
Mauna Loa Solar Observatory Observer's Log

Sun Jun 24 16:23:54 GMT 2012

Year: 12 Doy: 176

Observer: berkey

Sun Jun 24 16:28:02 GMT 2012 H-ALPHA Start Patrol

Sun Jun 24 16:29:08 GMT 2012 CHIP Start Patrol

WEATHER COMMENT: Sun Jun 24 16:41:37 GMT 2012

Clear skies, wind 20mph from se, temp 45f

____end____

Sun Jun 24 16:42:26 GMT 2012 MKIV Start Patrol

Sun Jun 24 16:44:48 GMT 2012: PSPT Start Patrol

NOTE BY BEN: Sun Jun 24 17:02:59 GMT 2012

Cant align comp occulting disk. Not enough range in e-w.

____end____

Sun Jun 24 18:02:24 GMT 2012 CHIP LSD

Sun Jun 24 18:07:22 GMT 2012 CHIP End LSD

Sun Jun 24 18:07:44 GMT 2012 CHIP BiasLSD

Sun Jun 24 18:09:37 GMT 2012 CHIP End BiasLSD

Sun Jun 24 18:09:59 GMT 2012 CHIP Bias

Sun Jun 24 18:11:38 GMT 2012 CHIP End Bias

Sun Jun 24 18:11:55 GMT 2012 CHIP ReStart Patrol

Sun Jun 24 18:37:19 GMT 2012 CHIP End Patrol

Sun Jun 24 18:41:09 GMT 2012 COMP Start Patrol

COMP PROBLEM COMMENT BY BEN: Sun Jun 24 18:43:23 GMT 2012

Major optical adjustments to CoMP, I think I put everything back in the proper state, but I am not sure.

Problem was E-W micrometer ran out of range because something in the alignment has drifted.

Tried adjusting the shim on O1, looked like it might have given some change in the right direction but not nearly enough range.

Tried adjusting the occulting stage, checking how the disc was steered in the post no change.

Made sure there was no new play in the post, still no apparent change.

After this I just decided to shim up the post the micrometer pushes against to put it back toward the middle of its range. Looked like the micrometer wanted to be at about 125000 when I got here this morning it is not aligned at 97000. (Note max range for the state is 120000).

I think the most likely alignment problem will be the alignment to occulter relative to the FOV. It appears the realtime images are a little less round than they were in the past.

____end____

Sun Jun 24 18:46:27 GMT 2012 CHIP Start Patrol

Sun Jun 24 18:53:08 GMT 2012 MKIV End Patrol

Sun Jun 24 19:12:46 GMT 2012 MKIV End Cal

Sun Jun 24 19:12:52 GMT 2012 MKIV Start Patrol

Sun Jun 24 20:14:10 GMT 2012 COMP End Patrol

Sun Jun 24 20:10:52 GMT 2012 CHIP End Patrol

Sun Jun 24 20:15:49 GMT 2012 H-ALPHA End Patrol

Sun Jun 24 20:18:47 GMT 2012 MKIV End Patrol

Sun Jun 24 20:24:51 GMT 2012 MKIV Start Patrol

Sun Jun 24 20:24:25 GMT 2012 H-ALPHA Start Patrol

Sun Jun 24 20:25:19 GMT 2012 COMP Start Patrol

Sun Jun 24 20:23:02 GMT 2012 CHIP Start Patrol

Sun Jun 24 20:42:00 GMT 2012 COMP End Patrol

CoMP COMMENT BY BEN: Sun Jun 24 20:52:35 GMT 2012

Per request from Steve we are running fast_doppler for a few hours.

____end____

NOTE BY BEN: Sun Jun 24 22:34:21 GMT 2012

The dome may have occulted a few of the fast_doppler comp frames

____end____

Sun Jun 24 22:42:54 GMT 2012 COMP End Patrol

Sun Jun 24 22:42:56 GMT 2012 COMP Start Patrol

Sun Jun 24 23:02:05 GMT 2012 CHIP LSD

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Sun Jun 24 23:07:02 GMT 2012    CHIP    End LSD
Sun Jun 24 23:07:29 GMT 2012    CHIP    BiasLSD
Sun Jun 24 23:09:23 GMT 2012    CHIP    End BiasLSD
Sun Jun 24 23:09:49 GMT 2012    CHIP    Bias
Sun Jun 24 23:11:31 GMT 2012    CHIP    End Bias
Sun Jun 24 23:11:41 GMT 2012    CHIP    ReStart Patrol
Sun Jun 24 23:20:21 GMT 2012    CHIP    End Patrol
**CHIP PROBLEM COMMENT BY BEN**: Sun Jun 24 23:24:11 GMT 2012
Chip software on kii crashed with IPC status error at the end of the BAIS routine
__end__
**CHIP PROBLEM COMMENT BY BEN**: Sun Jun 24 23:27:41 GMT 2012
We also go a bus error on alakai
__end__
Sun Jun 24 23:28:34 GMT 2012    CHIP    End Patrol
Sun Jun 24 23:47:26 GMT 2012    MKIV    Start Patrol
MKIV COMMENT BY BEN: Sun Jun 24 23:48:41 GMT 2012
akamai rebooted, due to barrel glitches
__end__
Mon Jun 25 00:17:23 GMT 2012: PSPT Abort Patrol
Mon Jun 25 00:23:49 GMT 2012    CHIP    End Patrol
Mon Jun 25 00:27:49 GMT 2012 H-ALPHA End Patrol
Mon Jun 25 00:29:25 GMT 2012 COMP End Patrol
Mon Jun 25 00:29:50 GMT 2012    MKIV    End Patrol
Mon Jun 25 00:35:14 GMT 2012
MkIV

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00_03.rawmk4	17_41.rawmk4	19_21.rawmk4	20_57.rawmk4	22_22.rawmk4
00_06.rawmk4	17_44.rawmk4	19_24.rawmk4	21_00.rawmk4	22_25.rawmk4
00_08.rawmk4	17_47.rawmk4	19_27.rawmk4	21_03.rawmk4	22_28.rawmk4
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