

-----  
Mauna Loa Solar Observatory Observer's Log  
-----

Sat May 8 16:48:17 GMT 2021

Year: 21 Doy: 128

Observer: mlso

WEATHER COMMENT: mcotter: Sat May 08 16:48:18 GMT 2021

Temp: 43.6f, Humidity: 26%, Pressure: 28.726in, Wind: 3mph from 142degs, Skies: Clear skies for the most part but there are a few Altocumulus clouds scattered on the north and eastern horizon. Inversion layer visible on the horizon at or just above Haleakala.

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

GENERAL COMMENT BY mcotter: Sat May 08 16:48:25 GMT 2021

Opened windows upstairs

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

GENERAL COMMENT BY mcotter: Sat May 08 16:48:33 GMT 2021

PM Blew off Kcor O1

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

Sat May 08 16:57:32 GMT 2021 Kcor Focus/alignment program exited

GENERAL COMMENT BY mcotter: Sat May 08 17:01:12 GMT 2021

Kcor now running, though the sky is a bit bright.

SGS offsets: X(RA): -115, Y(Dec): 65.

Checked Polarization: Mid, Bright, Dark, Mid.

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

GENERAL COMMENT BY mcotter: Sat May 08 18:40:26 GMT 2021

Small puffs of Cumulus clouds are forming over the summit on Maunaloa and are drifting within the viewing area. Additionally wisps of Altocumulus clouds are forming in the west. The clouds near the observatory are not big, so I am going to continue to let Kcor run and pause as necessary when a cloud goes by. There does not appear to be a threat of precipitation so I believe it is okay to continue to leave the dome open.

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

GENERAL COMMENT BY mcotter: Sat May 08 18:41:07 GMT 2021

Kcor paused.

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

GENERAL COMMENT BY mcotter: Sat May 08 19:24:50 GMT 2021

Kcor remains paused. Altocumulus clouds have increased in the west and are now forming south-southwest. The clouds have increased above the summit of Maunaloa and are obscuring much of the viewing area. The dome remains open, as it does not appear that precipitation is imminent. The clouds on the south to west horizon appear to be moving toward the observatory but the wind is very light so it is difficult to judge when, or if, they will arrive.

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

GENERAL COMMENT BY mcotter: Sat May 08 20:32:10 GMT 2021

I have restarted Kcor but it is only going to be for a brief period as I can see more Altocumulus clouds building in the south and blowing toward the viewing area.

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

GENERAL COMMENT BY mcotter: Sat May 08 20:45:28 GMT 2021

Cloud coverage has increased. The dome shutter doors and windows are closed until conditions improve.

Kcor is again paused.

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

GENERAL COMMENT BY mcotter: Sun May 09 00:26:26 GMT 2021

The day started off clear but clouds came in quickly in the mid morning and Kcor was stopped.

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

GENERAL COMMENT BY mcotter: Sun May 09 00:28:15 GMT 2021

The summit is darkly overcast with a light fog. A small amount of data was able to be taken this morning before the sky be came overcast.

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

ONSITE STAFF: mcotter