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Mauna Loa Solar Observatory Observer's Log  
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Tue Feb 8 17:40:16 GMT 2022

Year: 22 Doy: 039

Observer: mlso

GENERAL COMMENT BY mcotter: Tue Feb 08 17:40:45 GMT 2022

Opened windows upstairs

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

GENERAL COMMENT BY mcotter: Tue Feb 08 17:41:03 GMT 2022

PM Blew off UCOMP 01

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

GENERAL COMMENT BY mcotter: Tue Feb 08 17:41:09 GMT 2022

PM Blew off Kcor 01

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

WEATHER COMMENT: mcotter: Tue Feb 08 17:42:26 GMT 2022

Temp: 38.3f, Humidity: 5%, Pressure: 28.79in, Wind: 6mph from 140degs, Skies:Beautiful clear skies in all directions! Gray blue inversion layer visible on the horizon well be low Haleakala.

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

Tue Feb 08 17:58:05 GMT 2022 Running UCOMP Cookbook dark\_80ms\_2beam\_16sums\_BOTH.cbk line 0

Tue Feb 08 17:59:22 GMT 2022 Running UCOMP Cookbook 637\_Scan.cbk line 0

Tue Feb 08 18:01:32 GMT 2022 Running UCOMP Cookbook 656\_Scan.cbk line 0

UCOMP COMMENT BY mcotter: Tue Feb 08 18:02:49 GMT 2022

Ucomp instrument up and running.

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

Tue Feb 08 18:03:22 GMT 2022 Running UCOMP Cookbook 789\_Scan.cbk line 0

KCOR COMMENT BY mcotter: Tue Feb 08 18:03:47 GMT 2022

Kcor instrument up and running.

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

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

Tue Feb 08 18:05:11 GMT 2022 Running UCOMP Cookbook 1074\_Scan.cbk line 0

Tue Feb 08 18:07:01 GMT 2022 Running UCOMP Cookbook 1079\_Scan.cbk line 0

Tue Feb 08 18:08:50 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal\_flat.cbk line 0

Tue Feb 08 18:26:57 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 0

Tue Feb 08 19:38:20 GMT 2022 Running UCOMP Cookbook no-occulter-flat.cbk line 0

Tue Feb 08 19:44:52 GMT 2022 Running UCOMP Cookbook dark\_80ms\_2beam\_16sums\_BOTH.cbk line 0

Tue Feb 08 19:46:09 GMT 2022 Running UCOMP Cookbook 637\_Pol\_Calibrate.cbk line 0

Tue Feb 08 19:50:28 GMT 2022 Running UCOMP Cookbook 656\_Pol\_Calibrate.cbk line 0

Tue Feb 08 19:54:32 GMT 2022 Running UCOMP Cookbook 789\_Pol\_Calibrate.cbk line 0

Tue Feb 08 19:58:35 GMT 2022 Running UCOMP Cookbook 1074\_Pol\_Calibrate.cbk line 0

Tue Feb 08 20:02:39 GMT 2022 Running UCOMP Cookbook 1079\_Pol\_Calibrate.cbk line 0

Tue Feb 08 20:06:43 GMT 2022 Running UCOMP Cookbook waves\_1074\_1hour.cbk line 0

Tue Feb 08 20:18:11 GMT 2022 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20171025.ini

Tue Feb 08 20:19:41 GMT 2022 Running UCOMP Cookbook waves\_1074\_1hour.cbk line 24

Tue Feb 08 20:33:27 GMT 2022 KCOR End Calibration Script

Tue Feb 08 21:17:54 GMT 2022 Running UCOMP Cookbook dark\_200\_1sums\_80ms.cbk line 0

Tue Feb 08 21:22:53 GMT 2022 Running UCOMP Cookbook no-occulter-flat.cbk line 0

Tue Feb 08 21:29:24 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal\_flat.cbk line 0

Tue Feb 08 21:47:56 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 0

Tue Feb 08 22:12:36 GMT 2022 Kcor Focus/alignment program exited

Tue Feb 08 22:50:27 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 29

Tue Feb 08 23:00:41 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 0

Wed Feb 09 00:11:42 GMT 2022 Running UCOMP Cookbook dark\_80ms\_2beam\_16sums\_BOTH.cbk line 0

Wed Feb 09 00:12:59 GMT 2022 Running UCOMP Cookbook 1074\_Pol\_Calibrate.cbk line 0

Wed Feb 09 00:17:23 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal\_flat.cbk line 0

Wed Feb 09 00:35:30 GMT 2022 Running UCOMP Cookbook no-occulter-flat.cbk line 0

WEATHER COMMENT: mcotter: Wed Feb 09 00:41:29 GMT 2022

Aerosols have increased greatly and the Kcor Synoptic images have gotten noticeably lighter.

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

Wed Feb 09 00:41:23 GMT 2022 UCoMP Paused for clouds

GENERAL COMMENT BY mcotter: Wed Feb 09 00:43:35 GMT 2022

Instruments paused due to bright sky conditions.

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

WEATHER COMMENT: mcotter: Wed Feb 09 01:18:50 GMT 2022

Clouds have crept into the viewing area of the instruments from all directions and are also forming and dissipating above the observatory.

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

WEATHER COMMENT: mcotter: Wed Feb 09 01:44:43 GMT 2022

Cloud coverage continues to increase with some darker clouds now over the observatory.

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

GENERAL COMMENT BY mcotter: Wed Feb 09 01:45:35 GMT 2022

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

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

Wed Feb 09 02:44:59 GMT 2022 UCoMP Restarted from pause

GENERAL COMMENT BY mcotter: Wed Feb 09 03:03:33 GMT 2022

The day started out clear and beautiful. By early afternoon the sky started to get too bright to observe. More clouds moved into the observatory area in the mid afternoon and stayed for the remainder of the day.

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

ONSITE STAFF: mcotter