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Mauna Loa Solar Observatory Observer's Log  
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Fri May 16 17:09:30 GMT 2014

Year: 14 Doy: 136

Observer: berkey

WEATHER COMMENT: berkey: Fri May 16 17:09:31 GMT 2014

temp 52f, winds still, patchy cirrus.

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

GENERAL OBSERVATORY COMMENT BY berkey: Fri May 16 17:09:49 GMT 2014

Beginning Observatory start up.

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

PSPT COMMENT BY berkey: Fri May 16 17:10:00 GMT 2014

Pspt dos box does not seem to come up right away.

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

Fri May 16 17:56:43 GMT 2014 COMP Start Patrol

Fri May 16 18:04:32 GMT 2014 KCOR Start Synoptic Patrol

Fri May 16 18:25:12 GMT 2014 KCOR End Patrol

Fri May 16 18:27:40 GMT 2014 KCOR Start Synoptic Patrol

Fri May 16 19:07:52 GMT 2014: PSPT Abort Patrol

Fri May 16 19:07:57 GMT 2014: PSPT Abort Patrol

Fri May 16 19:36:05 GMT 2014 KCOR End Patrol

Fri May 16 19:36:06 GMT 2014 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg.ini

Fri May 16 19:52:02 GMT 2014 KCOR End Calibration Script

Fri May 16 19:52:29 GMT 2014 KCOR Start Synoptic Patrol

Fri May 16 20:01:33 GMT 2014 KCOR End Patrol

Fri May 16 20:01:34 GMT 2014 COMP End Patrol

Fri May 16 20:11:05 GMT 2014 KCOR Start Synoptic Patrol

Fri May 16 20:11:55 GMT 2014 COMP Start Patrol

GENERAL OBSERVATORY COMMENT BY waters: Fri May 16 20:12:25 GMT 2014

Dome shutter moved down and SGS adjusted.

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

Fri May 16 21:12:46 GMT 2014 KCOR End Patrol

Fri May 16 21:12:52 GMT 2014 COMP End Patrol

GENERAL OBSERVATORY COMMENT BY berkey: Fri May 16 21:12:48 GMT 2014

Hit a patch of cirrus.

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

Fri May 16 21:22:59 GMT 2014 COMP Start Patrol

Fri May 16 21:23:11 GMT 2014 KCOR Start Synoptic Patrol

Fri May 16 21:25:19 GMT 2014: PSPT Start Patrol

Fri May 16 21:25:58 GMT 2014 KCOR End Patrol

Fri May 16 21:27:12 GMT 2014 COMP End Patrol

PSPT COMMENT BY berkey: Fri May 16 21:25:20 GMT 2014

PSPT was giving a lot of trouble this morning. After a bit of troubleshooting in which the system board was removed and we tried a test with the questionable spare. The spare didn't work so we reverted back to the board from this morning. And after fiddling with the cables PSPT dos machine started. But we kept getting Xedar errors.

After checking cables between the dos box and sun box we eventually rebooted the Xedar box under the Pier which seemed to

bring up the system. However we are now getting the weird PSPT error mode where the image appears a a series of overlapping slices about 1/8 of the array tall.

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

Fri May 16 21:31:03 GMT 2014: PSPT Abort Patrol

Fri May 16 21:33:22 GMT 2014: PSPT Start Patrol

PSPT COMMENT BY berkey: Fri May 16 21:38:25 GMT 2014

To fix the 1/8 slice/strips in the PSPT image we restarted the Xedar box again (by unplugged and plugged back in the power cable that leads into the time box on the north side of the pier).

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

GENERAL OBSERVATORY COMMENT BY berkey: Sat May 17 00:13:34 GMT 2014

Looks like wBoss is now missing on ulua.. Or at least it isnt in the path.

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

GENERAL OBSERVATORY COMMENT BY berkey: Sat May 17 00:17:29 GMT 2014

Rebooted ulua and wBoss started, I think the failure to start was related starting ulua before mlsoserver was ready so not all of the mounts succeeded.

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

Sat May 17 00:34:30 GMT 2014: PSPT Abort Patrol

GENERAL OBSERVATORY COMMENT BY waters: Sat May 17 00:35:10 GMT 2014

Did some maintence on the dome; greased the claw track, the wheels on the shutter, replaced a wheel on the bottom part of the dome and greased some squeaks out of the dome rotation.

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

GENERAL OBSERVATORY COMMENT BY waters: Sat May 17 00:52:00 GMT 2014

Clouds coming in, quite a convenient time to head down to fed ex to ship the ND filter to Boulder.

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