
Mauna Loa Solar Observatory Observer's Log

Thu Jun 27 16:48:13 GMT 2002
Year: 02 Doy: 178
Observer: koon
Thu Jun 27 16:52:59 GMT 2002 CHIP Start Patrol
Thu Jun 27 16:53:08 GMT 2002 PICS Start Patrol

Mauna Loa Solar Observatory Observer's Log

Thu Jun 27 16:58:31 GMT 2002
Year: 02 Doy: 178
Observer: koon
WEATHER COMMENT: Thu Jun 27 16:58:33 GMT 2002
Clear sky, wind=5 mph from the SE, temp=49 F.
MKIV PROBLEM: Thu Jun 27 16:59:22 GMT 2002
Wouldn't boot up on first try, cycled main power switch.
Thu Jun 27 17:01:57 GMT 2002 MKIV Start Patrol
PSPT COMMENT: Thu Jun 27 17:34:42 GMT 2002
Observing.
MKIV PROBLEM: Thu Jun 27 17:38:09 GMT 2002
GIF images look bad, will reset KCC.
Thu Jun 27 18:01:32 GMT 2002 PICS Flat
Thu Jun 27 18:04:39 GMT 2002 PICS End Flat
Thu Jun 27 18:11:01 GMT 2002 MKIV End Patrol
Thu Jun 27 18:11:02 GMT 2002 MKIV End Patrol
MKIV PROBLEM: Thu Jun 27 18:09:43 GMT 2002
Still having problems with the GIF images not displaying. Alice called and said the headers look bad on the data files too. The realtime scans look normal though, as far as I can tell. Will cycle main power and try logging out completely too.
Thu Jun 27 18:13:50 GMT 2002
MkIV

06_27.rawmk4 17_08.rawmk4 17_26.rawmk4 17_52.rawmk4
17_01.rawmk4 17_14.rawmk4 17_29.rawmk4 17_55.rawmk4
17_05.rawmk4 17_23.rawmk4 17_35.rawmk4 18_01.rawmk4

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06_27.rawmk4 17_08.rawmk4 17_26.rawmk4 17_52.rawmk4
17_01.rawmk4 17_14.rawmk4 17_29.rawmk4 17_55.rawmk4
17_05.rawmk4 17_23.rawmk4 17_35.rawmk4 18_01.rawmk4

Thu Jun 27 18:28:45 GMT 2002 MKIV Start Patrol
Thu Jun 27 18:46:44 GMT 2002 MKIV End Patrol
Thu Jun 27 18:46:55 GMT 2002 MKIV Start Cal

****MKIV PROBLEM****: Thu Jun 27 18:49:56 GMT 2002

It looks like the GIF animation problem is fixed, new updated images are appearing as usual. I shutdown all like at the end of a day (for mk4) and logged off, then restarted from scratch (main mk4 power and rebooting) to fix problem. So the logout/login did the trick.

Thu Jun 27 19:02:48 GMT 2002 CHIP LSD
Thu Jun 27 19:05:01 GMT 2002 CHIP End LSD
Thu Jun 27 19:05:09 GMT 2002 CHIP BiasLSD
Thu Jun 27 19:05:42 GMT 2002 MKIV End Cal
Thu Jun 27 19:05:54 GMT 2002 MKIV Start Patrol
Thu Jun 27 19:06:01 GMT 2002 CHIP End BiasLSD
Thu Jun 27 19:06:16 GMT 2002 CHIP Bias
Thu Jun 27 19:07:18 GMT 2002 CHIP End Bias

COMMENT: Thu Jun 27 20:19:59 GMT 2002

Extended the dome slot.

WEATHER COMMENT: Thu Jun 27 20:20:09 GMT 2002

Cirrus passing by.

****ECHO PROBLEM****: Thu Jun 27 20:20:19 GMT 2002

I have the top cover off to inspect the QWP operation. It was at the 180 position with the home switch lever in the correct depression. I jiggled the top cable-chain sprocket and the wheel started turning as it is supposed to. I'll check it more thoroughly and check signals from the switches too.

A NEW TAPE HAS BEEN PUT INTO KAIEE DLT DRIVE, Thu Jun 27 21:48:23 GMT 2002

Thu Jun 27 22:28:39 GMT 2002 CHIP End Patrol
Thu Jun 27 22:28:43 GMT 2002 PICS End Patrol
Thu Jun 27 22:32:59 GMT 2002 MKIV End Patrol

****ECHO PROBLEM****: Thu Jun 27 22:51:23 GMT 2002

Traced the malfunctioning QWP to a bad motor, we need to replace it. These motors wear out faster than expected according to Kim, he will send us a new motor to put back inside the bay. For now I exited the echosys program, no observing for a while. Everything else with the QWP assemblies and switches are all working fine. The old motor and the screws we need to use to mount the new motor are in the plastic tray on the workbench along with the wrenches for R+R of the bay cover. The voltage supplied for the motor with no load was about 13.6 VDC, the voltage at the motor when connected was way down around 0.5 VDC

Thu Jun 27 23:20:29 GMT 2002

MkIV

06_27.rawmk4 18_56.rawmk4 19_55.rawmk4 20_55.rawmk4 21_51.rawmk4
17_01.rawmk4 19_02.rawmk4 20_01.rawmk4 20_58.rawmk4 21_54.rawmk4
17_05.rawmk4 19_05.rawmk4 20_05.rawmk4 21_01.rawmk4 21_57.rawmk4
17_08.rawmk4 19_08.rawmk4 20_08.rawmk4 21_04.rawmk4 22_00.rawmk4
17_14.rawmk4 19_11.rawmk4 20_11.rawmk4 21_07.rawmk4 22_03.rawmk4
17_23.rawmk4 19_14.rawmk4 20_14.rawmk4 21_10.rawmk4 22_06.rawmk4
17_26.rawmk4 19_17.rawmk4 20_17.rawmk4 21_13.rawmk4 22_09.rawmk4
17_29.rawmk4 19_20.rawmk4 20_20.rawmk4 21_16.rawmk4 22_12.rawmk4
17_35.rawmk4 19_23.rawmk4 20_23.rawmk4 21_19.rawmk4 22_15.rawmk4
17_52.rawmk4 19_26.rawmk4 20_26.rawmk4 21_22.rawmk4 22_17.rawmk4
17_55.rawmk4 19_29.rawmk4 20_29.rawmk4 21_24.rawmk4 22_20.rawmk4
18_01.rawmk4 19_32.rawmk4 20_32.rawmk4 21_27.rawmk4 22_23.rawmk4
18_28.rawmk4 19_35.rawmk4 20_34.rawmk4 21_30.rawmk4 22_26.rawmk4
18_31.rawmk4 19_38.rawmk4 20_37.rawmk4 21_33.rawmk4 22_29.rawmk4
18_34.rawmk4 19_41.rawmk4 20_40.rawmk4 21_36.rawmk4 c18_46.rawmk4
18_37.rawmk4 19_44.rawmk4 20_43.rawmk4 21_39.rawmk4 c18_53.rawmk4
18_40.rawmk4 19_47.rawmk4 20_46.rawmk4 21_42.rawmk4 c18_59.rawmk4
18_43.rawmk4 19_50.rawmk4 20_49.rawmk4 21_45.rawmk4
18_49.rawmk4 19_52.rawmk4 20_52.rawmk4 21_48.rawmk4