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Mauna Loa Solar Observatory Observer's Log  
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Sun Jul 28 16:15:43 GMT 2013

Year: 13 Doy: 209

Observer: waters

WEATHER COMMENT: Sun Jul 28 16:18:55 GMT 2013

Temp 52F, windspeed 10mph from the South-Southeast. Clear sky in the east, with a little cirrus to the South.

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

Sun Jul 28 16:31:33 GMT 2013 CHIP Start Patrol

NOTE BY LISA: Sun Jul 28 16:19:56 GMT 2013

Shabar was on this morning and crashed when stopped. Rebooted and is working fine. No noise coming from the spar.

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

Sun Jul 28 16:32:24 GMT 2013 COMP Start Patrol

Sun Jul 28 16:45:31 GMT 2013: PSPT Abort Patrol

PSPT COMMENT BY LISA: Sun Jul 28 16:46:29 GMT 2013

Pspt thought it was on the sun when it wasn't. Restarted program and tried to center image. Got stuck in a loop and restarted program again. This time with shut down and start up. Pspt didn't park and was manually maneuvered into place, crashed on start up.

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

Sun Jul 28 16:59:12 GMT 2013: PSPT Start Patrol

Sun Jul 28 17:01:45 GMT 2013 MKIV Start Patrol

\*\*MKIV PROBLEM COMMENT BY LISA\*\*: Sun Jul 28 17:14:24 GMT 2013

Seeing the same problem as was seen on the 26th of July. Lens was clean this morning but the data still looks bad, as if the lens had been partially smudged.

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

\*\*\*\*EVENT COMMENT BY LISA\*\*\*\*: Sun Jul 28 17:22:33 GMT 2013

Some activity going on with the prominence between PA 255-230.

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

Sun Jul 28 18:01:38 GMT 2013 CHIP LSD

Sun Jul 28 18:03:37 GMT 2013 CHIP End LSD

Sun Jul 28 18:03:46 GMT 2013 CHIP BiasLSD

Sun Jul 28 18:04:38 GMT 2013 CHIP End BiasLSD

Sun Jul 28 18:04:46 GMT 2013 CHIP Bias

Sun Jul 28 18:05:21 GMT 2013 CHIP End Bias

Sun Jul 28 18:05:28 GMT 2013 CHIP ReStart Patrol

Sun Jul 28 19:27:34 GMT 2013 COMP End Patrol

Sun Jul 28 19:27:36 GMT 2013 COMP Start Patrol

Sun Jul 28 19:29:45 GMT 2013 COMP End Patrol

Sun Jul 28 19:31:08 GMT 2013 CHIP End Patrol

Sun Jul 28 19:31:13 GMT 2013 MKIV End Patrol

Sun Jul 28 19:44:07 GMT 2013 CHIP Start Patrol

Sun Jul 28 19:43:09 GMT 2013 COMP Start Patrol

Sun Jul 28 19:43:23 GMT 2013 MKIV Start Patrol

NOTE BY LISA: Sun Jul 28 19:43:52 GMT 2013

Dome reconfigured. I also tried to visually ascertain what maybe going on by looking down MK4 from the top. Nothing looked abnormal.

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

NOTE BY LISA: Sun Jul 28 22:19:55 GMT 2013

Dome occulted Mk4.

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

Sun Jul 28 22:23:29 GMT 2013 MKIV End Patrol

Sun Jul 28 22:37:04 GMT 2013 COMP End Patrol

Sun Jul 28 22:38:41 GMT 2013 CHIP End Patrol

NOTE BY LISA: Sun Jul 28 22:35:08 GMT 2013

Having a wee bit of trouble with the dome occulting Mk4. Idled instrument for a bit till i can get it in the right position. Also lost the RA.

