
Mauna Loa Solar Observatory Observer's Log

Sun Apr 14 16:17:14 GMT 2013

Year: 13 Doy: 104

Observer: waters

Sun Apr 14 16:32:20 GMT 2013: PSPT Start Patrol

WEATHER COMMENT: Sun Apr 14 16:18:03 GMT 2013

Temperature 37F, windspeed 10mph from southwest. Clear skies with a bit of a haze towards the East.

____end____

Sun Apr 14 16:42:47 GMT 2013: PSPT Abort Patrol

Sun Apr 14 16:49:50 GMT 2013: PSPT Start Patrol

Sun Apr 14 16:54:02 GMT 2013 CHIP Start Patrol

WEATHER COMMENT: Sun Apr 14 16:58:36 GMT 2013

Cirrus rolling in and out, waiting to start MK4 and Comp.

____end____

Sun Apr 14 17:04:30 GMT 2013: PSPT Abort Patrol

Sun Apr 14 17:05:11 GMT 2013: PSPT Start Patrol

Sun Apr 14 17:10:50 GMT 2013: PSPT Abort Patrol

Sun Apr 14 17:10:56 GMT 2013: PSPT Abort Patrol

PSPT PROBLEM COMMENT BY LISA: Sun Apr 14 17:12:54 GMT 2013

Pspt is having trouble getting the guider on the sun. Shutting down and restarting.

____end____

Sun Apr 14 17:22:20 GMT 2013 CHIP End Patrol

WEATHER COMMENT: Sun Apr 14 17:24:35 GMT 2013

Thick cirrus in the East, all instruments idled.

____end____

PSPT PROBLEM COMMENT BY LISA: Sun Apr 14 17:24:59 GMT 2013

Pspt did not park correctly, it went completely horizontal. Moved it back tot park position with some difficulty; as it go t more vertical, it resisted. Waiting for clearer skies to start up again.

____end____

Sun Apr 14 17:40:21 GMT 2013 CHIP Start Patrol

NOTE BY LISA: Sun Apr 14 17:48:58 GMT 2013

Restarted Chip.

____end____

Sun Apr 14 17:59:54 GMT 2013 MKIV Start Patrol

Sun Apr 14 18:01:45 GMT 2013 CHIP LSD

Sun Apr 14 18:02:53 GMT 2013 COMP Start Patrol

Sun Apr 14 18:03:45 GMT 2013 COMP End Patrol

Sun Apr 14 18:03:33 GMT 2013 CHIP End LSD

Sun Apr 14 18:03:44 GMT 2013 CHIP BiasLSD

Sun Apr 14 18:04:33 GMT 2013 CHIP End BiasLSD

Sun Apr 14 18:04:41 GMT 2013 CHIP Bias

Sun Apr 14 18:05:14 GMT 2013 CHIP End Bias

Sun Apr 14 18:05:22 GMT 2013 CHIP ReStart Patrol

Sun Apr 14 18:06:10 GMT 2013 MKIV End Patrol

Sun Apr 14 18:13:20 GMT 2013 CHIP End Patrol

Sun Apr 14 18:17:28 GMT 2013 CHIP Start Patrol

Sun Apr 14 18:17:55 GMT 2013 COMP Start Patrol
Sun Apr 14 18:18:11 GMT 2013 MKIV Start Patrol

PSPT COMMENT BY LISA: Sun Apr 14 18:14:18 GMT 2013

Pspt kept crashing when homing the guider. After several restarts and a reboot, Pspt seems to be doing better.
____end____

NOTE BY LISA: Sun Apr 14 18:18:37 GMT 2013
Starting instruments.

____end____

Sun Apr 14 18:19:08 GMT 2013: PSPT Start Patrol

NOTE BY LISA: Sun Apr 14 18:21:21 GMT 2013

Sky transmission value is off; currently reading 44.

____end____

Sun Apr 14 19:03:41 GMT 2013 COMP End Patrol

WEATHER COMMENT: Sun Apr 14 19:05:02 GMT 2013

Cirrus degrading images, idling instruments.

