
Mauna Loa Solar Observatory Observer's Log

Fri Mar 1 17:23:26 GMT 2002

Year: 02 Doy: 060

Observer: yasukawa

WEATHER COMMENT: Fri Mar 1 17:23:34 GMT 2002

Cold, clear, light south breeze. Crusty snow on ground, road still slick the last couple of miles below observatory.

****MKIV PROBLEM****: Fri Mar 1 17:25:01 GMT 2002

There were troubling messages on akamai during start-up, not sure how, if it is significant at all, it will affect mk4 observations.

Messages follows:

hello from t_barrel

dqArmPipe(): Destination ProcRect has no area

The source and destination data requirements do not overlap; therefore an empty transfer has been specified.

dqArmPipe(): Fatal error

A fatal error has been encountered, causing the program to terminate.

value = 3835732 = 0x3a8754

taskDelay(100)

value = 0 = 0x0

flcStart

value = 0 = 0x0

vsync

dqSetTimingSwitch(0x0036d770(INVALID OBJECT), ??_?00005615?, 1)

dqSetTimingSwitch(): Not an IP device handle

dqSetTimingSwitch(): Fatal error

Done executing startup script /opt/alakai/mech

MKIV COMMENT: Fri Mar 1 17:27:13 GMT 2002

Started thermo printer in 1.00 minute cadence. No heating pad overnight, camera power left on. Starting temperature at turn-on was 14.3 C.

Fri Mar 1 17:28:42 GMT 2002 CHIP Start Patrol

Fri Mar 1 17:28:57 GMT 2002 PICS Start Patrol

****MKIV PROBLEM****: Fri Mar 1 17:31:04 GMT 2002

akamai monitor is relatively dark, screen is offset to right, and there is tight wavy flickering occurring.

Resetting KCC.

****MKIV PROBLEM****: Fri Mar 1 17:36:12 GMT 2002

OK, reboot of KCC did not produce error messages and monitor looks better, albeit the screen is still shifted to right. Adjusted it with menu options.

Fri Mar 1 17:38:45 GMT 2002 MKIV Start Patrol

****MLSO PROBLEM****: Fri Mar 1 17:42:46 GMT 2002

Sky transmission low (634) for unknown reason. Spar is pointed OK according to PICS images, Sky tx aperture is not blocked or dirty.

PSPT COMMENT: Fri Mar 1 17:45:53 GMT 2002

Started observations.

PSPT PROBLEM : Fri Mar 1 17:57:50 GMT 2002

Poor centering at startup. Manually pointed spar during data loop.

Instrument should center during next loop.

Fri Mar 1 18:02:08 GMT 2002 PICS Flat

Fri Mar 1 18:05:09 GMT 2002 PICS End Flat

MLSO PROBLEM : Fri Mar 1 18:06:23 GMT 2002

RA was moderately hyper due to low sky tx values. I disabled the AGC to calm it down a bit.

PSPT PROBLEM : Fri Mar 1 18:07:38 GMT 2002

Images still not centered well. I will stop PSPT after this loop and run a centering routine.

PSPT PROBLEM : Fri Mar 1 18:12:56 GMT 2002

PSPT ran thru a centering routine after the current program. Sun did not center on window. Hmmmm, I wonder if something happened during Tim Brown's trek thru the innards yesterday?

A NEW TAPE HAS BEEN PUT INTO KAIEE DLT DRIVE, Fri Mar 1 18:14:44 GMT 2002

MLSO PROBLEM : Fri Mar 1 18:32:59 GMT 2002

Low sky tx could be from very clean, dark sky. I do not see that bright sky around the sun that has been the norm these days.

PSPT COMMENT: Fri Mar 1 18:57:31 GMT 2002

Images centered OK now.

Fri Mar 1 19:02:57 GMT 2002 CHIP LSD

Fri Mar 1 19:05:17 GMT 2002 CHIP End LSD

Fri Mar 1 19:05:32 GMT 2002 CHIP BiasLSD

Fri Mar 1 19:06:32 GMT 2002 CHIP End BiasLSD

Fri Mar 1 19:06:41 GMT 2002 CHIP Bias

Fri Mar 1 19:07:35 GMT 2002 CHIP End Bias

PSPT PROBLEM : Fri Mar 1 19:13:37 GMT 2002

Stalled doing clr blue in flatfield program at 1908 UT. Pressed Enter to resume.

