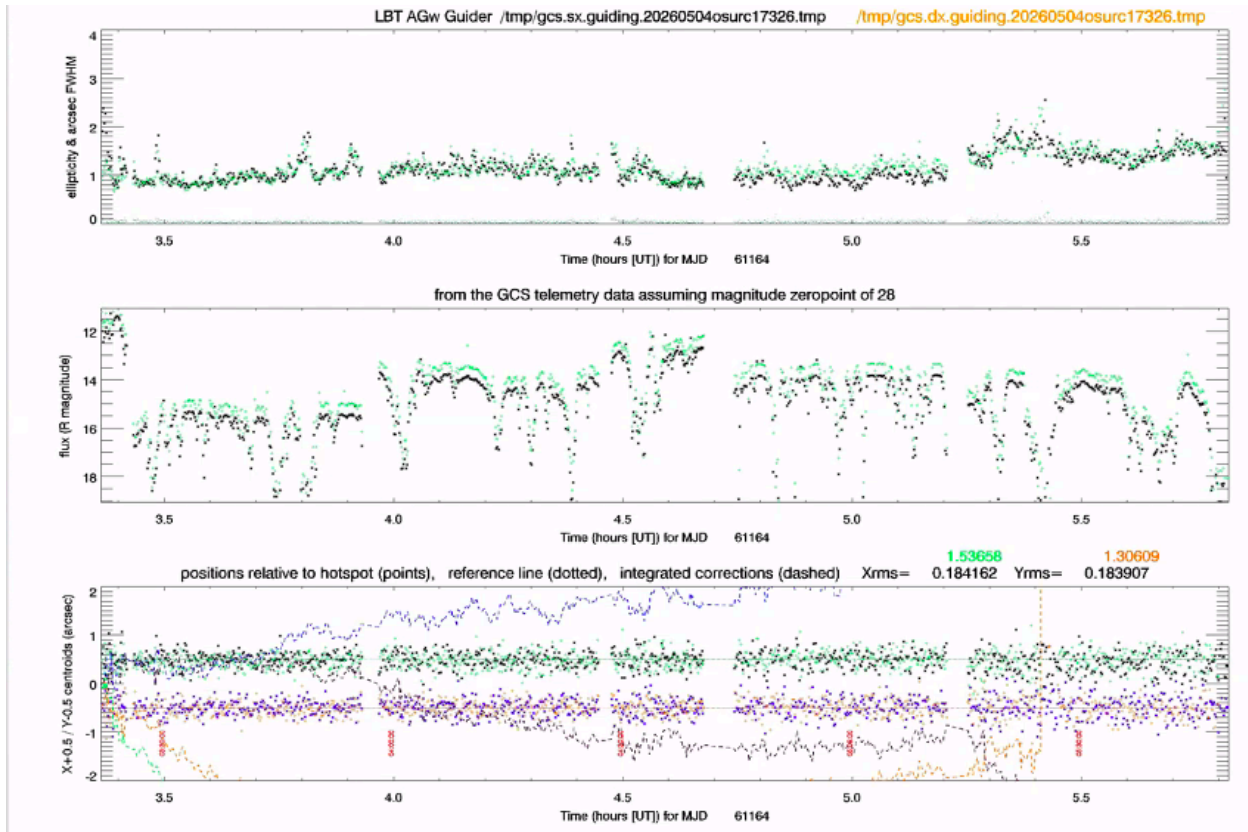
Issues:

None!

Weather:

Clouds were once again the limiting factor. They shut us down around 6UT and we did not open again.





Overview:

02:01 UT Remaining closed at sunset for clouds and nearby precipitation.

03:01 UT 12-degree twilight

03:07 UT We're going to try observing. Patchy clouds passing through.

03:16 UT Pointing check.

03:21 UT Collimation check.

OSU

NGC2420

GDR3 865401417263724160 (UT 03:25-03:55)

