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Mauna Loa Solar Observatory Observer's Log  
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Wed Jan 12 17:49:00 GMT 2022

Year: 22 Doy: 012

Observer: berkey

WEATHER COMMENT: berkey: Wed Jan 12 17:49:35 GMT 2022

Temp: 37.2f, Humidity: 21%, Pressure: 28.81in, Wind: 9mph from 181degs, Skies: clear

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

Wed Jan 12 17:58:19 GMT 2022 Running UCOMP Cookbook dark\_80ms\_2beam\_16sums\_BOTH.cbk line 0

Wed Jan 12 17:59:36 GMT 2022 Running UCOMP Cookbook 637\_Scan.cbk line 0

Wed Jan 12 18:02:05 GMT 2022 Running UCOMP Cookbook 656\_Scan.cbk line 0

Wed Jan 12 18:02:22 GMT 2022 SGS Alignment complete

Wed Jan 12 18:03:54 GMT 2022 Running UCOMP Cookbook 789\_Scan.cbk line 0

Wed Jan 12 18:05:01 GMT 2022 Kcor Focus/alignment program exited

Wed Jan 12 18:05:44 GMT 2022 Running UCOMP Cookbook 1074\_Scan.cbk line 0

Wed Jan 12 18:07:33 GMT 2022 Running UCOMP Cookbook 1079\_Scan.cbk line 0

Wed Jan 12 18:09:23 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal\_flat.cbk line 0

GENERAL COMMENT BY berkey: Wed Jan 12 18:14:54 GMT 2022

PM Blew off Kcor 01

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

GENERAL COMMENT BY berkey: Wed Jan 12 18:15:03 GMT 2022

PM Blew off UCoMP 01

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

Wed Jan 12 18:27:30 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 0

Wed Jan 12 19:38:52 GMT 2022 Running UCOMP Cookbook no-occulter-flat.cbk line 0

Wed Jan 12 19:45:25 GMT 2022 Running UCOMP Cookbook dark\_80ms\_2beam\_16sums\_BOTH.cbk line 0

Wed Jan 12 19:46:42 GMT 2022 Running UCOMP Cookbook 637\_Pol\_Calibrate.cbk line 0

Wed Jan 12 19:51:02 GMT 2022 Running UCOMP Cookbook 656\_Pol\_Calibrate.cbk line 0

\*\*\*\*Possible CME in Progress berkey\*\*\*\* : Wed Jan 12 19:51:43 GMT 2022

Observers report with medium] confidence a JET seen launching near PA 70] with a minimum width of 5 at UT time 18:00UT

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

Wed Jan 12 19:51:24 GMT 2022 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20171025.ini

Wed Jan 12 19:55:07 GMT 2022 Running UCOMP Cookbook 789\_Pol\_Calibrate.cbk line 0

Wed Jan 12 19:59:11 GMT 2022 Running UCOMP Cookbook 1074\_Pol\_Calibrate.cbk line 0

Wed Jan 12 20:03:15 GMT 2022 Running UCOMP Cookbook 1079\_Pol\_Calibrate.cbk line 0

Wed Jan 12 20:06:40 GMT 2022 KCOR End Calibration Script

Wed Jan 12 20:07:19 GMT 2022 Running UCOMP Cookbook waves\_1074\_1hour.cbk line 0

Wed Jan 12 20:12:29 GMT 2022 Running UCOMP Cookbook waves\_1074\_1hour.cbk line 11

Wed Jan 12 21:17:58 GMT 2022 Running UCOMP Cookbook dark\_200\_1sums\_80ms.cbk line 0

Wed Jan 12 21:22:57 GMT 2022 Running UCOMP Cookbook no-occulter-flat.cbk line 0

Wed Jan 12 21:29:28 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal\_flat.cbk line 0

Wed Jan 12 21:47:51 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 0

Wed Jan 12 22:59:04 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 0

GENERAL COMMENT BY berkey: Wed Jan 12 23:28:48 GMT 2022

Starting to see some clouds around the site.

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

Wed Jan 12 23:46:00 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 24

Wed Jan 12 23:52:34 GMT 2022 UCoMP Paused for clouds

UCoMP COMMENT BY berkey: Thu Jan 13 01:49:32 GMT 2022

Inspected location of the UCoMP filed lens. To complete this the field lens was removed from the telescope and measured.

The telescope tube was then inspected for spiderwebs or other material that might be increasing our instrumental background, nothing was found. On inspection it seemed like there might be a small light leak at the front and back of the telescope tube; so the gaps at the front and back were taped off to eliminate this possibility. It was also found that 2 of the bolts that hold the lens over/diffuser mechanism on the front of the tube protruded slightly into the tube. There is a slight possibility (<1mm) that these could be scattering light into the rest of the instrument, so they were backed off slightly to bring them back out of the tube.

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

GENERAL COMMENT BY berkey: Thu Jan 13 02:02:40 GMT 2022

Moved the dome closure UPS into the network rack.

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

ONSITE STAFF: berkey