

-----  
Mauna Loa Solar Observatory Observer's Log  
-----

Tue Oct 5 17:18:58 GMT 2010

Year: 10 Doy: 278

Observer: koon

WEATHER COMMENT: Tue Oct 5 17:18:59 GMT 2010

Clear sky, no wind, temp=46F.

\_\_\_\_end\_\_\_\_

Tue Oct 5 17:25:18 GMT 2010 MKIV Start Patrol

Tue Oct 05 17:25:40 GMT 2010 H-ALPHA Start Patrol

Tue Oct 5 17:29:36 GMT 2010 CHIP Start Patrol

Tue Oct 05 17:38:00 GMT 2010 COMP Start Patrol

Tue Oct 5 17:56:25 GMT 2010 CHIP Start Patrol

\*\*CHIP PROBLEM COMMENT BY DARRYL\*\*: Tue Oct 5 17:56:29 GMT 2010

It took a few pictures and crashed at WaitOptics, did 'pau", then Cancelled tasks, then turned off MCC for about 5 to 10 minutes, then turned on MCC main power, then did "run" (had to do this twice), and then I could run Patrol like usual w/o crashes.

\_\_\_\_end\_\_\_\_

Tue Oct 5 18:02:52 GMT 2010 CHIP LSD

Tue Oct 5 18:04:27 GMT 2010 CHIP End LSD

Tue Oct 5 18:04:36 GMT 2010 CHIP BiasLSD

Tue Oct 5 18:05:27 GMT 2010 CHIP End BiasLSD

Tue Oct 5 18:05:39 GMT 2010 CHIP Bias

Tue Oct 5 18:06:23 GMT 2010 CHIP End Bias

Tue Oct 5 18:06:34 GMT 2010 CHIP ReStart Patrol

Tue Oct 5 18:18:40 GMT 2010 MKIV End Patrol

Tue Oct 5 18:18:46 GMT 2010 MKIV Start Cal

Tue Oct 5 18:37:36 GMT 2010 MKIV End Cal

Tue Oct 5 19:05:05 GMT 2010 MKIV Start Patrol

Tue Oct 05 19:17:47 GMT 2010 COMP End Patrol

Tue Oct 05 19:18:29 GMT 2010 COMP Start Patrol

NOTE BY DARRYL: Tue Oct 5 19:37:33 GMT 2010

Adjusted dome slot.

\_\_\_\_end\_\_\_\_

WEATHER COMMENT: Tue Oct 5 19:37:45 GMT 2010

Cirrus starting to pass over, low clouds gathering to the East.

\_\_\_\_end\_\_\_\_

Tue Oct 05 19:44:11 GMT 2010 COMP End Patrol

Tue Oct 05 19:46:49 GMT 2010 COMP Start Patrol

Tue Oct 5 20:13:08 GMT 2010 CHIP End Patrol

Tue Oct 05 20:13:44 GMT 2010 COMP End Patrol

WEATHER COMMENT: Tue Oct 5 20:13:17 GMT 2010

Big dark cloud above, pausing instruments and closing domes.

\_\_\_\_end\_\_\_\_

Tue Oct 05 20:15:37 GMT 2010 H-ALPHA End Patrol

Tue Oct 5 20:15:56 GMT 2010 MKIV End Patrol

WEATHER COMMENT: Tue Oct 5 20:40:37 GMT 2010

Foggy.

\_\_\_\_end\_\_\_\_

\*\*PSPT PROBLEM COMMENT BY DARRYL\*\*:

Wed Oct 6 00:01:24 GMT 2010

I tried putting some troubleshooting comments in the psptsubs.c code and in various idl routines. It looks to me like the idl routines are waiting for a response from the camera, pspt\_show\_image subroutine (in pspt.pro) seems to stall at intial definition line which contain the variable array called "img" which is a 2 dimensional array that is supposed to be created by the IDL/NSO software used in mcg.pro . I checked out the Xedar camera controller box and don't see anything unusual with it, it contains a fuse which is still goog. I asked Greg if he could send us a spare Xedar camera box if he can find one there. Tomorrow I'll probably try swapping the interface board on the Sparc that connects to the Xedar camera box, this camera box has an optical link with the camera so there must be other connections with the camera that I'll need to find and test too.

\_\_\_\_end\_\_\_\_

CoMP COMMENT BY DARRYL: Wed Oct 6 00:49:38 GMT 2010

Sending CoMP #2 HDD to Don today.

\_\_\_\_end\_\_\_\_

Wed Oct 6 00:59:12 GMT 2010

MkIV

17_25.rawmk4	17_54.rawmk4	18_34.rawmk4	19_31.rawmk4	20_00.rawmk4
17_28.rawmk4	17_57.rawmk4	19_05.rawmk4	19_34.rawmk4	20_03.rawmk4
17_31.rawmk4	18_00.rawmk4	19_08.rawmk4	19_37.rawmk4	20_06.rawmk4
17_34.rawmk4	18_03.rawmk4	19_10.rawmk4	19_40.rawmk4	20_09.rawmk4
17_37.rawmk4	18_06.rawmk4	19_13.rawmk4	19_43.rawmk4	20_12.rawmk4
17_40.rawmk4	18_09.rawmk4	19_16.rawmk4	19_46.rawmk4	c18_18.rawmk4
17_43.rawmk4	18_12.rawmk4	19_19.rawmk4	19_49.rawmk4	c18_25.rawmk4
17_46.rawmk4	18_15.rawmk4	19_22.rawmk4	19_52.rawmk4	c18_31.rawmk4
17_48.rawmk4	18_21.rawmk4	19_25.rawmk4	19_55.rawmk4	
17_51.rawmk4	18_28.rawmk4	19_28.rawmk4	19_57.rawmk4	