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Mauna Loa Solar Observatory Observer's Log  
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Thu Mar 25 17:17:15 GMT 2021

Year: 21 Doy: 084

Observer: mlso

WEATHER COMMENT: mcotter: Thu Mar 25 17:17:23 GMT 2021

Temp: 38.8f, Humidity: 38%, Pressure: 28.73in, Wind: 17mph from 202degs, Skies: Clear skies overhead but the sky is slightly hazy. Winds are very gusty out of the south southwest.

\_\_\_\_end\_\_\_\_

GENERAL COMMENT BY mcotter: Thu Mar 25 17:17:36 GMT 2021

Opened windows upstairs

\_\_\_\_end\_\_\_\_

GENERAL COMMENT BY mcotter: Thu Mar 25 17:17:42 GMT 2021

PM Blew off Kcor 01

\_\_\_\_end\_\_\_\_

Thu Mar 25 17:25:44 GMT 2021 Kcor Focus/alignment program exited

GENERAL COMMENT BY mcotter: Thu Mar 25 17:28:51 GMT 2021

Kcor running. Sky is a bit bright.

SGS Offsets: X(RA) -107, Y(Dec) 40.

\_\_\_\_end\_\_\_\_

GENERAL COMMENT BY mcotter: Thu Mar 25 18:29:19 GMT 2021

As per Ben's instructions, a test is being run on Ucomp using "Cookbook #1". ND filter affixed to front of unit prior to running program.

\_\_\_\_end\_\_\_\_

WEATHER COMMENT: mcotter: Thu Mar 25 21:43:39 GMT 2021

Temp: 50.7f, Humidity: 26%, Pressure: 28.781in, Wind: 13mph from 302degs, Skies: High altitude clouds are moving from west to east causing bright images. Altocumulus clouds are increasing dramatically to the east northeast and appear to be moving toward the observatory. The wind is beginning to pick and is becoming gusty, blowing primarily from the west northwest.

\_\_\_\_end\_\_\_\_

GENERAL COMMENT BY mcotter: Thu Mar 25 21:45:47 GMT 2021

Kcor now stopped.

The high altitude clouds are making the Kcor images over saturated.

\_\_\_\_end\_\_\_\_

WEATHER COMMENT: mcotter: Thu Mar 25 22:05:47 GMT 2021

Skies continue to be covered with wisps of high altitude clouds.

Orthographic clouds have formed to the southwest, west and northwest and are moving into the area of the observatory.

\_\_\_\_end\_\_\_\_

GENERAL COMMENT BY mcotter: Thu Mar 25 22:08:07 GMT 2021

I tried restarting Kcor but the images are still bright. I am shutting down Kcor for now and closing the dome shutter doors and windows as heavier cloud coverage is moving into the area of the observatory.

\_\_\_\_end\_\_\_\_

GENERAL COMMENT BY mcotter: Fri Mar 26 01:54:36 GMT 2021

Overcast skies have continued since late morning. No additional data taken since morning.

\_\_\_\_end\_\_\_\_

GENERAL COMMENT BY mcotter: Fri Mar 26 01:56:59 GMT 2021

The mouse for the Kcor and SGS monitors is acting erratic. I ended up unplugging and re-plugging the mouse into a different receptacle and it started working again.

\_\_\_end\_\_\_

GENERAL COMMENT BY mcotter: Fri Mar 26 02:02:51 GMT 2021

The dome tracking sensors seem to be off. When I looked at the monitor it appeared that the dome was not keeping pace with the spar, so I manually forwarded the dome opening. It began to get cloudy so I did not begin an adjustment of the sensors at this time.

\_\_\_end\_\_\_

ONSITE STAFF: mcotter