
Mauna Loa Solar Observatory Observer's Log

Mon Jul 3 16:18:25 GMT 2000
Year: 00 Doy: 185
Observer: yasukawa
WEATHER COMMENT: Mon Jul 3 16:18:53 GMT 2000
Cool, clear, brisk southeast wind. Scattered cirrus patches nearby.
Mon Jul 3 16:19:41 GMT 2000 CHIP Startup--Initializing new tape
Mon Jul 3 16:23:57 GMT 2000 CHIP CHIP Start 7 Passband Patrol
Mon Jul 3 16:24:07 GMT 2000 MKIV Start Patrol
Mon Jul 3 16:24:10 GMT 2000 PICS Start Patrol
LOW-L COMMENT: Mon Jul 3 16:30:07 GMT 2000
Drive #1 at 71 files, stopped and unloaded L00726. Restarted with data writing to L00727 in drive #0. Cleaned drive #1 and loaded L00728.
WEATHER COMMENT: Mon Jul 3 16:35:04 GMT 2000
In cirrus patches.
MKIV COMMENT: Mon Jul 3 16:38:12 GMT 2000
Cleaned exabyte drive.
MLSO PROBLEM: Mon Jul 3 16:40:38 GMT 2000
Network still appears very slow.
MLSO PROBLEM: Mon Jul 3 17:37:51 GMT 2000
Network sluggishness is local to NOAA system either on site or at FB. Phone connection with personal ISP in Hilo is running at normal speed via PC modem.
WEATHER COMMENT: Mon Jul 3 17:39:55 GMT 2000
Clear.
GONG COMMENT: Mon Jul 3 17:53:53 GMT 2000
Going down to GONG to do weekly and monthly PM.
Mon Jul 3 18:03:10 GMT 2000 PICS Flat
Mon Jul 3 18:06:17 GMT 2000 PICS End Flat
GONG COMMENT: Mon Jul 3 18:25:47 GMT 2000
Back from GONG
LOW-L PROBLEM: Mon Jul 3 19:07:09 GMT 2000
Started hearing a clicking noise a few minutes ago. Found LOWL drive #0 popping the tape in and out. Data started writing to drive #1. Ejected L00727, cleaned drive #0, loaded L00729 into drive #0. Data is writing to L00728 in drive #1.
COMMENT: Mon Jul 3 19:10:08 GMT 2000
Stopping to reconfigure dome shutter.
Mon Jul 3 19:11:03 GMT 2000 CHIP CHIP End Patrol
Mon Jul 3 19:13:27 GMT 2000 PICS End Patrol
Mon Jul 3 19:19:14 GMT 2000 MKIV Start Patrol
Mon Jul 3 19:19:40 GMT 2000 PICS Start Patrol
Mon Jul 3 19:20:16 GMT 2000 CHIP CHIP Start 7 Passband Patrol
MKIV PROBLEM: Mon Jul 3 19:20:55 GMT 2000
Rebooted KCC during dome reconfiguration due to washed out xanim images. First scan on KCC monitor is devoid of coronal image. Second scan OK.
MKIV PROBLEM: Mon Jul 3 19:28:15 GMT 2000
OK, xanim images much better. This has happened before, when I started up in cirrus.
Mon Jul 3 20:02:42 GMT 2000 CHIP Gain7
Mon Jul 3 20:11:21 GMT 2000 CHIP End Gain
Mon Jul 3 20:11:35 GMT 2000 CHIP Bias
Mon Jul 3 20:12:45 GMT 2000 CHIP End Bias
PICS PROBLEM: Mon Jul 3 21:30:26 GMT 2000
Occulting wheel is timing out.
Mon Jul 3 21:34:17 GMT 2000 PICS End Patrol
PICS PROBLEM: Mon Jul 3 21:45:52 GMT 2000
Occulting wheel was stalled between stations and I couldn't move it with the qterm control. Moved it with the spare power supply and tried again with qterm. This time it moved OK, but during a couple of tries, wheel stalled out. It did not sound like the motor was dragging. One thing I saw down at the YBox was both the (drive) CW and CCW leds were on when the wheel was initially stalled, and when I try moving the

wheel with the gui, both leds go on initially, but then the CCW one goes out and the wheel changes to the correct position. It is working for now.

