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Mauna Loa Solar Observatory Observer's Log  
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Mon Jun 6 17:07:54 GMT 2022

Year: 22 Doy: 157

Observer: mlso

Mon Jun 06 17:08:33 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal\_flat.cbk line 0

Mon Jun 06 17:09:10 GMT 2022 Kcor Focus/alignment program exited

WEATHER COMMENT: mcotter: Mon Jun 06 17:12:27 GMT 2022

Temp: 48.6f, Humidity: 25%, Pressure: 28.685in, Wind: 1mph from 300degs, Skies: Clear but slightly hazy skies in all directions. The inversion layer is visible on the horizon well below Haleakala, though there is a brown colored haze visible above the inversion layer. Little to no wind at this time.

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

GENERAL COMMENT BY mcotter: Mon Jun 06 17:12:34 GMT 2022

Opened windows upstairs

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

GENERAL COMMENT BY mcotter: Mon Jun 06 17:12:42 GMT 2022

PM Blew off UCOMP 01

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

GENERAL COMMENT BY mcotter: Mon Jun 06 17:12:58 GMT 2022

PM Blew off Kcor 01

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

KCOR COMMENT BY mcotter: Mon Jun 06 17:13:23 GMT 2022

Kcor is now observing.

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

UCOMP COMMENT BY mcotter: Mon Jun 06 17:13:40 GMT 2022

Ucomp is now observing.

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

GENERAL COMMENT BY mcotter: Mon Jun 06 17:14:54 GMT 2022

The sky appears a little bit bright in the Kcor Synoptic images, but still acceptable.

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

Mon Jun 06 17:24:02 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 0

Mon Jun 06 17:52:07 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 0

Mon Jun 06 18:19:35 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 0

Mon Jun 06 18:47:03 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal\_flat.cbk line 0

Mon Jun 06 19:02:14 GMT 2022 Running UCOMP Cookbook waves\_1074\_1hour.cbk line 0

Mon Jun 06 19:45:20 GMT 2022 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20171025.ini

Mon Jun 06 20:00:34 GMT 2022 KCOR End Calibration Script

Mon Jun 06 20:12:02 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 0

WEATHER COMMENT: mcotter: Mon Jun 06 20:37:26 GMT 2022

The wind is increasing and is gusty at times.

The dome windows have been closed due to increased winds

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

Mon Jun 06 20:40:17 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal\_flat.cbk line 0

Mon Jun 06 20:55:28 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 0

Mon Jun 06 21:23:13 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 0

Mon Jun 06 21:50:40 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 0

Mon Jun 06 22:18:08 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal\_flat.cbk line 0

Mon Jun 06 22:33:18 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 0

Mon Jun 06 23:01:15 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 0

Mon Jun 06 23:28:51 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 0

WEATHER COMMENT: mcotter: Mon Jun 06 23:35:55 GMT 2022

Orographic clouds have made their way over the summit to the south and are now moving toward the viewing area. Additionally, aerosols have increased quite a bit and the Kcor NRGF and Diff images are beginning to look very grainy and blurry, though the synoptic images continue to look good.

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

WEATHER COMMENT: mcotter: Mon Jun 06 23:42:09 GMT 2022

The wind is gusting from the east-northeast with sustained winds at approximately 15 mph.

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

Mon Jun 06 23:56:18 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal\_flat.cbk line 0

Tue Jun 07 00:11:28 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 0

KCOR COMMENT BY mcotter: Tue Jun 07 00:33:01 GMT 2022

The Kcor Synoptic images are getting bright and aerosols are increasing quite a bit. The Kcor NRGF images are very grainy with aerosols, as is the Kcor Diff image. So far the clouds that came up over the summit to the south have stayed out of the viewing area.

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

Tue Jun 07 00:38:31 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 17

Tue Jun 07 00:41:03 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 0

Tue Jun 07 01:08:59 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 0

WEATHER COMMENT: mcotter: Tue Jun 07 01:12:33 GMT 2022

Orographic clouds have come up over the western slope of Maunaloa and are now approaching the science area.

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

Tue Jun 07 01:36:25 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal\_flat.cbk line 0

Tue Jun 07 01:51:36 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 0

Tue Jun 07 02:19:23 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 0

Tue Jun 07 02:46:52 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 0

WEATHER COMMENT: mcotter: Tue Jun 07 02:52:33 GMT 2022

Aerosols have gotten fairly heavy and the images are now getting bright.

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

KCOR COMMENT BY mcotter: Tue Jun 07 02:54:24 GMT 2022

The Kcor synoptic images have gotten a bit bright and the Kcor NRGF image are now very grainy and blurry.

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

GENERAL COMMENT BY mcotter: Tue Jun 07 03:02:07 GMT 2022

Beautiful day for observing, though aerosols started to get high in the mid afternoon.

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

ONSITE STAFF: mcotter