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Mauna Loa Solar Observatory Observer's Log  
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Wed May 9 16:09:58 GMT 2012

Year: 12 Doy: 130

Observer: berkey

WEATHER COMMENT: Wed May 9 16:10:36 GMT 2012

Patchy cirrus, temp 39f, wind 11mph from SE

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

Wed May 09 16:17:56 GMT 2012 H-ALPHA Start Patrol

Wed May 9 16:18:17 GMT 2012 CHIP Start Patrol

Wed May 9 16:26:25 GMT 2012: PSPT Start Patrol

Wed May 9 17:16:07 GMT 2012 MKIV Start Patrol

Wed May 9 17:17:12 GMT 2012: PSPT Start Patrol

Wed May 09 17:19:51 GMT 2012 COMP Start Patrol

Wed May 9 17:22:34 GMT 2012: PSPT Abort Patrol

Wed May 9 17:22:42 GMT 2012: PSPT Abort Patrol

Wed May 9 17:22:50 GMT 2012: PSPT Abort Patrol

Wed May 9 17:28:10 GMT 2012 MKIV End Patrol

Wed May 9 17:50:12 GMT 2012 MKIV Start Patrol

Wed May 9 17:50:28 GMT 2012: PSPT Start Patrol

Wed May 09 17:50:34 GMT 2012 COMP End Patrol

Wed May 9 17:56:24 GMT 2012 MKIV End Patrol

Wed May 9 18:00:48 GMT 2012 CHIP LSD

Wed May 9 18:02:35 GMT 2012 CHIP End LSD

Wed May 9 18:02:43 GMT 2012 CHIP BiasLSD

Wed May 9 18:03:31 GMT 2012 CHIP End BiasLSD

Wed May 9 18:03:39 GMT 2012 CHIP Bias

Wed May 9 18:04:21 GMT 2012 CHIP End Bias

Wed May 9 18:04:28 GMT 2012 CHIP ReStart Patrol

Wed May 09 18:11:53 GMT 2012 COMP Start Patrol

Wed May 9 18:34:54 GMT 2012 MKIV Start Patrol

Wed May 9 19:05:12 GMT 2012 MKIV End Patrol

Wed May 09 19:14:04 GMT 2012 COMP End Patrol

Wed May 9 19:16:07 GMT 2012 MKIV Start Patrol

\*\*MKIV PROBLEM COMMENT BY BEN\*\*: Wed May 9 19:16:20 GMT 2012

MK4 has lot of radial streaks and bad analog signal on the o-scope. I have tried replacing the U12 and U35 IC's on the signal transform board but have gotten no change in the signal

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

\*\*GENERAL PROBLEM COMMENT BY BEN\*\*: Wed May 9 19:17:50 GMT 2012

It also looks like the guider error meters, on the sky transmission ocp panel are not moving.

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

Wed May 9 19:22:20 GMT 2012 MKIV End Patrol

Wed May 9 19:22:38 GMT 2012 CHIP End Patrol

Wed May 9 19:23:21 GMT 2012 CHIP Start Patrol

Wed May 9 19:24:58 GMT 2012 MKIV Start Patrol

Wed May 09 19:25:57 GMT 2012 H-ALPHA End Patrol

Wed May 9 19:31:18 GMT 2012 MKIV End Patrol

Wed May 9 19:36:27 GMT 2012 MKIV Start Patrol

Wed May 09 19:36:34 GMT 2012 H-ALPHA Start Patrol

Wed May 09 19:39:50 GMT 2012 COMP Start Patrol

MKIV COMMENT BY BEN: Wed May 9 19:38:45 GMT 2012

I adjusted the d-sub cables in the back of the signal transform board and the proper analog signal came back and mk4 digital signal looks normal

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

MKIV COMMENT BY BEN: Wed May 9 19:50:01 GMT 2012

Streaks back within in 2 mk4 images....

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

Wed May 09 19:55:34 GMT 2012 COMP End Patrol

Wed May 09 20:01:43 GMT 2012 COMP Start Patrol

Wed May 9 20:06:46 GMT 2012 MKIV End Patrol

Wed May 9 20:25:36 GMT 2012 MKIV Start Patrol

MKIV COMMENT BY BEN: Wed May 9 20:26:36 GMT 2012

Tightend and checked all the connectors on the transform board. J27 and J101 were definatly a little loose. Images and analog signal look good now

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

Wed May 09 21:00:34 GMT 2012 COMP End Patrol

Wed May 9 21:01:12 GMT 2012 MKIV End Patrol

\*\*\*\*EVENT COMMENT BY BEN\*\*\*\*: Wed May 9 21:12:50 GMT 2012

Large flare in the active north east active region

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

NOTE BY BEN: Wed May 9 21:14:54 GMT 2012

Clouds hampering observations

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

Wed May 9 21:46:11 GMT 2012: PSPT Abort Patrol

Wed May 9 21:45:11 GMT 2012 CHIP End Patrol

NOTE BY BEN: Wed May 9 21:46:26 GMT 2012

Clouds getting thick, closing domes until I can see the sun again.

