
Mauna Loa Solar Observatory Observer's Log

Fri May 23 16:19:51 GMT 2008

Year: 08 Doy: 144

Observer: yasukawa

WEATHER COMMENT: Fri May 23 16:20:02 GMT 2008

Clear, SE wind 8 mph, temp 42 F.

____end____

A NEW TAPE HAS BEEN PUT INTO KAIEE DLT DRIVE, Fri May 23 16:27:19 GMT 2008

Fri May 23 16:29:27 GMT 2008 CHIP Start Patrol

PSPT COMMENT: Fri May 23 16:29:45 GMT 2008

Starting up.

____end____

Fri May 23 16:29:49 GMT 2008 PICS Start Patrol

PSPT COMMENT: Fri May 23 16:38:28 GMT 2008

Observing.

____end____

Fri May 23 16:40:49 GMT 2008 MKIV Start Patrol

COMMENT: Fri May 23 16:57:48 GMT 2008

Guider declination was drifting, reset it.

____end____

Fri May 23 17:57:31 GMT 2008 MKIV End Patrol

Fri May 23 18:00:18 GMT 2008 PICS Flat

Fri May 23 18:02:35 GMT 2008 PICS End Flat

Fri May 23 18:02:41 GMT 2008 CHIP LSD

Fri May 23 18:02:44 GMT 2008 PICS ReStart Patrol

Fri May 23 18:04:30 GMT 2008 CHIP End LSD

Fri May 23 18:04:48 GMT 2008 CHIP BiasLSD

Fri May 23 18:05:55 GMT 2008 CHIP End BiasLSD

Fri May 23 18:06:03 GMT 2008 CHIP Bias

Fri May 23 18:06:55 GMT 2008 CHIP End Bias

Fri May 23 18:07:02 GMT 2008 CHIP ReStart Patrol

Fri May 23 18:17:07 GMT 2008 MKIV End Cal

Fri May 23 18:17:14 GMT 2008 MKIV Start Patrol

NICE MK4 IMAGE: 1801

NICE CHIP IMAGE: 1802

NICE PICSLIMB IMAGE: 1800

NICE PICSDISC IMAGE: 1803

Fri May 23 19:26:27 GMT 2008 CHIP End Patrol

Fri May 23 19:27:29 GMT 2008 PICS End Patrol

Fri May 23 19:28:38 GMT 2008 MKIV End Patrol

Fri May 23 19:32:52 GMT 2008 MKIV Start Patrol

COMMENT: Fri May 23 19:33:03 GMT 2008

Reconfigured dome shutter.

____end____

Fri May 23 19:33:08 GMT 2008 CHIP Start Patrol

Fri May 23 19:33:18 GMT 2008 PICS Start Patrol

COMMENT: Fri May 23 21:13:16 GMT 2008

Declination recentered itself, repointed the spar and rest guider.

____end____

PSPT PROBLEM : Fri May 23 22:36:44 GMT 2008

C/K/R

Crashed at an unusual spot--executing a "dome ephm" command.

I'm not sure if Darryl encountered this yesterday, but today was the first time this year that I needed to rotate the main dome in the opposite direction due to the sun passing north of straight-up rather than to the south. Maybe this "declination event" caused some confusion for the pspt dome ephm program??

____end____

PSPT PROBLEM : Fri May 23 22:55:10 GMT 2008

Crashed again attempting to execute dome ephm. K/r

____end____

PSPT PROBLEM : Fri May 23 23:12:07 GMT 2008

ditto earlier problem.

Sparc control panel message window indicated crash occurring during Centering after the "waiting until " message, BTW. (same for previous crashes)

____end____

PSPT PROBLEM : Fri May 23 23:32:24 GMT 2008

Not getting anywhere. Still dying trying to do dome ephm after the startup wait after restarting. Killed processes again. This time I will wait a while until the sun gets lower and then try restarting. Hopefully the ephemeris program will be able to deal with the sun past zenith. Problem should go away in a day or so.

____end____

Sat May 24 00:37:32 GMT 2008 CHIP End Patrol

Sat May 24 00:37:48 GMT 2008 PICS End Patrol

COMMENT: Sat May 24 00:45:48 GMT 2008

Reconfigured dome shutter.

____end____

Sat May 24 00:46:14 GMT 2008 CHIP Start Patrol

PSPT COMMENT: Sat May 24 00:46:09 GMT 2008

Retrying restart.

____end____

Sat May 24 00:46:23 GMT 2008 PICS Start Patrol

Sat May 24 00:46:49 GMT 2008 MKIV Start Patrol

PSPT PROBLEM : Sat May 24 00:56:26 GMT 2008

Was barking up the wrong tree! Dome ephm was stalling because the dome shutter cable connector may have snagged the command cable to the dome rotation control box enough to pull out the connector just enough to disable the communication between the control electronics and the drive electronics. Secured connector and restarted obs.

____end____

PSPT PROBLEM : Sat May 24 01:17:08 GMT 2008

"standard" crash (clr cak), k/r

____end____

PSPT PROBLEM : Sat May 24 02:28:57 GMT 2008

Dome failed to rotate to stow position. Checked comm connector and wiggling it did not affect the problem. Checked Run relay (large mechanical one) and it was not making good contact. Pushing on the actuator rotated the dome. Will need to troubleshoot further tomorrow -- poor contact or problem with the smaller black relays in the bottom of the box.

___end___

Sat May 24 02:37:46 GMT 2008 CHIP End Patrol
Sat May 24 02:38:33 GMT 2008 PICS End Patrol
Sat May 24 02:38:58 GMT 2008 MKIV End Patrol
Sat May 24 02:43:58 GMT 2008

MkIV

00_01.rawmk4	02_03.rawmk4	18_07.rawmk4	20_14.rawmk4	22_16.rawmk4
00_04.rawmk4	02_06.rawmk4	18_13.rawmk4	20_16.rawmk4	22_19.rawmk4
00_07.rawmk4	02_09.rawmk4	18_17.rawmk4	20_19.rawmk4	22_22.rawmk4
00_10.rawmk4	02_12.rawmk4	18_20.rawmk4	20_22.rawmk4	22_24.rawmk4
00_13.rawmk4	02_14.rawmk4	18_23.rawmk4	20_25.rawmk4	22_27.rawmk4
00_16.rawmk4	02_17.rawmk4	18_26.rawmk4	20_28.rawmk4	22_30.rawmk4
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02_00.rawmk4	18_01.rawmk4	20_11.rawmk4	22_13.rawmk4	c18_10.rawmk4