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                    Mauna Loa Solar Observatory Observer's Log
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            Sun Sep 26 17:29:01 GMT 2010
Year: 10  Doy: 269
Observer: koon
WEATHER COMMENT: Sun Sep 26 17:29:03 GMT 2010
Clear sky, wind=10mph from the SE, temp=46F.
___end___
Sun Sep 26 17:34:41 GMT 2010 H-ALPHA Start Patrol
Sun Sep 26 17:35:11 GMT 2010 H-ALPHA End Patrol
Sun Sep 26 17:40:33 GMT 2010    MKIV    Start Patrol
Sun Sep 26 17:57:31 GMT 2010    CHIP     Start Patrol
Sun Sep 26 18:04:29 GMT 2010: PSPT Start Patrol
Sun Sep 26 18:06:49 GMT 2010 H-ALPHA Start Patrol
Sun Sep 26 18:10:18 GMT 2010    MKIV    End Patrol
Sun Sep 26 18:10:25 GMT 2010    MKIV    Start Cal
Sun Sep 26 18:29:11 GMT 2010    MKIV    End Cal
Sun Sep 26 18:29:21 GMT 2010    MKIV    Start Patrol
Sun Sep 26 18:55:29 GMT 2010    CHIP     Start Patrol
Sun Sep 26 18:56:33 GMT 2010: PSPT Start Patrol
**CHIP PROBLEM COMMENT BY DARRYL**: Sun Sep 26 18:10:09 GMT 2010
No GUI at start, cycled MCC main power switch to fix, then stalled at
WaitOptics, did a pau then Cancel tasks then cycle MCC main power again
to fix.
___end___
Sun Sep 26 19:11:51 GMT 2010: PSPT Start Patrol
**PSPT PROBLEM COMMENT BY DARRYL**: Sun Sep 26 21:24:48 GMT 2010
PSPT stalled, I tried to get it going and noticed that it would stall
waiting with the "timeout counter" counting when it was supposed to be
taling an image.  I tried taking a manual image from the Sparc IDL GUI
and I can see the Uniblitz shutter driver blink as if it received a
signal sent to it but I couldn't tell if the shutter actually moved,
I need another person's help with that, but then the Sparc showed that the
timeout counter kept counting as if the Sparc is waiting for some kind
of reply.  I connected the shutter driver directly to the shutter and
I could manually drive it so it looks like the manual controls on the
shutter driver box and the shutter work.  I can manually move the
dome and the filter wheel via the PC so it looks like the PC is at
least partially working correctly.  We'll continue working on this
but next week is very busy with both Michael Thompson and Steve Tomczyk
visiting us and the need to get CoMP working correctly.  If any log
readers have any ideas please forward them to us at MLSO, for now the
PSPT is down.  I couldn't find anything obviously wrong with the
PSPT electronics either, I'll request that the folks in Boulder send us
the spare PSPT stuff for our troubleshooting now and in the future.
___end___
**PSPT PROBLEM COMMENT BY DARRYL**: Sun Sep 26 21:54:52 GMT 2010
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An important observation: I smelled overheated electronics that seemed to
come from the Uniblitz shutter controller or the area behind the PSPT
electronics cabinet back when I first noticed that the PSPT was stalled,
it wasn't strong and faded after a few minutes but it was noticeable.
___end___
Sun Sep 26 22:45:32 GMT 2010   CHIP   End Patrol
Sun Sep 26 22:48:22 GMT 2010 H-ALPHA End Patrol
Sun Sep 26 22:50:53 GMT 2010   MKIV   End Patrol
WEATHER COMMENT: Sun Sep 26 22:53:28 GMT 2010
Low clouds have moved in.
___end___
CoMP COMMENT BY DARRYL: Sun Sep 26 23:26:15 GMT 2010
I filled the instrument with LN2 in preparation for possibly using it
tomorrow, I turned on the Cropico temperature sensor and set the
Lightwave temperature controller output to On, waited for Lakeshore
temperature sensor to get below -170 C then turned on the watchdog
program to monitor the camera temperature.
___end___
Sun Sep 26 23:55:03 GMT 2010
        MkIV

17_40.rawmk4   18_52.rawmk4   19_58.rawmk4   21_00.rawmk4   22_09.rawmk4
17_43.rawmk4   18_55.rawmk4   20_01.rawmk4   21_03.rawmk4   22_12.rawmk4
17_46.rawmk4   18_58.rawmk4   20_04.rawmk4   21_06.rawmk4   22_15.rawmk4
17_49.rawmk4   19_01.rawmk4   20_07.rawmk4   21_09.rawmk4   22_18.rawmk4
17_52.rawmk4   19_04.rawmk4   20_10.rawmk4   21_11.rawmk4   22_21.rawmk4
17_55.rawmk4   19_07.rawmk4   20_13.rawmk4   21_14.rawmk4   22_24.rawmk4
17_58.rawmk4   19_10.rawmk4   20_16.rawmk4   21_17.rawmk4   22_27.rawmk4
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18_07.rawmk4   19_19.rawmk4   20_24.rawmk4   21_26.rawmk4   22_35.rawmk4
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18_47.rawmk4   19_52.rawmk4   20_54.rawmk4   22_02.rawmk4
18_49.rawmk4   19_55.rawmk4   20_57.rawmk4   22_06.rawmk4