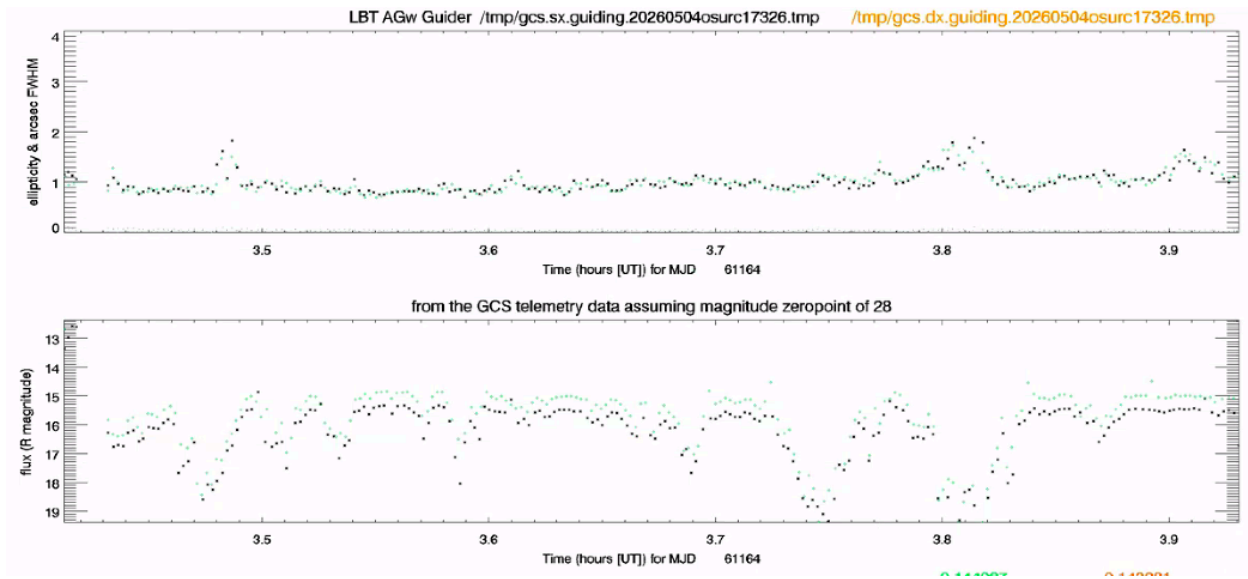
03:25 UT Preset.

03:28 UT Starting science. Seeing is 0.94" on SX guider, 0.91" on DX guider. Patchy clouds.

03:34 UT 18-degree twilight

03:47 UT Adding five minutes to compensate for clouds.

03:55 UT SNR: CD1 65, CD5 159.



Pantera

GDR3 112287948397842304 (UT 03:55-04:26)

03:55 UT Preset.

03:59 UT Starting science. Seeing is 1.03" on SX guider, 1.06" on DX guider. Patchy clouds. Increased exptime to 216s (CD3/5) and 473s (CD2/4).

04:05 UT SNR: CD3 46, CD5 40. Will repeat that pair. Increasing CD2/4 exptime to 953s.

04:14 UT Adjustment to the CD4 exptiem didn't go through. SNR is still 111.

04:20 UT SNR of CD2 = 86. Repeating CD3/5.

04:26 UT SNR: CD3 53, CD5 51.

GDR3 1041131584727024128 (UT 04:26-04:40)

04:26 UT Preset.

04:29 UT Starting science. Patchy clouds. Increased exptime to 174s (CD3/5) and 355s (CD2/4).

04:33 UT SNR: CD3 65, CD5 103.

04:37 UT Seeing is 0.89" on SX guider, 0.90" on DX guider.

04:40 UT SNR: CD2 70, CD4 146.

UM

TCrb

HR 5501 (UT 04:40-05:12)

04:40 UT Preset.

04:45 UT Starting science. Patchy clouds.

04:59 UT SNR: CD2 684, CD4 892. Seeing is 0.92" on SX guider, 1.07" on DX guider. Thicker clouds are on the way.

05:04 UT SNR: CD3 864, CD5 930.

05:12 UT SNR: CD1 402, CD6 764.

OSU

Pantera

~~GDR3 3825993705211972864 (UT 05:12-05:49)~~

05:12 UT Preset.

05:15 UT Starting science. Patchy clouds. Thicker stuff still on the way. Increased exptime to 452s (CD3/5) and 1002s (CD2/4).

05:24 UT SNR: CD3 49, CD5 86. Losing the target in the guiders now.

05:26 UT Lost it on DX. Resending preset on that side.

05:41 UT SNR: CD2 49, CD4 94. Will repeat this as well.

05:47 UT We'll be below EL limits before we finish the second CD pair. We'll take it as far as e can go. Starting to lose the target to clouds again.

05:49 UT Reading out after seven minutes, five seconds. Clouds are overtaking us.

05:50 UT SNR: CD3 45, CD5 67.

05:51 UT Closing.

09:15 UT Running PEPSI cals.

10:02 UT Calling the night.