
Mauna Loa Solar Observatory Observer's Log

Mon Jul 5 17:02:35 GMT 2021

Year: 21 Doy: 186

Observer: mlso

WEATHER COMMENT: mcotter: Mon Jul 05 17:05:28 GMT 2021

Temp: 49.6f, Humidity: 17%, Pressure: 28.659in, Wind: 9mph from 162degs, Skies: Clear but hazy skies with an inversion layer visible on the horizon at or above Maunakea. A bit windy with gusts from the south.

____end____

Mon Jul 05 17:05:18 GMT 2021 Kcor Focus/alignment program exited

KCOR COMMENT BY mcotter: Mon Jul 05 17:08:21 GMT 2021

Kcor up and running.

Focus routine run and a very well shaped parabola was obtained.

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

____end____

KCOR COMMENT BY mcotter: Mon Jul 05 17:09:38 GMT 2021

Polarization checked good: Mid Bright, Dark, Mid.

____end____

UCoMP COMMENT BY mcotter: Mon Jul 05 17:10:03 GMT 2021

Ucomp up and running.

____end____

GENERAL COMMENT BY mcotter: Mon Jul 05 17:24:35 GMT 2021

Forgot to make this entry;

Opened windows upstairs

____end____

GENERAL COMMENT BY mcotter: Mon Jul 05 17:25:05 GMT 2021

Forgot to make this entry;

PM Blew off Kcor O1

____end____

GENERAL COMMENT BY mcotter: Mon Jul 05 17:25:34 GMT 2021

Forgot to make this entry;

PM Blew off UCoMP O1

____end____

WEATHER COMMENT: mcotter: Mon Jul 05 17:38:18 GMT 2021

Winds have tapered off and are now blowing lightly from the north-northwest. Satellite imagery shows clear skies for now and into the foreseeable future. ;)

____end____

****Possible CME in Progress mcotter**** : Mon Jul 05 18:02:42 GMT 2021

Possible CME seen launching near PA 280, at time 17:10:11 UT.

This CME was identified in progress from Kcor data as the instrument was initially started up this morning at the Mauna Loa Solar Observatory.

____end____

Mon Jul 05 20:14:14 GMT 2021 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20171025.ini

Mon Jul 05 20:29:26 GMT 2021 KCOR End Calibration Script

GENERAL COMMENT BY mcotter: Mon Jul 05 21:27:58 GMT 2021

Aerosols are becoming quite noticeable in both the Kcor Quicklook and Kcor NRGF images, causing the image quality to be adversely affected.

___end___

WEATHER COMMENT: mcotter: Mon Jul 05 21:33:20 GMT 2021

Alto cumulus clouds are forming to the north, west and south of the observatory getting close to the viewing area. Aerosols have increase dramatically causing the images to be quite adversely affected.

___end___

GENERAL COMMENT BY mcotter: Mon Jul 05 21:48:21 GMT 2021

Both Kcor and Ucomp have been pause at this time because of clouds in the viewing area.

___end___

WEATHER COMMENT: mcotter: Mon Jul 05 21:51:02 GMT 2021

Alto cumulus clouds are now forming over the observatory and all around the summit of Maunaloa. Clouds are increasing dramatically and the summit is quickly becoming overcast.

___end___

GENERAL COMMENT BY mcotter: Mon Jul 05 23:01:53 GMT 2021

Cloud coverage continues to increase and the clouds have become darker in color. The dome shutter doors and windows are now closed in the event of precipitation.

___end___

GENERAL COMMENT BY mcotter: Mon Jul 05 23:46:52 GMT 2021

****EARTHQUAKE**** An earthquake of moderate intensity was just felt at the observatory.

___end___

GENERAL COMMENT BY mcotter: Tue Jul 06 02:09:30 GMT 2021

The day started a little hazy, but but overall there were nice clear skies for observing until approximately noon time HST when Alto cumulus clouds began forming over the summit of Maunaloa. After a short while Orthographic clouds began moving early in the afternoon.

CME this morning when I first started the instruments.

Earthquake of moderate strength was felt in the afternoon.

___end___

ONSITE STAFF: mcotter