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Mauna Loa Solar Observatory Observer's Log  
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Fri Jun 10 16:44:38 GMT 2022

Year: 22 Doy: 161

Observer: mlso

WEATHER COMMENT: mcotter: Fri Jun 10 16:46:33 GMT 2022

Temp: 49.6f, Humidity: 8%, Pressure: 28.678in, Wind: 0mph from 169degs, Skies: Mostly clear skies but there were some Cirrus clouds on the eastern horizon this morning. The inversion layer is just below Haleakala and the air above it has a light brownish tinge to it. There is a bit of a haze in the air at lower elevations.

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

GENERAL COMMENT BY mcotter: Fri Jun 10 16:46:41 GMT 2022

Opened windows upstairs

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

GENERAL COMMENT BY mcotter: Fri Jun 10 16:46:47 GMT 2022

PM Blew off UCOMP 01

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

GENERAL COMMENT BY mcotter: Fri Jun 10 16:46:53 GMT 2022

PM Blew off Kcor 01

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

Fri Jun 10 16:49:16 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal\_flat.cbk line 0

Fri Jun 10 16:50:53 GMT 2022 Kcor Focus/alignment program exited

KCOR COMMENT BY mcotter: Fri Jun 10 16:51:45 GMT 2022

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

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

UCOMP COMMENT BY mcotter: Fri Jun 10 16:52:24 GMT 2022

Ucomp is now observing, though the sky is a bit bright.

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

Fri Jun 10 17:04:45 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 0

Fri Jun 10 17:32:40 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 0

Fri Jun 10 18:00:07 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 0

Fri Jun 10 18:10:39 GMT 2022 UCOMP Paused for clouds

WEATHER COMMENT: mcotter: Fri Jun 10 18:13:38 GMT 2022

High altitude Cirrus has formed over the eastern part of the sky and wisps of clouds are extending through the viewing area to approximately zenith.

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

UCOMP COMMENT BY mcotter: Fri Jun 10 18:14:05 GMT 2022

Ucomp has been paused due to clouds in the viewing area.

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

KCOR COMMENT BY mcotter: Fri Jun 10 18:14:29 GMT 2022

Kcor has been paused due to clouds in the viewing area.

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

KCOR COMMENT BY mcotter: Fri Jun 10 19:01:05 GMT 2022

I tried restarting the Kcor instrument but the sky remains too bright at this time.

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

Fri Jun 10 20:24:22 GMT 2022 UCOMP Restarted from pause

Fri Jun 10 20:27:45 GMT 2022 UCOMP Paused for clouds

WEATHER COMMENT: mcotter: Fri Jun 10 20:30:10 GMT 2022

Wisps of high altitude Cirrus clouds are stretched all across the sky in various areas.

There appears to be windows of "Blue" sky between the clouds which I have tried to observe through, but no sooner do I get the instruments observing than the clouds begin to enter the viewing area and I need to stop the instruments. I'll continue to try and observe in the Blue windows but it may prove to be futile.

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

Fri Jun 10 20:30:53 GMT 2022 UCOMP Restarted from pause

Fri Jun 10 20:44:15 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal\_flat.cbk line 0

GENERAL COMMENT BY mcotter: Fri Jun 10 20:44:32 GMT 2022

There is a very bright "Lobe" protruding out from the occulter shadow at approximately 70 deg PA.

This lobe is easily identified in both the Kcor NRGF and Diff images and has been there since first thing this morning. I am holding off on the Kcor calibration for now to see if the lobe turns into a CME.

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

Fri Jun 10 20:59:25 GMT 2022 Running UCOMP Cookbook waves\_1074\_1hour.cbk line 0

WEATHER COMMENT: mcotter: Fri Jun 10 21:44:50 GMT 2022

The Cirrus clouds that were present earlier have dissipated and the instrument are observing.

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

Fri Jun 10 22:09:14 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 0  
Fri Jun 10 22:37:32 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal\_flat.cbk line 0  
Fri Jun 10 22:52:42 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 0  
Fri Jun 10 23:20:39 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 0  
Fri Jun 10 23:48:18 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 0  
Sat Jun 11 00:15:54 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal\_flat.cbk line 0  
Sat Jun 11 00:31:05 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 0  
Sat Jun 11 00:58:50 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 0  
Sat Jun 11 01:26:18 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 0  
Sat Jun 11 01:53:47 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal\_flat.cbk line 0  
Sat Jun 11 02:08:58 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 0  
Sat Jun 11 02:36:45 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 0  
Sat Jun 11 03:04:14 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 0

WEATHER COMMENT: mcotter: Sat Jun 11 03:17:24 GMT 2022

Mostly clear day except for a brief period in the mid to late morning when Cirrus clouds moved through the viewing area. Aerosols picked up in the early afternoon and appeared to be heavy at times, though the Kcor synoptic images looked good.

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

ONSITE STAFF: mcotter