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--------------------------------------------------------------------------------
                    Mauna Loa Solar Observatory Observer's Log
--------------------------------------------------------------------------------
          Wed Jun 11 16:28:33 GMT 2008
Year: 08  Doy: 163
Observer: yasukawa
WEATHER COMMENT: Wed Jun 11 16:28:36 GMT 2008
Clear, S wind 7 mph, temp 43 F.
___end___
Wed Jun 11 16:37:42 GMT 2008    CHIP     Start Patrol
Wed Jun 11 16:37:54 GMT 2008    PICS     Start Patrol
PSPT COMMENT: Wed Jun 11 16:38:47 GMT 2008
Starting up.
___end___
A NEW TAPE HAS BEEN PUT INTO KAIEE DLT DRIVE, Wed Jun 11 16:39:06 GMT 2008
**MKIV PROBLEM**: Wed Jun 11 16:46:20 GMT 2008
KCC crashed, had to cycle power to attempt recovery.
___end___
PSPT COMMENT: Wed Jun 11 16:47:06 GMT 2008
Observing.
___end___
Wed Jun 11 16:50:05 GMT 2008    MKIV     Start Patrol
**PSPT PROBLEM**: Wed Jun 11 17:29:17 GMT 2008
C/k/r
___end___
Wed Jun 11 18:00:12 GMT 2008    PICS      Flat
Wed Jun 11 18:01:51 GMT 2008    CHIP      LSD
Wed Jun 11 18:02:49 GMT 2008    MKIV     Start Cal
Wed Jun 11 18:02:50 GMT 2008    PICS      ReStart Patrol
Wed Jun 11 18:03:37 GMT 2008    CHIP      End LSD
Wed Jun 11 18:03:46 GMT 2008    CHIP      BiasLSD
Wed Jun 11 18:04:39 GMT 2008    CHIP      End BiasLSD
Wed Jun 11 18:04:48 GMT 2008    CHIP      Bias
Wed Jun 11 18:05:40 GMT 2008    CHIP      End Bias
Wed Jun 11 18:05:51 GMT 2008    CHIP      ReStart Patrol
Wed Jun 11 18:21:32 GMT 2008    MKIV     End Cal
Wed Jun 11 18:21:38 GMT 2008    MKIV     Start Patrol
NICE MK4       IMAGE: 1805
NICE CHIP      IMAGE: 1806
NICE PICSLIMB IMAGE: 1806
NICE PICSDISC IMAGE: 1806
**MLSO PROBLEM**: Wed Jun 11 18:30:48 GMT 2008
Appears to be some misalignment in MK4 -- brighter in the west.
I can see the inner pixels saturate on the monitor (double-hump o'scope
trace) when barrel rotates around west.
Checked guider and there is some E-W play at the back end.
I will take out the slack by moving the back end UP -- gravity has the
guider sitting on that screw.
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___end___
MKIV PROBLEM: Wed Jun 11 18:37:55 GMT 2008
PICS limb image indicates the move was in the correct direction.
Raw MK4 image on akamai monitor looks more even (inner ring) now
when compared between the CW and CCW scan images.
___end___
Wed Jun 11 18:40:37 GMT 2008   PICS   End Patrol
Wed Jun 11 18:43:38 GMT 2008   PICS   Start Patrol
NICE MK4   IMAGE: 1836
PICS COMMENT: Wed Jun 11 18:45:41 GMT 2008
Checked and dusted off PICS O1. Image appears bright but no cirrus
or vog/haze is apparent. Cleaning did not change limb background very much.
___end___
MKIV COMMENT: Wed Jun 11 18:52:29 GMT 2008
Repeating calibration with the alignment "fixed".
___end___
Wed Jun 11 18:57:18 GMT 2008   MKIV   End Patrol
Wed Jun 11 18:57:24 GMT 2008   MKIV   Start Cal
Wed Jun 11 19:16:09 GMT 2008   MKIV   End Cal
Wed Jun 11 19:18:40 GMT 2008   MKIV   Start Patrol
Wed Jun 11 19:29:14 GMT 2008   CHIP   End Patrol
Wed Jun 11 19:29:20 GMT 2008   PICS   End Patrol
Wed Jun 11 19:30:41 GMT 2008   MKIV   End Patrol
Wed Jun 11 19:34:48 GMT 2008   MKIV   Start Patrol
COMMENT: Wed Jun 11 19:35:02 GMT 2008
Reconfigured dome shutter.
___end___
Wed Jun 11 19:46:21 GMT 2008   CHIP   Start Patrol
Wed Jun 11 19:46:31 GMT 2008   PICS   Start Patrol
COMMENT: Wed Jun 11 19:46:31 GMT 2008
Delay in restarting PICS and CHIP after reconfigure. Got distracted by phone
call
___end___
MKIV COMMENT: Wed Jun 11 20:04:15 GMT 2008
Stopping to examine FeLC mount arrangement.
___end___
Wed Jun 11 20:04:54 GMT 2008   MKIV   End Patrol
Wed Jun 11 20:16:50 GMT 2008   MKIV   Start Patrol
WEATHER COMMENT: Wed Jun 11 20:32:45 GMT 2008
In orographic clouds.
___end___
Wed Jun 11 20:42:09 GMT 2008   CHIP   End Patrol
Wed Jun 11 20:42:23 GMT 2008   PICS   End Patrol
Wed Jun 11 20:47:06 GMT 2008   MKIV   End Patrol
WEATHER COMMENT: Wed Jun 11 20:59:40 GMT 2008
Closing domes ax a precaution.
___end___
MKIV COMMENT: Wed Jun 11 21:22:05 GMT 2008

