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Mauna Loa Solar Observatory Observer's Log  
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Thu Nov 3 16:43:32 GMT 2016

Year: 16 Doy: 308

Observer: waters

WEATHER COMMENT: waters: Thu Nov 3 16:43:35 GMT 2016

Temp 45F with windspeed at about 6mph from the Southeast. Sky is looking clear as clear can be!

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

GENERAL OBSERVATORY COMMENT BY waters: Thu Nov 3 16:54:30 GMT 2016

Is it me or is the alignment of either the spar or our just the guides that we use to align the spar off. When I put SGS in close loop and aligned the spar the same as always, SGS wouldn't track but I put it in standby for a bit and it eventually drifted into alignment. However, our 'guides' or markers that we use to help get the spar on the Sun is now misaligned.

I wonder if this has anything to do with the slightly bigger misalignment that Ben saw between Kcor and Comp towards the end of yesterday...

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

GENERAL OBSERVATORY COMMENT BY waters: Thu Nov 3 17:09:31 GMT 2016

On inspecting it closer, it looks like the back marker or alignment piece out of the two we use to point at the Sun was knocked upwards a bit and just needs to be taken back down again. I might try to get it back into place later but it might need some serious handling to move it back. We shall see. Looks like it had nothing to do about the misalignment Ben saw yesterday.

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

Thu Nov 03 17:34:34 GMT 2016 SGS Alignment complete  
Thu Nov 03 17:35:59 GMT 2016 CoMP occulter has been re-centered  
Thu Nov 03 17:36:07 GMT 2016 Kcor Focus/alignment program exited  
Thu Nov 03 17:38:57 GMT 2016 COMP Start Patrol on cookbook: synoptic-00007.cbk  
Thu Nov 03 17:39:27 GMT 2016 KCOR Start Synoptic Patrol  
Thu Nov 03 19:14:42 GMT 2016 KCOR End Patrol  
Thu Nov 03 19:14:43 GMT 2016 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20150323.ini  
Thu Nov 03 19:31:51 GMT 2016 KCOR End Calibration Script  
Thu Nov 03 19:32:08 GMT 2016 KCOR Start Synoptic Patrol  
Thu Nov 03 19:32:09 GMT 2016 KCOR Start Synoptic Patrol  
Thu Nov 03 19:46:04 GMT 2016 KCOR End Patrol  
Thu Nov 03 19:46:15 GMT 2016 CoMP Paused for clouds  
Thu Nov 03 19:47:33 GMT 2016 SGS Alignment complete  
Thu Nov 03 19:47:31 GMT 2016 KCOR Start Synoptic Patrol  
Thu Nov 03 19:47:34 GMT 2016 CoMP Restarted from pause  
Thu Nov 03 20:22:01 GMT 2016 COMP End Patrol  
Thu Nov 03 20:22:02 GMT 2016 COMP Start Patrol on cookbook: waves-00001.cbk  
Thu Nov 03 20:22:51 GMT 2016 COMP End Patrol  
Thu Nov 03 20:23:06 GMT 2016 KCOR End Patrol  
Thu Nov 03 20:24:27 GMT 2016 SGS Alignment complete  
Thu Nov 03 20:24:24 GMT 2016 KCOR Start Synoptic Patrol  
Thu Nov 03 20:25:57 GMT 2016 CoMP occulter has been re-centered  
Thu Nov 03 20:26:00 GMT 2016 COMP Start Patrol on cookbook: waves-00001.cbk

GENERAL OBSERVATORY COMMENT BY waters: Thu Nov 3 20:24:37 GMT 2016

Accidentally hit the stop program for comp instead of exit cookbook. Comp occulter adjusted.

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

CoMP COMMENT BY waters: Thu Nov 3 21:20:36 GMT 2016

The Comp occulter image we get to center the occulter is blue now. Pretty cool, I must say.

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

Thu Nov 03 21:58:17 GMT 2016 COMP End Patrol

Thu Nov 03 21:58:26 GMT 2016 KCOR End Patrol

Thu Nov 03 21:59:48 GMT 2016 SGS Alignment complete

Thu Nov 03 21:59:47 GMT 2016 KCOR Start Synoptic Patrol

Thu Nov 03 22:00:07 GMT 2016 CoMP occulter has been re-centered

Thu Nov 03 22:00:09 GMT 2016 COMP Start Patrol on cookbook: synoptic-00007.cbk

GENERAL OBSERVATORY COMMENT BY waters: Thu Nov 3 22:00:27 GMT 2016

Comp Occulter adjusted.

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

Thu Nov 03 23:24:17 GMT 2016 KCOR End Patrol

Thu Nov 03 23:24:58 GMT 2016 CoMP Paused for clouds

Thu Nov 03 23:25:40 GMT 2016 SGS Alignment complete

Thu Nov 03 23:25:40 GMT 2016 KCOR Start Synoptic Patrol

Thu Nov 03 23:25:44 GMT 2016 CoMP Restarted from pause

Thu Nov 03 23:28:46 GMT 2016 COMP End Patrol

Thu Nov 03 23:29:39 GMT 2016 CoMP occulter has been re-centered

Thu Nov 03 23:29:41 GMT 2016 COMP Start Patrol on cookbook: synoptic-00007.cbk

GENERAL OBSERVATORY COMMENT BY waters: Thu Nov 3 23:29:47 GMT 2016

Comp occulter adjusted

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

Fri Nov 04 01:49:13 GMT 2016 KCOR End Patrol

Fri Nov 04 01:49:41 GMT 2016 COMP End Patrol

GENERAL OBSERVATORY COMMENT BY waters: Fri Nov 4 01:57:28 GMT 2016

Was able to move the lower 'guide' we use for the Sun, I think, back into position. Ben might have to adjust it tomorrow, if needed.

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