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Mauna Loa Solar Observatory Observer's Log  
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Sun Oct 10 15:52:37 GMT 2021

Year: 21 Doy: 283

Observer: lisapg

Log Type BY lisapg: Sun Oct 10 16:16:00 GMT 2021

Thorlabs APT User was crashing when opening, restarted log computer.

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

WEATHER COMMENT: lisapg: Sun Oct 10 16:25:54 GMT 2021

Temp: 42.2f with wind speed at about 15-20mph from the South-Southeast. Random patches of cirrus can be seen above but it looks like it may be clear in the Suns' path.

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

GENERAL COMMENT BY lisapg: Sun Oct 10 16:47:24 GMT 2021

Opened windows upstairs

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

GENERAL COMMENT BY lisapg: Sun Oct 10 16:47:31 GMT 2021

PM Blew off Kcor 01

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

GENERAL COMMENT BY lisapg: Sun Oct 10 16:47:34 GMT 2021

PM Blew off UCOMP 01

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

GENERAL COMMENT BY lisapg: Sun Oct 10 16:50:13 GMT 2021

Cirrus crossing the Sun, waiting for it to pass before starting UComp

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

Sun Oct 10 17:28:09 GMT 2021 Kcor Focus/alignment program exited

Sun Oct 10 17:29:30 GMT 2021 KCOR Start Synoptic Patrol

Sun Oct 10 17:29:39 GMT 2021 Running UCOMP Cookbook dark\_80ms\_2beam\_16sums\_BOTH.cbk line 0

Sun Oct 10 17:31:05 GMT 2021 Running UCOMP Cookbook 637\_Scan.cbk line 0

Sun Oct 10 17:33:36 GMT 2021 Running UCOMP Cookbook 656\_Scan.cbk line 0

Sun Oct 10 17:35:42 GMT 2021 Running UCOMP Cookbook 789\_Scan.cbk line 0

Sun Oct 10 17:37:50 GMT 2021 Running UCOMP Cookbook 1074\_Scan.cbk line 0

Sun Oct 10 17:39:59 GMT 2021 Running UCOMP Cookbook 1079\_Scan.cbk line 0

KCOR COMMENT BY lisapg: Sun Oct 10 17:41:45 GMT 2021

PM Blew off Kcor Field Lens to address the artifacts in the South of the data.

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

Sun Oct 10 17:42:05 GMT 2021 Running UCOMP Cookbook 1083\_Scan.cbk line 0

Sun Oct 10 17:44:11 GMT 2021 Running UCOMP Cookbook all\_wavelength\_coronal\_flat.cbk line 0

Sun Oct 10 17:46:20 GMT 2021 Running UCOMP Cookbook all\_wavelength\_coronal\_flat.cbk line 1

Sun Oct 10 18:12:14 GMT 2021 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 0

Sun Oct 10 19:01:00 GMT 2021 KCOR End Patrol

Sun Oct 10 19:01:01 GMT 2021 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20171025.ini

Sun Oct 10 19:16:17 GMT 2021 KCOR End Calibration Script

Sun Oct 10 19:16:34 GMT 2021 KCOR Start Synoptic Patrol

Sun Oct 10 19:16:34 GMT 2021 KCOR Start Synoptic Patrol

Sun Oct 10 19:22:01 GMT 2021 Running UCOMP Cookbook dark\_80ms\_2beam\_16sums\_BOTH.cbk line 0

Sun Oct 10 19:23:26 GMT 2021 Running UCOMP Cookbook 637\_Pol\_Calibrate.cbk line 0

Sun Oct 10 19:28:10 GMT 2021 Running UCOMP Cookbook 656\_Pol\_Calibrate.cbk line 0

Sun Oct 10 19:32:39 GMT 2021 Running UCOMP Cookbook 789\_Pol\_Calibrate.cbk line 0  
Sun Oct 10 19:37:01 GMT 2021 Running UCOMP Cookbook 1074\_Pol\_Calibrate.cbk line 0  
Sun Oct 10 19:41:23 GMT 2021 Running UCOMP Cookbook 1079\_Pol\_Calibrate.cbk line 0  
Sun Oct 10 19:45:43 GMT 2021 Running UCOMP Cookbook 1083\_Pol\_Calibrate.cbk line 0  
Sun Oct 10 19:50:03 GMT 2021 Running UCOMP Cookbook waves\_1074\_1hour.cbk line 0  
Sun Oct 10 20:53:31 GMT 2021 Running UCOMP Cookbook dark\_200\_1sums\_80ms.cbk line 0  
Sun Oct 10 20:54:58 GMT 2021 Running UCOMP Cookbook dark\_200\_1sums\_80ms.cbk line 1  
Sun Oct 10 20:59:55 GMT 2021 Running UCOMP Cookbook all\_wavelength\_coronal\_flat.cbk line 0

GENERAL COMMENT BY lisapg: Sun Oct 10 21:04:19 GMT 2021

Power went out briefly, came back on already

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

Sun Oct 10 21:26:07 GMT 2021 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 0

Sun Oct 10 21:49:10 GMT 2021 KCOR End Patrol

GENERAL COMMENT BY lisapg: Sun Oct 10 21:49:25 GMT 2021

Very big earthquake just hit; Spar is now oscillating and is taking a while to recover. Covers are in as soon as I was able.

