
Mauna Loa Solar Observatory Observer's Log

Tue Jul 19 17:00:10 GMT 2011

Year: 11 Doy: 200

Observer: koon

WEATHER COMMENT: Tue Jul 19 17:00:13 GMT 2011

Clear sky, wind=15mph from the SE, temp=50F.

____end____

Tue Jul 19 17:09:42 GMT 2011 MKIV Start Patrol

Tue Jul 19 17:09:50 GMT 2011 H-ALPHA Start Patrol

COMP COMMENT BY DARRYL: Tue Jul 19 17:10:06 GMT 2011

Deleted 20110717 data folder from "AlreadyCopied" folder, we don't need to put data there because we are already saving data in 2 locations (HDD & mlsoserver) also deleted 20110718 from COMP PC data directory since it is saved in 2 locations.

____end____

Tue Jul 19 17:13:58 GMT 2011 CHIP Start Patrol

Tue Jul 19 17:16:30 GMT 2011 COMP Start Patrol

Tue Jul 19 17:39:26 GMT 2011: PSPT Start Patrol

Tue Jul 19 18:02:38 GMT 2011 CHIP LSD

Tue Jul 19 18:04:12 GMT 2011 CHIP End LSD

Tue Jul 19 18:04:20 GMT 2011 CHIP BiasLSD

Tue Jul 19 18:04:55 GMT 2011 CHIP End BiasLSD

Tue Jul 19 18:05:03 GMT 2011 CHIP Bias

Tue Jul 19 18:05:34 GMT 2011 CHIP End Bias

Tue Jul 19 18:05:42 GMT 2011 CHIP ReStart Patrol

NOTE BY BEN: Tue Jul 19 18:27:59 GMT 2011

Mail service now restored to kenobi and oopu, still working on kii and pspt

____end____

MKIV PROBLEM COMMENT BY DARRYL: Tue Jul 19 18:39:21 GMT 2011

We've been having problems with radials streaking and low analog signal displayed since last Wednesday, in the early morning and going away later in the day. I found I could eliminate the radial streaking by reseating the line driver chip in the transformation board located at U12. We may have to replace that chip if the problem persists, I bought spares in the past and they are located in the electronics cabinet in the "Integrated Circuits, Interface" cardboard box and labeled as differential line driver for U12, there are other places that chip is used also. U12 is located next to the yellow clip on the board. I also bought line receivers for that board that are kept next to the driver chips.

____end____

Tue Jul 19 18:51:06 GMT 2011 MKIV End Patrol

Tue Jul 19 18:51:13 GMT 2011 MKIV Start Cal

Tue Jul 19 19:09:55 GMT 2011 MKIV End Cal

Tue Jul 19 19:10:01 GMT 2011 MKIV Start Patrol

Tue Jul 19 20:05:48 GMT 2011 COMP End Patrol

Tue Jul 19 20:05:51 GMT 2011 COMP Start Patrol

Tue Jul 19 20:11:34 GMT 2011 COMP End Patrol

NOTE BY DARRYL: Tue Jul 19 20:21:27 GMT 2011

Adjusted main dome opening.

____end____

Tue Jul 19 20:21:39 GMT 2011 MKIV End Patrol

MKIV PROBLEM COMMENT BY DARRYL: Tue Jul 19 20:27:08 GMT 2011

Radial spikes are back, I completely removed the line driver chip from U12 on the transformation board and put it back into place, if this doesn't work then I'll try a new chip. I Idled the mk4 and turned off the main KCC power before R&R driver chip, and there is a socket for this chip and the line receiver chip that failed on this board back when we had multi mk4 problems when Eric quit.

____end____

Tue Jul 19 20:30:51 GMT 2011 MKIV Start Patrol

NOTE BY DARRYL: Tue Jul 19 20:41:43 GMT 2011

Spar lost Dec tracking, repointed and reset guider.

