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Mauna Loa Solar Observatory Observer's Log  
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Fri May 27 16:27:25 GMT 2016

Year: 16 Doy: 148

Observer: berkey

WEATHER COMMENT: berkey: Fri May 27 16:27:31 GMT 2016

Temp: 45.8f, Humidity: 87%, Pressure: 28.745in, Wind: 10mph from 5degs, Skies: hazy overcast

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

KCOR COMMENT BY berkey: Fri May 27 16:27:46 GMT 2016

Kcor ups was in a fault state on arrival to the observatory.

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

Fri May 27 16:54:47 GMT 2016 COMP Start Patrol on cookbook: synoptic-00002.cbk

Fri May 27 16:56:55 GMT 2016 KCOR Start Synoptic Patrol

Fri May 27 18:03:00 GMT 2016 KCOR End Patrol

KCOR COMMENT BY berkey: Fri May 27 18:02:56 GMT 2016

Going a kcor beam inspection.

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

Fri May 27 18:14:06 GMT 2016 KCOR Start Synoptic Patrol

Fri May 27 18:48:19 GMT 2016 KCOR End Patrol

Fri May 27 18:48:20 GMT 2016 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20150323.ini

Fri May 27 19:05:39 GMT 2016 KCOR End Calibration Script

Fri May 27 19:05:56 GMT 2016 KCOR Start Synoptic Patrol

Fri May 27 19:05:57 GMT 2016 KCOR Start Synoptic Patrol

Fri May 27 19:28:35 GMT 2016 COMP End Patrol

Fri May 27 19:28:36 GMT 2016 COMP Start Patrol on cookbook: waves-00001.cbk

Fri May 27 20:01:18 GMT 2016 KCOR End Patrol

Fri May 27 20:01:41 GMT 2016 CoMP Paused for clouds

KCOR COMMENT BY berkey: Fri May 27 20:06:22 GMT 2016

Forgot to turn the modulator header on until now. Current temp is 15C to low.

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

Fri May 27 20:06:51 GMT 2016 CoMP Restarted from pause

Fri May 27 20:13:44 GMT 2016 KCOR Start Synoptic Patrol

GENERAL COMMENT BY berkey: Fri May 27 21:01:37 GMT 2016

clouds moving up from the NW

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

Fri May 27 21:06:41 GMT 2016 COMP End Patrol

Fri May 27 21:06:42 GMT 2016 COMP Start Patrol on cookbook: synoptic-00002.cbk

Fri May 27 21:07:04 GMT 2016 KCOR End Patrol

Fri May 27 21:07:13 GMT 2016 CoMP Paused for clouds

Fri May 27 21:11:47 GMT 2016 CoMP Restarted from pause

Fri May 27 21:12:48 GMT 2016 KCOR Start Synoptic Patrol

Fri May 27 21:14:17 GMT 2016 KCOR End Patrol

Fri May 27 21:15:22 GMT 2016 CoMP Paused for clouds

Fri May 27 21:32:16 GMT 2016 CoMP Restarted from pause

Fri May 27 21:32:40 GMT 2016 KCOR Start Synoptic Patrol

Fri May 27 21:32:53 GMT 2016 KCOR End Patrol

GENERAL COMMENT BY berkey: Fri May 27 21:32:52 GMT 2016

Did some more beam train checking between clouds.

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

Fri May 27 21:35:24 GMT 2016 CoMP Paused for clouds

Fri May 27 21:44:40 GMT 2016 CoMP Restarted from pause

Fri May 27 21:47:40 GMT 2016 CoMP Paused for clouds

Sat May 28 02:48:13 GMT 2016 CoMP Restarted from pause

Sat May 28 02:48:13 GMT 2016 COMP End Patrol

KCOR COMMENT BY berkey: Sat May 28 02:48:51 GMT 2016

I did a kcor beam train inspection to try and figure out if there are any internal refelctions in the system that could be causing finge sources in the kcor data.

For parts of this inspection I used a bring light to look for glints. The only thing I could find that looked remotely able to reflect light into the beam; is one of the fasteners on the back plate for the polarizer rotator. I was able to see the screw closet to the O1 when from a mirror near the occulter. So as a test I pulled this screw out and added some black tape over hole. The plate is well secured with out this screw; so lets see if it helps.

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