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Mauna Loa Solar Observatory Observer's Log  
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Wed Feb 6 17:17:33 GMT 2013

Year: 13 Doy: 037

Observer: berkey

WEATHER COMMENT: Wed Feb 6 17:18:02 GMT 2013

Clear skies, temp 36f, wind 8mph from SW

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

Wed Feb 6 17:27:43 GMT 2013 CHIP Start Patrol

Wed Feb 6 17:27:05 GMT 2013: PSPT Start Patrol

Wed Feb 6 17:41:05 GMT 2013 MKIV Start Patrol

Wed Feb 6 17:48:29 GMT 2013 MKIV End Patrol

Wed Feb 6 18:00:46 GMT 2013 CHIP LSD

Wed Feb 6 18:02:44 GMT 2013 CHIP End LSD

Wed Feb 6 18:02:55 GMT 2013 CHIP BiasLSD

\*\*COMP PROBLEM COMMENT BY BEN\*\*: Wed Feb 6 18:00:59 GMT 2013

COMP PC cannot move the E-W occulter motor. Manually homing with NSC100 didnt help.

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

MKIV COMMENT BY BEN: Wed Feb 6 18:01:38 GMT 2013

Mk4 appears not not be seeing any light. it is not clear why

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

Wed Feb 6 18:03:54 GMT 2013 CHIP End BiasLSD

Wed Feb 6 18:04:03 GMT 2013 CHIP Bias

Wed Feb 6 18:04:56 GMT 2013 CHIP End Bias

Wed Feb 6 18:05:08 GMT 2013 CHIP ReStart Patrol

Wed Feb 6 18:05:53 GMT 2013

MkIV

17\_41.rawmk4 17\_45.rawmk4

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Mauna Loa Solar Observatory Observer's Log  
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Wed Feb 6 18:06:17 GMT 2013

Year: 13 Doy: 037

Observer: berkey

Wed Feb 6 18:17:15 GMT 2013 MKIV Start Patrol

Wed Feb 6 18:23:25 GMT 2013 MKIV End Patrol

Wed Feb 06 18:25:36 GMT 2013 COMP Start Patrol

Wed Feb 6 18:29:22 GMT 2013 MKIV Start Patrol

COMP COMMENT BY BEN: Wed Feb 6 18:29:36 GMT 2013

Oops forgot to put the nsc-100 into remote control after manually homing.

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

MKIV COMMENT BY BEN: Wed Feb 6 18:35:38 GMT 2013

Still cant figure out why mk4 looks horrible. Taking images anyway, just in case it is just a display issue

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

\*\*\*\*EVENT COMMENT BY BEN\*\*\*\*: Wed Feb 6 18:37:51 GMT 2013

Large flare with vortex of material in active region near sunspot 1665 NW quadrant of the sun. Event appears to start at

17UT

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

CHIP COMMENT BY BEN: Wed Feb 6 18:49:25 GMT 2013

Accidentally right clicked on the kii desktop and brought up a Workspace Context menu. For some reason on the sun systems this sets up a state where Chip will stop taking data. Left clicking on the desktop fixes this

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

MKIV COMMENT BY BEN: Wed Feb 6 19:38:11 GMT 2013

Looks like it might be a pointing issue, I think I see some light in the SW region of the spar rotation but nothing in the NE

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

NOTE BY BEN: Wed Feb 6 19:42:40 GMT 2013

Dome doors are open, for shabar test. Wind is 2mph from SW, no sensation of air moving through the door

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

NOTE BY BEN: Wed Feb 6 20:29:54 GMT 2013

Tried to move the ol guider by hand to get a better signal. Things seem wonky. I am not sure what could have changed since yesterday.

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

NOTE BY BEN: Wed Feb 6 21:04:05 GMT 2013

Analog signal looks like maybe the SYNC signal isn't correct. This might be related to the rot/64 signal.

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

Wed Feb 06 21:23:59 GMT 2013 COMP End Patrol

Wed Feb 06 21:24:01 GMT 2013 COMP Start Patrol

NOTE BY BEN: Wed Feb 6 22:15:00 GMT 2013

Analog display looks "normal" now, with out any human intervention.

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

NOTE BY BEN: Wed Feb 6 22:29:15 GMT 2013

Passing clouds blowing in from the NW

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

Wed Feb 06 22:54:29 GMT 2013 COMP End Patrol

Wed Feb 6 22:57:03 GMT 2013 MKIV End Patrol

Wed Feb 6 23:00:37 GMT 2013 CHIP LSD

Wed Feb 6 23:00:15 GMT 2013: PSPT Abort Patrol

Wed Feb 6 23:02:31 GMT 2013 CHIP End LSD

Wed Feb 6 23:02:41 GMT 2013 CHIP BiasLSD

NOTE BY BEN: Wed Feb 6 23:01:18 GMT 2013

Closing domes

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

Wed Feb 6 23:03:40 GMT 2013 CHIP End BiasLSD

Wed Feb 6 23:03:49 GMT 2013 CHIP Bias

Wed Feb 6 23:04:31 GMT 2013 CHIP End Bias

Wed Feb 6 23:04:39 GMT 2013 CHIP ReStart Patrol

Wed Feb 6 23:05:35 GMT 2013 CHIP End Patrol

Thu Feb 7 01:17:16 GMT 2013

MkIV

17\_41.rawmk4 19\_18.rawmk4 20\_14.rawmk4 21\_10.rawmk4 22\_06.rawmk4

17\_45.rawmk4 19\_21.rawmk4 20\_17.rawmk4 21\_13.rawmk4 22\_09.rawmk4

18\_17.rawmk4 19\_24.rawmk4 20\_20.rawmk4 21\_16.rawmk4 22\_12.rawmk4

18_20.rawmk4	19_27.rawmk4	20_23.rawmk4	21_19.rawmk4	22_15.rawmk4
18_29.rawmk4	19_30.rawmk4	20_26.rawmk4	21_22.rawmk4	22_18.rawmk4
18_33.rawmk4	19_33.rawmk4	20_29.rawmk4	21_25.rawmk4	22_21.rawmk4
18_36.rawmk4	19_36.rawmk4	20_32.rawmk4	21_28.rawmk4	22_24.rawmk4
18_39.rawmk4	19_39.rawmk4	20_35.rawmk4	21_31.rawmk4	22_27.rawmk4
18_42.rawmk4	19_42.rawmk4	20_38.rawmk4	21_34.rawmk4	22_30.rawmk4
18_45.rawmk4	19_45.rawmk4	20_41.rawmk4	21_37.rawmk4	22_33.rawmk4
18_48.rawmk4	19_48.rawmk4	20_44.rawmk4	21_40.rawmk4	22_36.rawmk4
18_54.rawmk4	19_51.rawmk4	20_47.rawmk4	21_43.rawmk4	22_39.rawmk4
18_58.rawmk4	19_54.rawmk4	20_50.rawmk4	21_46.rawmk4	22_42.rawmk4
19_01.rawmk4	19_56.rawmk4	20_53.rawmk4	21_49.rawmk4	22_45.rawmk4
19_03.rawmk4	19_59.rawmk4	20_56.rawmk4	21_52.rawmk4	22_47.rawmk4
19_06.rawmk4	20_02.rawmk4	20_58.rawmk4	21_54.rawmk4	22_50.rawmk4
19_09.rawmk4	20_05.rawmk4	21_01.rawmk4	21_57.rawmk4	22_53.rawmk4
19_12.rawmk4	20_08.rawmk4	21_04.rawmk4	22_00.rawmk4	
19_15.rawmk4	20_11.rawmk4	21_07.rawmk4	22_03.rawmk4	