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Mauna Loa Solar Observatory Observer's Log  
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Mon Jun 12 16:29:12 GMT 2006

Year: 06 Doy: 163

Observer: stueben

WEATHER COMMENT: Mon Jun 12 16:35:51 GMT 2006

Clear, wind south 5-10mph, temp 46F.

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

Mon Jun 12 16:42:15 GMT 2006 CHIP Start Patrol

Mon Jun 12 16:42:39 GMT 2006 MKIV Start Patrol

\*\*PSPT PROBLEM\*\* Mon Jun 12 16:52:48 GMT 2006

PSPT cover didn't open on startup.

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

Mon Jun 12 18:00:48 GMT 2006 CHIP LSD

Mon Jun 12 18:02:35 GMT 2006 CHIP End LSD

Mon Jun 12 18:02:44 GMT 2006 CHIP BiasLSD

Mon Jun 12 18:03:27 GMT 2006 CHIP End BiasLSD

Mon Jun 12 18:03:35 GMT 2006 CHIP Bias

Mon Jun 12 18:04:17 GMT 2006 CHIP End Bias

Mon Jun 12 18:04:24 GMT 2006 CHIP ReStart Patrol

Mon Jun 12 18:05:16 GMT 2006 MKIV End Patrol

Mon Jun 12 18:05:22 GMT 2006 MKIV Start Cal

COMMENT: Mon Jun 12 18:16:46 GMT 2006

SBM started.

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

\*\*PSPT PROBLEM\*\* Mon Jun 12 18:17:05 GMT 2006

PSPT crashed shortly after observations started. Allen powered down PC and powered it back up. Observations restarted, this time cover opened automatically with the program and the observations started OK. It is still running fine. Appears that something isn't initializing properly during first startup attempts.

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

NICE MK4 IMAGE: 1808

NICE CHIP IMAGE: 1807

\*\*PICS PROBLEM\*\* Mon Jun 12 18:22:31 GMT 2006

No PICS data, troubleshooting occulting wheel.

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

Mon Jun 12 18:24:04 GMT 2006 MKIV End Cal

Mon Jun 12 18:24:10 GMT 2006 MKIV Start Patrol

COMMENT: Mon Jun 12 18:23:58 GMT 2006

SBM image currently looking brighter on the left side than on the right side.

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

\*\*PSPT PROBLEM\*\* Mon Jun 12 18:29:07 GMT 2006

PSPT crashed a few minutes ago, k/r.

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

Mon Jun 12 20:46:40 GMT 2006 PICS Start Patrol

\*\*PICS PROBLEM\*\* Mon Jun 12 21:07:38 GMT 2006

After some investigation I found that the reason that bit2 of the pics occulting wheel status was not working because the wire for the +5v for that bit's optical sensor is shorted to the cable shield somewhere in the cable. The short is not at either connector end so the only permanent solution is to build a new cable. As a work around I disconnected the shield at both connector ends. Since that cable only has logic level signals and motor drive disconnecting the cable shield does not cause any problems. - Allen

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

PSPT COMMENT: Mon Jun 12 21:17:14 GMT 2006

Stopped observations and installed two more washers into ND tilt stack and reinstalled narrow filter at position -200.

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

COMMENT: Mon Jun 12 22:55:21 GMT 2006

SBM mount modified a bit to reduce springiness. Realigned.

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

GONG COMMENT: Mon Jun 12 22:58:46 GMT 2006

Did GONG PM.

