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Mauna Loa Solar Observatory Observer's Log  
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Fri Oct 22 16:03:18 GMT 2021

Year: 21 Doy: 295

Observer: lisapg

WEATHER COMMENT: lisapg: Fri Oct 22 16:37:46 GMT 2021

Temp: 38.0f with wind speed at about 7-13mph from the South. Sky looks clear

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

GENERAL COMMENT BY lisapg: Fri Oct 22 17:01:45 GMT 2021

Currently trouble shooting why SGS computer is not showing up on the monitors downstairs but on the monitor upstairs.

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

Fri Oct 22 17:52:52 GMT 2021 Kcor Focus/alignment program exited

Fri Oct 22 17:54:09 GMT 2021 Running UCOMP Cookbook dark\_80ms\_2beam\_16sums\_BOTH.cbk line 0

Fri Oct 22 17:54:21 GMT 2021 KCOR Start Synoptic Patrol

Fri Oct 22 17:55:26 GMT 2021 Running UCOMP Cookbook 637\_Scan.cbk line 0

UCoMP COMMENT BY berkey: Fri Oct 22 17:56:04 GMT 2021

Found a new focus position for O1#2 this appears to be +.97mm from the O1#1 position. This means 1083 is not currently within our focus range. To test the performance of this new lens we will run without 1083 for a couple of days.

Instrumnet\_config.ini was updated to reflect the new O1 focus positions. And the recipes were updated to remove 1083 from today's program.

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

Fri Oct 22 17:57:49 GMT 2021 Running UCOMP Cookbook 656\_Scan.cbk line 0

Fri Oct 22 17:59:47 GMT 2021 Running UCOMP Cookbook 789\_Scan.cbk line 0

Fri Oct 22 18:01:47 GMT 2021 Running UCOMP Cookbook 1074\_Scan.cbk line 0

Fri Oct 22 18:03:48 GMT 2021 Running UCOMP Cookbook 1079\_Scan.cbk line 0

GENERAL COMMENT BY lisapg: Fri Oct 22 18:04:39 GMT 2021

Seems like there was an issue with the black box connectors that caused the downstairs monitors not to receive a signal. Ben helped me install a new cable directly into SGS and route it down to the vgm splitter and black box in the rack down here to get the monitors 2 and 3 to receive signal again. Currently up and running, thank you Ben for your help!

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

GENERAL COMMENT BY lisapg: Fri Oct 22 18:04:45 GMT 2021

Opened windows upstairs

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

GENERAL COMMENT BY lisapg: Fri Oct 22 18:04:48 GMT 2021

PM Blew off Kcor O1

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

GENERAL COMMENT BY lisapg: Fri Oct 22 18:04:51 GMT 2021

PM Blew off UCoMP O1

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

Fri Oct 22 18:05:46 GMT 2021 Running UCOMP Cookbook all\_wavelength\_coronal\_flat.cbk line 0

\*\*\*\*Possible CME in Progress lisapg\*\*\*\* : Fri Oct 22 18:13:15 GMT 2021

Possible CME seen launching between PA 45-55 at time 175355UT (startup)

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

GENERAL COMMENT BY lisapg: Fri Oct 22 18:22:48 GMT 2021

Forgot the guider offset values were flipped. Kcor data has a visible shift from my mistake.

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

Fri Oct 22 18:24:46 GMT 2021 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 0

\*\*\*\*Possible CME in Progress lisapg\*\*\*\* : Fri Oct 22 18:43:46 GMT 2021

Possible CME seen launching between PA:100-110 at time 18:26:01UT

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

Fri Oct 22 19:15:11 GMT 2021 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 25

Fri Oct 22 19:38:31 GMT 2021 Running UCOMP Cookbook dark\_80ms\_2beam\_16sums\_BOTH.cbk line 0

Fri Oct 22 19:39:49 GMT 2021 Running UCOMP Cookbook 637\_Pol\_Calibrate.cbk line 0

Fri Oct 22 19:44:21 GMT 2021 Running UCOMP Cookbook 656\_Pol\_Calibrate.cbk line 0

Fri Oct 22 19:48:35 GMT 2021 Running UCOMP Cookbook 789\_Pol\_Calibrate.cbk line 0

Fri Oct 22 19:52:51 GMT 2021 Running UCOMP Cookbook 1074\_Pol\_Calibrate.cbk line 0

Fri Oct 22 19:57:07 GMT 2021 Running UCOMP Cookbook 1079\_Pol\_Calibrate.cbk line 0

Fri Oct 22 20:01:20 GMT 2021 Running UCOMP Cookbook waves\_1074\_1hour.cbk line 0  
\*\*\*\*Possible CME in Progress lisapg\*\*\*\* : Fri Oct 22 20:13:58 GMT 2021  
Possible second CME seen launching between PA:100-110 at time 19:06:14UT  
\_\_\_\_end\_\_\_\_  
Fri Oct 22 20:57:22 GMT 2021 Running UCOMP Cookbook dark\_200\_1sums\_80ms.cbk line 0  
Fri Oct 22 21:02:22 GMT 2021 Running UCOMP Cookbook all\_wavelength\_coronal\_flat.cbk line 0  
Fri Oct 22 21:21:41 GMT 2021 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 0  
Fri Oct 22 22:29:12 GMT 2021 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 30  
Fri Oct 22 22:35:16 GMT 2021 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 0  
\*\*\*\*Possible CME in Progress lisapg\*\*\*\* : Fri Oct 22 22:41:55 GMT 2021  
Possible CME seen launching between PA:40-95 at time 21:00:01UT; incredibly faint.  
\_\_\_\_end\_\_\_\_  
Fri Oct 22 23:47:13 GMT 2021 Running UCOMP Cookbook dark\_80ms\_2beam\_16sums\_BOTH.cbk line 0  
Fri Oct 22 23:48:30 GMT 2021 Running UCOMP Cookbook 1074\_Pol\_Calibrate.cbk line 0  
Fri Oct 22 23:53:07 GMT 2021 Running UCOMP Cookbook all\_wavelength\_coronal\_flat.cbk line 0  
Sat Oct 23 00:12:06 GMT 2021 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 0  
Sat Oct 23 01:00:19 GMT 2021 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 24  
Sat Oct 23 01:25:46 GMT 2021 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 0  
Sat Oct 23 02:37:43 GMT 2021 Running UCOMP Cookbook all\_wavelength\_coronal\_flat.cbk line 0  
Sat Oct 23 02:56:59 GMT 2021 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 0  
Sat Oct 23 03:23:27 GMT 2021 KCOR End Patrol  
GENERAL COMMENT BY lisapg: Sat Oct 23 03:27:31 GMT 2021  
Afternoon had a high amount of aerosols but it was a nice long day to take data.  
\_\_\_\_end\_\_\_\_  
ONSITE STAFF: lisapg