
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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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

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	