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

NICE CHIP IMAGE: 1730

NICE PICSDISC IMAGE: 2319

NICE PICSLIMB IMAGE: 2320

NICE MK4 IMAGE: 1732

Tue Jun 13 01:37:48 GMT 2006 CHIP End Patrol

Tue Jun 13 01:38:15 GMT 2006 PICS End Patrol

Tue Jun 13 01:43:30 GMT 2006 MKIV End Patrol

Tue Jun 13 01:44:13 GMT 2006

MkIV

00_02.rawmk4	16_51.rawmk4	18_47.rawmk4	20_37.rawmk4	22_26.rawmk4
00_08.rawmk4	16_54.rawmk4	18_50.rawmk4	20_40.rawmk4	22_29.rawmk4
00_12.rawmk4	16_57.rawmk4	18_53.rawmk4	20_43.rawmk4	22_32.rawmk4
00_14.rawmk4	17_00.rawmk4	18_56.rawmk4	20_46.rawmk4	22_35.rawmk4
00_17.rawmk4	17_03.rawmk4	18_59.rawmk4	20_48.rawmk4	22_38.rawmk4
00_20.rawmk4	17_06.rawmk4	19_02.rawmk4	20_51.rawmk4	22_41.rawmk4
00_23.rawmk4	17_09.rawmk4	19_05.rawmk4	20_54.rawmk4	22_44.rawmk4
00_26.rawmk4	17_12.rawmk4	19_08.rawmk4	20_57.rawmk4	22_47.rawmk4
00_29.rawmk4	17_15.rawmk4	19_11.rawmk4	21_00.rawmk4	22_50.rawmk4
00_32.rawmk4	17_17.rawmk4	19_14.rawmk4	21_03.rawmk4	22_56.rawmk4
00_35.rawmk4	17_20.rawmk4	19_17.rawmk4	21_06.rawmk4	22_59.rawmk4
00_38.rawmk4	17_23.rawmk4	19_20.rawmk4	21_09.rawmk4	23_02.rawmk4
00_41.rawmk4	17_26.rawmk4	19_22.rawmk4	21_12.rawmk4	23_05.rawmk4
00_44.rawmk4	17_29.rawmk4	19_25.rawmk4	21_15.rawmk4	23_08.rawmk4
00_47.rawmk4	17_32.rawmk4	19_28.rawmk4	21_18.rawmk4	23_14.rawmk4
00_50.rawmk4	17_35.rawmk4	19_31.rawmk4	21_21.rawmk4	23_18.rawmk4
00_53.rawmk4	17_38.rawmk4	19_34.rawmk4	21_27.rawmk4	23_21.rawmk4
00_56.rawmk4	17_41.rawmk4	19_37.rawmk4	21_30.rawmk4	23_24.rawmk4
00_59.rawmk4	17_44.rawmk4	19_40.rawmk4	21_33.rawmk4	23_27.rawmk4
01_02.rawmk4	17_47.rawmk4	19_43.rawmk4	21_36.rawmk4	23_30.rawmk4

01_04.rawmk4	17_50.rawmk4	19_46.rawmk4	21_39.rawmk4	23_32.rawmk4
01_07.rawmk4	17_53.rawmk4	19_49.rawmk4	21_42.rawmk4	23_35.rawmk4
01_10.rawmk4	17_56.rawmk4	19_52.rawmk4	21_45.rawmk4	23_38.rawmk4
01_13.rawmk4	17_59.rawmk4	19_55.rawmk4	21_48.rawmk4	23_41.rawmk4
01_16.rawmk4	18_02.rawmk4	19_58.rawmk4	21_51.rawmk4	23_44.rawmk4
01_19.rawmk4	18_08.rawmk4	20_01.rawmk4	21_54.rawmk4	23_47.rawmk4
01_22.rawmk4	18_14.rawmk4	20_04.rawmk4	21_57.rawmk4	23_50.rawmk4
01_25.rawmk4	18_20.rawmk4	20_07.rawmk4	22_00.rawmk4	23_53.rawmk4
01_28.rawmk4	18_24.rawmk4	20_09.rawmk4	22_03.rawmk4	23_56.rawmk4
01_31.rawmk4	18_27.rawmk4	20_12.rawmk4	22_06.rawmk4	23_59.rawmk4
01_34.rawmk4	18_30.rawmk4	20_15.rawmk4	22_09.rawmk4	c18_05.rawmk4
01_37.rawmk4	18_32.rawmk4	20_18.rawmk4	22_12.rawmk4	c18_11.rawmk4
01_40.rawmk4	18_35.rawmk4	20_21.rawmk4	22_14.rawmk4	c18_17.rawmk4
16_42.rawmk4	18_38.rawmk4	20_24.rawmk4	22_17.rawmk4	
16_45.rawmk4	18_41.rawmk4	20_27.rawmk4	22_20.rawmk4	
16_48.rawmk4	18_44.rawmk4	20_33.rawmk4	22_23.rawmk4	