
Mauna Loa Solar Observatory Observer's Log

Wed Jul 17 16:43:11 GMT 2013

Year: 13 Doy: 198

Observer: berkey

WEATHER COMMENT: Wed Jul 17 16:43:10 GMT 2013

Clear skies, temp 45f, wind 5mph from SW

____end____

Wed Jul 17 16:46:30 GMT 2013 COMP Start Patrol

Wed Jul 17 16:50:04 GMT 2013 CHIP Start Patrol

Wed Jul 17 16:51:04 GMT 2013: PSPT Start Patrol

Wed Jul 17 17:01:00 GMT 2013 COMP End Patrol

Wed Jul 17 17:01:22 GMT 2013 MKIV Start Patrol

Wed Jul 17 17:01:45 GMT 2013 COMP Start Patrol

COMP COMMENT BY BEN: Wed Jul 17 17:01:09 GMT 2013

COMP autocenter occulter didnt work and we got a couple images with light spillage. I think the problem was related to a bad dec guider position. Guider was reset and I am restarting the cookbook.

____end____

Wed Jul 17 17:45:07 GMT 2013 MKIV Start Cal

Wed Jul 17 18:02:38 GMT 2013 CHIP LSD

Wed Jul 17 18:04:24 GMT 2013 CHIP End LSD

Wed Jul 17 18:04:37 GMT 2013 CHIP BiasLSD

Wed Jul 17 18:03:59 GMT 2013 MKIV End Cal

Wed Jul 17 18:05:26 GMT 2013 CHIP End BiasLSD

Wed Jul 17 18:05:34 GMT 2013 CHIP Bias

Wed Jul 17 18:06:22 GMT 2013 CHIP End Bias

Wed Jul 17 18:06:29 GMT 2013 CHIP ReStart Patrol

MKIV COMMENT BY BEN: Wed Jul 17 18:24:03 GMT 2013

Mk4 appears to have gotten an xfer error during the calibrations. I am not sure what if anything got saved.

____end____

NOTE BY BEN: Wed Jul 17 18:44:57 GMT 2013

Gong halapha images arent appearing in the ulua animation display.

____end____

Wed Jul 17 19:28:26 GMT 2013

MkIV

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|--------------|--------------|--------------|--------------|---------------|
| 17_01.rawmk4 | 17_14.rawmk4 | 17_26.rawmk4 | 17_38.rawmk4 | 18_00.rawmk4 |
| 17_05.rawmk4 | 17_17.rawmk4 | 17_29.rawmk4 | 17_41.rawmk4 | c17_45.rawmk4 |
| 17_08.rawmk4 | 17_20.rawmk4 | 17_32.rawmk4 | 17_48.rawmk4 | c17_51.rawmk4 |
| 17_11.rawmk4 | 17_23.rawmk4 | 17_35.rawmk4 | 17_54.rawmk4 | c17_57.rawmk4 |

Mauna Loa Solar Observatory Observer's Log

Wed Jul 17 19:34:11 GMT 2013

Year: 13 Doy: 198

Observer: berkey

Wed Jul 17 19:34:25 GMT 2013 MKIV Start Cal

MKIV COMMENT BY BEN: Wed Jul 17 19:34:48 GMT 2013

Rebooted nahenahe, akamai and mk4 mechanisms to try and address the lack of data transfer.

____end____

Wed Jul 17 19:53:07 GMT 2013 MKIV End Cal
Wed Jul 17 19:53:13 GMT 2013 MKIV Start Patrol
Wed Jul 17 20:03:55 GMT 2013 COMP End Patrol
Wed Jul 17 20:03:56 GMT 2013 COMP Start Patrol
Wed Jul 17 20:11:25 GMT 2013 CHIP End Patrol
Wed Jul 17 20:10:14 GMT 2013 COMP End Patrol
Wed Jul 17 20:11:11 GMT 2013 MKIV End Patrol
Wed Jul 17 20:17:47 GMT 2013 MKIV Start Patrol
Wed Jul 17 20:19:24 GMT 2013 CHIP Start Patrol

NOTE BY BEN: Wed Jul 17 20:18:10 GMT 2013

Reconfigured dome shutter.

____end____

Wed Jul 17 20:18:27 GMT 2013 COMP Start Patrol

****GENERAL PROBLEM COMMENT BY BEN****: Wed Jul 17 20:18:26 GMT 2013

Spar couldn't track in dec. O1 side of spar kept moving north of the sun. The lead block I installed last week was removed and tracking as normal resumed.

