
Mauna Loa Solar Observatory Observer's Log

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 147deg, 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 stiffeners 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 stiffeners 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 stiffn

ers 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____