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-------------------------------------------------------------------------------
                 Mauna Loa Solar Observatory Observer's Log
-------------------------------------------------------------------------------
          Mon Jun  2 17:56:07 GMT 1997
Year: 97  Doy: 153
Observer: yasukawa
Mon Jun  2 17:56:01 GMT 1997     CHIP      Startup--Initializing new tape
WEATHER COMMENT: Mon Jun  2 17:57:51 GMT 1997
Cool, clear, southeast wind.
Mon Jun  2 17:59:11 GMT 1997     dPMon     Start Patrol
Mon Jun  2 17:59:45 GMT 1997     CHIP      CHIP Start Patrol
Mon Jun  2 18:00:31 GMT 1997     dPMon     Flat
Mon Jun  2 18:01:25 GMT 1997     dPMon     End Flat
WEATHER COMMENT: Mon Jun  2 18:01:51 GMT 1997
Looks like we are in very thin cirrus.  There is a tight halo around
the sun and MKIII image is highly polarized.
Mon Jun  2 18:03:36 GMT 1997     CHIP      Bias
Mon Jun  2 18:04:28 GMT 1997     CHIP      End Bias
Mon Jun  2 18:04:38 GMT 1997     CHIP      Water
Mon Jun  2 18:05:08 GMT 1997     CHIP      End Water
COMMENT: Mon Jun  2 18:03:36 GMT 1997
MCC failure this morning.  MCC monitor in standby mode.  Run would not
work because MCC was down.  Fail LEDs on 2533, 4105, and 3125 were lit.
Did all the usual steps but nothing worked to correct problem.
Steps included, cycling power, resetting MCC, reseating cables, pulling
and inspecting VME cards, rebooting kii and nene.  After David called,
we checked serial connections and ethernet connections and tried reset
again.  This time MCC came up.  The noteable difference was that the
green LEDs on the processor card did not blink as they normally do when
the processor is running duing the first couple of reset attempts.
We will need to watch that diagnostic as it may indicate that there is
an impending hard failure in the processor in our future.  The RUN
and VME LEds should be flashing.

MKIII started at 1731 while troubleshooting.
CHIP COMMENT: Mon Jun  2 18:14:28 GMT 1997
Tape problem yesterday must have been either dirty heads or bad tape.
So far I am not seeing tape i/o write errors on the console.
CHIP COMMENT: Mon Jun  2 18:18:38 GMT 1997
Had swapped the printer with the MCC serial port on kii to do diagnostic
with alakai (MCC).  Swapped it back to original configuration.
COMMENT: Mon Jun  2 18:20:26 GMT 1997
There may have also been a localized network problem that caused the
MCC to not load its program from kii this morning. While we were
troubleshooting, GONG xterm lost its connection with its processor
in the GONG shed.
WEATHER COMMENT: Mon Jun  2 18:34:25 GMT 1997
Cirrus thinning, high polarization seen on MKIII diminishing.
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Mon Jun  2 19:03:01 GMT 1997     dPMon    Flat
Mon Jun  2 19:03:10 GMT 1997     CHIP     Bias
Mon Jun  2 19:03:56 GMT 1997     dPMon    End Flat
Mon Jun  2 19:03:58 GMT 1997     CHIP     End Bias
Mon Jun  2 19:04:08 GMT 1997     CHIP     Water
Mon Jun  2 19:04:37 GMT 1997     CHIP     End Water
Mon Jun  2 19:10:23 GMT 1997     dPMon    End Patrol
COMMENT: Mon Jun  2 19:10:30 GMT 1997
Stopping to reconfigure dome shutter.
Mon Jun  2 19:13:34 GMT 1997     CHIP     CHIP End Patrol
Mon Jun  2 19:19:21 GMT 1997     dPMon    Start Patrol
Mon Jun  2 19:19:35 GMT 1997     CHIP     CHIP Start Patrol
CHIP COMMENT: Mon Jun  2 19:24:06 GMT 1997
Now I am getting tape write errors.  Drive may have rewound.
Need to pay attention to tape remaining display to determine what
is happening.
Mon Jun  2 19:31:19 GMT 1997     CHIP     CHIP End Patrol
CHIP COMMENT: Mon Jun  2 19:34:21 GMT 1997
Stopped program, apparently tape did rewind.  4585 is Tape Remaining
count at beginning of a tape.  When I did a remote EJECT, I did not
hear any rewind.  Tape just popped out, it was rewound.
Removed C00316 and loaded L00317.  Clicking New Day to initialize
tape.  Restarting Program.
