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Mauna Loa Solar Observatory Observer's Log  
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Wed May 25 16:57:56 GMT 2011

Year: 11 Doy: 145

Observer: berkey

Wed May 25 16:58:33 GMT 2011 H-ALPHA Start Patrol

WEATHER COMMENT: Wed May 25 16:58:33 GMT 2011

temp 45f, wind 15mph from se, clear skies with strong inversion layer at about 10500ft

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

Wed May 25 16:59:06 GMT 2011 MKIV Start Patrol

Wed May 25 16:59:44 GMT 2011 CHIP Start Patrol

Wed May 25 17:05:20 GMT 2011 MKIV End Patrol

Wed May 25 17:05:26 GMT 2011 MKIV Start Cal

Wed May 25 17:24:16 GMT 2011 MKIV End Cal

Wed May 25 17:27:45 GMT 2011 MKIV Start Cal

Wed May 25 17:30:32 GMT 2011 COMP Start Patrol

CoMP COMMENT BY BEN: Wed May 25 17:29:21 GMT 2011

I noticed I could see the big (NE 90 deg Clockwise from the post) pair of artifacts on the occulter alignment screen. So I attempted to do a quick check. The results of the check are inconclusive but I feel like the problem might be coming from either the edge

of the occulter. But without moving it I dont know how to check with out rotating the occulting disk.

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

NOTE BY BEN: Wed May 25 17:37:23 GMT 2011

During the CoMP inspection the spar was unbalanced to the point that we fell off guiding a couple of times and ruined the first MK4 calibration.

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

\*\*\*\*EVENT COMMENT BY BEN\*\*\*\*: Wed May 25 17:39:52 GMT 2011

Large prominence erupting on the east limb, looks to have started a few hours before we got on sky this morning.

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

Wed May 25 17:46:32 GMT 2011 MKIV End Cal

Wed May 25 17:46:40 GMT 2011 MKIV Start Patrol

Wed May 25 18:02:44 GMT 2011 CHIP LSD

Wed May 25 18:04:20 GMT 2011 CHIP End LSD

Wed May 25 18:04:37 GMT 2011 CHIP BiasLSD

Wed May 25 18:05:25 GMT 2011 CHIP End BiasLSD

Wed May 25 18:05:33 GMT 2011 CHIP Bias

Wed May 25 18:06:19 GMT 2011 CHIP End Bias

Wed May 25 18:06:26 GMT 2011 CHIP ReStart Patrol

\*\*\*\*EVENT COMMENT BY BEN\*\*\*\*: Wed May 25 19:34:03 GMT 2011

At PA 100, I see something that looks like a CME but it isnt moving/expanding. This appears strongly correlated with the large promiance.

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

NOTE BY BEN: Wed May 25 19:36:31 GMT 2011

A lot of wind driving spar shake. Wind now about 20mph

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

Wed May 25 20:16:26 GMT 2011 COMP End Patrol

Wed May 25 20:16:30 GMT 2011 COMP Start Patrol

Wed May 25 20:17:38 GMT 2011 CHIP End Patrol  
Wed May 25 20:20:25 GMT 2011 H-ALPHA End Patrol  
Wed May 25 20:20:41 GMT 2011 MKIV End Patrol  
Wed May 25 20:29:51 GMT 2011 MKIV Start Patrol  
Wed May 25 20:29:56 GMT 2011 COMP End Patrol  
Wed May 25 20:30:03 GMT 2011 H-ALPHA Start Patrol  
Wed May 25 20:30:08 GMT 2011 CHIP Start Patrol  
Wed May 25 20:32:19 GMT 2011 COMP Start Patrol

NOTE BY BEN: Wed May 25 20:32:21 GMT 2011

Moved bottom shutter down.

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

Wed May 25 20:46:19 GMT 2011: PSPT Start Patrol

NOTE BY BEN: Wed May 25 22:29:48 GMT 2011

I rotated the dome to the west, but it is now blocking about 1/2 of the MK4 o1

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

Wed May 25 23:00:45 GMT 2011 CHIP LSD  
Wed May 25 23:02:07 GMT 2011 CHIP End LSD  
Wed May 25 23:02:15 GMT 2011 CHIP BiasLSD  
Wed May 25 23:02:53 GMT 2011 CHIP End BiasLSD  
Wed May 25 23:03:08 GMT 2011 CHIP Bias  
Wed May 25 23:03:44 GMT 2011 CHIP End Bias  
Wed May 25 23:03:52 GMT 2011 CHIP ReStart Patrol  
Wed May 25 23:17:26 GMT 2011 COMP End Patrol  
Wed May 25 23:17:30 GMT 2011 COMP Start Patrol  
Thu May 26 02:02:56 GMT 2011 COMP End Patrol  
Thu May 26 02:02:59 GMT 2011 COMP Start Patrol  
Thu May 26 02:11:30 GMT 2011 COMP End Patrol  
Thu May 26 02:12:43 GMT 2011Thu May 26 02:12:47 GMT 2011 MKIV End Patrol  
: PSPT Abort Patrol  
Thu May 26 02:12:55 GMT 2011: PSPT Abort Patrol  
Thu May 26 02:13:06 GMT 2011: PSPT Abort Patrol  
Thu May 26 02:13:18 GMT 2011: PSPT Abort Patrol  
Thu May 26 02:13:27 GMT 2011: PSPT Abort Patrol  
Thu May 26 02:13:35 GMT 2011: PSPT Abort Patrol  
Thu May 26 02:14:25 GMT 2011 H-ALPHA End Patrol  
Thu May 26 02:33:25 GMT 2011 CHIP End Patrol  
Thu May 26 02:33:47 GMT 2011

MkIV

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00_11.rawmk4	02_00.rawmk4	19_00.rawmk4	20_56.rawmk4	22_42.rawmk4
00_14.rawmk4	02_03.rawmk4	19_03.rawmk4	20_59.rawmk4	22_45.rawmk4
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