____end____

Sun Apr 14 19:05:37 GMT 2013 MKIV End Patrol

Sun Apr 14 19:37:51 GMT 2013 COMP Start Patrol

Sun Apr 14 19:37:42 GMT 2013 MKIV Start Patrol

NOTE BY LISA: Sun Apr 14 19:44:16 GMT 2013

Restarted instruments.

____end____

Sun Apr 14 19:50:41 GMT 2013 COMP End Patrol

WEATHER COMMENT: Sun Apr 14 19:50:15 GMT 2013

Thin cirrus degrading images, MK4 and Comp idled

____end____

Sun Apr 14 19:58:06 GMT 2013 CHIP End Patrol

Sun Apr 14 20:04:00 GMT 2013 COMP Start Patrol

NOTE BY LISA: Sun Apr 14 20:04:01 GMT 2013

Reconfigured dome and instruments restarted.

____end____

Sun Apr 14 20:04:14 GMT 2013 CHIP Start Patrol

Sun Apr 14 20:04:42 GMT 2013 MKIV Start Patrol

Sun Apr 14 20:20:52 GMT 2013 MKIV End Patrol

Sun Apr 14 20:21:03 GMT 2013 MKIV Start Patrol

MKIV PROBLEM COMMENT BY LISA: Sun Apr 14 20:17:41 GMT 2013

Mk4 seems to be hitting it's LCCW limit switch half way through a barrel rotation and isn't correcting itself. It should be noted that it was working fine before it was idled.

____end____

Sun Apr 14 20:24:31 GMT 2013 MKIV End Patrol

Sun Apr 14 20:34:26 GMT 2013 MKIV Start Patrol

MKIV COMMENT BY LISA: Sun Apr 14 20:44:12 GMT 2013

Idling and testing the barrel limits fixed the problem.

____end____

Sun Apr 14 20:46:37 GMT 2013 MKIV End Patrol

Sun Apr 14 20:46:48 GMT 2013 MKIV Start Cal

Sun Apr 14 21:05:40 GMT 2013 MKIV End Cal

Sun Apr 14 21:05:46 GMT 2013 MKIV Start Patrol

Sun Apr 14 21:10:33 GMT 2013: PSPT Start Patrol

GENERAL PROBLEM COMMENT BY LISA: Sun Apr 14 22:09:12 GMT 2013

Shabar currently is not happy. It is currently local noon and I believe the dome is occulting it. However, if I try to move the dome for Shabar, I occult MK4. Leaving Shabar as is until afternoon.

____end____

NOTE BY LISA: Sun Apr 14 22:25:15 GMT 2013

Was able to get dome in correct place for Shabar after the spar moved.

____end____

NOTE BY LISA: Sun Apr 14 22:31:25 GMT 2013

I lied, Shabar is still unhappy.

____end____

CHIP COMMENT BY LISA: Sun Apr 14 22:58:57 GMT 2013

Dome occulted Chip.

____end____

Sun Apr 14 23:00:24 GMT 2013 COMP End Patrol

Sun Apr 14 23:00:26 GMT 2013 COMP Start Patrol

Sun Apr 14 23:01:51 GMT 2013 CHIP LSD

Sun Apr 14 23:03:41 GMT 2013 CHIP End LSD

Sun Apr 14 23:03:54 GMT 2013 CHIP BiasLSD

Sun Apr 14 23:04:50 GMT 2013 CHIP End BiasLSD

Sun Apr 14 23:04:59 GMT 2013 CHIP Bias

Sun Apr 14 23:05:41 GMT 2013 CHIP End Bias

Sun Apr 14 23:05:49 GMT 2013 CHIP ReStart Patrol

Sun Apr 14 23:41:29 GMT 2013 COMP End Patrol

WEATHER COMMENT: Sun Apr 14 23:41:21 GMT 2013

Cirrus degrading images, idling instruments.

____end____

Sun Apr 14 23:42:59 GMT 2013 CHIP End Patrol

Sun Apr 14 23:45:39 GMT 2013 MKIV End Patrol

Sun Apr 14 23:57:28 GMT 2013 COMP Start Patrol

Sun Apr 14 23:57:19 GMT 2013 MKIV Start Patrol

Sun Apr 14 23:57:18 GMT 2013 CHIP Start Patrol

NOTE BY LISA: Sun Apr 14 23:58:01 GMT 2013

Restarted instruments.

