
Mauna Loa Solar Observatory Observer's Log

Tue Aug 24 17:12:23 GMT 2010

Year: 10 Doy: 236

Observer: koon

WEATHER COMMENT: Tue Aug 24 17:12:25 GMT 2010

Clear sky, wind=5mph from the East, temp=50F.

____end____

Tue Aug 24 17:33:15 GMT 2010 MKIV Start Patrol

NOTE BY DARRYL: Tue Aug 24 17:34:56 GMT 2010

Road was blocked at 8 mile marker, I told them I worked up here and they let me through.

____end____

Tue Aug 24 17:35:53 GMT 2010 H-ALPHA Start Patrol

Tue Aug 24 17:35:57 GMT 2010 CHIP Start Patrol

CoMP COMMENT BY DARRYL: Tue Aug 24 17:42:17 GMT 2010

The Rockwell camera temperature got above -170 C and was automatically shut down. After filling with LN2 I shutdown the CoMP program and the Camera Temperature program and started them up again, then I saw that the camera temperature was below -170 (on the Camera Temp window on PC) so I turned on the power to Pulizzi channel 3 and continued like normal.

____end____

Tue Aug 24 17:48:49 GMT 2010: PSPT Start Patrol

NOTE BY DARRYL: Tue Aug 24 17:52:00 GMT 2010

HawTel said that their Fiber Optic cables and poles were damaged/destroyed along the normal Saddle Road route in the range fire area and that it will take a lot of repairs to get that back to normal. They re-routed our lines through Kamuela and we had service back on the same day of the fire, that was Sunday 8/22/10. Currently it is cloudy/smoky in the area of the fire and smoky in the Saddle but much less than it was on Sunday.

____end____

Tue Aug 24 18:00:41 GMT 2010 CHIP LSD

Tue Aug 24 18:02:22 GMT 2010 CHIP End LSD

Tue Aug 24 18:02:30 GMT 2010 CHIP BiasLSD

Tue Aug 24 18:03:21 GMT 2010 CHIP End BiasLSD

Tue Aug 24 18:03:29 GMT 2010 CHIP Bias

Tue Aug 24 18:04:13 GMT 2010 CHIP End Bias

Tue Aug 24 18:04:20 GMT 2010 CHIP ReStart Patrol

Tue Aug 24 18:04:16 GMT 2010 COMP Start Patrol

CoMP COMMENT BY DARRYL: Tue Aug 24 18:04:36 GMT 2010

The first 2 attempts at Focus were not good, first one was a flat horizontal line through the range, the 2nd rose upward and had the peak off the graph to the right, the 3rd worked and looked normal. During the first 2 attempts the images looked grainy and the Camera Temperature was about -180, during the 3rd attempt the image looked much less grainy and the temp was seemingly stabilized around -182.7 C

____end____

PSPT PROBLEM COMMENT BY DARRYL: Tue Aug 24 19:09:59 GMT 2010

Crashed restarted.

____end____

GONG COMMENT BY DARRYL: Tue Aug 24 19:10:14 GMT 2010

Changed the tapes.

____end____

Tue Aug 24 19:10:39 GMT 2010: PSPT Start Patrol

Tue Aug 24 19:26:38 GMT 2010 COMP End Patrol

Tue Aug 24 19:45:53 GMT 2010 COMP Start Patrol

COMP PROBLEM COMMENT BY DARRYL: Tue Aug 24 19:51:29 GMT 2010

I noticed that the opal was in a lot, the images were bright too, I thought it might be part of a recipe so I let it go and checked now and then. The opal stayed in place even though the GUI said it was out. I tried various ways to move the opal out but the way that worked was to stop the program and exit the Comp.vi program, then start it up again and run the program. I also checked the cables and drive mechanisms for the opal and they looked OK. It is functioning correctly now.

____end____

GENERAL PROBLEM COMMENT BY DARRYL: Tue Aug 24 20:02:23 GMT 2010

Sometime in the past the ground wire for the elevator battery cord overheated and melted through the insulation, I cut the cord so it can't be plugged in.

I'll get a trickle charger for the battery.

____end____

Tue Aug 24 20:50:03 GMT 2010 MKIV End Patrol

Tue Aug 24 21:09:38 GMT 2010 MKIV End Cal

Tue Aug 24 21:09:43 GMT 2010 MKIV Start Patrol

Tue Aug 24 21:14:49 GMT 2010 COMP End Patrol

Tue Aug 24 21:15:31 GMT 2010 COMP Start Patrol

CoMP COMMENT BY DARRYL: Tue Aug 24 21:47:17 GMT 2010

Deleted data folders 20100801 through 20100805 from AlreadyCopied folder.

____end____

Tue Aug 24 21:49:22 GMT 2010 COMP End Patrol

Tue Aug 24 21:51:15 GMT 2010 COMP Start Patrol

Tue Aug 24 23:01:44 GMT 2010 CHIP LSD

Tue Aug 24 23:03:13 GMT 2010 CHIP End LSD

Tue Aug 24 23:03:21 GMT 2010 CHIP BiasLSD

Tue Aug 24 23:03:58 GMT 2010 CHIP End BiasLSD

Tue Aug 24 23:04:06 GMT 2010 CHIP Bias

Tue Aug 24 23:04:42 GMT 2010 CHIP End Bias

Tue Aug 24 23:04:50 GMT 2010 CHIP ReStart Patrol

Tue Aug 24 23:18:40 GMT 2010 COMP End Patrol

Tue Aug 24 23:19:22 GMT 2010 COMP Start Patrol

NOTE BY DARRYL: Tue Aug 24 23:22:07 GMT 2010

The ADR worked throughout solar noon today.

____end____

Tue Aug 24 23:39:36 GMT 2010 CHIP End Patrol

Tue Aug 24 23:40:28 GMT 2010Tue Aug 24 23:40:08 GMT 2010 COMP End Patrol

: PSPT Abort Patrol

Tue Aug 24 23:42:24 GMT 2010 H-ALPHA End Patrol

Tue Aug 24 23:43:53 GMT 2010
Wed Aug 25 00:26:12 GMT 2010
MkIV

MKIV End Patrol

17_33.rawmk4	18_51.rawmk4	20_04.rawmk4	21_27.rawmk4	22_37.rawmk4
17_36.rawmk4	18_54.rawmk4	20_08.rawmk4	21_30.rawmk4	22_40.rawmk4
17_39.rawmk4	18_57.rawmk4	20_11.rawmk4	21_33.rawmk4	22_43.rawmk4
17_42.rawmk4	19_00.rawmk4	20_14.rawmk4	21_36.rawmk4	22_46.rawmk4
17_45.rawmk4	19_03.rawmk4	20_17.rawmk4	21_39.rawmk4	22_49.rawmk4
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18_48.rawmk4	19_59.rawmk4	21_24.rawmk4	22_35.rawmk4	c21_03.rawmk4