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Mauna Loa Solar Observatory Observer's Log  
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Sun Dec 12 16:32:01 GMT 2021

Year: 21 Doy: 346

Observer: lisapg

WEATHER COMMENT: lisapg: Sun Dec 12 17:05:46 GMT 2021

Temp: 39.5f with wind speed at about 15-20mph from the Southeast. Sky has a few bands of cirrus but currently clear overhead.

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

GENERAL COMMENT BY lisapg: Sun Dec 12 17:28:30 GMT 2021

Opened windows upstairs

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

GENERAL COMMENT BY lisapg: Sun Dec 12 17:28:35 GMT 2021

PM Blew off Kcor 01

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

GENERAL COMMENT BY lisapg: Sun Dec 12 17:28:39 GMT 2021

PM Blew off UCOMP 01

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

GENERAL COMMENT BY lisapg: Sun Dec 12 17:53:54 GMT 2021

Sky currently too bright to take data; waiting for better conditions before starting.

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

Sun Dec 12 18:03:56 GMT 2021 Kcor Focus/alignment program exited

Sun Dec 12 18:05:19 GMT 2021 KCOR Start Synoptic Patrol

Sun Dec 12 18:05:28 GMT 2021 Running UCOMP Cookbook dark\_80ms\_2beam\_16sums\_BOTH.cbk line 0

Sun Dec 12 18:06:45 GMT 2021 Running UCOMP Cookbook 637\_Scan.cbk line 0

Sun Dec 12 18:08:57 GMT 2021 Running UCOMP Cookbook 656\_Scan.cbk line 0

Sun Dec 12 18:10:46 GMT 2021 Running UCOMP Cookbook 789\_Scan.cbk line 0

Sun Dec 12 18:12:36 GMT 2021 Running UCOMP Cookbook 1074\_Scan.cbk line 0

Sun Dec 12 18:14:25 GMT 2021 Running UCOMP Cookbook 1079\_Scan.cbk line 0

Sun Dec 12 18:16:15 GMT 2021 Running UCOMP Cookbook all\_wavelength\_coronal\_flat.cbk line 0

Sun Dec 12 18:34:22 GMT 2021 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 0

Sun Dec 12 19:06:51 GMT 2021 KCOR End Patrol

Sun Dec 12 19:06:52 GMT 2021 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20171025.ini

Sun Dec 12 19:22:06 GMT 2021 KCOR End Calibration Script

Sun Dec 12 19:22:22 GMT 2021 KCOR Start Synoptic Patrol

Sun Dec 12 19:22:23 GMT 2021 KCOR Start Synoptic Patrol

GENERAL COMMENT BY lisapg: Sun Dec 12 19:39:09 GMT 2021

Wind is starting to shift from the Southeast to East. Going to keep moving the dome as far South as I can to reduced the winds' influence on the Spar.

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

Sun Dec 12 19:42:59 GMT 2021 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 36

Sun Dec 12 19:46:52 GMT 2021 Running UCOMP Cookbook dark\_80ms\_2beam\_16sums\_BOTH.cbk line 0

Sun Dec 12 19:48:09 GMT 2021 Running UCOMP Cookbook 637\_Pol\_Calibrate.cbk line 0

Sun Dec 12 19:52:33 GMT 2021 Running UCOMP Cookbook 656\_Pol\_Calibrate.cbk line 0

Sun Dec 12 19:56:37 GMT 2021 Running UCOMP Cookbook 789\_Pol\_Calibrate.cbk line 0

Sun Dec 12 20:00:41 GMT 2021 Running UCOMP Cookbook 1074\_Pol\_Calibrate.cbk line 0

Sun Dec 12 20:04:45 GMT 2021 Running UCOMP Cookbook 1079\_Pol\_Calibrate.cbk line 0

Sun Dec 12 20:08:49 GMT 2021 Running UCOMP Cookbook waves\_1074\_1hour.cbk line 0

Sun Dec 12 21:18:28 GMT 2021 Running UCOMP Cookbook dark\_200\_1sums\_80ms.cbk line 0

Sun Dec 12 21:23:26 GMT 2021 Running UCOMP Cookbook all\_wavelength\_coronal\_flat.cbk line 0

\*\*\*\*EVENT COMMENT BY lisapg\*\*\*\* : Sun Dec 12 21:26:39 GMT 2021

Between PA 105-115, it looks like a prominence is becoming more defined and forming a connection.

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

Sun Dec 12 21:41:55 GMT 2021 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 0

Sun Dec 12 22:24:51 GMT 2021 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 22

Sun Dec 12 22:54:10 GMT 2021 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 0

\*\*\*\*Possible CME in Progress lisapg\*\*\*\* : Sun Dec 12 23:17:22 GMT 2021

Observers report with medium confidence a CME seeing launching between PA 105-120 at UT time 21:04:01.

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

\*\*\*\*EVENT COMMENT BY lisapg\*\*\*\* : Sun Dec 12 23:22:43 GMT 2021

From 22:29:59 to 23:10:27 UT between PA 315-325, you can see a prominence brightening and then dimming.

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

Sun Dec 12 23:36:27 GMT 2021 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 22  
Mon Dec 13 00:05:44 GMT 2021 Running UCOMP Cookbook dark\_80ms\_2beam\_16sums\_BOTH.cbk line 0  
Mon Dec 13 00:07:01 GMT 2021 Running UCOMP Cookbook 1074\_Pol\_Calibrate.cbk line 0  
Mon Dec 13 00:11:26 GMT 2021 Running UCOMP Cookbook all\_wavelength\_coronal\_flat.cbk line 0  
Mon Dec 13 00:29:33 GMT 2021 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 0  
Mon Dec 13 01:40:44 GMT 2021 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 0

\*\*\*\*Possible CME in Progress lisapg\*\*\*\* : Mon Dec 13 02:29:29 GMT 2021

Observers report with low confidence a CME seeing launching between PA 100-110 at UT time 00:21:15.

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

Mon Dec 13 02:51:44 GMT 2021 Running UCOMP Cookbook all\_wavelength\_coronal\_flat.cbk line 0  
Mon Dec 13 03:10:12 GMT 2021 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 0  
Mon Dec 13 03:20:38 GMT 2021 KCOR End Patrol

GENERAL COMMENT BY lisapg: Mon Dec 13 03:27:09 GMT 2021

A great day to take data; high winds kept the aerosols down and the cirrus kept missing the Sun.

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

ONSITE STAFF: lisapg