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Mauna Loa Solar Observatory Observer's Log  
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Tue Feb 18 17:28:54 GMT 2003

Year: 03 Doy: 049

Observer: koon

Tue Feb 18 17:33:10 GMT 2003 MKIV Start Patrol

Tue Feb 18 17:33:27 GMT 2003 CHIP Start Patrol

Tue Feb 18 17:33:36 GMT 2003 PICS Start Patrol

WEATHER COMMENT: Tue Feb 18 17:29:21 GMT 2003

Clear sky, wind=5 mph from the SE, temp=36 F.

COMMENT: Tue Feb 18 17:33:55 GMT 2003

Apparently there was a power outage yesterday, I'm resetting what needs it, no apparent damage found.

MKIV COMMENT: Tue Feb 18 17:38:15 GMT 2003

Centered occulting.

**\*\*ECHO PROBLEM\*\***: Tue Feb 18 17:47:44 GMT 2003

Pointing was off due to power outage, restarted echosys to fix.

**\*\*PSPT PROBLEM\*\***: Tue Feb 18 17:48:17 GMT 2003

Poing is too low, message says "sun is too low, go back to bed", I'm still working on this one.

A NEW TAPE HAS BEEN PUT INTO KAIEE DLT DRIVE, Tue Feb 18 17:54:41 GMT 2003

Tue Feb 18 18:00:43 GMT 2003 CHIP LSD

Tue Feb 18 18:02:48 GMT 2003 CHIP End LSD

Tue Feb 18 18:02:57 GMT 2003 CHIP BiasLSD

Tue Feb 18 18:03:41 GMT 2003 PICS Flat

Tue Feb 18 18:03:46 GMT 2003 CHIP End BiasLSD

Tue Feb 18 18:04:04 GMT 2003 CHIP Bias

Tue Feb 18 18:05:03 GMT 2003 CHIP End Bias

Tue Feb 18 18:06:10 GMT 2003 PICS End Flat

MKIV COMMENT: Tue Feb 18 18:59:52 GMT 2003

Centered occulting.

Tue Feb 18 19:02:49 GMT 2003 MKIV End Patrol

Tue Feb 18 19:02:59 GMT 2003 MKIV Start Cal

Tue Feb 18 19:21:47 GMT 2003 MKIV End Cal

Tue Feb 18 19:21:57 GMT 2003 MKIV Start Patrol

MKIV COMMENT: Tue Feb 18 19:56:58 GMT 2003

Centered occulting.

**\*\*PSPT PROBLEM\*\***: Tue Feb 18 20:05:13 GMT 2003

Still trying to get this to point correctly, tried every combination of things that used to fix this problem, still pointing too far East. Even tried rebooting the Sparcstation.

**\*\*GONG PROBLEM\*\***: Tue Feb 18 20:09:43 GMT 2003

Going down to shelter to try to fix whatever is preventing imaging, programs are running but haven't had any images yet today.

**\*\*GONG PROBLEM\*\***: Tue Feb 18 21:22:42 GMT 2003

Back from shelter, I can't find anything obviously wrong yet the DAS LEDs never start blinking appropriately after rebooting the Data and Instrument computers.

I'll send an email to gongops.

MKIV COMMENT: Tue Feb 18 21:24:38 GMT 2003

Centered occulting.

MKIV COMMENT: Tue Feb 18 22:15:23 GMT 2003

Centered occulting.

**\*\*GONG PROBLEM\*\***: Tue Feb 18 22:26:54 GMT 2003

Going back down to the shelter for round 2.

MKIV COMMENT: Tue Feb 18 22:28:02 GMT 2003

Centered occulting.

**\*\*GONG PROBLEM\*\***: Tue Feb 18 23:23:40 GMT 2003

OK, I found that the 3/4 Amp fuse for the relay box just before the power supply box for the camera was blown. Replaced it and rebooted Data, Instrument and Sparc computers and it all came up fine. The relay box is the small gray box that sits on top of the camera power supply box under the optical table. The camera supply box also has 2 fuses accessible near the power switch, and it has a little green LED that is on the front and lit when all is well there. The camera external circuit board also has a few barely visible green LEDs on it and they can be seen if you remove the left side top cover and the left Side cover both. The DAS boards have all those green LEDs that blink fast when all is well after the Data computer is rebooted, this time the red Fault LEDs were on continuously and those green LEDs didn't blink (until the fix), usually the Fault LEDs come on only briefly after a Data computer reboot. Regarding the external camera circuit board mentioned earlier, it is on the camera and in the optical bench, the covers I mentioned are the covers of the optical bench. We are down to one 3/4 Amp spare fuse, I told Ron and he'll send more.

MKIV COMMENT: Tue Feb 18 23:34:44 GMT 2003

Centered occulting.