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

Sun Jul 28 22:42:11 GMT 2013 COMP Start Patrol

Sun Jul 28 22:43:52 GMT 2013 CHIP Start Patrol

Sun Jul 28 22:46:56 GMT 2013 MKIV Start Patrol

Sun Jul 28 23:02:55 GMT 2013 CHIP LSD

Sun Jul 28 23:04:43 GMT 2013 CHIP End LSD

Sun Jul 28 23:04:54 GMT 2013 CHIP BiasLSD

Sun Jul 28 23:05:35 GMT 2013 CHIP End BiasLSD

Sun Jul 28 23:05:45 GMT 2013 CHIP Bias

Sun Jul 28 23:06:20 GMT 2013 CHIP End Bias

Sun Jul 28 23:06:27 GMT 2013 CHIP ReStart Patrol

Sun Jul 28 23:23:45 GMT 2013: PSPT Start Patrol

Mon Jul 29 01:28:15 GMT 2013 MKIV End Patrol

Mon Jul 29 01:29:58 GMT 2013: PSPT Abort Patrol

Mon Jul 29 01:32:00 GMT 2013 CHIP End Patrol

Mon Jul 29 01:31:04 GMT 2013 COMP End Patrol

Mon Jul 29 01:39:01 GMT 2013

MkIV

00_02.rawmk4	17_08.rawmk4	18_43.rawmk4	20_31.rawmk4	22_02.rawmk4
00_05.rawmk4	17_11.rawmk4	18_46.rawmk4	20_34.rawmk4	22_05.rawmk4
00_08.rawmk4	17_14.rawmk4	18_49.rawmk4	20_37.rawmk4	22_08.rawmk4
00_11.rawmk4	17_17.rawmk4	18_52.rawmk4	20_40.rawmk4	22_11.rawmk4
00_14.rawmk4	17_20.rawmk4	18_55.rawmk4	20_43.rawmk4	22_14.rawmk4
00_17.rawmk4	17_23.rawmk4	18_58.rawmk4	20_46.rawmk4	22_17.rawmk4
00_20.rawmk4	17_26.rawmk4	19_01.rawmk4	20_49.rawmk4	22_20.rawmk4
00_23.rawmk4	17_29.rawmk4	19_04.rawmk4	20_52.rawmk4	22_23.rawmk4
00_25.rawmk4	17_32.rawmk4	19_07.rawmk4	20_55.rawmk4	22_26.rawmk4
00_29.rawmk4	17_35.rawmk4	19_10.rawmk4	20_57.rawmk4	23_00.rawmk4
00_31.rawmk4	17_38.rawmk4	19_13.rawmk4	21_00.rawmk4	23_03.rawmk4
00_34.rawmk4	17_41.rawmk4	19_16.rawmk4	21_03.rawmk4	23_06.rawmk4
00_37.rawmk4	17_44.rawmk4	19_19.rawmk4	21_06.rawmk4	23_09.rawmk4
00_40.rawmk4	17_50.rawmk4	19_22.rawmk4	21_09.rawmk4	23_12.rawmk4
00_43.rawmk4	17_53.rawmk4	19_25.rawmk4	21_12.rawmk4	23_15.rawmk4
00_46.rawmk4	17_56.rawmk4	19_27.rawmk4	21_15.rawmk4	23_18.rawmk4
00_49.rawmk4	17_59.rawmk4	19_43.rawmk4	21_18.rawmk4	23_21.rawmk4
00_52.rawmk4	18_02.rawmk4	19_46.rawmk4	21_21.rawmk4	23_24.rawmk4
00_55.rawmk4	18_05.rawmk4	19_49.rawmk4	21_24.rawmk4	23_26.rawmk4
00_58.rawmk4	18_08.rawmk4	19_52.rawmk4	21_27.rawmk4	23_29.rawmk4

01_01.rawmk4	18_11.rawmk4	19_55.rawmk4	21_30.rawmk4	23_32.rawmk4
01_04.rawmk4	18_14.rawmk4	19_58.rawmk4	21_33.rawmk4	23_35.rawmk4
01_07.rawmk4	18_17.rawmk4	20_01.rawmk4	21_36.rawmk4	23_38.rawmk4
01_10.rawmk4	18_20.rawmk4	20_03.rawmk4	21_39.rawmk4	23_41.rawmk4
01_13.rawmk4	18_23.rawmk4	20_09.rawmk4	21_42.rawmk4	23_44.rawmk4
01_16.rawmk4	18_26.rawmk4	20_13.rawmk4	21_45.rawmk4	23_47.rawmk4
01_19.rawmk4	18_29.rawmk4	20_16.rawmk4	21_48.rawmk4	23_50.rawmk4
01_21.rawmk4	18_32.rawmk4	20_19.rawmk4	21_51.rawmk4	23_53.rawmk4
01_24.rawmk4	18_35.rawmk4	20_22.rawmk4	21_53.rawmk4	23_56.rawmk4
17_01.rawmk4	18_37.rawmk4	20_25.rawmk4	21_56.rawmk4	23_59.rawmk4
17_06.rawmk4	18_40.rawmk4	20_28.rawmk4	21_59.rawmk4	