
Mauna Loa Solar Observatory Observer's Log

Tue Dec 12 17:24:34 GMT 2006

Year: 06 Doy: 346

Observer: koon

Tue Dec 12 17:28:09 GMT 2006 CHIP Start Patrol

WEATHER COMMENT: Tue Dec 12 17:24:38 GMT 2006

Thin cirrostratus overcast, wind=10-15 mph from the SE, temp=46F.

____end____

SBM COMMENT: Tue Dec 12 17:30:49 GMT 2006

Obs.

____end____

GONG PROBLEM : Tue Dec 12 17:38:38 GMT 2006

The images haven't been updated since 9:21 am yesterday morning, I'll go down and check this out at the shelter.

____end____

PSPT COMMENT: Tue Dec 12 17:39:53 GMT 2006

Obs.

____end____

Tue Dec 12 17:40:01 GMT 2006 MKIV Start Patrol

GONG PROBLEM : Tue Dec 12 17:45:15 GMT 2006

Didn't go down to shelter, the instrument started updating images a few minutes ago, I'm not sure why the last images displayed from yesterday were listed as 1921 UT.

____end____

Tue Dec 12 18:01:52 GMT 2006 CHIP LSD

SBM COMMENT: Tue Dec 12 18:02:22 GMT 2006

Adjusted occulting.

____end____

Tue Dec 12 18:03:41 GMT 2006 CHIP End LSD

Tue Dec 12 18:04:10 GMT 2006 MKIV End Patrol

Tue Dec 12 18:03:58 GMT 2006 CHIP BiasLSD

Tue Dec 12 18:04:27 GMT 2006 MKIV Start Cal

Tue Dec 12 18:05:08 GMT 2006 CHIP End BiasLSD

Tue Dec 12 18:05:17 GMT 2006 CHIP Bias

Tue Dec 12 18:06:10 GMT 2006 CHIP End Bias

Tue Dec 12 18:06:17 GMT 2006 CHIP ReStart Patrol

Tue Dec 12 18:23:19 GMT 2006 MKIV End Cal

Tue Dec 12 18:23:26 GMT 2006 MKIV Start Patrol

PSPT PROBLEM : Tue Dec 12 19:41:38 GMT 2006

Bouncing, loosened clutch to fix.

____end____

CHIP COMMENT: Tue Dec 12 20:57:09 GMT 2006

Segmentation fault caused obs to stop, doing a pau/run cycle to fix it.

____end____

Tue Dec 12 21:01:06 GMT 2006 CHIP Start Patrol

PICS PROBLEM : Tue Dec 12 22:10:15 GMT 2006

I've been working on the bearing keeper and am almost done with it. I could only get a 4-40 screw on the flange for the cable-chain gear, I did that last time, but I snapped off the capscrew flush with the flange today while tightening it. So that leadscrew gear is on there tight with no way to loosen it. It may not be a problem since the whole leadscrew and gear can be removed as a unit anyway, I cut a slot in the washer I'm using as a bearing keeper so it can fit in place without removing the gear, if we ever have to replace the circular bearing there then the gear will have to be pulled off and a new setscrew installed in it. The gear may come loose from wear, that would be a good time to install a new setscrew too.

____end____

Tue Dec 12 23:12:27 GMT 2006 CHIP End Patrol

PICS PROBLEM: Tue Dec 12 23:12:33 GMT 2006

I need to drill and tap hole on the PICS instrument so I'm pausing obs to lock the spar and work on that.

____end____

Tue Dec 12 23:17:29 GMT 2006 MKIV End Patrol

Wed Dec 13 00:39:35 GMT 2006 MKIV Start Patrol

Wed Dec 13 00:39:55 GMT 2006 CHIP Start Patrol

Wed Dec 13 00:40:36 GMT 2006 PICS Start Patrol

Wed Dec 13 00:47:06 GMT 2006 CHIP End Patrol

Wed Dec 13 00:47:07 GMT 2006 PICS End Patrol

PICS PROBLEM: Wed Dec 13 00:41:06 GMT 2006

OK, I fixed the stage problems and restarted, but now the images are overexposed. Stopping everything to open PICS again and look inside.

____end____

Wed Dec 13 00:51:46 GMT 2006 MKIV End Patrol

Wed Dec 13 01:02:15 GMT 2006 MKIV Start Patrol

Wed Dec 13 01:02:51 GMT 2006 CHIP Start Patrol

Wed Dec 13 01:02:53 GMT 2006 PICS Start Patrol

PICS PROBLEM: Wed Dec 13 01:04:01 GMT 2006

OK, all problems are fixed now, the stage is working well and hopefully won't have that same old problem of popping out the leadscrew bearing anymore.

The image is still overexposed but I found the problem, I had forgotten to plug the Halle filter back in, it will take a while to get on-band again.

____end____

PSPT PROBLEM: Wed Dec 13 01:33:04 GMT 2006

Crashed, PC showed "serial port buffer overflow" error message. Killed

runPspt, exited IDL, turned off power like end of day, rebooted PC, then turned on everything and did a "Startup" like the beginning of the day.

This is how it has to be done to avoid a dome runaway.

____end____

Wed Dec 13 02:07:08 GMT 2006 MKIV End Patrol

NICE PICSDISC IMAGE: 0206

NICE PICSLIMB IMAGE: 0043

Wed Dec 13 02:12:42 GMT 2006 CHIP End Patrol

NICE CHIP IMAGE: 1842

Wed Dec 13 02:13:12 GMT 2006 PICS End Patrol

NICE MK4 IMAGE: 1838
Wed Dec 13 02:30:08 GMT 2006
MkIV

00_39.rawmk4	17_46.rawmk4	19_19.rawmk4	20_41.rawmk4	22_03.rawmk4
00_42.rawmk4	17_48.rawmk4	19_22.rawmk4	20_44.rawmk4	22_06.rawmk4
00_45.rawmk4	17_51.rawmk4	19_25.rawmk4	20_47.rawmk4	22_09.rawmk4
00_48.rawmk4	17_54.rawmk4	19_28.rawmk4	20_50.rawmk4	22_12.rawmk4
01_02.rawmk4	17_57.rawmk4	19_31.rawmk4	20_53.rawmk4	22_15.rawmk4
01_05.rawmk4	18_00.rawmk4	19_33.rawmk4	20_56.rawmk4	22_18.rawmk4
01_08.rawmk4	18_07.rawmk4	19_36.rawmk4	20_59.rawmk4	22_21.rawmk4
01_11.rawmk4	18_13.rawmk4	19_39.rawmk4	21_02.rawmk4	22_24.rawmk4
01_14.rawmk4	18_19.rawmk4	19_42.rawmk4	21_04.rawmk4	22_27.rawmk4
01_16.rawmk4	18_23.rawmk4	19_45.rawmk4	21_08.rawmk4	22_30.rawmk4
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01_22.rawmk4	18_29.rawmk4	19_51.rawmk4	21_13.rawmk4	22_36.rawmk4
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17_43.rawmk4	19_16.rawmk4	20_38.rawmk4	22_00.rawmk4	c18_16.rawmk4