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

GENERAL COMMENT BY lisapg: Sun Oct 10 21:51:10 GMT 2021

SGS wasn't recovering, had to stop and start guiding to get it to recover.

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

Sun Oct 10 21:52:21 GMT 2021 KCOR Start Synoptic Patrol

Sun Oct 10 21:57:12 GMT 2021 UCoMP Paused for clouds

Sun Oct 10 21:57:16 GMT 2021 KCOR End Patrol

GENERAL COMMENT BY lisapg: Sun Oct 10 21:58:46 GMT 2021

Low cloud coming in fast, dome closed and instruments idled

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

GENERAL COMMENT BY lisapg: Sun Oct 10 22:06:05 GMT 2021

There was a 6.1 magnitude earthquake Southwest of the Loihi, which is an island growing off to the Southeast (or East from Southpoint) of the island.

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

GENERAL COMMENT BY lisapg: Sun Oct 10 22:10:10 GMT 2021

Did a walk around, everything seems to be okay and in place. Checked the cabinets, nothing had shifted; checked the dome, nothing seemed out of place. Instruments are functioning as per usual.

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

GONG COMMENT BY lisapg: Sun Oct 10 22:26:06 GMT 2021

Went down to the GONG shelter to check and everything seems to be alright. Nothing fell from the shelves and the instrument seems to be operating as per normal.

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

Sun Oct 10 22:27:04 GMT 2021 Kcor Focus/alignment program exited

Sun Oct 10 22:27:16 GMT 2021 UCoMP Restarted from pause

Sun Oct 10 22:28:28 GMT 2021 KCOR Start Synoptic Patrol

Sun Oct 10 22:30:02 GMT 2021 KCOR End Patrol

Sun Oct 10 22:30:10 GMT 2021 KCOR End Patrol

GENERAL COMMENT BY lisapg: Sun Oct 10 22:30:19 GMT 2021

Cloud crossing, instruments idled for now

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

Sun Oct 10 22:32:59 GMT 2021 KCOR Start Synoptic Patrol

Sun Oct 10 22:34:04 GMT 2021 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 20

Sun Oct 10 22:38:50 GMT 2021 KCOR End Patrol  
Sun Oct 10 22:39:03 GMT 2021 KCOR End Patrol  
Sun Oct 10 22:39:02 GMT 2021 UCoMP Paused for clouds  
GENERAL COMMENT BY lisapg: Sun Oct 10 22:39:33 GMT 2021  
Clouds crossing, instruments idled again  
\_\_\_\_end\_\_\_\_  
Sun Oct 10 22:47:02 GMT 2021 UCoMP Restarted from pause  
Sun Oct 10 22:47:46 GMT 2021 KCOR Start Synoptic Patrol  
Sun Oct 10 23:18:57 GMT 2021 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 0  
Mon Oct 11 00:28:17 GMT 2021 Running UCOMP Cookbook dark\_80ms\_2beam\_16sums\_BOTH.cbk line 0  
Mon Oct 11 00:29:43 GMT 2021 Running UCOMP Cookbook 1074\_Pol\_Calibrate.cbk line 0  
Mon Oct 11 00:34:21 GMT 2021 Running UCOMP Cookbook all\_wavelength\_coronal\_flat.cbk line 0  
\*\*\*\*Possible CME in Progress lisapg\*\*\*\* : Mon Oct 11 00:43:11 GMT 2021  
Possible faint CME seen launching near PA:305 at time 00:04:03 UT  
\_\_\_\_end\_\_\_\_  
Mon Oct 11 01:00:24 GMT 2021 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 0  
Mon Oct 11 01:13:27 GMT 2021 KCOR End Patrol  
Mon Oct 11 01:13:37 GMT 2021 KCOR End Patrol  
GENERAL COMMENT BY lisapg: Mon Oct 11 01:20:39 GMT 2021  
Cirrus seems to have moved in now, Kcor stopped for now but Ucomp okay still.  
\_\_\_\_end\_\_\_\_  
Mon Oct 11 01:21:02 GMT 2021 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 13  
Mon Oct 11 01:34:42 GMT 2021 Kcor Focus/alignment program exited  
Mon Oct 11 01:36:02 GMT 2021 KCOR Start Synoptic Patrol  
Mon Oct 11 01:52:02 GMT 2021 KCOR End Patrol  
GENERAL COMMENT BY lisapg: Mon Oct 11 01:56:28 GMT 2021  
Besides a late start due to cirrus and some passing clouds, a nice day to take data.  
\_\_\_\_end\_\_\_\_  
ONSITE STAFF: lisapg