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Mauna Loa Solar Observatory Observer's Log  
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Sat Feb 26 17:39:22 GMT 2022

Year: 22 Doy: 057

Observer: mlso

Sat Feb 26 17:47:42 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal\_flat.cbk line 0

Sat Feb 26 17:48:05 GMT 2022 Kcor Focus/alignment program exited

WEATHER COMMENT: mcotter: Sat Feb 26 17:51:37 GMT 2022

Temp: 47.9f, Humidity: 20%, Pressure: 28.701in, Wind: 9mph from 137degs, Skies: Clear skies in all directions! Inversion layer visible on the horizon well below Haleakala. The wind is a bit gust out of the southeast. I left the upper dome shutter door in the lowered position due to gusty winds.

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

GENERAL COMMENT BY mcotter: Sat Feb 26 17:51:52 GMT 2022

PM Blew off Kcor 01

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

GENERAL COMMENT BY mcotter: Sat Feb 26 17:51:57 GMT 2022

PM Blew off UCoMP 01

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

UCoMP COMMENT BY mcotter: Sat Feb 26 17:52:21 GMT 2022

Ucomp instrument now running.

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

KCOR COMMENT BY mcotter: Sat Feb 26 17:54:00 GMT 2022

Kcor instrument now running.

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

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

Sat Feb 26 18:03:19 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 0

Sat Feb 26 18:31:29 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 0

Sat Feb 26 18:59:09 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 0

Sat Feb 26 19:26:48 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal\_flat.cbk line 0

Sat Feb 26 19:42:06 GMT 2022 Running UCOMP Cookbook waves\_1074\_1hour.cbk line 0

WEATHER COMMENT: mcotter: Sat Feb 26 20:09:13 GMT 2022

The winds have died off nicely and the skies remain clear in all directions with virtually no clouds on the horizon.

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

Sat Feb 26 20:23:30 GMT 2022 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20171025.ini

Sat Feb 26 20:38:48 GMT 2022 KCOR End Calibration Script

Sat Feb 26 20:51:37 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 0

Sat Feb 26 21:19:25 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal\_flat.cbk line 0

Sat Feb 26 21:34:45 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 0

Sat Feb 26 22:02:55 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 0

Sat Feb 26 22:30:35 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 0

Sat Feb 26 22:58:14 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal\_flat.cbk line 0

Sat Feb 26 23:13:32 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 0

WEATHER COMMENT: mcotter: Sat Feb 26 23:16:19 GMT 2022

It remains a beautiful, warm, clear day! So far no clouds on the horizon!

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

Sat Feb 26 23:41:52 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 0

Sun Feb 27 00:09:32 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 0

Sun Feb 27 00:33:11 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 15

Sun Feb 27 00:38:27 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal\_flat.cbk line 0

\*\*\*\*Possible CME in Progress mcotter\*\*\*\* : Sun Feb 27 00:40:23 GMT 2022

Observer reports with medium confidence a CME seeing launching near PA 90 deg, with a minimum width of 5 deg at approximately 21:02:04 UT time.

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

Sun Feb 27 00:53:45 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 0

Sun Feb 27 01:21:54 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 0

Sun Feb 27 01:49:45 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 0

Sun Feb 27 02:17:36 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal\_flat.cbk line 0

WEATHER COMMENT: mcotter: Sun Feb 27 02:17:50 GMT 2022

Aerosols are increasing and some clouds are creeping in from the west. So far so good, hopefully the clouds stay away.

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

Sun Feb 27 02:32:54 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 0

Sun Feb 27 03:01:07 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 0

WEATHER COMMENT: mcotter: Sun Feb 27 03:25:27 GMT 2022

The skies remain relatively clear except for a small group of clouds that have been sitting off the western slope of Maunaloa for last few hours. The winds are primarily from the southeast and have been holding the clouds at bay for the greater part of the afternoon, but unfortunately as the Sun continues to go down they will enter our viewing area if they do not disperse. Overall the weather has been beautiful today and warmer than recent days. Perhaps it will be an early spring here in the Hawaiian Islands!

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

GENERAL COMMENT BY mcotter: Sun Feb 27 03:26:16 GMT 2022

The domes automatic advancement has been disabled at this time.

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

Sun Feb 27 03:29:07 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 0

GENERAL COMMENT BY mcotter: Sun Feb 27 03:32:44 GMT 2022

The tack mats in the dome vestibule and clean room have been changed.

All the observatory trash receptacles have been emptied.

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

WEATHER COMMENT: mcotter: Sun Feb 27 03:34:05 GMT 2022

Aerosols are beginning to increase, but it appears that the clouds off to the west have begun to dissipate.

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

WEATHER COMMENT: mcotter: Sun Feb 27 03:45:31 GMT 2022

Though the clouds to the west have seemingly dissipated they have left behind high levels of aerosols that are beginning to wash out the images.

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

GENERAL COMMENT BY mcotter: Sun Feb 27 03:48:07 GMT 2022

Both instrument have been stopped.

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

GENERAL COMMENT BY mcotter: Sun Feb 27 03:49:45 GMT 2022

Magnificent day!

Satellite images show clear skies all around the Hawaiian Islands in all directions. Lets hope it last!

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

ONSITE STAFF: mcotter