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

Wed May 09 21:48:27 GMT 2012 H-ALPHA End Patrol

Wed May 9 22:22:50 GMT 2012 MKIV Start Patrol

Wed May 09 22:22:56 GMT 2012 H-ALPHA Start Patrol

Wed May 9 22:21:58 GMT 2012 CHIP Start Patrol

Wed May 09 22:23:23 GMT 2012 COMP Start Patrol

Wed May 9 22:26:58 GMT 2012: PSPT Start Patrol

Wed May 9 23:01:42 GMT 2012 CHIP LSD

Wed May 9 23:03:26 GMT 2012 CHIP End LSD

Wed May 9 23:03:36 GMT 2012 CHIP BiasLSD

Wed May 9 23:04:12 GMT 2012 CHIP End BiasLSD

Wed May 9 23:04:20 GMT 2012 CHIP Bias

Wed May 9 23:05:02 GMT 2012 CHIP End Bias

Wed May 9 23:05:09 GMT 2012 CHIP ReStart Patrol

Wed May 9 23:10:38 GMT 2012 CHIP End Patrol

Wed May 09 23:11:35 GMT 2012 COMP End Patrol

NOTE BY BEN: Wed May 9 23:13:23 GMT 2012

Domes closed again.

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

Wed May 09 23:13:57 GMT 2012 H-ALPHA End Patrol  
Wed May 9 23:15:58 GMT 2012 MKIV End Patrol  
Wed May 9 23:57:31 GMT 2012 MKIV Start Patrol  
Wed May 09 23:57:39 GMT 2012 H-ALPHA Start Patrol  
Wed May 09 23:57:29 GMT 2012 COMP Start Patrol  
Wed May 9 23:56:40 GMT 2012 CHIP Start Patrol  
Thu May 10 00:17:19 GMT 2012: PSPT Abort Patrol  
Thu May 10 00:16:10 GMT 2012 CHIP End Patrol  
Thu May 10 00:17:34 GMT 2012 COMP End Patrol  
Thu May 10 00:19:57 GMT 2012 H-ALPHA End Patrol  
Thu May 10 00:21:17 GMT 2012 MKIV End Patrol  
Thu May 10 00:35:31 GMT 2012: PSPT Start Patrol  
Thu May 10 00:35:38 GMT 2012 MKIV Start Patrol  
Thu May 10 00:35:35 GMT 2012 COMP Start Patrol  
Thu May 10 00:35:45 GMT 2012 H-ALPHA Start Patrol  
Thu May 10 00:34:48 GMT 2012 CHIP Start Patrol  
Thu May 10 01:25:59 GMT 2012 CHIP End Patrol  
Thu May 10 01:27:05 GMT 2012 COMP End Patrol  
Thu May 10 01:27:30 GMT 2012: PSPT Abort Patrol  
Thu May 10 01:28:57 GMT 2012 H-ALPHA End Patrol  
Thu May 10 01:30:32 GMT 2012 MKIV End Patrol  
NOTE BY BEN: Thu May 10 02:05:48 GMT 2012

LN2 got delivered

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

Thu May 10 02:22:48 GMT 2012  
MkIV

00_00.rawmk4	01_06.rawmk4	19_16.rawmk4	20_31.rawmk4	22_37.rawmk4
00_03.rawmk4	01_09.rawmk4	19_19.rawmk4	20_34.rawmk4	22_40.rawmk4
00_06.rawmk4	01_12.rawmk4	19_24.rawmk4	20_37.rawmk4	22_43.rawmk4
00_09.rawmk4	01_15.rawmk4	19_27.rawmk4	20_40.rawmk4	22_46.rawmk4
00_12.rawmk4	01_18.rawmk4	19_36.rawmk4	20_43.rawmk4	22_49.rawmk4
00_15.rawmk4	01_21.rawmk4	19_39.rawmk4	20_46.rawmk4	22_52.rawmk4
00_18.rawmk4	01_24.rawmk4	19_42.rawmk4	20_49.rawmk4	22_55.rawmk4
00_35.rawmk4	01_27.rawmk4	19_45.rawmk4	20_52.rawmk4	22_58.rawmk4
00_38.rawmk4	17_16.rawmk4	19_48.rawmk4	20_55.rawmk4	23_00.rawmk4
00_41.rawmk4	17_19.rawmk4	19_51.rawmk4	20_58.rawmk4	23_03.rawmk4
00_44.rawmk4	17_22.rawmk4	19_54.rawmk4	22_22.rawmk4	23_06.rawmk4
00_47.rawmk4	17_25.rawmk4	19_57.rawmk4	22_25.rawmk4	23_09.rawmk4
00_53.rawmk4	17_50.rawmk4	20_00.rawmk4	22_28.rawmk4	23_12.rawmk4
00_57.rawmk4	17_53.rawmk4	20_25.rawmk4	22_31.rawmk4	23_57.rawmk4
01_02.rawmk4	18_34.rawmk4	20_28.rawmk4	22_34.rawmk4	