Mon Jun  2 19:37:41 GMT 1997     CHIP     ending tape
Mon Jun  2 19:38:20 GMT 1997     CHIP     Startup--Initializing new tape
Mon Jun  2 19:40:34 GMT 1997     CHIP     CHIP Start Patrol
CHIP COMMENT: Mon Jun  2 19:44:34 GMT 1997
Writing to C00317, Tape Remaining indicator decreasing.  Will watch
this for a while.
Mon Jun  2 20:01:53 GMT 1997     dPMon    Flat
Mon Jun  2 20:02:05 GMT 1997     CHIP     Gain
Mon Jun  2 20:02:47 GMT 1997     dPMon    End Flat
CHIP COMMENT: Mon Jun  2 20:05:38 GMT 1997
Drive just rewound again.
Mon Jun  2 20:06:55 GMT 1997     CHIP     End Gain
Mon Jun  2 20:07:11 GMT 1997     CHIP     Bias
Mon Jun  2 20:07:52 GMT 1997     CHIP     End Bias
Mon Jun  2 20:08:02 GMT 1997     CHIP     Water
Mon Jun  2 20:08:27 GMT 1997     CHIP     End Water
Mon Jun  2 20:11:40 GMT 1997     CHIP     CHIP End Patrol
CHIP COMMENT: Mon Jun  2 20:11:24 GMT 1997
Stopping to remove covers and take a look at O1 for any transmission anomalies.
Ejected C00317.
COMMENT: Mon Jun  2 20:32:20 GMT 1997
Did a lot of spar leaning.  One should not put a lot of screws in places
that will be poorly accessible when the instrument is finally mounted
in place.
CHIP COMMENT: Mon Jun  2 20:33:45 GMT 1997
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O1 looks quite transparent, dusted it off in any case.
Mon Jun 2 20:38:47 GMT 1997   CHIP   ending tape
Mon Jun 2 20:39:53 GMT 1997   CHIP   Startup--Initializing new tape
CHIP COMMENT: Mon Jun 2 20:40:28 GMT 1997
Loaded C00318, initializing with New Day.
Mon Jun 2 20:42:30 GMT 1997   CHIP   CHIP Start Patrol
WEATHER COMMENT: Mon Jun 2 20:42:51 GMT 1997
In scattered orographic clouds.
Mon Jun 2 21:01:04 GMT 1997   CHIP   Bias
Mon Jun 2 21:01:50 GMT 1997   CHIP   End Bias
Mon Jun 2 21:02:02 GMT 1997   dPMon   Flat
Mon Jun 2 21:01:59 GMT 1997   CHIP   Water
Mon Jun 2 21:02:31 GMT 1997   CHIP   End Water
Mon Jun 2 21:02:57 GMT 1997   dPMon   End Flat
Mon Jun 2 21:45:22 GMT 1997   CHIP   CHIP End Patrol
Mon Jun 2 22:01:54 GMT 1997   dPMon   Flat
Mon Jun 2 22:02:46 GMT 1997   dPMon   End Flat
Mon Jun 2 22:09:38 GMT 1997   dPMon   End Patrol
COMMENT: Mon Jun 2 22:10:51 GMT 1997
Activity report:
QP: 45-50; 85; 110-115; 250; 287;
No coronal activity

Tapes: MKIII: H01568
        DPMON: P00898
        CHIP: C00316, C00317, C00318
        LOWL: L00457
SCAN-LOG
SCAN-LOG 17:23:37.   6/2/97 DOY 153
    17:31:41   17:34:55   17:38:09   17:41:23   17:44:37
    17:47:51   17:51:04   17:54:18   17:57:30   18:00:45
    18:03:58   18:07:12   18:10:25   18:13:39   18:16:51
    18:20:07   18:23:20   18:26:34   18:29:47   18:33:01
    18:36:14   18:39:29   18:42:41   18:45:55   18:49:08
    1854 0 CL   18:57:28   1902 15CL   19:05:59   19:19:25
    19:22:42   19:25:56   19:29:10   19:32:22   19:35:36
    19:38:48   19:42:03   19:45:16   19:48:30   19:51:43
    19:54:57   19:58:09   20:01:28   20:04:41   20:13:57
    20:17:10   20:20:22   20:23:35   20:26:47   20:30:01
    20:33:12   20:36:25   20:39:38   20:42:53   20:46:06
    20:49:20   20:52:33   20:55:47   20:59:01   21:02:15
    21:05:28   21:08:42   21:11:55   21:15:10   21:18:23
    21:21:36   21:24:49   21:28:02   21:31:14   21:34:27
    21:37:39   21:40:52   21:44:04   21:47:18   21:50:30
    21:53:43   21:56:55   22:00:09   22:03:20   22:06:34
  0 ERRORS
OK