

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

Mon Jan 10 17:57:23 GMT 2022

Year: 22 Doy: 010

Observer: mlso

WEATHER COMMENT: mcotter: Mon Jan 10 18:00:53 GMT 2022

Temp: 44.3f, Humidity: 30%, Pressure: 28.68in, Wind: 9mph from 157degs, Skies: Clear but hazy skies. Very dark bluish gray inversion layer visible on the horizon at approximately the level of Haleakala. Cannot see Kohala Mountains and can only see the very tip top of Haleakala.

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

GENERAL COMMENT BY mcotter: Mon Jan 10 18:00:59 GMT 2022

Opened windows upstairs

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

GENERAL COMMENT BY mcotter: Mon Jan 10 18:01:06 GMT 2022

PM Blew off UCOMP 01

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

GENERAL COMMENT BY mcotter: Mon Jan 10 18:01:11 GMT 2022

PM Blew off Kcor 01

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

Mon Jan 10 18:03:18 GMT 2022 Kcor Focus/alignment program exited

Mon Jan 10 18:05:29 GMT 2022 Running UCOMP Cookbook dark\_80ms\_2beam\_16sums\_BOTH.cbk line 0

Mon Jan 10 18:06:46 GMT 2022 Running UCOMP Cookbook 637\_Scan.cbk line 0

Mon Jan 10 18:08:56 GMT 2022 Running UCOMP Cookbook 656\_Scan.cbk line 0

Mon Jan 10 18:10:46 GMT 2022 Running UCOMP Cookbook 789\_Scan.cbk line 0

Mon Jan 10 18:12:35 GMT 2022 Running UCOMP Cookbook 1074\_Scan.cbk line 0

Mon Jan 10 18:14:24 GMT 2022 Running UCOMP Cookbook 1079\_Scan.cbk line 0

UCOMP COMMENT BY mcotter: Mon Jan 10 18:15:11 GMT 2022

Ucomp instrument now running.

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

Mon Jan 10 18:16:14 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal\_flat.cbk line 0

KCOR COMMENT BY mcotter: Mon Jan 10 18:17:12 GMT 2022

Kcor instrument now running.

SGS offsets: X (RA): 45, Y (Dec): -10.

Polarization checked good: Mid, Bright, Dark, Mid.

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

KCOR COMMENT BY mcotter: Mon Jan 10 18:20:15 GMT 2022

When running the focus routine the sky looked a bit bright, but a well shaped parabola was obtained on first run.

Kcor Stand Alone images and NRGF image both look good.

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

Mon Jan 10 18:34:21 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 0

Mon Jan 10 19:45:32 GMT 2022 Running UCOMP Cookbook no-occulter-flat.cbk line 0

\*\*\*\*Possible CME in Progress mcotter\*\*\*\* : Mon Jan 10 19:48:53 GMT 2022

Observers report with high amount of confidence a CME, seeing launching near PA 45 Deg, with a minimum width of 25 Deg, at UT time 19:30:01. Event just began as I observed it.

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

Mon Jan 10 19:52:05 GMT 2022 Running UCOMP Cookbook dark\_80ms\_2beam\_16sums\_BOTH.cbk line 0

Mon Jan 10 19:53:21 GMT 2022 Running UCOMP Cookbook 637\_Pol\_Calibrate.cbk line 0

Mon Jan 10 19:57:41 GMT 2022 Running UCOMP Cookbook 656\_Pol\_Calibrate.cbk line 0

\*\*\*\*Possible CME in Progress mcotter\*\*\*\* : Mon Jan 10 20:01:10 GMT 2022

A second CME appears to be launching out of the same area as the first CME reported earlier.

Approximate PA: 45 Deg.

UT: 19:42:07.

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

Mon Jan 10 20:01:46 GMT 2022 Running UCOMP Cookbook 789\_Pol\_Calibrate.cbk line 0

Mon Jan 10 20:05:51 GMT 2022 Running UCOMP Cookbook 1074\_Pol\_Calibrate.cbk line 0

Mon Jan 10 20:09:55 GMT 2022 Running UCOMP Cookbook 1079\_Pol\_Calibrate.cbk line 0

Mon Jan 10 20:13:59 GMT 2022 Running UCOMP Cookbook waves\_1074\_1hour.cbk line 0

Mon Jan 10 20:24:34 GMT 2022 Running UCOMP Cookbook waves\_1074\_1hour.cbk line 19

Mon Jan 10 21:03:44 GMT 2022 Running UCOMP Cookbook waves\_1074\_1hour.cbk line 86

Mon Jan 10 21:23:10 GMT 2022 Running UCOMP Cookbook waves\_1074\_1hour.cbk line 119  
Mon Jan 10 21:28:13 GMT 2022 Running UCOMP Cookbook dark\_200\_1sums\_80ms.cbk line 0  
Mon Jan 10 21:33:13 GMT 2022 Running UCOMP Cookbook no-occulter-flat.cbk line 0  
Mon Jan 10 21:39:44 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal\_flat.cbk line 0  
Mon Jan 10 21:58:07 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 0  
Mon Jan 10 23:10:14 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 0  
Tue Jan 11 00:08:14 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 28  
Tue Jan 11 00:22:31 GMT 2022 Running UCOMP Cookbook dark\_80ms\_2beam\_16sums\_BOTH.cbk line 0  
Tue Jan 11 00:23:48 GMT 2022 Running UCOMP Cookbook 1074\_Pol\_Calibrate.cbk line 0  
Tue Jan 11 00:28:13 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal\_flat.cbk line 0  
Tue Jan 11 00:46:20 GMT 2022 Running UCOMP Cookbook no-occulter-flat.cbk line 0  
Tue Jan 11 00:52:32 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 0

WEATHER COMMENT: mcotter: Tue Jan 11 01:10:45 GMT 2022

Aerosols are increasing and the image quality is getting poorer. The skies are still clear but the aerosols are quite noticeable.

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

GENERAL COMMENT BY mcotter: Tue Jan 11 01:33:54 GMT 2022

Aerosols have continued to increase. The images are getting poor. Both instruments have been stopped due to sky conditions.

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

ONSITE STAFF: mcotter