
Mauna Loa Solar Observatory Observer's Log

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 taking 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

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
18_01.rawmk4	19_13.rawmk4	20_19.rawmk4	21_20.rawmk4	22_30.rawmk4
18_04.rawmk4	19_16.rawmk4	20_21.rawmk4	21_23.rawmk4	22_32.rawmk4
18_07.rawmk4	19_19.rawmk4	20_24.rawmk4	21_26.rawmk4	22_35.rawmk4
18_13.rawmk4	19_22.rawmk4	20_27.rawmk4	21_29.rawmk4	22_38.rawmk4
18_19.rawmk4	19_28.rawmk4	20_30.rawmk4	21_32.rawmk4	22_41.rawmk4
18_25.rawmk4	19_32.rawmk4	20_33.rawmk4	21_35.rawmk4	22_44.rawmk4
18_29.rawmk4	19_34.rawmk4	20_36.rawmk4	21_38.rawmk4	22_47.rawmk4
18_32.rawmk4	19_37.rawmk4	20_39.rawmk4	21_44.rawmk4	c18_10.rawmk4
18_35.rawmk4	19_40.rawmk4	20_42.rawmk4	21_48.rawmk4	c18_16.rawmk4
18_38.rawmk4	19_43.rawmk4	20_45.rawmk4	21_51.rawmk4	c18_22.rawmk4
18_41.rawmk4	19_46.rawmk4	20_48.rawmk4	21_53.rawmk4	
18_44.rawmk4	19_49.rawmk4	20_51.rawmk4	21_56.rawmk4	
18_47.rawmk4	19_52.rawmk4	20_54.rawmk4	22_02.rawmk4	
18_49.rawmk4	19_55.rawmk4	20_57.rawmk4	22_06.rawmk4	