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Mauna Loa Solar Observatory Observer's Log  
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Fri Mar 24 16:28:11 GMT 2017

Year: 17 Doy: 083

Observer: berkey

WEATHER COMMENT: berkey: Fri Mar 24 16:32:08 GMT 2017

Temp: 40.1f, Humidity: 84%, Pressure: 28.841in, Wind: 11mph from 151degs, Skies: clear above with heavy cloud bank to the east, very weak temperature inversion the air smells of sulfur and lighting seen just south of the summit during the drive up.

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

Fri Mar 24 17:29:25 GMT 2017 SGS Alignment complete

Fri Mar 24 17:29:38 GMT 2017 CoMP occulter has been re-centered

Fri Mar 24 17:30:09 GMT 2017 Kcor Focus/alignment program exited

Fri Mar 24 17:31:05 GMT 2017 COMP Start Patrol on cookbook: synoptic-00010.cbk

Fri Mar 24 17:36:58 GMT 2017 KCOR Start Synoptic Patrol

\*\*\*\*EVENT COMMENT BY berkey\*\*\*\* : Fri Mar 24 18:25:18 GMT 2017

Erruptive prominace seen moving around in the Kcor images.

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

\*\*\*\*EVENT COMMENT BY berkey\*\*\*\* : Fri Mar 24 18:25:50 GMT 2017

Promiance seen near PA100

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

Fri Mar 24 18:37:06 GMT 2017 KCOR End Patrol

Fri Mar 24 18:43:40 GMT 2017 KCOR Start Synoptic Patrol

KCOR COMMENT BY berkey: Fri Mar 24 18:46:56 GMT 2017

Attempted was made to blow off the Kcor O1. Not sure if this fixed the bullet hole seen in the north.

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

Fri Mar 24 19:40:39 GMT 2017 KCOR End Patrol

Fri Mar 24 19:40:41 GMT 2017 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20150323.ini

Fri Mar 24 19:56:00 GMT 2017 KCOR End Calibration Script

Fri Mar 24 19:56:18 GMT 2017 KCOR Start Synoptic Patrol

Fri Mar 24 19:56:19 GMT 2017 KCOR Start Synoptic Patrol

Fri Mar 24 20:12:55 GMT 2017 COMP End Patrol

Fri Mar 24 20:12:56 GMT 2017 COMP Start Patrol on cookbook: waves-00001.cbk

Fri Mar 24 20:15:31 GMT 2017 KCOR End Patrol

Fri Mar 24 20:17:12 GMT 2017 COMP End Patrol

Fri Mar 24 20:23:07 GMT 2017 Kcor sees an SGS Guiding Error closing lens cover

Fri Mar 24 20:23:09 GMT 2017 KCOR End Patrol

Fri Mar 24 20:25:20 GMT 2017 SGS Alignment complete

Fri Mar 24 20:25:18 GMT 2017 KCOR Start Synoptic Patrol

GENERAL COMMENT BY berkey: Fri Mar 24 20:25:13 GMT 2017

Control room is warm today currently 75 on the davis.

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

COMP COMMENT BY berkey: Fri Mar 24 20:25:26 GMT 2017

CoMP O1 removed for washing.

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

Fri Mar 24 21:00:58 GMT 2017 KCOR End Patrol

Fri Mar 24 21:13:46 GMT 2017 CoMP occulter has been re-centered

KCOR COMMENT BY berkey: Fri Mar 24 21:47:24 GMT 2017

Kcor O1 removed for a quick wash.

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

Fri Mar 24 21:50:33 GMT 2017 SGS Alignment complete

GENERAL COMMENT BY berkey: Fri Mar 24 21:50:46 GMT 2017

New Kcor alignment is very different from the old one. SGS pointing was ~10,90 it is now -50,45.

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

Fri Mar 24 21:51:44 GMT 2017 CoMP occulter has been re-centered

Fri Mar 24 21:53:38 GMT 2017 Kcor Focus/alignment program exited

Fri Mar 24 21:56:51 GMT 2017 CoMP occulter has been re-centered

Fri Mar 24 21:56:52 GMT 2017 CoMP Start Patrol on cookbook: synoptic-00010.cbk

Fri Mar 24 22:01:30 GMT 2017 CoMP Paused for clouds

Fri Mar 24 22:05:27 GMT 2017 CoMP Restarted from pause

Fri Mar 24 22:30:43 GMT 2017 CoMP Paused for clouds

Fri Mar 24 22:38:10 GMT 2017 CoMP Restarted from pause

Fri Mar 24 22:52:20 GMT 2017 CoMP Paused for clouds

KCOR COMMENT BY berkey: Fri Mar 24 23:58:11 GMT 2017

This afternoon while positioning the spar to reinstall the Kcor O1 after cleaning; glue holding together the O1 forward dust cover failed and a piece of the cover fell to the floor bending one of its mounting bolts.

Nothing (other than the floor) was under the ring when it fell so the only damage that occurred was to the mounting bolt itself.

It was noted during inspection of the dust cover, that when the O1 is installed the ring secured to the O1 and the rest of the dust cover is constrained from falling from the telescope. We also noted that the fit even with the failed glue is quite snug. Such that the instrument can be safely reassembled and operated as normal as long as the O1 is installed in the telescope.

So the bolt was straightened and the instrument returned to operation with the requirement that we address permanently reattaching the 2 halves of the dust cover at or before the next O1 removal from the telescope.

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

Sat Mar 25 00:06:25 GMT 2017 CoMP Restarted from pause

Sat Mar 25 00:06:26 GMT 2017 CoMP End Patrol

GENERAL COMMENT BY berkey: Sat Mar 25 00:21:45 GMT 2017

Dome was closed about an hour ago due to elevated winds and clouds and things don't appear to be leaving. Heading out

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