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Mauna Loa Solar Observatory Observer's Log  
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Mon May 31 16:35:50 GMT 2021

Year: 21 Doy: 151

Observer: mlso

WEATHER COMMENT: mcotter: Mon May 31 16:37:53 GMT 2021

Temp: 43.6f, Humidity: 32%, Pressure: 28.738in, Wind: 2mph from 175degs, Skies: Clear but hazy skies with very high altitude Cirrocumulus clouds present in different areas of the sky. Inversion layer visible on the horizon at or above Maunakea. Little to no wind.

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

Mon May 31 16:49:46 GMT 2021 Kcor Focus/alignment program exited

GENERAL COMMENT BY mcotter: Mon May 31 16:52:08 GMT 2021

Opened windows upstairs

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

GENERAL COMMENT BY mcotter: Mon May 31 16:52:15 GMT 2021

PM Blew off Kcor 01

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

GENERAL COMMENT BY mcotter: Mon May 31 16:52:37 GMT 2021

The sky is much too bright to run Kcor at this time.

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

Mon May 31 17:22:32 GMT 2021 Kcor Focus/alignment program exited

Mon May 31 17:59:14 GMT 2021 Kcor Focus/alignment program exited

Mon May 31 18:32:42 GMT 2021 Kcor Focus/alignment program exited

GENERAL COMMENT BY mcotter: Mon May 31 18:36:24 GMT 2021

Kcor now running.

Checked polarization:Mid, Bright, Dark, Mid.

SGS Offsets: X(RA): -135, Y(Dec): 70.

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

Mon May 31 18:59:09 GMT 2021 Kcor Focus/alignment program exited

GENERAL COMMENT BY mcotter: Mon May 31 19:07:09 GMT 2021

Ben texted me and notified me that Kcor was running in the wrong exposure (1ms). I exited the program and restarted the program and it reverted back to 2.5ms.

Kcor then restarted with the wrong polarization: Bright, Dark, Mid, Mid. I restarted Kcor and it started in the correct polarization sequence: Mid, Bright, Dark, Mid.

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

Mon May 31 20:11:48 GMT 2021 Kcor Focus/alignment program exited

GENERAL COMMENT BY mcotter: Mon May 31 20:14:04 GMT 2021

Paused Kcor and re-ran focus routine.

The newest focus has a much better shaped parabola.

Polarization checked: Mid, Bright, Dark, Mid.

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

UCoMP COMMENT BY mcotter: Mon May 31 21:47:10 GMT 2021

Ucomp now running.

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

WEATHER COMMENT: mcotter: Mon May 31 22:00:20 GMT 2021

Temp: 57.2f, Humidity: 44%, Pressure: 28.778in, Wind: 7mph from 336degs, Skies: Bits of Altocumulus clouds are forming over the observatory area and orthographic clouds are moving in slowly from the northeast.

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

KCOR COMMENT BY mcotter: Mon May 31 22:02:35 GMT 2021

Kcor paused until clouds pass.

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

UCoMP COMMENT BY mcotter: Mon May 31 22:02:57 GMT 2021

Ucomp paused until clouds pass.

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

GENERAL COMMENT BY mcotter: Mon May 31 22:10:46 GMT 2021

Cloud coverage is increasing.

Dome shutter doors are now closed.

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

WEATHER COMMENT: mcotter: Tue Jun 01 00:58:27 GMT 2021

Temp: 52.6f, Humidity: 68%, Pressure: 28.729in, Wind: 8mph from 306degs, Skies: The skies are completely overcast with mist and a light rain falling at this time.

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

GENERAL COMMENT BY mcotter: Tue Jun 01 00:59:14 GMT 2021

Dome windows have been closed.

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

GENERAL COMMENT BY mcotter: Tue Jun 01 02:13:56 GMT 2021

The day started very bright and the instruments could not be started because of the bright sky. After about an hour or so Kcor was able to run and then Ucomp was started. Eventually Orthographic clouds came in to the image and clouds started forming over the observatory and a light rain followed.

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

GENERAL COMMENT BY mcotter: Tue Jun 01 02:14:16 GMT 2021

Emptied the trash container in the control room.

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

ONSITE STAFF: mcotter