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Mauna Loa Solar Observatory Observer's Log  
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Wed Oct 18 16:13:39 GMT 2017

Year: 17 Doy: 291

Observer: waters

WEATHER COMMENT: waters: Wed Oct 18 16:45:10 GMT 2017

Temp 49F with windspeed at about 7-12mph from the Southeast. Some cirrus to the Southeast and Southwest but otherwise the sky is clear.

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

Wed Oct 18 16:56:04 GMT 2017 CoMP occulter has been re-centered

Wed Oct 18 17:16:33 GMT 2017 SGS Alignment complete

Wed Oct 18 17:16:53 GMT 2017 CoMP occulter has been re-centered

Wed Oct 18 17:18:08 GMT 2017 Kcor Focus/alignment program exited

GENERAL COMMENT BY waters: Wed Oct 18 17:17:57 GMT 2017

PM Blew off Kcor O1

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

GENERAL COMMENT BY waters: Wed Oct 18 17:18:01 GMT 2017

PM Blew off CoMP O1

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

GENERAL COMMENT BY waters: Wed Oct 18 17:20:17 GMT 2017

Guider RA was not tracking this morning. We found the cable labeled CD-0104 to be loose, so it was tightened and then a re boot to the Nema box got things back in order.

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

Wed Oct 18 17:23:46 GMT 2017 KCOR Start Synoptic Patrol

Wed Oct 18 17:23:20 GMT 2017 COMP Start Patrol on cookbook: waves-00001.cbk

Wed Oct 18 17:39:26 GMT 2017 KCOR End Patrol

Wed Oct 18 17:40:43 GMT 2017 KCOR Start Synoptic Patrol

GENERAL COMMENT BY waters: Wed Oct 18 17:46:53 GMT 2017

Some cirrus passing through, pushing through it.

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

Wed Oct 18 17:50:20 GMT 2017 KCOR End Patrol

Wed Oct 18 17:51:43 GMT 2017 KCOR Start Synoptic Patrol

Wed Oct 18 17:52:08 GMT 2017 KCOR End Patrol

Wed Oct 18 17:53:21 GMT 2017 KCOR Start Synoptic Patrol

Wed Oct 18 17:54:04 GMT 2017 KCOR End Patrol

Wed Oct 18 17:54:14 GMT 2017 CoMP Paused for clouds

GENERAL COMMENT BY waters: Wed Oct 18 17:55:01 GMT 2017

Some thicker cirrus passing, instruments idled.

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

Wed Oct 18 18:03:54 GMT 2017 KCOR Start Synoptic Patrol

Wed Oct 18 18:03:16 GMT 2017 CoMP Restarted from pause

Wed Oct 18 19:05:14 GMT 2017 COMP End Patrol

Wed Oct 18 19:07:04 GMT 2017 SGS Alignment complete

Wed Oct 18 19:07:03 GMT 2017 CoMP occulter has been re-centered

Wed Oct 18 19:10:04 GMT 2017 COMP Start Patrol on cookbook: synoptic-00010.cbk

Wed Oct 18 19:33:10 GMT 2017 KCOR End Patrol

Wed Oct 18 19:33:12 GMT 2017 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20150323.ini

Wed Oct 18 19:48:29 GMT 2017 KCOR End Calibration Script

Wed Oct 18 19:48:46 GMT 2017 KCOR Start Synoptic Patrol

Wed Oct 18 19:48:47 GMT 2017 KCOR Start Synoptic Patrol

Wed Oct 18 21:51:45 GMT 2017 COMP End Patrol

Wed Oct 18 21:53:02 GMT 2017 KCOR End Patrol

Wed Oct 18 21:54:49 GMT 2017 SGS Alignment complete

Wed Oct 18 21:54:47 GMT 2017 KCOR Start Synoptic Patrol

Wed Oct 18 21:54:27 GMT 2017 CoMP occulter has been re-centered

Wed Oct 18 21:59:19 GMT 2017 CoMP occulter has been re-centered

Wed Oct 18 22:12:24 GMT 2017 CoMP occulter has been re-centered

Wed Oct 18 22:37:18 GMT 2017 CoMP occulter has been re-centered

Wed Oct 18 22:42:42 GMT 2017 COMP Start Patrol on cookbook: synoptic-00010.cbk

**\*\*CoMP PROBLEM COMMENT BY waters\*\*** : Wed Oct 18 22:51:15 GMT 2017

Currently trying to get CoMP lens focused but it isn't producing a gaussian curve and the image doesn't look focused. Have tried shutting down the .vi and restarting but that doesn't seem to help. Tried restarting the computer but that didn't seem to work either. Will troubleshoot more a bit later but for now, taking data as is.

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

Wed Oct 18 23:13:44 GMT 2017 COMP End Patrol

Wed Oct 18 23:18:29 GMT 2017 CoMP occulter has been re-centered

Wed Oct 18 23:28:08 GMT 2017 KCOR End Patrol

GENERAL COMMENT BY waters: Wed Oct 18 23:30:18 GMT 2017

Currently trying to trouble shoot CoMP. Instruments idled for now.

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

Wed Oct 18 23:42:32 GMT 2017 KCOR Start Synoptic Patrol

Wed Oct 18 23:57:46 GMT 2017 KCOR End Patrol

Wed Oct 18 23:58:31 GMT 2017 SGS Alignment complete

Wed Oct 18 23:58:30 GMT 2017 KCOR Start Synoptic Patrol

**\*\*CoMP PROBLEM COMMENT BY waters\*\*** : Thu Oct 19 01:37:51 GMT 2017

While trying to trouble shoot the focus lens, it seems that the diffuser for CoMP has stopped working now and it is currently in a spot where we can not take data, unfortunately. Will keep trouble shooting.

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

Thu Oct 19 02:30:20 GMT 2017 KCOR End Patrol

GENERAL COMMENT BY waters: Thu Oct 19 03:26:51 GMT 2017

Delivery company called to tell us they didnt delivery the flow bench today, but will tomorrow.

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

**\*\*CoMP PROBLEM COMMENT BY berkey\*\*** : Thu Oct 19 03:53:33 GMT 2017

Looks like the diffuser motor may have an issue. On commanding a move to get the diffuser out of the beam (MA N1) in the SEM Terminal I get an error 86 Stall detected. Which to me seems to be a motor issue.

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

GENERAL COMMENT BY berkey: Thu Oct 19 04:10:13 GMT 2017

Gave a former NCAR current Lasp employee (+ 2 guests) a tour this afternoon.

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