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Mauna Loa Solar Observatory Observer's Log  
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Fri Jul 26 16:10:16 GMT 2013

Year: 13 Doy: 207

Observer: waters

WEATHER COMMENT: Fri Jul 26 16:11:16 GMT 2013

Temp 47F, windspeed 20mph from the South-Southeast. Cirrus covering the east as of now.

Waiting to start up.

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

\*\*\*\*EVENT COMMENT BY BEN\*\*\*\*: Fri Jul 26 16:46:35 GMT 2013

Looks like we just missed a large epl near PA 230, a lot of material can be seen in the gong image

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

Fri Jul 26 16:51:27 GMT 2013 CHIP Start Patrol

Fri Jul 26 16:56:45 GMT 2013: PSPT Start Patrol

NOTE BY LISA: Fri Jul 26 16:58:50 GMT 2013

Started Chip, pspt and shabar.

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

Fri Jul 26 18:00:39 GMT 2013 CHIP LSD

Fri Jul 26 18:02:32 GMT 2013 CHIP End LSD

Fri Jul 26 18:02:38 GMT 2013 CHIP BiasLSD

Fri Jul 26 18:03:27 GMT 2013 CHIP End BiasLSD

Fri Jul 26 18:03:33 GMT 2013 CHIP Bias

Fri Jul 26 18:04:04 GMT 2013 CHIP End Bias

Fri Jul 26 18:04:10 GMT 2013 CHIP ReStart Patrol

Fri Jul 26 18:08:19 GMT 2013: PSPT Start Patrol

NOTE BY BEN: Fri Jul 26 18:51:55 GMT 2013

Re-arranged some more of the PSPT furniture.

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

Fri Jul 26 19:13:53 GMT 2013 CHIP End Patrol

NOTE BY LISA: Fri Jul 26 19:18:39 GMT 2013

Dome shutter moved down.

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

Fri Jul 26 19:20:14 GMT 2013 CHIP Start Patrol

Fri Jul 26 19:21:52 GMT 2013 MKIV Start Patrol

Fri Jul 26 19:26:50 GMT 2013 COMP Start Patrol

Fri Jul 26 19:29:22 GMT 2013 MKIV End Patrol

Fri Jul 26 19:39:42 GMT 2013 COMP End Patrol

NOTE BY LISA: Fri Jul 26 19:26:58 GMT 2013

Tried to start up Mk4; still too much haze in the atmosphere at present. Comp, Mk4 idle d.

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

Fri Jul 26 20:40:29 GMT 2013 MKIV Start Patrol

Fri Jul 26 20:40:38 GMT 2013 COMP Start Patrol

NOTE BY LISA: Fri Jul 26 20:42:52 GMT 2013

Haze seems to have dissipated. Mk4 and Comp started.

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

NOTE BY LISA: Fri Jul 26 21:04:57 GMT 2013

U12 was having trouble with Mk4 on startup. It seems to have stablized but the data still looks bad, almost like a dirty lens. Comp seems a bit bright as wl.

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

Fri Jul 26 21:12:05 GMT 2013 COMP End Patrol

NOTE BY LISA: Fri Jul 26 21:13:09 GMT 2013

Thin cirrus degrading images; Mk4 and Comp idled.

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

Fri Jul 26 21:34:30 GMT 2013: PSPT Abort Patrol

Fri Jul 26 21:34:59 GMT 2013: PSPT Start Patrol

Fri Jul 26 21:44:47 GMT 2013 MKIV Start Patrol

Fri Jul 26 21:44:52 GMT 2013 MKIV End Patrol

MKIV COMMENT BY LISA: Fri Jul 26 21:52:30 GMT 2013

Mk4 was sending out of date messages while it was idled. Restarted the instrument and idled again seems to have cleared it.

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

Fri Jul 26 23:02:43 GMT 2013 CHIP LSD

Fri Jul 26 23:04:29 GMT 2013 CHIP End LSD

Fri Jul 26 23:04:37 GMT 2013 CHIP BiasLSD

Fri Jul 26 23:05:14 GMT 2013 CHIP End BiasLSD  
Fri Jul 26 23:05:22 GMT 2013 CHIP Bias  
Fri Jul 26 23:05:51 GMT 2013 CHIP End Bias  
Fri Jul 26 23:05:59 GMT 2013 CHIP ReStart Patrol  
NOTE BY LISA: Fri Jul 26 23:35:53 GMT 2013  
Moved around some cables and table for Pspt when it crashed.

\_\_\_end\_\_\_  
Fri Jul 26 23:47:12 GMT 2013: PSPT Start Patrol  
Sat Jul 27 00:23:06 GMT 2013: PSPT Start Patrol  
NOTE BY LISA: Sat Jul 27 00:41:02 GMT 2013  
Architects invaded!

\_\_\_end\_\_\_  
Sat Jul 27 01:05:28 GMT 2013 MKIV Start Patrol  
Sat Jul 27 01:05:38 GMT 2013 COMP Start Patrol  
Sat Jul 27 01:06:02 GMT 2013 COMP End Patrol  
Sat Jul 27 01:11:36 GMT 2013 MKIV End Patrol  
Sat Jul 27 01:34:48 GMT 2013 CHIP End Patrol  
Sat Jul 27 01:37:47 GMT 2013: PSPT Abort Patrol  
Sat Jul 27 01:46:51 GMT 2013

MkIV

01\_05.rawmk4 20\_40.rawmk4 20\_52.rawmk4 21\_03.rawmk4  
01\_08.rawmk4 20\_43.rawmk4 20\_55.rawmk4 21\_06.rawmk4  
19\_21.rawmk4 20\_46.rawmk4 20\_58.rawmk4 21\_09.rawmk4  
19\_26.rawmk4 20\_49.rawmk4 21\_01.rawmk4 21\_12.rawmk4