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Mauna Loa Solar Observatory Observer's Log  
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Fri Jul 5 16:14:55 GMT 2013

Year: 13 Doy: 186

Observer: waters

WEATHER COMMENT: Fri Jul 5 16:16:18 GMT 2013

Temp 41F, windspeed 6mph from the South-Southwest. Thin cirrus coming in from the west.

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

Fri Jul 5 16:30:41 GMT 2013 CHIP Start Patrol

Fri Jul 5 16:31:52 GMT 2013 CHIP End Patrol

Fri Jul 5 16:33:00 GMT 2013 CHIP Start Patrol

Fri Jul 05 16:51:03 GMT 2013 COMP Start Patrol

COMP COMMENT BY LISA: Fri Jul 5 16:46:01 GMT 2013

Comp was bloomed out. The N-S and E-W occulting disks were set at 76500. I was able to center the occult disk. The The N-S occulting disk is at 77500 and the E-W is set at 94500.

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

Fri Jul 5 16:52:24 GMT 2013 MKIV Start Patrol

Fri Jul 5 16:53:42 GMT 2013: PSPT Start Patrol

NOTE BY LISA: Fri Jul 5 16:52:48 GMT 2013

Sun has risen above some of the cirrus; Comp and Mk4 started.

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

WEATHER COMMENT: Fri Jul 5 17:16:59 GMT 2013

Vog is hanging over saddle road and can be seen at about 11,000ft on Mauna Kea.

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

Fri Jul 5 17:22:33 GMT 2013 MKIV End Patrol

NOTE BY LISA: Fri Jul 5 17:21:06 GMT 2013

A slight haze can be seen over the sun and seems to be degrading Mk4. Instrument idled.

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

Fri Jul 05 17:27:16 GMT 2013 COMP End Patrol

NOTE BY LISA: Fri Jul 5 17:27:27 GMT 2013

Comp idled.

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

Fri Jul 5 17:58:46 GMT 2013 MKIV Start Patrol

Fri Jul 5 18:00:45 GMT 2013 CHIP LSD

Fri Jul 05 18:00:11 GMT 2013 COMP Start Patrol

Fri Jul 5 18:02:29 GMT 2013 CHIP End LSD

Fri Jul 5 18:02:37 GMT 2013 CHIP BiasLSD

Fri Jul 05 18:01:42 GMT 2013 COMP End Patrol

Fri Jul 5 18:03:29 GMT 2013 CHIP End BiasLSD

Fri Jul 5 18:03:37 GMT 2013 CHIP Bias

NOTE BY LISA: Fri Jul 5 18:02:05 GMT 2013

Attempted to start up Mk4 again. U12 needed to be jiggle but now cirrus has rolled in, so MK4 and Comp idled again.

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

Fri Jul 5 18:04:23 GMT 2013 CHIP End Bias

Fri Jul 5 18:04:31 GMT 2013 CHIP ReStart Patrol

Fri Jul 5 18:04:55 GMT 2013 MKIV End Patrol

Fri Jul 5 18:54:58 GMT 2013 CHIP End Patrol

Fri Jul 5 19:02:14 GMT 2013 CHIP Start Patrol

NOTE BY LISA: Fri Jul 5 18:54:01 GMT 2013

Tripped a couple of times on the gap between the cement and wood walkway. placed a piece of wood to temporarily fill it. On a lighter note, dome was reconfigured.

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

Fri Jul 5 21:21:31 GMT 2013 CHIP End Patrol

Fri Jul 5 21:20:59 GMT 2013: PSPT Abort Patrol

NOTE BY LISA: Fri Jul 5 21:44:40 GMT 2013

Orographic clouds have covered the sky. All instruments idled.

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

Sat Jul 6 01:32:11 GMT 2013

MkIV

16\_52.rawmk4 17\_01.rawmk4 17\_10.rawmk4 17\_58.rawmk4

16\_55.rawmk4 17\_04.rawmk4 17\_12.rawmk4 18\_01.rawmk4

16\_58.rawmk4 17\_07.rawmk4 17\_15.rawmk4