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Mauna Loa Solar Observatory Observer's Log  
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Wed Nov 16 17:09:24 GMT 2016

Year: 16 Doy: 321

Observer: berkey

WEATHER COMMENT: Observer: Wed Nov 16 17:09:26 GMT 2016

Temp: 43.3f, Humidity: 6%, Pressure: 28.783in, Wind: 14mph from 147degs, Skies: Clear

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

Wed Nov 16 17:29:18 GMT 2016 CoMP occulter has been re-centered  
Wed Nov 16 17:33:49 GMT 2016 Kcor Focus/alignment program exited  
Wed Nov 16 17:39:30 GMT 2016 CoMP occulter has been re-centered  
Wed Nov 16 17:41:29 GMT 2016 Kcor Focus/alignment program exited  
Wed Nov 16 17:41:40 GMT 2016 COMP Start Patrol on cookbook: synoptic-00007.cbk  
Wed Nov 16 17:41:46 GMT 2016 COMP End Patrol  
Wed Nov 16 17:45:02 GMT 2016 KCOR Start Synoptic Patrol  
Wed Nov 16 17:49:08 GMT 2016 COMP Start Patrol on cookbook: synoptic-00007.cbk  
Wed Nov 16 20:02:06 GMT 2016 Kcor sees an SGS Guiding Error closing lens cover  
Wed Nov 16 20:02:08 GMT 2016 KCOR End Patrol  
Wed Nov 16 20:03:25 GMT 2016 KCOR Start Synoptic Patrol

GENERAL COMMENT BY berkey: Wed Nov 16 20:03:33 GMT 2016

Looking at kcor pushed it enough close the shutter.

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

Wed Nov 16 20:20:37 GMT 2016 KCOR End Patrol  
Wed Nov 16 20:21:51 GMT 2016 COMP End Patrol  
Wed Nov 16 20:23:06 GMT 2016 SGS Alignment complete  
Wed Nov 16 20:23:18 GMT 2016 CoMP occulter has been re-centered  
Wed Nov 16 20:23:22 GMT 2016 COMP Start Patrol on cookbook: waves-00001.cbk  
Wed Nov 16 20:24:24 GMT 2016 Kcor Focus/alignment program exited  
Wed Nov 16 20:27:10 GMT 2016 KCOR Start Synoptic Patrol  
Wed Nov 16 21:15:55 GMT 2016 KCOR End Patrol  
Wed Nov 16 21:16:22 GMT 2016 CoMP Paused for clouds  
Wed Nov 16 21:20:24 GMT 2016 SGS Alignment complete  
Wed Nov 16 21:20:21 GMT 2016 KCOR Start Synoptic Patrol  
Wed Nov 16 21:20:30 GMT 2016 CoMP Restarted from pause  
Wed Nov 16 21:36:26 GMT 2016 KCOR End Patrol  
Wed Nov 16 21:36:27 GMT 2016 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20150323.ini  
Wed Nov 16 21:53:35 GMT 2016 KCOR End Calibration Script  
Wed Nov 16 21:53:52 GMT 2016 KCOR Start Synoptic Patrol  
Wed Nov 16 21:53:54 GMT 2016 KCOR Start Synoptic Patrol  
Wed Nov 16 22:00:22 GMT 2016 COMP End Patrol  
Wed Nov 16 22:00:22 GMT 2016 COMP Start Patrol on cookbook: synoptic-00007.cbk  
Wed Nov 16 22:00:49 GMT 2016 KCOR End Patrol  
Wed Nov 16 22:00:59 GMT 2016 COMP End Patrol  
Wed Nov 16 22:01:52 GMT 2016 CoMP occulter has been re-centered  
Wed Nov 16 22:04:21 GMT 2016 CoMP occulter has been re-centered  
Wed Nov 16 22:04:41 GMT 2016 KCOR Start Synoptic Patrol  
Wed Nov 16 22:04:47 GMT 2016 COMP Start Patrol on cookbook: synoptic-00007.cbk

Wed Nov 16 22:04:58 GMT 2016 SGS Alignment complete

Wed Nov 16 22:54:41 GMT 2016 KCOR End Patrol

GENERAL COMMENT BY berkey: Wed Nov 16 22:55:00 GMT 2016

Winds picking up. Just saw a 38mph. Domes closed.

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

Wed Nov 16 22:55:15 GMT 2016 COMP End Patrol

Thu Nov 17 01:16:55 GMT 2016 CoMP occulter has been re-centered

Thu Nov 17 02:34:21 GMT 2016 Kcor Focus/alignment program exited

GENERAL COMMENT BY berkey: Thu Nov 17 02:46:14 GMT 2016

We spend this morning running with the spare SGS (chromag face). And some external stiffners attached to the Kcor aft optics box.

It looks like the Kcor/Comp<-> SGS alignment drifted in a similar fashion to the forward mounted south face mounted SGS. I was really hoping moving toward the middle of the spar would reduce some of this drift.

The kcor aft optics box stiffners did appear to offer some improvement to the CoMP<->Kcor alignment drift over the course of the day. This wasn't a perfect test as the stiffners weren't as stiff as I would like and we aborted observing at a few hours early.

For tomorrows observing the stiffners have been removed and we have reverted back to southface SGS

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

GENERAL COMMENT BY berkey: Thu Nov 17 02:54:53 GMT 2016

Scot C also did some DHCP network tests today. These test where dont on the observer laptops and didn't effect any of the science systems; but we got confusing results so all chanings were backed out.

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