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Mauna Loa Solar Observatory Observer's Log  
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Wed Sep 7 16:53:47 GMT 2022

Year: 22 Doy: 250

Observer: berkey

WEATHER COMMENT: berkey: Wed Sep 07 16:53:19 GMT 2022

Temp: 41.8f, Humidity: 48%, Pressure: 28.701in, Wind: 10mph from 229degs, Skies: clear  
\_\_\_\_end\_\_\_\_

GENERAL COMMENT BY berkey: Wed Sep 07 16:58:09 GMT 2022

PM Blew off Kcor 01

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

GENERAL COMMENT BY berkey: Wed Sep 07 16:58:13 GMT 2022

PM Blew off UCOMP 01

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

Wed Sep 07 17:13:10 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal\_flat.cbk line 0

Wed Sep 07 17:17:22 GMT 2022 Kcor Focus/alignment program exited

Wed Sep 07 17:33:31 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 0

Wed Sep 07 18:12:11 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 0

Wed Sep 07 18:50:15 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 0

KCOR COMMENT BY berkey: Wed Sep 07 19:02:34 GMT 2022

Small fringe pattern seen in the north of the NRGF images. Pattern has a ~45 degree tilt the image and appears to get as far south as 80degrees in the east and 310 degrees in the west.

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

Wed Sep 07 19:17:06 GMT 2022 KCOR Start Synoptic Patrol

Wed Sep 07 19:26:20 GMT 2022 KCOR End Patrol

Wed Sep 07 19:26:21 GMT 2022 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20171025.ini

Wed Sep 07 19:28:17 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal\_flat.cbk line 0

Wed Sep 07 19:41:35 GMT 2022 KCOR End Calibration Script

Wed Sep 07 19:41:52 GMT 2022 KCOR Start Synoptic Patrol

Wed Sep 07 19:41:52 GMT 2022 KCOR Start Synoptic Patrol

Wed Sep 07 19:48:52 GMT 2022 Running UCOMP Cookbook waves\_1074\_1hour.cbk line 0

GENERAL COMMENT BY berkey: Wed Sep 07 20:15:49 GMT 2022

Aerosols are starting to build.

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

Wed Sep 07 20:46:03 GMT 2022 Running UCOMP Cookbook waves\_1074\_1hour.cbk line 102

Wed Sep 07 21:00:29 GMT 2022 Running UCOMP Cookbook dark\_80ms\_2beam\_16sums\_BOTH.cbk line 0

Wed Sep 07 21:01:46 GMT 2022 Running UCOMP Cookbook 637\_Pol\_Calibrate.cbk line 0

Wed Sep 07 21:05:50 GMT 2022 Running UCOMP Cookbook 706\_Pol\_Calibrate.cbk line 0

GENERAL COMMENT BY berkey: Wed Sep 07 21:06:49 GMT 2022

Low clouds coming up from the NW

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

Wed Sep 07 21:07:31 GMT 2022 UCOMP Paused for clouds

Wed Sep 07 21:10:17 GMT 2022 UCOMP Restarted from pause

Wed Sep 07 21:12:35 GMT 2022 Running UCOMP Cookbook 789\_Pol\_Calibrate.cbk line 0

Wed Sep 07 21:16:39 GMT 2022 Running UCOMP Cookbook 1074\_Pol\_Calibrate.cbk line 0

Wed Sep 07 21:20:52 GMT 2022 Running UCOMP Cookbook 1079\_Pol\_Calibrate.cbk line 0

Wed Sep 07 21:24:56 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 0

Wed Sep 07 21:39:01 GMT 2022 UCOMP Paused for clouds

Wed Sep 07 21:39:07 GMT 2022 KCOR End Patrol

GENERAL COMMENT BY berkey: Wed Sep 07 21:39:01 GMT 2022

Starting to cloud over, pausing observing.

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

Wed Sep 07 21:46:55 GMT 2022 UCOMP Restarted from pause

Wed Sep 07 21:53:33 GMT 2022 UCOMP Paused for clouds

GENERAL COMMENT BY berkey: Wed Sep 07 22:02:19 GMT 2022

Dome az track slightly slipped when the shutter was pointing around 145 degrees.

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

GENERAL COMMENT BY berkey: Wed Sep 07 22:05:41 GMT 2022

Dome closed for clouds.

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

GENERAL COMMENT BY berkey: Wed Sep 07 22:52:10 GMT 2022

Inspected the old SGS PXie chassis. It looks like the system stopped booting due to a dead cooling fan. I think with a replacement fan (and appropriate sized power supply) we should be able to use this chassis as a spare. Replacement fan on order; we can order a new power supply if the fan fixes the chassis.

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

Wed Sep 07 23:30:04 GMT 2022 UCoMP Restarted from pause

ONSITE STAFF: berkey