
Mauna Loa Solar Observatory Observer's Log

Sat Jun 12 17:22:28 GMT 2021

Year: 21 Doy: 163

Observer: mlso

Sat Jun 12 17:27:44 GMT 2021 Kcor Focus/alignment program exited

GENERAL COMMENT BY mcotter: Sat Jun 12 17:42:43 GMT 2021

On my way in this morning the breaks on the Elantra started making a grinding noise that seemed to come from the front passenger side. When filling the tank with petrol I did a visual inspection of the front breaks and could see a gouge in the rotor located on the front passenger side. I did not feel comfortable taking the Elantra up to the observatory, particularly on the Maunaloa mountain road, so I switched cars at the NOAA facility in Hilo and drove the Ford up to the observatory. On my way up I filled the Ford with petrol. I will bring the Ford back to NOAA in Hilo at the end of the day. I will place a call to Lex Brody in Hilo when they open and see when I can get the Elantra in for service.

____end____

WEATHER COMMENT: mcotter: Sat Jun 12 17:44:32 GMT 2021

Temp: 50.8f, Humidity: 9%, Pressure: 28.775in, Wind: 2mph from 66degs, Skies: Clear but hazy skies with high altitude Cirrus spread across the sky in different areas. Little to no wind.

____end____

GENERAL COMMENT BY mcotter: Sat Jun 12 17:44:47 GMT 2021

Opened windows upstairs

____end____

GENERAL COMMENT BY mcotter: Sat Jun 12 17:44:54 GMT 2021

____end____

GENERAL COMMENT BY mcotter: Sat Jun 12 17:45:07 GMT 2021

PM Blew off Kcor O1

____end____

GENERAL COMMENT BY mcotter: Sat Jun 12 17:45:21 GMT 2021

PM Blew off UCoMP O1

____end____

GENERAL COMMENT BY mcotter: Sat Jun 12 17:46:22 GMT 2021

Kcor up and running.

I had to take several focus shots before a decent parabola was obtained. Skies are very bright.

____end____

UCoMP COMMENT BY mcotter: Sat Jun 12 17:46:47 GMT 2021

Ucomp up and running.

____end____

KCOR COMMENT BY mcotter: Sat Jun 12 17:49:48 GMT 2021

Kcor SGS offsets: X(RA): -125, Y(Dec): 85.

Polarization checked: Mid, Bright, Dark, Mid.

____end____

UCoMP COMMENT BY mcotter: Sat Jun 12 19:40:50 GMT 2021

I started Ucomp this morning using menu "all_coronal_7.menu." Upon reading my emails this morning I saw that Ben had updated the menus that were to be used when operating Ucomp. I stopped Ucomp and reloaded menu "All_Pol_Calibrate.menu". The "All_Pol_Calibrate.menu" completed running and I then loaded "all_coronal_7.menu".

Ucomp now running.

____end____

GENERAL COMMENT BY mcotter: Sat Jun 12 19:44:31 GMT 2021

High altitude Cirrus clouds are increasing and the sky is becoming increasingly bright. I am continuing to let Kcor and Ucomp run at this time. If it appears that the images become over saturated because of the ever increasing brightness of the sky I will halt instrument operations until conditions improve.

____end____

WEATHER COMMENT: mcotter: Sat Jun 12 21:20:26 GMT 2021

Temp: 53.3f, Humidity: 53%, Pressure: 28.773in, Wind: 5mph from 319degs, Skies: High altitude Cirrus clouds are increasing in areas across the sky. Altocumulus clouds are rapidly forming in patches across the summit of Maunaloa, including in the viewing area. Overall general brightness of the sky has increased dramatically.

____end____

KCOR COMMENT BY mcotter: Sat Jun 12 21:25:08 GMT 2021

Because of increasingly bright skies and scattered Altocumulus clouds I have stopped Kcor until conditions improve.

____end____

GENERAL COMMENT BY mcotter: Sat Jun 12 23:47:38 GMT 2021

The sky has become completely overcast.

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

____end____

GENERAL COMMENT BY mcotter: Sun Jun 13 00:17:27 GMT 2021

Early morning was clear enough to get some data for both Kcor and Ucomp, though the sky was a little bright.

High altitude Cirrus and then Altocumulus clouds began to form and quickly covered the sky in the late morning.

____end____

ONSITE STAFF: mcotter

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