

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

Mon May 9 17:04:37 GMT 2022

Year: 22 Doy: 129

Observer: mlso

Mon May 09 17:11:36 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal\_flat.cbk line 0

Mon May 09 17:13:23 GMT 2022 Kcor Focus/alignment program exited

Mon May 09 17:13:52 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal\_flat.cbk line 2

WEATHER COMMENT: mcotter: Mon May 09 17:16:53 GMT 2022

Temp: 47.0f, Humidity: 50%, Pressure: 28.714in, Wind: 2mph from 196degs, Skies: Slightly hazy skies with small wisps of high altitude Cirrus in a few spots across the horizon. The inversion layer appears a pinkish gray color and is visible on the horizon about the same level as Haleakala. Little to no wind.

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

GENERAL COMMENT BY mcotter: Mon May 09 17:16:59 GMT 2022

Opened windows upstairs

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

GENERAL COMMENT BY mcotter: Mon May 09 17:17:05 GMT 2022

PM Blew off UCOMP 01

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

GENERAL COMMENT BY mcotter: Mon May 09 17:17:11 GMT 2022

PM Blew off Kcor 01

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

KCOR COMMENT BY mcotter: Mon May 09 17:18:11 GMT 2022

The Kcor instrument is now on sky and observing.

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

KCOR COMMENT BY mcotter: Mon May 09 17:18:47 GMT 2022

The Ucomp instrument is now on sky and observing.

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

Mon May 09 17:28:00 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 0

Mon May 09 17:55:46 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 0

Mon May 09 18:22:42 GMT 2022 UCOMP Paused for clouds

GENERAL COMMENT BY mcotter: Mon May 09 18:24:18 GMT 2022

Instruments paused for passing Cirrus clouds.

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

Mon May 09 18:30:50 GMT 2022 UCOMP Restarted from pause

Mon May 09 18:31:16 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 0

GENERAL COMMENT BY mcotter: Mon May 09 18:31:05 GMT 2022

Instruments are back on sky and observing.

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

Mon May 09 18:59:03 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal\_flat.cbk line 0

Mon May 09 19:14:23 GMT 2022 Running UCOMP Cookbook waves\_1074\_1hour.cbk line 0

Mon May 09 19:45:10 GMT 2022 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20171025.ini

Mon May 09 20:00:24 GMT 2022 KCOR End Calibration Script

WEATHER COMMENT: mcotter: Mon May 09 20:15:53 GMT 2022

Earlier this morning a few bands of high altitude Cirrus clouds passed through the viewing area necessitating the pause of the instruments for a brief time, but since that isolated instance the sky has remained clear and free of clouds.

Currently very good observing conditions are taking place.

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

WEATHER COMMENT: mcotter: Mon May 09 20:17:32 GMT 2022

Satellite images show no immediate or near storm systems to hinder observations for at least the next couple of days.

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

Mon May 09 20:46:39 GMT 2022 UCOMP Paused for clouds

WEATHER COMMENT: mcotter: Mon May 09 20:51:55 GMT 2022

The sky quickly became very bright, too bright to observe, though there are no clouds visible in the Yawcam image. I paused both instruments and went outside to look at the sky. There is no specific cloud formation present in the viewing area but long wisps of high altitude Cirrus clouds can be observed in different areas of the sky.

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

GENERAL COMMENT BY mcotter: Mon May 09 21:10:36 GMT 2022

Over the last ten minutes or so a noticeable thin layer of Cirrostratus clouds have formed and the sky is now lightly overcast.

I attempted to restart the instruments, but the sky conditions are entirely too bright to observe at this time.

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

Mon May 09 22:46:38 GMT 2022 UCoMP Restarted from pause

WEATHER COMMENT: mcotter: Mon May 09 22:48:51 GMT 2022

The Cirrostratus clouds that were covering the sky earlier have dissipated and the sky, though a little bright, looks much clearer.

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

GENERAL COMMENT BY mcotter: Mon May 09 22:49:17 GMT 2022

Both instrument are again on sky and observing.

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

Mon May 09 22:57:42 GMT 2022 UCoMP Paused for clouds

WEATHER COMMENT: mcotter: Mon May 09 22:58:18 GMT 2022

The sky is getting bright again.

Both instrument have been paused.

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

Mon May 09 23:49:36 GMT 2022 UCoMP Restarted from pause

GENERAL COMMENT BY mcotter: Mon May 09 23:50:02 GMT 2022

Both instrument are back on sky and observing.

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

Mon May 09 23:56:04 GMT 2022 UCoMP Paused for clouds

Mon May 09 23:56:55 GMT 2022 UCoMP Restarted from pause

Mon May 09 23:57:30 GMT 2022 UCoMP Paused for clouds

WEATHER COMMENT: mcotter: Mon May 09 23:57:30 GMT 2022

The sky is again getting bright so both instrument are again paused.

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

Tue May 10 02:06:40 GMT 2022 UCoMP Restarted from pause

GENERAL COMMENT BY mcotter: Tue May 10 02:18:53 GMT 2022

The morning was a bit bright but some observing was able to be accomplished. In the late morning, early afternoon, the sky became quite bright with Cirrostratus clouds and observing had to be repeatedly paused until finally observing needed to be stopped by mid afternoon.

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

ONSITE STAFF: mcotter