Mon Jul 3 21:53:10 GMT 2000 PICS Start Patrol

Mon Jul 3 22:03:52 GMT 2000 PICS End Patrol

PICS PROBLEM: Mon Jul 3 22:08:59 GMT 2000

Tried swapping objective driver with occulter driver and got the same result as far as the drive leds' behavior. Swapped driver cards back and tried moving objective wheel, drive leds behaved similarly.

PICS PROBLEM: Mon Jul 3 22:12:49 GMT 2000

Both drive leds probably come on when driver is strained overcoming the wheel's inertia and when the wheel was stalled, they were both lit due to the overload on the driver. I will need to investigate what was causing the stall.

CHIP CHIP End Patrol

Mon Jul 3 22:15:07 GMT 2000 CHIP ending tape

COMMENT: Mon Jul 3 22:16:38 GMT 2000

Tapes:

MKIV: 00-185

PICS: P01790

CHIP: C01169

LOWL: L00727 in drive #0 and L00728 in drive #1

PICS COMMENT: Mon Jul 3 22:20:19 GMT 2000

Cleaned PICS tape drive.

CHIP COMMENT: Mon Jul 3 22:20:44 GMT 2000

Cleaned CHIP tape drive.

Mon Jul 3 22:21:46 GMT 2000

MkIV

16_24.rawmk4	17_32.rawmk4	18_50.rawmk4	20_06.rawmk4	21_15.rawmk4
16_27.rawmk4	17_35.rawmk4	18_53.rawmk4	20_09.rawmk4	21_18.rawmk4
16_30.rawmk4	17_38.rawmk4	18_56.rawmk4	20_12.rawmk4	21_21.rawmk4
16_33.rawmk4	17_41.rawmk4	18_59.rawmk4	20_15.rawmk4	21_24.rawmk4
16_36.rawmk4	17_44.rawmk4	19_02.rawmk4	20_18.rawmk4	21_27.rawmk4
16_39.rawmk4	17_47.rawmk4	19_05.rawmk4	20_21.rawmk4	21_30.rawmk4
16_42.rawmk4	17_50.rawmk4	19_08.rawmk4	20_24.rawmk4	21_32.rawmk4
16_44.rawmk4	17_56.rawmk4	19_19.rawmk4	20_27.rawmk4	21_35.rawmk4
16_47.rawmk4	18_02.rawmk4	19_22.rawmk4	20_30.rawmk4	21_38.rawmk4
16_50.rawmk4	18_08.rawmk4	19_25.rawmk4	20_33.rawmk4	21_41.rawmk4
16_53.rawmk4	18_11.rawmk4	19_28.rawmk4	20_36.rawmk4	21_44.rawmk4
16_56.rawmk4	18_14.rawmk4	19_31.rawmk4	20_39.rawmk4	21_47.rawmk4
16_59.rawmk4	18_17.rawmk4	19_34.rawmk4	20_42.rawmk4	21_50.rawmk4
17_02.rawmk4	18_20.rawmk4	19_37.rawmk4	20_45.rawmk4	21_53.rawmk4
17_05.rawmk4	18_23.rawmk4	19_40.rawmk4	20_48.rawmk4	21_56.rawmk4
17_08.rawmk4	18_26.rawmk4	19_43.rawmk4	20_51.rawmk4	21_59.rawmk4
17_11.rawmk4	18_29.rawmk4	19_46.rawmk4	20_54.rawmk4	22_02.rawmk4
17_14.rawmk4	18_32.rawmk4	19_49.rawmk4	20_57.rawmk4	c17_53.rawmk4
17_17.rawmk4	18_35.rawmk4	19_52.rawmk4	21_00.rawmk4	c17_59.rawmk4
17_20.rawmk4	18_38.rawmk4	19_55.rawmk4	21_03.rawmk4	c18_05.rawmk4
17_23.rawmk4	18_41.rawmk4	19_57.rawmk4	21_06.rawmk4	
17_26.rawmk4	18_44.rawmk4	20_00.rawmk4	21_09.rawmk4	
17_29.rawmk4	18_47.rawmk4	20_03.rawmk4	21_12.rawmk4	