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Mauna Loa Solar Observatory Observer's Log  
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Sat May 21 17:06:57 GMT 2022

Year: 22 Doy: 141

Observer: mlso

WEATHER COMMENT: mcotter: Sat May 21 17:10:43 GMT 2022

Temp: 45.4f, Humidity: 78%, Pressure: 28.777in, Wind: 7mph from 122degs, Skies: The upper skies appear clear in all directions but they are bright. The inversion layer is very thick and appears a dark blue gray on the horizon. Haleakala cannot be seen on the horizon because of the thick inversion layer. Heavy VOG is visible in the Saddle Valley and is blocking out visibility at lower elevations. Light wind from the southeast.

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

GENERAL COMMENT BY mcotter: Sat May 21 17:10:50 GMT 2022

Opened windows upstairs

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

GENERAL COMMENT BY mcotter: Sat May 21 17:10:56 GMT 2022

PM Blew off UCOMP 01

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

GENERAL COMMENT BY mcotter: Sat May 21 17:11:02 GMT 2022

PM Blew off Kcor 01

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

KCOR COMMENT BY mcotter: Sat May 21 17:11:32 GMT 2022

The sky is currently too bright to observe with Kcor.

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

UCOMP COMMENT BY mcotter: Sat May 21 17:12:06 GMT 2022

The sky is currently too bright to observe with Ucomp at this time.

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

Sat May 21 17:13:57 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal\_flat.cbk line 0

Sat May 21 17:14:04 GMT 2022 UCOMP Paused for clouds

Sat May 21 17:19:56 GMT 2022 Kcor Focus/alignment program exited

Sat May 21 17:58:52 GMT 2022 Kcor Focus/alignment program exited

Sat May 21 17:59:38 GMT 2022 UCOMP Restarted from pause

Sat May 21 18:01:39 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal\_flat.cbk line 2

KCOR COMMENT BY mcotter: Sat May 21 18:02:05 GMT 2022

Though the sky is a bit bright, the Kcor instrument is now observing.

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

UCOMP COMMENT BY mcotter: Sat May 21 18:02:50 GMT 2022

Though the sky is a bit bright, the Ucomp instrument is now observing.

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

Sat May 21 18:15:46 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 0

Sat May 21 18:43:41 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 0

Sat May 21 19:11:08 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 0

Sat May 21 19:38:45 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal\_flat.cbk line 0

Sat May 21 19:53:56 GMT 2022 Running UCOMP Cookbook waves\_1074\_1hour.cbk line 0

Sat May 21 20:06:26 GMT 2022 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20171025.ini

Sat May 21 20:21:41 GMT 2022 KCOR End Calibration Script

Sat May 21 21:03:45 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 0

Sat May 21 21:31:32 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal\_flat.cbk line 0

Sat May 21 21:46:43 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 0

Sat May 21 22:13:00 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 17

Sat May 21 22:15:32 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 0

Sat May 21 22:28:15 GMT 2022 UCOMP Paused for clouds

WEATHER COMMENT: mcotter: Sat May 21 22:35:56 GMT 2022

The mornign was relatively clear but the sky was very bright. The VOG was very heavy in the Saddle Valley. Now Orographic clouds have arrived and are over the viewing area and observatory. The VOG has also moved up to the elevation of the observatory and can be smelt and seen.

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

KCOR COMMENT BY mcotter: Sat May 21 22:39:12 GMT 2022

Kcor has been stopped due to generally poor sky conditions. Orographic clouds and VOG are now over the observatory.

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

UCoMP COMMENT BY mcotter: Sat May 21 22:39:37 GMT 2022

Ucomp has been stopped due to generally poor sky conditions. Orographic clouds and VOG are now over the observatory.

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

GENERAL COMMENT BY mcotter: Sat May 21 22:41:02 GMT 2022

The dome shutter doors and windows have been closed at this time due to poor sky conditions.

Orographic clouds and VOG are now over the observatory.

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

Sat May 21 23:26:13 GMT 2022 UCoMP Restarted from pause

GENERAL COMMENT BY mcotter: Sun May 22 01:36:36 GMT 2022

The early morning sky was fairly bright but Kcor and Ucomp were able to run most of the morning. By early afternoon Orographic clouds with VOG came up from the Saddle Valley and I closed the dome. The clouds did break up a bit later, but the sky remained much too bright to do further observations.

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

ONSITE STAFF: mcotter