
Mauna Loa Solar Observatory Observer's Log

Tue May 19 16:42:37 GMT 2009

Year: 09 Doy: 139

Observer: koon

WEATHER COMMENT: Tue May 19 16:42:38 GMT 2009

Clear sky, wind=10 mph from the West, temp=44F.

____end____

Tue May 19 16:48:14 GMT 2009 CHIP Start Patrol

Tue May 19 16:48:45 GMT 2009 PICS Start Patrol

Tue May 19 16:48:55 GMT 2009 MKIV Start Patrol

MKIV COMMENT: Tue May 19 16:49:30 GMT 2009

Trying Patrol in clear sky with newest MV200 board and Digital Input Module from our good MV200 board, Allen tested this combination yesterday but I want to test it with clear sky before I switch back to the other MV200 board.

____end____

PSPT COMMENT: Tue May 19 17:04:07 GMT 2009

obs

____end____

Tue May 19 18:00:39 GMT 2009 CHIP LSD

Tue May 19 18:01:23 GMT 2009 PICS Flat

Tue May 19 18:03:55 GMT 2009 PICS End Flat

Tue May 19 18:04:04 GMT 2009 PICS ReStart Patrol

CHIP PROBLEM : Tue May 19 18:53:17 GMT 2009

Stalled with a segmentation fault during Program:LSD, did a pau/run cycle to fix

____end____

Tue May 19 18:55:04 GMT 2009 CHIP Start Patrol

Tue May 19 18:58:34 GMT 2009 MKIV End Patrol

MKIV COMMENT: Tue May 19 18:58:13 GMT 2009

Scans look like they did on 5/14 with other good MV200 board, corona is very faint in processed images and not visible in realtime images. Pausing now to switch back to older good MV200 board.

____end____

Tue May 19 19:32:21 GMT 2009 MKIV Start Patrol

MKIV COMMENT: Tue May 19 19:37:47 GMT 2009

Installed our older good spare MV200 board with its digital input module back in place. Put newest MV200 board back in its box and both that and our older box of MV200 parts back in the electronics parts cabinet next to the workbench. Currently we need 2 new Digital Input modules to be able to make up 2 good spare MV200 boards, Allen is looking into getting us those.

____end____

Tue May 19 19:44:29 GMT 2009 MKIV End Patrol

MKIV COMMENT: Tue May 19 19:57:29 GMT 2009

Data look decent, stopped Patrol. Now I'll try to peak up the signal by re-aligning the camera.

____end____

Tue May 19 21:21:11 GMT 2009 MKIV Start Patrol

MKIV COMMENT: Tue May 19 21:21:59 GMT 2009

I was able to gain a little more amplitude in the signal, can't get both humps to be the same height unless I reduce the left hump in height and width, but we've always had a taller left hump.

___end___

CHIP PROBLEM: Tue May 19 21:27:14 GMT 2009

Adjusted the centering manually.

___end___

Tue May 19 21:45:00 GMT 2009 MKIV End Patrol

Tue May 19 21:54:04 GMT 2009 MKIV Start Cal

Tue May 19 22:12:46 GMT 2009 MKIV End Cal

MKIV COMMENT: Tue May 19 22:14:21 GMT 2009

I just ran a Cal, now I'll run a Correct to see what the display looks like for the next step of the camera installation process, then I'll run another Cal.

___end___

Tue May 19 22:15:56 GMT 2009 MKIV Start Correct

Tue May 19 22:17:30 GMT 2009 MKIV End Correct

Tue May 19 22:20:50 GMT 2009 MKIV Start Cal

Tue May 19 22:22:20 GMT 2009 MKIV End Cal

Tue May 19 22:23:38 GMT 2009 MKIV Start Patrol

MKIV COMMENT: Tue May 19 22:22:34 GMT 2009

Aborted that Cal because the Opal was in after the Correct and I think that made the Cal start with an incorrect setup. Will run 2 Patrol scans to get the barrel back to normal stop position and run a Cal.

___end___

Tue May 19 22:25:55 GMT 2009 CHIP End Patrol

Tue May 19 22:26:19 GMT 2009 PICS End Patrol

MKIV COMMENT: Tue May 19 22:27:11 GMT 2009

After running the 1st Cal and a Correct I can see faint corona on the realtime display for the first time with this camera in place, I'm not sure which changed things Cal or Correct, Unfortunately there is also a lot of concentric ring type noise also more visible in the scans.

___end___

Tue May 19 22:31:42 GMT 2009 MKIV Start Cal

MKIV COMMENT: Tue May 19 22:31:56 GMT 2009

Actually the Cals start with the Opal in so I was OK when I stopped the 1st cal, I didn't need to stop it, but the increased noise threw me off.

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Tue May 19 22:50:22 GMT 2009 MKIV End Cal

Tue May 19 23:22:12 GMT 2009

MkIV

16_48.rawmk4	17_30.rawmk4	18_11.rawmk4	18_52.rawmk4	21_57.rawmk4
16_51.rawmk4	17_33.rawmk4	18_14.rawmk4	18_55.rawmk4	22_03.rawmk4
16_54.rawmk4	17_36.rawmk4	18_17.rawmk4	19_32.rawmk4	22_09.rawmk4
16_57.rawmk4	17_38.rawmk4	18_20.rawmk4	19_35.rawmk4	22_23.rawmk4
17_00.rawmk4	17_41.rawmk4	18_23.rawmk4	19_38.rawmk4	22_27.rawmk4
17_03.rawmk4	17_44.rawmk4	18_25.rawmk4	19_41.rawmk4	22_34.rawmk4

17_06.rawmk4	17_47.rawmk4	18_28.rawmk4	21_21.rawmk4	22_40.rawmk4
17_09.rawmk4	17_50.rawmk4	18_31.rawmk4	21_24.rawmk4	22_47.rawmk4
17_12.rawmk4	17_53.rawmk4	18_34.rawmk4	21_27.rawmk4	c21_54.rawmk4
17_15.rawmk4	17_56.rawmk4	18_37.rawmk4	21_29.rawmk4	c22_00.rawmk4
17_18.rawmk4	17_59.rawmk4	18_40.rawmk4	21_32.rawmk4	c22_06.rawmk4
17_21.rawmk4	18_02.rawmk4	18_43.rawmk4	21_35.rawmk4	c22_31.rawmk4
17_24.rawmk4	18_05.rawmk4	18_46.rawmk4	21_38.rawmk4	c22_37.rawmk4
17_27.rawmk4	18_08.rawmk4	18_49.rawmk4	21_41.rawmk4	c22_43.rawmk4