____end____

NOTE BY LISA: Mon Apr 15 00:01:53 GMT 2013

Idle MK4 and Comp due to thin cirrus.

____end____

Mon Apr 15 00:03:06 GMT 2013 COMP End Patrol

Mon Apr 15 00:03:28 GMT 2013 MKIV End Patrol

Mon Apr 15 00:16:14 GMT 2013 CHIP End Patrol

Mon Apr 15 00:28:28 GMT 2013 MKIV Start Patrol

Mon Apr 15 00:28:57 GMT 2013 COMP Start Patrol

Mon Apr 15 00:28:46 GMT 2013 CHIP Start Patrol

Mon Apr 15 00:40:06 GMT 2013 COMP End Patrol

Mon Apr 15 00:40:43 GMT 2013 MKIV End Patrol

Mon Apr 15 00:51:29 GMT 2013: PSPT Start Patrol

Mon Apr 15 01:05:53 GMT 2013 CHIP End Patrol

Mon Apr 15 01:08:13 GMT 2013 CHIP Start Patrol
Mon Apr 15 01:25:56 GMT 2013: PSPT Abort Patrol
Mon Apr 15 01:26:47 GMT 2013 CHIP End Patrol
Mon Apr 15 01:42:13 GMT 2013

MkIV

00_00.rawmk4	18_59.rawmk4	20_43.rawmk4	21_56.rawmk4	22_57.rawmk4
00_28.rawmk4	19_02.rawmk4	20_49.rawmk4	21_58.rawmk4	23_00.rawmk4
00_31.rawmk4	19_37.rawmk4	20_56.rawmk4	22_01.rawmk4	23_03.rawmk4
00_34.rawmk4	19_40.rawmk4	21_02.rawmk4	22_04.rawmk4	23_06.rawmk4
00_37.rawmk4	19_43.rawmk4	21_05.rawmk4	22_07.rawmk4	23_09.rawmk4
17_59.rawmk4	19_46.rawmk4	21_08.rawmk4	22_10.rawmk4	23_12.rawmk4
18_02.rawmk4	20_04.rawmk4	21_11.rawmk4	22_13.rawmk4	23_15.rawmk4
18_18.rawmk4	20_07.rawmk4	21_14.rawmk4	22_16.rawmk4	23_18.rawmk4
18_21.rawmk4	20_08.rawmk4	21_17.rawmk4	22_19.rawmk4	23_21.rawmk4
18_24.rawmk4	20_09.rawmk4	21_20.rawmk4	22_22.rawmk4	23_24.rawmk4
18_27.rawmk4	20_11.rawmk4	21_23.rawmk4	22_25.rawmk4	23_27.rawmk4
18_30.rawmk4	20_12.rawmk4	21_26.rawmk4	22_28.rawmk4	23_30.rawmk4
18_32.rawmk4	20_14.rawmk4	21_29.rawmk4	22_31.rawmk4	23_33.rawmk4
18_35.rawmk4	20_15.rawmk4	21_32.rawmk4	22_34.rawmk4	23_36.rawmk4
18_38.rawmk4	20_17.rawmk4	21_35.rawmk4	22_37.rawmk4	23_39.rawmk4
18_41.rawmk4	20_19.rawmk4	21_38.rawmk4	22_40.rawmk4	23_42.rawmk4
18_44.rawmk4	20_21.rawmk4	21_41.rawmk4	22_43.rawmk4	23_57.rawmk4
18_47.rawmk4	20_22.rawmk4	21_44.rawmk4	22_46.rawmk4	c20_46.rawmk4
18_50.rawmk4	20_34.rawmk4	21_47.rawmk4	22_49.rawmk4	c20_53.rawmk4
18_53.rawmk4	20_37.rawmk4	21_50.rawmk4	22_51.rawmk4	c20_59.rawmk4
18_56.rawmk4	20_40.rawmk4	21_52.rawmk4	22_54.rawmk4	