David loaded new code into KCC. Rebooting KCC to pick it up and will
run a scan in clouds to test if it 1. doesn't crash, and 2. if it writes
the P and the S data into the files. If that works, then David will, later on
this afternoon, reload tha old program back into the KCC.
___end___
Wed Jun 11 21:30:10 GMT 2008   MKIV   Start Patrol
MKIV COMMENT: Wed Jun 11 21:32:03 GMT 2008
BTW, Dome is closed so no coronal data will be taken -- just scanning and
imaging the backside of the dust cap. KCC booted up OK.
___end___
MKIV COMMENT: Wed Jun 11 21:41:29 GMT 2008
Curiously both CW and CCW scans are split almost in half with two different
"textures" on opposite sides -- like, the scan streaks radially the first
half of the scan and then streaks circularly the second half, so the similar
streaking pattern is on opposing hemispheres.
___end___
Wed Jun 11 21:48:01 GMT 2008   MKIV   End Patrol
MKIV COMMENT: Wed Jun 11 21:50:26 GMT 2008
Test over. Idling MK4.
___end___
MKIV COMMENT: Wed Jun 11 21:54:00 GMT 2008
Going upstairs to diddle a bit with the FeLC. Attempting to see if I can
rotate it wthoug rotating the camera which is held by the lollipop shaped
mount providing additional support to the secondary optical rail.
___end___
MKIV COMMENT: Wed Jun 11 23:47:01 GMT 2008
We determined that we can rotate the FeLC. Weather prevents further optical
testing so we will resume on Tuesday or Wednesday after David returns.
I have provided photo-documentation for Darryl in case the weather is good and
the tests are done on Tuesday.
___end___
WEATHER COMMENT: Wed Jun 11 23:50:46 GMT 2008
Weather is nasty. We are completely socked in by thick, dark clouds and
it is currently raining/sleeting, also occasional thunder.
___end___
Thu Jun 12 01:03:55 GMT 2008
        MkIV

16_50.rawmk4   17_38.rawmk4   18_33.rawmk4   19_34.rawmk4   20_32.rawmk4
16_53.rawmk4   17_40.rawmk4   18_36.rawmk4   19_37.rawmk4   20_35.rawmk4
16_59.rawmk4   17_43.rawmk4   18_39.rawmk4   19_40.rawmk4   20_38.rawmk4
17_02.rawmk4   17_46.rawmk4   18_42.rawmk4   19_43.rawmk4   20_40.rawmk4
17_05.rawmk4   17_49.rawmk4   18_45.rawmk4   19_46.rawmk4   20_43.rawmk4
17_08.rawmk4   17_52.rawmk4   18_48.rawmk4   19_49.rawmk4   c18_02.rawmk4
17_11.rawmk4   17_55.rawmk4   18_50.rawmk4   19_52.rawmk4   c18_09.rawmk4
17_14.rawmk4   17_58.rawmk4   18_53.rawmk4   19_55.rawmk4   c18_15.rawmk4
17_17.rawmk4   18_05.rawmk4   19_00.rawmk4   19_58.rawmk4   c18_57.rawmk4
17_20.rawmk4   18_12.rawmk4   19_06.rawmk4   20_01.rawmk4   c19_03.rawmk4

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17_23.rawmk4    18_18.rawmk4    19_12.rawmk4    20_16.rawmk4    c19_09.rawmk4
17_26.rawmk4    18_21.rawmk4    19_18.rawmk4    20_20.rawmk4
17_29.rawmk4    18_24.rawmk4    19_21.rawmk4    20_23.rawmk4
17_32.rawmk4    18_27.rawmk4    19_24.rawmk4    20_26.rawmk4
17_35.rawmk4    18_30.rawmk4    19_27.rawmk4    20_29.rawmk4
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