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                   Mauna Loa Solar Observatory Observer's Log
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            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.
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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

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|---|---|---|---|---|
| 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 | |