
Mauna Loa Solar Observatory Observer's Log

Fri May 14 16:50:15 GMT 2021

Year: 21 Doy: 134

Observer: mlso

WEATHER COMMENT: mcotter: Fri May 14 16:52:01 GMT 2021

Temp: 38.6f, Humidity: 44%, Pressure: 28.779in, Wind: 5mph from 180degs, Skies: Rain and mist from Hilo to approximately 8,000' level. Hazy skies with the inversion layer visible on the horizon at or above Maunakea.

____end____

GENERAL COMMENT BY mcotter: Fri May 14 16:52:18 GMT 2021

Opened windows upstairs

____end____

GENERAL COMMENT BY mcotter: Fri May 14 16:52:24 GMT 2021

PM Blew off Kcor O1

____end____

GENERAL COMMENT BY mcotter: Fri May 14 16:56:18 GMT 2021

There are a lot of aerosols present and the Kcor focus image is much too bright to focus at this time.

____end____

GENERAL COMMENT BY mcotter: Fri May 14 17:22:35 GMT 2021

The sky is still too bright to run the focus routine.

____end____

GENERAL COMMENT BY mcotter: Fri May 14 18:17:51 GMT 2021

The sky is still much too bright to run the focus routine.

____end____

Fri May 14 18:44:30 GMT 2021 Kcor Focus/alignment program exited

GENERAL COMMENT BY mcotter: Fri May 14 18:49:31 GMT 2021

I was finally able to run the focus routine and get a decent parabola. There were aerosols visible in the focus image, and it appeared rather bright, but the synoptic image looks much better. The synoptic image is not nearly as bright and the white disk around the occulter is quite distinguishable.

____end____

GENERAL COMMENT BY mcotter: Fri May 14 18:51:40 GMT 2021

Kcor now running.

SGS offsets: X(RA): -132, Y(Dec): 67.

Checked polarization: Mid, Bright, Dark, Mid.

____end____

****Possible CME in Progress mcotter**** : Fri May 14 19:16:12 GMT 2021

Possible CME seen launching near PA: 260 deg at time 18:56 UT.

____end____

Fri May 14 20:54:20 GMT 2021 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20171025.ini

GENERAL COMMENT BY mcotter: Fri May 14 21:14:00 GMT 2021

Kcor calibration was running and clouds and fog blew in out of nowhere and were almost completely over the observatory dome. I aborted the calibration cycle, stopped Kcor and put the lens cover in beam.

____end____

GENERAL COMMENT BY mcotter: Fri May 14 21:14:43 GMT 2021

Dome shutter doors and windows have been closed in the event of precipitation.

____end____

GENERAL COMMENT BY mcotter: Sat May 15 01:06:43 GMT 2021

Overcast with light rain.

___end___

GENERAL COMMENT BY mcotter: Sat May 15 02:15:13 GMT 2021

The day started with the sky very bright. I was finally able to start Kcor at mid morning but clouds and fog came in very swiftly in the late morning and Kcor was stopped and the dome closed.

___end___

ONSITE STAFF: mcotter