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Mauna Loa Solar Observatory Observer's Log  
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Fri Mar 17 16:32:48 GMT 2017

Year: 17 Doy: 076

Observer: waters

KCOR COMMENT BY berkey: Fri Mar 17 17:37:45 GMT 2017

KCor spring occulter installed OC-1006.9

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

Fri Mar 17 17:38:47 GMT 2017 SGS Alignment complete

CoMP COMMENT BY berkey: Fri Mar 17 17:38:02 GMT 2017

CoMP Spring occulter installed #31

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

Fri Mar 17 17:39:46 GMT 2017 CoMP occulter has been re-centered

Fri Mar 17 17:39:53 GMT 2017 Kcor Focus/alignment program exited

Fri Mar 17 17:41:13 GMT 2017 COMP Start Patrol on cookbook: synoptic-00010.cbk

Fri Mar 17 17:43:01 GMT 2017 KCOR Start Synoptic Patrol

WEATHER COMMENT: waters: Fri Mar 17 17:43:34 GMT 2017

Temp 46F with windspeed at about 5mph from the South-Southwest. Clear sky with low wind.

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

Fri Mar 17 18:24:47 GMT 2017 CoMP Paused for clouds

KCOR COMMENT BY waters: Fri Mar 17 18:20:15 GMT 2017

We are seeing a ring around the Sun in bothe data streams we have up. It's more prominent in the normalized data stream.

Going to trouble shoot now.

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

Fri Mar 17 18:25:13 GMT 2017 KCOR End Patrol

Fri Mar 17 18:45:44 GMT 2017 CoMP Restarted from pause

**\*\*KCOR PROBLEM COMMENT BY berkey\*\*** : Fri Mar 17 18:48:46 GMT 2017

Bright ring that is about 1/4 solar radii was observed around the occulter in this mornings data (normalized and quick look images) inspection revealed that the occulter was not properly seated on the post. Removing the occulter and reinstalling it with a ~5 degree different clocking seems to have cleared up the ring.

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

Fri Mar 17 18:50:30 GMT 2017 CoMP Paused for clouds

Fri Mar 17 18:51:14 GMT 2017 SGS Alignment complete

Fri Mar 17 18:51:09 GMT 2017 CoMP Restarted from pause

Fri Mar 17 18:51:12 GMT 2017 KCOR Start Synoptic Patrol

Fri Mar 17 19:22:12 GMT 2017 KCOR End Patrol

Fri Mar 17 19:22:13 GMT 2017 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20150323.ini

Fri Mar 17 19:37:34 GMT 2017 KCOR End Calibration Script

Fri Mar 17 19:37:51 GMT 2017 KCOR Start Synoptic Patrol

Fri Mar 17 19:37:52 GMT 2017 KCOR Start Synoptic Patrol

Fri Mar 17 19:50:37 GMT 2017 KCOR End Patrol

Fri Mar 17 19:51:13 GMT 2017 SGS Alignment complete

Fri Mar 17 19:51:09 GMT 2017 KCOR Start Synoptic Patrol

Fri Mar 17 19:51:38 GMT 2017 CoMP occulter has been re-centered

Fri Mar 17 19:51:46 GMT 2017 COMP Start Patrol on cookbook: synoptic-00010.cbk

Fri Mar 17 20:58:03 GMT 2017 KCOR End Patrol

Fri Mar 17 20:58:10 GMT 2017 COMP End Patrol

GENERAL OBSERVATORY COMMENT BY waters: Fri Mar 17 20:56:01 GMT 2017

We will be pausing observing to take SGS performance data.

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

Fri Mar 17 21:01:22 GMT 2017 Kcor Focus/alignment program exited

Fri Mar 17 21:05:48 GMT 2017 SGS Alignment complete

Fri Mar 17 21:06:01 GMT 2017 Kcor Focus/alignment program exited

Fri Mar 17 21:10:00 GMT 2017 KCOR Start Synoptic Patrol

Fri Mar 17 21:11:41 GMT 2017 CoMP occulter has been re-centered

Fri Mar 17 21:11:44 GMT 2017 COMP Start Patrol on cookbook: waves-00001.cbk

GENERAL OBSERVATORY COMMENT BY waters: Fri Mar 17 21:18:27 GMT 2017

The orange ladder can now be moved to the North wall as there is enough clearance for the spar to pass unimpeded.

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

Fri Mar 17 22:44:11 GMT 2017 COMP End Patrol

Fri Mar 17 22:44:15 GMT 2017 KCOR End Patrol

Fri Mar 17 22:45:34 GMT 2017 SGS Alignment complete

Fri Mar 17 22:45:30 GMT 2017 KCOR Start Synoptic Patrol

Fri Mar 17 22:46:23 GMT 2017 CoMP occulter has been re-centered

Fri Mar 17 22:46:25 GMT 2017 COMP Start Patrol on cookbook: synoptic-00010.cbk

GENERAL OBSERVATORY COMMENT BY waters: Fri Mar 17 22:47:11 GMT 2017

CoMP occulter adjusted.

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

Sat Mar 18 00:59:05 GMT 2017 KCOR End Patrol

Sat Mar 18 00:59:35 GMT 2017 CoMP Paused for clouds

Sat Mar 18 01:00:22 GMT 2017 CoMP Restarted from pause

Sat Mar 18 01:01:28 GMT 2017 SGS Alignment complete

Sat Mar 18 01:01:23 GMT 2017 KCOR Start Synoptic Patrol

Sat Mar 18 01:29:25 GMT 2017 COMP End Patrol

Sat Mar 18 01:29:26 GMT 2017 COMP Start Patrol on cookbook: waves-00001.cbk

Sat Mar 18 01:52:37 GMT 2017 KCOR End Patrol

Sat Mar 18 01:53:11 GMT 2017 COMP End Patrol

GENERAL OBSERVATORY COMMENT BY waters: Sat Mar 18 01:59:20 GMT 2017

Areosols were up right when we started at 745am hst but wasn't too bad until the afternoon. Otherwise, a wonderful day to take data!

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