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Mauna Loa Solar Observatory Observer's Log  
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Mon Mar 21 17:21:03 GMT 2022

Year: 22 Doy: 080

Observer: mlso

WEATHER COMMENT: mcotter: Mon Mar 21 17:23:55 GMT 2022

Temp: 38.8f, Humidity: 31%, Pressure: 28.734in, Wind: 6mph from 184degs, Skies: clear  
\_\_\_\_end\_\_\_\_

GENERAL COMMENT BY mcotter: Mon Mar 21 17:24:00 GMT 2022

Opened windows upstairs

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

GENERAL COMMENT BY mcotter: Mon Mar 21 17:24:04 GMT 2022

PM Blew off Kcor 01

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

GENERAL COMMENT BY mcotter: Mon Mar 21 17:24:11 GMT 2022

PM Blew off UCOMP 01

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

Mon Mar 21 17:26:28 GMT 2022 Kcor Focus/alignment program exited

Mon Mar 21 17:26:28 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal\_flat.cbk line 0

Mon Mar 21 17:38:22 GMT 2022 KCOR Start Synoptic Patrol

Mon Mar 21 17:42:02 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 0

Mon Mar 21 17:44:22 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 2

Mon Mar 21 18:11:17 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 0

Mon Mar 21 18:38:56 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 0

Mon Mar 21 19:06:46 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal\_flat.cbk line 0

\*\*\*\*Possible CME in Progress mcotter\*\*\*\* : Mon Mar 21 19:17:49 GMT 2022

Observers report with High confidence a CME seeing launching near PA 100 deg, with a minimum width of 10 deg, at UT time 19:08:09.

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

Mon Mar 21 19:22:03 GMT 2022 Running UCOMP Cookbook waves\_1074\_1hour.cbk line 0

Mon Mar 21 19:39:14 GMT 2022 Running UCOMP Cookbook waves\_1074\_1hour.cbk line 31

WEATHER COMMENT: mcotter: Mon Mar 21 19:48:53 GMT 2022

The sky remains clear in all directions at this time except for a few small wisps of Cirrus on the horizon to the east. The wind remains light and steady from the west.

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

Mon Mar 21 20:16:45 GMT 2022 KCOR End Patrol

Mon Mar 21 20:16:46 GMT 2022 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20171025.ini

Mon Mar 21 20:17:41 GMT 2022 Running UCOMP Cookbook waves\_1074\_1hour.cbk line 98

Mon Mar 21 20:23:08 GMT 2022 Running UCOMP Cookbook waves\_1074\_1hour.cbk line 105

Mon Mar 21 20:24:31 GMT 2022 Running UCOMP Cookbook waves\_1074\_1hour.cbk line 106

Mon Mar 21 20:26:07 GMT 2022 Running UCOMP Cookbook waves\_1074\_1hour.cbk line 107

Mon Mar 21 20:32:01 GMT 2022 KCOR End Calibration Script

Mon Mar 21 20:32:17 GMT 2022 KCOR Start Synoptic Patrol

Mon Mar 21 20:32:17 GMT 2022 KCOR Start Synoptic Patrol

Mon Mar 21 20:35:26 GMT 2022 Running UCOMP Cookbook waves\_1074\_1hour.cbk line 122

Mon Mar 21 20:37:41 GMT 2022 Running UCOMP Cookbook no-occulter-flat.cbk line 0

Mon Mar 21 20:44:08 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 0

WEATHER COMMENT: mcotter: Mon Mar 21 20:50:47 GMT 2022

Some large clouds have formed on the eastern slope of Maunaloa and on to the west there is a small Orthographic cloud I will keep an eye on. So far the sky remains clear in the viewing area.

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

Mon Mar 21 21:12:03 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal\_flat.cbk line 0

Mon Mar 21 21:27:19 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 0

Mon Mar 21 21:33:45 GMT 2022 UCOMP Paused for clouds

Mon Mar 21 21:59:22 GMT 2022 UCOMP Restarted from pause

Mon Mar 21 22:07:12 GMT 2022 UCOMP Paused for clouds

KCOR COMMENT BY mcotter: Tue Mar 22 00:21:25 GMT 2022

PM Washed Kcor Field Lens. With soap and water

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

UCOMP COMMENT BY mcotter: Tue Mar 22 00:21:40 GMT 2022

Added a few ml of water to the ucomp camera chiller.

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

Tue Mar 22 01:25:56 GMT 2022 UCoMP Restarted from pause

Tue Mar 22 01:32:00 GMT 2022 UCoMP Paused for clouds

GENERAL COMMENT BY mcotter: Tue Mar 22 01:48:38 GMT 2022

PM Blew off Kcor 01

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

GENERAL COMMENT BY mcotter: Tue Mar 22 01:49:08 GMT 2022

PM Blew off Kcor Field Lens front and back to remove the new N spot.

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

Tue Mar 22 02:15:50 GMT 2022 UCoMP Restarted from pause

WEATHER COMMENT: mcotter: Tue Mar 22 02:22:13 GMT 2022

Lots of Orthographic clouds have moved into the viewing area from the west and additional clouds have moved in from the east-northeast.

Both Kcor and Ucomp have been stopped.

The dome shutter doors and windows have been closed in the event of precipitation.

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

GENERAL COMMENT BY mcotter: Tue Mar 22 02:52:33 GMT 2022

The morning started off nice and clear but by early afternoon clouds made their way into the viewing area. We were able to view in between the clouds for a little while but eventually had to close the dome due to overcast skies in the mid afternoon.

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

ONSITE STAFF: berkey, mcotter