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Mauna Loa Solar Observatory Observer's Log  
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Tue Sep 6 16:45:45 GMT 2022

Year: 22 Doy: 249

Observer: mcotter

WEATHER COMMENT: mcotter: Tue Sep 06 16:47:29 GMT 2022

Temp: 41.8f, Humidity: 38%, Pressure: 28.629in, Wind: 17mph from 159 degs. Windy windy windy! Strong gusty winds from the South Southeast. Clear but hazy skies in all directions. Brown gray inversion layer visible on the horizon well above Haleakala.

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

GENERAL COMMENT BY mcotter: Tue Sep 06 16:55:30 GMT 2022

The dome windows were left closed and the upper dome shutter door was only opened about a quarter of the way due to the strong gusty winds.

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

GENERAL COMMENT BY mcotter: Tue Sep 06 16:55:37 GMT 2022

PM Blew off UCOMP 01

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

GENERAL COMMENT BY mcotter: Tue Sep 06 16:55:41 GMT 2022

PM Blew off Kcor 01

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

Tue Sep 06 17:11:31 GMT 2022 Kcor Focus/alignment program exited

Tue Sep 06 17:11:56 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal\_flat.cbk line 0

GENERAL COMMENT BY mcotter: Tue Sep 06 17:12:02 GMT 2022

Instruments are now observing. The sky looks good!

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

Tue Sep 06 17:32:29 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 0

Tue Sep 06 18:10:49 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 0

\*\*\*\*Possible CME in Progress reported by mcotter\*\*\*\* : Tue Sep 06 18:26:44 GMT 2022

TIME: 17:38:06 UT PA: 120 degs WIDTH: 10 deg

Observer reports with Medium confidence a CME at the time, position angle, and width noted.

This CME is faint and fast moving and was identified using both Kcor NRGF and Diff images.

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

GENERAL COMMENT BY mcotter: Tue Sep 06 18:31:17 GMT 2022

Opened the upper dome shutter door to approximately one third open, as winds continue to be blowing strong and gusty from the Southeast.

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

Tue Sep 06 18:48:59 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 0

Tue Sep 06 19:27:00 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal\_flat.cbk line 0

Tue Sep 06 19:47:34 GMT 2022 Running UCOMP Cookbook waves\_1074\_1hour.cbk line 0

Tue Sep 06 20:01:11 GMT 2022 Running UCOMP Cookbook waves\_1074\_1hour.cbk line 23

Tue Sep 06 20:18:18 GMT 2022 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20171025.ini

Tue Sep 06 20:33:29 GMT 2022 KCOR End Calibration Script

Tue Sep 06 20:46:04 GMT 2022 Running UCOMP Cookbook waves\_1074\_1hour.cbk line 77

Tue Sep 06 21:09:20 GMT 2022 Running UCOMP Cookbook waves\_1074\_1hour.cbk line 101

Tue Sep 06 21:24:19 GMT 2022 Running UCOMP Cookbook dark\_80ms\_2beam\_16sums\_BOTH.cbk line 0

Tue Sep 06 21:25:37 GMT 2022 Running UCOMP Cookbook 637\_Pol\_Calibrate.cbk line 0

Tue Sep 06 21:29:40 GMT 2022 Running UCOMP Cookbook 706\_Pol\_Calibrate.cbk line 0

Tue Sep 06 21:33:54 GMT 2022 Running UCOMP Cookbook 789\_Pol\_Calibrate.cbk line 0

Tue Sep 06 21:37:57 GMT 2022 Running UCOMP Cookbook 1074\_Pol\_Calibrate.cbk line 0

Tue Sep 06 21:42:01 GMT 2022 Running UCOMP Cookbook 1079\_Pol\_Calibrate.cbk line 0

Tue Sep 06 21:46:05 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 0

Tue Sep 06 22:24:25 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal\_flat.cbk line 0

Tue Sep 06 22:45:00 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 0

Tue Sep 06 23:23:20 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 0

ONSITE STAFF: mcotter

Log Type BY mcotter: Tue Sep 06 23:34:59 GMT 2022

Log check.

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

GENERAL COMMENT BY mcotter: Tue Sep 06 23:40:55 GMT 2022

A short while ago an attempt was made to issue a CME event retraction. When the message comment was issued the "Log it" command the Comment Logger crashed. Several attempts were made to log comments into the log but they all failed. The Comment Log was issued a "Send Log" command then the computer was restarted to see if the Comment Logger would come back up. Thankfully the Comment Logger now appears to be working properly. The last action being performed was the CME Retraction from the pull down menu to the left of the GUI. Before using this command file again a test may be prudent to ensure that it is working properly.

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

GENERAL COMMENT BY mcotter: Tue Sep 06 23:43:56 GMT 2022

CME Retraction:

The CME event that was issued at 21:45:15 UT has been retracted. After careful review of the Kcor NRGF Level 0 images for that time and PA it is believed the CME alert was triggered by aerosols in the image.

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

Wed Sep 07 00:01:21 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 0

WEATHER COMMENT: mcotter: Wed Sep 07 00:25:40 GMT 2022

Aerosols are beginning to get heavy.

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

Wed Sep 07 00:39:22 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal\_flat.cbk line 0

GENERAL COMMENT BY mcotter: Wed Sep 07 00:44:48 GMT 2022

Orographic clouds and heavy aerosols have entered the science area.

The instruments have been stopped.

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

GENERAL COMMENT BY mcotter: Wed Sep 07 01:10:12 GMT 2022

Good day for observations.

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

ONSITE STAFF: mcotter