____end____

Tue Jul 19 20:42:20 GMT 2011 COMP Start Patrol

Tue Jul 19 23:02:43 GMT 2011 CHIP LSD

Tue Jul 19 23:04:59 GMT 2011 CHIP End LSD
 Tue Jul 19 23:05:07 GMT 2011 CHIP BiasLSD
 Tue Jul 19 23:05:47 GMT 2011 CHIP End BiasLSD
 Tue Jul 19 23:06:00 GMT 2011 CHIP Bias
 Tue Jul 19 23:06:39 GMT 2011 CHIP End Bias
 Tue Jul 19 23:06:48 GMT 2011 CHIP ReStart Patrol
 Tue Jul 19 23:29:48 GMT 2011 COMP End Patrol
 Tue Jul 19 23:29:51 GMT 2011 COMP Start Patrol
 Wed Jul 20 00:52:06 GMT 2011: PSPT Start Patrol
 Wed Jul 20 00:52:14 GMT 2011: PSPT Abort Patrol
 Wed Jul 20 00:52:40 GMT 2011 CHIP End Patrol
 Wed Jul 20 00:53:18 GMT 2011 COMP End Patrol
 Wed Jul 20 00:55:46 GMT 2011 H-ALPHA End Patrol
 Wed Jul 20 01:51:05 GMT 2011

MkIV

00_01.rawmk4	17_45.rawmk4	19_30.rawmk4	21_14.rawmk4	22_45.rawmk4
00_04.rawmk4	17_48.rawmk4	19_33.rawmk4	21_17.rawmk4	22_48.rawmk4
00_07.rawmk4	17_51.rawmk4	19_36.rawmk4	21_20.rawmk4	22_51.rawmk4
00_10.rawmk4	17_54.rawmk4	19_39.rawmk4	21_23.rawmk4	22_54.rawmk4
00_13.rawmk4	17_56.rawmk4	19_42.rawmk4	21_26.rawmk4	22_57.rawmk4
00_16.rawmk4	18_02.rawmk4	19_48.rawmk4	21_29.rawmk4	22_59.rawmk4
00_19.rawmk4	18_06.rawmk4	19_52.rawmk4	21_31.rawmk4	23_03.rawmk4
00_22.rawmk4	18_09.rawmk4	19_54.rawmk4	21_34.rawmk4	23_06.rawmk4
00_25.rawmk4	18_12.rawmk4	19_57.rawmk4	21_37.rawmk4	23_08.rawmk4
00_28.rawmk4	18_15.rawmk4	20_00.rawmk4	21_40.rawmk4	23_11.rawmk4
00_31.rawmk4	18_18.rawmk4	20_03.rawmk4	21_43.rawmk4	23_14.rawmk4
00_34.rawmk4	18_21.rawmk4	20_06.rawmk4	21_46.rawmk4	23_17.rawmk4
00_37.rawmk4	18_24.rawmk4	20_09.rawmk4	21_49.rawmk4	23_20.rawmk4
00_40.rawmk4	18_27.rawmk4	20_12.rawmk4	21_52.rawmk4	23_23.rawmk4
00_42.rawmk4	18_30.rawmk4	20_15.rawmk4	21_55.rawmk4	23_26.rawmk4
00_45.rawmk4	18_33.rawmk4	20_18.rawmk4	21_58.rawmk4	23_29.rawmk4
00_48.rawmk4	18_36.rawmk4	20_30.rawmk4	22_01.rawmk4	23_32.rawmk4
00_51.rawmk4	18_39.rawmk4	20_33.rawmk4	22_04.rawmk4	23_35.rawmk4
00_54.rawmk4	18_41.rawmk4	20_36.rawmk4	22_07.rawmk4	23_38.rawmk4
17_09.rawmk4	18_44.rawmk4	20_39.rawmk4	22_10.rawmk4	23_41.rawmk4
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17_15.rawmk4	18_54.rawmk4	20_45.rawmk4	22_15.rawmk4	23_47.rawmk4
17_18.rawmk4	19_00.rawmk4	20_48.rawmk4	22_18.rawmk4	23_50.rawmk4
17_21.rawmk4	19_06.rawmk4	20_51.rawmk4	22_21.rawmk4	23_53.rawmk4
17_24.rawmk4	19_10.rawmk4	20_54.rawmk4	22_24.rawmk4	23_55.rawmk4
17_27.rawmk4	19_12.rawmk4	20_57.rawmk4	22_27.rawmk4	23_58.rawmk4
17_30.rawmk4	19_15.rawmk4	21_00.rawmk4	22_30.rawmk4	c18_51.rawmk4
17_33.rawmk4	19_18.rawmk4	21_03.rawmk4	22_33.rawmk4	c18_57.rawmk4
17_36.rawmk4	19_21.rawmk4	21_06.rawmk4	22_36.rawmk4	c19_03.rawmk4
17_39.rawmk4	19_24.rawmk4	21_09.rawmk4	22_39.rawmk4	
17_42.rawmk4	19_27.rawmk4	21_10.rawmk4	22_42.rawmk4	