____end____

******EVENT COMMENT BY BEN******: Wed Jul 17 21:25:50 GMT 2013

EPL can be seen in Chip data near PA100, looks to have launched before 21:00ut but timing is hard to see in chip data

____end____

MKIV COMMENT BY BEN: Wed Jul 17 21:27:35 GMT 2013

Mk4 analog signal has flat lined. U12 led and digital signal look ok not sure if analog problem is real or an artifact of the o-scope

____end____

Wed Jul 17 22:02:25 GMT 2013 COMP End Patrol

NOTE BY BEN: Wed Jul 17 22:02:14 GMT 2013

Idling mk4, comp, and shabar due to low clouds that are moving in from the west

____end____

Wed Jul 17 22:05:24 GMT 2013 MKIV End Patrol
Wed Jul 17 23:01:40 GMT 2013 CHIP LSD
Wed Jul 17 23:03:24 GMT 2013 CHIP End LSD
Wed Jul 17 23:03:36 GMT 2013 CHIP BiasLSD
Wed Jul 17 23:04:12 GMT 2013 CHIP End BiasLSD
Wed Jul 17 23:04:20 GMT 2013 CHIP Bias
Wed Jul 17 23:04:52 GMT 2013 CHIP End Bias
Wed Jul 17 23:05:01 GMT 2013 CHIP ReStart Patrol
Wed Jul 17 23:33:00 GMT 2013: PSPT Abort Patrol

NOTE BY BEN: Wed Jul 17 23:33:06 GMT 2013

Closing domes

____end____

Wed Jul 17 23:33:11 GMT 2013 Wed Jul 17 23:34:25 GMT 2013 CHIP End Patrol

: PSPT Abort Patrol

Thu Jul 18 00:36:32 GMT 2013: PSPT Start Patrol

NOTE BY BEN: Thu Jul 18 00:41:27 GMT 2013

Skies have clear up enough for chip and pspt

___end___
Thu Jul 18 00:42:54 GMT 2013 CHIP Start Patrol
NOTE BY BEN: Thu Jul 18 01:24:47 GMT 2013
Spar lost guiding due to cable binding.

___end___
Thu Jul 18 01:53:56 GMT 2013 MKIV Start Patrol
Thu Jul 18 01:54:35 GMT 2013 COMP Start Patrol
NOTE BY BEN: Thu Jul 18 02:02:17 GMT 2013
Tweaking spar cabling to keep the guider going

___end___
Thu Jul 18 02:23:49 GMT 2013 CHIP End Patrol
Thu Jul 18 02:22:47 GMT 2013 COMP End Patrol
Thu Jul 18 02:23:01 GMT 2013: PSPT Abort Patrol
Thu Jul 18 02:23:09 GMT 2013: PSPT Abort Patrol
Thu Jul 18 02:23:18 GMT 2013: PSPT Abort Patrol
Thu Jul 18 02:23:27 GMT 2013: PSPT Abort Patrol
Thu Jul 18 02:31:31 GMT 2013

MkIV

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|--------------|--------------|--------------|--------------|---------------|
| 01_53.rawmk4 | 17_20.rawmk4 | 19_56.rawmk4 | 20_51.rawmk4 | 21_35.rawmk4 |
| 01_58.rawmk4 | 17_23.rawmk4 | 19_59.rawmk4 | 20_53.rawmk4 | 21_38.rawmk4 |
| 02_01.rawmk4 | 17_26.rawmk4 | 20_02.rawmk4 | 20_56.rawmk4 | 21_41.rawmk4 |
| 02_04.rawmk4 | 17_29.rawmk4 | 20_05.rawmk4 | 20_59.rawmk4 | 21_44.rawmk4 |
| 02_07.rawmk4 | 17_32.rawmk4 | 20_07.rawmk4 | 21_02.rawmk4 | 21_46.rawmk4 |
| 02_12.rawmk4 | 17_35.rawmk4 | 20_17.rawmk4 | 21_05.rawmk4 | 21_49.rawmk4 |
| 02_16.rawmk4 | 17_38.rawmk4 | 20_23.rawmk4 | 21_08.rawmk4 | 21_52.rawmk4 |
| 02_19.rawmk4 | 17_41.rawmk4 | 20_27.rawmk4 | 21_11.rawmk4 | 21_55.rawmk4 |
| 02_22.rawmk4 | 17_48.rawmk4 | 20_30.rawmk4 | 21_14.rawmk4 | 21_58.rawmk4 |
| 17_01.rawmk4 | 17_54.rawmk4 | 20_33.rawmk4 | 21_17.rawmk4 | c17_45.rawmk4 |
| 17_05.rawmk4 | 18_00.rawmk4 | 20_36.rawmk4 | 21_20.rawmk4 | c17_51.rawmk4 |
| 17_08.rawmk4 | 19_37.rawmk4 | 20_39.rawmk4 | 21_23.rawmk4 | c17_57.rawmk4 |
| 17_11.rawmk4 | 19_43.rawmk4 | 20_42.rawmk4 | 21_26.rawmk4 | c19_34.rawmk4 |
| 17_14.rawmk4 | 19_49.rawmk4 | 20_45.rawmk4 | 21_29.rawmk4 | c19_40.rawmk4 |
| 17_17.rawmk4 | 19_53.rawmk4 | 20_48.rawmk4 | 21_32.rawmk4 | c19_46.rawmk4 |