
Mauna Loa Solar Observatory Observer's Log

Thu Apr 02 19:47:46 GMT 2026

Year:26 Doy:092

Observer:

Weather COMMENT BY mcotter: Thu Apr 02 19:49:30 GMT 2026

MLO Current Weather

Timestamp (UTC): 2026-04-02 19:44:00

Temperature : 48.25 deg F

Dew Point : 1.27 deg F

Pressure : 678.47 mbar

Wind Speed : 8.28 mph

Wind Direction : 354.4 deg

Skies: Overcast skies in all directions.

____end____

GENERAL COMMENT BY mcotter: Thu Apr 02 19:51:01 GMT 2026

Dome closed.

Poor observing conditions upon arriving on site. Dome and windows remain closed.

____end____

GENERAL COMMENT BY mcotter: Thu Apr 02 20:20:10 GMT 2026

Comment

While observing solar activity on the NRGF display yesterday I had wanted to adjust the display settings in order to more clearly see the faint activity taking place. I queried Ben on how to make the desired adjustments and Ben sent me instructions on how to adjust the NRGF Brightness and Contrast settings.

The location of the display settings are as follows:

C:\git\mlso-mountain-scripts\mlso-image-animator\mlso_animator-rework.py

Line # 74: Contrast

Line # 75: Brightness

When opening "mlso_animator-rework.py", right click and open with Visual Studio Code. Once the values have been edited save the file and re-launch the NRGF display GUI to see the changes in the display images.

The display values have been changed to the following:

Contrast: 1.4

Brightness: .7

____end____

Guider/spar COMMENT BY berkey: Thu Apr 02 21:22:49 GMT 2026

computer changes:

Swapped out the VGA cable that brings the guider video signal down stairs. Something about the old cable was blocking the guiders computer from setting a screen resolution higher than 1024 x 768 with the new cable we can run the SGS computer at the full resolution of the monitor and see the bottom of the screen.

____end____

Weather COMMENT BY berkey: Thu Apr 02 22:48:16 GMT 2026

MLO Current Weather

Timestamp (UTC): 2026-04-02 22:41:00

Temperature : 49.37 deg F

Dew Point : 12.45 deg F

Pressure : 677.88 mbar

Wind Speed : 9.84 mph

Wind Direction : 12.6 deg

Skies: based on the satellite images cirrus overcast wont break any time soon we are in a river of clouds as wide as the US. The forecast suggest it may move south tomorrow.

____end____

Logger COMMENT BY berkey: Thu Apr 02 22:48:19 GMT 2026

Log closed

ONSITE STAFF: berkey, mcotter

____end____