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Mauna Loa Solar Observatory Observer's Log  
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Tue Dec 14 17:48:30 GMT 2021

Year: 21 Doy: 348

Observer: mcotter

WEATHER COMMENT: mcotter: Tue Dec 14 17:49:33 GMT 2021

Temp: 38.2f, Humidity: 30%, Pressure: 28.754in, Wind: 12mph from 173degs, Skies: Clear skies overhead with some clouds at lower altitudes on the horizon. Cold gusty wind blowing from the southeast. Light inversion layer visible on the horizon at or above Haleakala.

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

Tue Dec 14 17:59:33 GMT 2021 Kcor Focus/alignment program exited

Tue Dec 14 18:01:09 GMT 2021 Running UCOMP Cookbook dark\_80ms\_2beam\_16sums\_BOTH.cbk line 0

UCOMP COMMENT BY mcotter: Tue Dec 14 18:01:08 GMT 2021

The Ucomp instrument is now running.

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

Tue Dec 14 18:02:26 GMT 2021 Running UCOMP Cookbook 637\_Scan.cbk line 0

KCOR COMMENT BY mcotter: Tue Dec 14 18:03:25 GMT 2021

The Kcor instrument is now running.

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

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

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

Tue Dec 14 18:04:36 GMT 2021 Running UCOMP Cookbook 656\_Scan.cbk line 0

GENERAL COMMENT BY mcotter: Tue Dec 14 18:04:01 GMT 2021

The sky is a little bit bright but the images look good.

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

Tue Dec 14 18:06:26 GMT 2021 Running UCOMP Cookbook 789\_Scan.cbk line 0

WEATHER COMMENT: mcotter: Tue Dec 14 18:05:44 GMT 2021

The wind is moderately strong this morning, therefore I have left the dome upper door shutter partially closed to act as a windscreen.

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

Tue Dec 14 18:08:15 GMT 2021 Running UCOMP Cookbook 1074\_Scan.cbk line 0

Tue Dec 14 18:10:05 GMT 2021 Running UCOMP Cookbook 1079\_Scan.cbk line 0

Tue Dec 14 18:11:55 GMT 2021 Running UCOMP Cookbook all\_wavelength\_coronal\_flat.cbk line 0

Tue Dec 14 18:30:12 GMT 2021 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 0

Tue Dec 14 19:41:23 GMT 2021 Running UCOMP Cookbook dark\_80ms\_2beam\_16sums\_BOTH.cbk line 0

Tue Dec 14 19:42:40 GMT 2021 Running UCOMP Cookbook 637\_Pol\_Calibrate.cbk line 0

Tue Dec 14 19:47:05 GMT 2021 Running UCOMP Cookbook 656\_Pol\_Calibrate.cbk line 0

Tue Dec 14 19:49:32 GMT 2021 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20171025.ini

Tue Dec 14 19:51:09 GMT 2021 Running UCOMP Cookbook 789\_Pol\_Calibrate.cbk line 0

Tue Dec 14 19:55:13 GMT 2021 Running UCOMP Cookbook 1074\_Pol\_Calibrate.cbk line 0

Tue Dec 14 19:59:17 GMT 2021 Running UCOMP Cookbook 1079\_Pol\_Calibrate.cbk line 0

Tue Dec 14 20:03:20 GMT 2021 Running UCOMP Cookbook waves\_1074\_1hour.cbk line 0

Tue Dec 14 20:04:48 GMT 2021 KCOR End Calibration Script

Tue Dec 14 20:24:02 GMT 2021 Running UCOMP Cookbook waves\_1074\_1hour.cbk line 37

Tue Dec 14 21:14:57 GMT 2021 Running UCOMP Cookbook dark\_200\_1sums\_80ms.cbk line 0

Tue Dec 14 21:19:56 GMT 2021 Running UCOMP Cookbook all\_wavelength\_coronal\_flat.cbk line 0

Tue Dec 14 21:26:54 GMT 2021 UCOMP Paused for clouds

WEATHER COMMENT: mcotter: Tue Dec 14 21:26:39 GMT 2021

There are some Orthographic clouds beginning to encroach into the viewing area from the with additional clouds forming then dissipating in the area of the viewing area.

Both instruments have been paused.

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

Tue Dec 14 22:10:19 GMT 2021 UCOMP Restarted from pause

GENERAL COMMENT BY mcotter: Tue Dec 14 22:11:40 GMT 2021

The clouds in the viewing area have dissipated and the instruments are again running.

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

Tue Dec 14 22:21:47 GMT 2021 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 0

Tue Dec 14 23:27:59 GMT 2021 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 29

Tue Dec 14 23:38:03 GMT 2021 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 0

Wed Dec 15 00:48:54 GMT 2021 Running UCOMP Cookbook dark\_80ms\_2beam\_16sums\_BOTH.cbk line 0

e 0

Wed Dec 15 00:50:11 GMT 2021 Running UCOMP Cookbook 1074\_Pol\_Calibrate.cbk line 0

Wed Dec 15 00:54:35 GMT 2021 Running UCOMP Cookbook all\_wavelength\_coronal\_flat.cbk line 0

e 0

Wed Dec 15 01:12:42 GMT 2021 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 0

Wed Dec 15 02:24:05 GMT 2021 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 0

GENERAL COMMENT BY mcotter: Wed Dec 15 02:43:40 GMT 2021

Beautiful day!

Except for a brief period time around noon when clouds came into the viewing area the day has been clear. In the late afternoon the sky became a little bright, but the images looked good.

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

GENERAL COMMENT BY mcotter: Wed Dec 15 02:44:04 GMT 2021

Emptied trash containers in dome and control room

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

UCOMP COMMENT BY mcotter: Wed Dec 15 02:46:16 GMT 2021

When I shut down the Ucomp instrument I observed that neither cover nor the shutter went into the beam and I had to manually put them in the beam.

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

ONSITE STAFF: