
Mauna Loa Solar Observatory Observer's Log

Sun Feb 3 17:15:47 GMT 2013

Year: 13 Doy: 034

Observer: waters

WEATHER COMMENT: Sun Feb 3 17:17:17 GMT 2013

clear skies, 42 degrees, windspeed 7-12 southeast

____end____

Sun Feb 3 17:47:43 GMT 2013 CHIP Start Patrol

Sun Feb 03 17:51:41 GMT 2013 COMP Start Patrol

Sun Feb 3 17:54:23 GMT 2013 MKIV Start Patrol

Sun Feb 3 18:02:42 GMT 2013 CHIP LSD

Sun Feb 3 18:01:33 GMT 2013: PSPT Start Patrol

Sun Feb 3 18:04:36 GMT 2013 CHIP End LSD

Sun Feb 3 18:04:44 GMT 2013 CHIP BiasLSD

Sun Feb 3 18:05:37 GMT 2013 CHIP End BiasLSD

Sun Feb 3 18:05:46 GMT 2013 CHIP Bias

Sun Feb 3 18:06:28 GMT 2013 CHIP End Bias

Sun Feb 3 18:06:40 GMT 2013 CHIP ReStart Patrol

GENERAL PROBLEM COMMENT BY LISA : Sun Feb 3 18:31:25 GMT 2013

the CoMP temperature montior VI crashed while trying to read the temperature monitor

____end____

NOTE BY LISA: Sun Feb 3 18:52:12 GMT 2013

spar guider o-scope declination is wide. Think it's due to the wind picking up. or it's just being funny. keeping an eye o n it.

____end____

Sun Feb 3 19:07:03 GMT 2013 MKIV End Patrol

Sun Feb 3 19:07:08 GMT 2013 MKIV Start Cal

Sun Feb 3 19:25:57 GMT 2013 MKIV End Cal

Sun Feb 3 19:26:02 GMT 2013 MKIV Start Patrol

Sun Feb 3 20:14:20 GMT 2013 MKIV End Patrol

Sun Feb 3 20:45:56 GMT 2013 MKIV Start Cal

Sun Feb 03 20:48:26 GMT 2013 COMP End Patrol

Sun Feb 03 20:48:28 GMT 2013 COMP Start Patrol

MKIV COMMENT BY BEN: Sun Feb 3 20:47:07 GMT 2013

Starting height mask test. We found the mask could not seat all the way down. It appears that it got bound on some of th e material buildup that is found on the forward section of the occulting disk. (Forward section is the non-shiny part tha t extends

above the definitive disk and absorbs some of the disk light). Cleaning up the mask to enlarge the central hole slightly <1/10mm allowed the mask sit down lower. It is not obvious how to get the mask the last 1/2mm down so it was secured in place with

tape to prevent rocking/moving during scans.

____end____

Sun Feb 3 21:04:44 GMT 2013 MKIV End Cal

Sun Feb 3 21:04:54 GMT 2013 MKIV Start Cal

Sun Feb 3 21:23:38 GMT 2013 MKIV End Cal

Sun Feb 3 21:23:47 GMT 2013 MKIV Start Patrol

Sun Feb 3 21:29:55 GMT 2013 MKIV End Patrol

NOTE BY LISA: Sun Feb 3 21:11:21 GMT 2013

starting shabar air flow test for Steve: brisk wind blowing in, windspeed about 20mph from the east.

____end____

Sun Feb 3 21:41:24 GMT 2013 MKIV Start Patrol

NOTE BY LISA: Sun Feb 3 21:41:38 GMT 2013

Done with height mask test.

____end____

CHIP COMMENT BY LISA: Sun Feb 3 21:47:29 GMT 2013

Got a check chip email but the system appears to be working fine.

____end____

NOTE BY LISA: Sun Feb 3 21:51:55 GMT 2013

Dome was vignetting MK4, moved the dome slightly to the left and turned off the ADR.

____end____

NOTE BY LISA: Sun Feb 3 22:57:31 GMT 2013

Sharbar test over. Closing doors.

____end____

Sun Feb 3 23:02:47 GMT 2013 CHIP LSD

Sun Feb 3 23:04:48 GMT 2013 CHIP End LSD

Sun Feb 3 23:04:57 GMT 2013 CHIP BiasLSD

Sun Feb 3 23:05:49 GMT 2013 CHIP End BiasLSD

Sun Feb 3 23:05:59 GMT 2013 CHIP Bias

Sun Feb 3 23:06:42 GMT 2013 CHIP End Bias

Sun Feb 3 23:06:49 GMT 2013 CHIP ReStart Patrol

Sun Feb 3 23:17:19 GMT 2013: PSPT Start Patrol

MKIV COMMENT BY LISA: Sun Feb 3 23:15:23 GMT 2013

Tried to adjust the ADR facing north in order to stop vignetting on MK4.

____end____

Sun Feb 03 23:45:56 GMT 2013 COMP End Patrol

Sun Feb 03 23:46:01 GMT 2013 COMP Start Patrol

****EVENT COMMENT BY LISA****: Mon Feb 4 01:11:45 GMT 2013

epl launched near pa150 at around 23:40 UT. Can be seen in H-alpha and chip.

____end____

Mon Feb 4 01:19:00 GMT 2013 CHIP End Patrol

Mon Feb 04 01:17:56 GMT 2013 COMP End Patrol

Mon Feb 4 01:19:16 GMT 2013: PSPT Abort Patrol

Mon Feb 4 01:20:19 GMT 2013 MKIV End Patrol

Mon Feb 4 01:36:14 GMT 2013

MkIV

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|--------------|--------------|--------------|--------------|--------------|
| 00_00.rawmk4 | 17_54.rawmk4 | 19_26.rawmk4 | 21_53.rawmk4 | 23_12.rawmk4 |
| 00_03.rawmk4 | 17_58.rawmk4 | 19_28.rawmk4 | 21_56.rawmk4 | 23_15.rawmk4 |
| 00_06.rawmk4 | 18_01.rawmk4 | 19_31.rawmk4 | 21_59.rawmk4 | 23_18.rawmk4 |
| 00_09.rawmk4 | 18_04.rawmk4 | 19_34.rawmk4 | 22_01.rawmk4 | 23_21.rawmk4 |
| 00_12.rawmk4 | 18_07.rawmk4 | 19_37.rawmk4 | 22_04.rawmk4 | 23_24.rawmk4 |
| 00_15.rawmk4 | 18_10.rawmk4 | 19_40.rawmk4 | 22_07.rawmk4 | 23_27.rawmk4 |
| 00_18.rawmk4 | 18_13.rawmk4 | 19_43.rawmk4 | 22_10.rawmk4 | 23_30.rawmk4 |
| 00_21.rawmk4 | 18_16.rawmk4 | 19_46.rawmk4 | 22_13.rawmk4 | 23_33.rawmk4 |

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| 00_24.rawmk4 | 18_19.rawmk4 | 19_49.rawmk4 | 22_16.rawmk4 | 23_39.rawmk4 |
| 00_26.rawmk4 | 18_22.rawmk4 | 19_52.rawmk4 | 22_19.rawmk4 | 23_42.rawmk4 |
| 00_29.rawmk4 | 18_25.rawmk4 | 19_55.rawmk4 | 22_22.rawmk4 | 23_45.rawmk4 |
| 00_32.rawmk4 | 18_28.rawmk4 | 19_58.rawmk4 | 22_25.rawmk4 | 23_48.rawmk4 |
| 00_35.rawmk4 | 18_31.rawmk4 | 20_01.rawmk4 | 22_28.rawmk4 | 23_51.rawmk4 |
| 00_38.rawmk4 | 18_34.rawmk4 | 20_07.rawmk4 | 22_31.rawmk4 | 23_54.rawmk4 |
| 00_41.rawmk4 | 18_37.rawmk4 | 20_10.rawmk4 | 22_34.rawmk4 | 23_57.rawmk4 |
| 00_44.rawmk4 | 18_40.rawmk4 | 20_49.rawmk4 | 22_37.rawmk4 | c19_07.rawmk4 |
| 00_47.rawmk4 | 18_42.rawmk4 | 20_55.rawmk4 | 22_40.rawmk4 | c19_13.rawmk4 |
| 00_50.rawmk4 | 18_45.rawmk4 | 21_01.rawmk4 | 22_43.rawmk4 | c19_19.rawmk4 |
| 00_53.rawmk4 | 18_48.rawmk4 | 21_07.rawmk4 | 22_46.rawmk4 | c20_45.rawmk4 |
| 00_56.rawmk4 | 18_51.rawmk4 | 21_14.rawmk4 | 22_49.rawmk4 | c20_52.rawmk4 |
| 00_59.rawmk4 | 18_54.rawmk4 | 21_20.rawmk4 | 22_51.rawmk4 | c20_58.rawmk4 |
| 01_02.rawmk4 | 18_57.rawmk4 | 21_23.rawmk4 | 22_54.rawmk4 | c21_04.rawmk4 |
| 01_05.rawmk4 | 19_00.rawmk4 | 21_26.rawmk4 | 22_57.rawmk4 | c21_11.rawmk4 |
| 01_08.rawmk4 | 19_03.rawmk4 | 21_41.rawmk4 | 23_00.rawmk4 | c21_17.rawmk4 |
| 01_11.rawmk4 | 19_10.rawmk4 | 21_44.rawmk4 | 23_03.rawmk4 | |
| 01_14.rawmk4 | 19_16.rawmk4 | 21_47.rawmk4 | 23_06.rawmk4 | |
| 01_16.rawmk4 | 19_22.rawmk4 | 21_50.rawmk4 | 23_09.rawmk4 | |