MKIV COMMENT: Fri Mar 1 19:26:09 GMT 2002

Was busy taking care of a lot of stuff, forgot to start calibration and to change thermoprinter cadence. Starting Cal as soon as I tend to printer.

MKIV COMMENT: Fri Mar 1 19:32:01 GMT 2002

Reset thermoprinter to 30-minute cadence. Temp. was 19.5 C.

Fri Mar 1 19:32:47 GMT 2002 MKIV Start Cal

Fri Mar 1 20:11:43 GMT 2002 MKIV Start Patrol

MKIV PROBLEM : Fri Mar 1 20:11:46 GMT 2002

Continued distraction, forgot to queue up Patrol after Calibrate.

PSPT PROBLEM : Fri Mar 1 20:13:34 GMT 2002

Another stall doing clr blue, this time in Daily Obs, at 1949 UT. Pressed Enter on PC again to resume program.

MKIV PROBLEM : Fri Mar 1 20:16:22 GMT 2002

Sky tx is now 744. AGC on guider still disabled. Data looks OK.

MLSO PROBLEM:

Fri Mar 1 21:54:33 GMT 2002
Sky tx at 761. Turning AGC back on, ran guider with it disabled today.

Fri Mar 1 22:02:50 GMT 2002 CHIP End Patrol

Fri Mar 1 22:03:30 GMT 2002 PICS End Patrol

PSPT COMMENT: Fri Mar 1 22:04:54 GMT 2002

Stopped observations.

MKIV PROBLEM:

Fri Mar 1 22:05:31 GMT 2002
Leaving MK4 camera on overnight, installing heating pad over camera trough.

Main MK4 power on, KCC off, nahenahe monitor dimmed, monitor oscilloscopes off, O1 guider off.

MKIV PROBLEM:

Fri Mar 1 22:13:34 GMT 2002
Stopped thermoprinter. last temperature was 26.9 C.

Fri Mar 1 22:20:07 GMT 2002

MkIV

17_38.rawmk4	18_26.rawmk4	19_13.rawmk4	20_39.rawmk4	21_27.rawmk4
17_41.rawmk4	18_29.rawmk4	19_16.rawmk4	20_42.rawmk4	21_29.rawmk4
17_44.rawmk4	18_31.rawmk4	19_19.rawmk4	20_45.rawmk4	21_32.rawmk4
17_47.rawmk4	18_34.rawmk4	19_21.rawmk4	20_48.rawmk4	21_35.rawmk4
17_50.rawmk4	18_37.rawmk4	19_24.rawmk4	20_51.rawmk4	21_38.rawmk4
17_53.rawmk4	18_40.rawmk4	19_27.rawmk4	20_54.rawmk4	21_41.rawmk4
17_56.rawmk4	18_43.rawmk4	19_36.rawmk4	20_57.rawmk4	21_44.rawmk4
17_59.rawmk4	18_46.rawmk4	19_43.rawmk4	21_00.rawmk4	21_47.rawmk4
18_02.rawmk4	18_49.rawmk4	19_49.rawmk4	21_03.rawmk4	21_50.rawmk4
18_05.rawmk4	18_52.rawmk4	20_11.rawmk4	21_06.rawmk4	21_53.rawmk4
18_08.rawmk4	18_55.rawmk4	20_14.rawmk4	21_09.rawmk4	21_56.rawmk4
18_11.rawmk4	18_58.rawmk4	20_17.rawmk4	21_12.rawmk4	21_59.rawmk4
18_14.rawmk4	19_01.rawmk4	20_20.rawmk4	21_15.rawmk4	22_02.rawmk4
18_17.rawmk4	19_04.rawmk4	20_23.rawmk4	21_18.rawmk4	c19_32.rawmk4
18_20.rawmk4	19_07.rawmk4	20_29.rawmk4	21_21.rawmk4	c19_40.rawmk4
18_23.rawmk4	19_10.rawmk4	20_33.rawmk4	21_24.rawmk4	c19_46.rawmk4