**\*\*PSPT PROBLEM\*\***: Wed Feb 19 00:04:36 GMT 2003

The problem was a corrupted pspt.ini file, probably caused by the unusual shutdown problems yesterday - Allen had to "reset and restarted PC and PSPT" due to a crash during shutdown. A backup pspt.ini file called ini030127 was renamed to pspt.ini and used to get the pointing back on track now.

PSPT is now observing.

**\*\*PSPT PROBLEM\*\***: Wed Feb 19 00:20:13 GMT 2003

Stalled at 0001 UT "writing blue image", killed runPspt.pro and restarted.

MKIV COMMENT: Wed Feb 19 00:21:23 GMT 2003

Centered occulting.

MKIV COMMENT: Wed Feb 19 01:24:41 GMT 2003

Centered occulting.

Wed Feb 19 02:27:34 GMT 2003      CHIP      End Patrol

Wed Feb 19 02:28:38 GMT 2003      PICS      End Patrol

Wed Feb 19 02:37:50 GMT 2003

MkIV

00_00.rawmk4	01_54.rawmk4	18_44.rawmk4	20_42.rawmk4	22_28.rawmk4
00_06.rawmk4	01_57.rawmk4	18_47.rawmk4	20_45.rawmk4	22_31.rawmk4
00_10.rawmk4	02_00.rawmk4	18_50.rawmk4	20_48.rawmk4	22_34.rawmk4

00_16.rawmk4	02_03.rawmk4	18_53.rawmk4	20_54.rawmk4	22_37.rawmk4
00_20.rawmk4	02_06.rawmk4	18_56.rawmk4	20_57.rawmk4	22_40.rawmk4
00_25.rawmk4	02_09.rawmk4	18_59.rawmk4	21_00.rawmk4	22_43.rawmk4
00_29.rawmk4	02_12.rawmk4	19_06.rawmk4	21_03.rawmk4	22_46.rawmk4
00_32.rawmk4	02_15.rawmk4	19_12.rawmk4	21_06.rawmk4	22_49.rawmk4
00_35.rawmk4	02_18.rawmk4	19_18.rawmk4	21_09.rawmk4	22_52.rawmk4
00_38.rawmk4	02_21.rawmk4	19_21.rawmk4	21_12.rawmk4	22_55.rawmk4
00_41.rawmk4	02_24.rawmk4	19_24.rawmk4	21_15.rawmk4	22_58.rawmk4
00_44.rawmk4	02_27.rawmk4	19_27.rawmk4	21_18.rawmk4	23_01.rawmk4
00_47.rawmk4	17_33.rawmk4	19_30.rawmk4	21_21.rawmk4	23_04.rawmk4
00_50.rawmk4	17_39.rawmk4	19_33.rawmk4	21_24.rawmk4	23_07.rawmk4
00_53.rawmk4	17_42.rawmk4	19_36.rawmk4	21_27.rawmk4	23_09.rawmk4
00_56.rawmk4	17_45.rawmk4	19_39.rawmk4	21_30.rawmk4	23_12.rawmk4
00_59.rawmk4	17_48.rawmk4	19_42.rawmk4	21_33.rawmk4	23_15.rawmk4
01_02.rawmk4	17_51.rawmk4	19_45.rawmk4	21_36.rawmk4	23_18.rawmk4
01_05.rawmk4	17_54.rawmk4	19_48.rawmk4	21_38.rawmk4	23_21.rawmk4
01_08.rawmk4	17_57.rawmk4	19_51.rawmk4	21_41.rawmk4	23_24.rawmk4
01_10.rawmk4	18_00.rawmk4	19_54.rawmk4	21_44.rawmk4	23_27.rawmk4
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01_22.rawmk4	18_12.rawmk4	20_09.rawmk4	21_56.rawmk4	23_39.rawmk4
01_25.rawmk4	18_15.rawmk4	20_12.rawmk4	21_59.rawmk4	23_42.rawmk4
01_28.rawmk4	18_18.rawmk4	20_15.rawmk4	22_02.rawmk4	23_45.rawmk4
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01_34.rawmk4	18_24.rawmk4	20_21.rawmk4	22_08.rawmk4	23_51.rawmk4
01_37.rawmk4	18_27.rawmk4	20_24.rawmk4	22_11.rawmk4	23_56.rawmk4
01_40.rawmk4	18_30.rawmk4	20_27.rawmk4	22_14.rawmk4	c19_02.rawmk4
01_43.rawmk4	18_32.rawmk4	20_30.rawmk4	22_17.rawmk4	c19_09.rawmk4
01_46.rawmk4	18_35.rawmk4	20_33.rawmk4	22_20.rawmk4	c19_15.rawmk4
01_49.rawmk4	18_38.rawmk4	20_36.rawmk4	22_23.rawmk4	
01_52.rawmk4	18_41.rawmk4	20_39.rawmk4	22_25.rawmk4	