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                 Mauna Loa Solar Observatory Observer's Log
--------------------------------------------------------------------------------
          Mon Jun 12 16:28:46 GMT 2000
Year: 00  Doy: 164
Observer: yasukawa
Mon Jun 12 16:29:47 GMT 2000    CHIP     Startup--Initializing new tape
Mon Jun 12 16:30:40 GMT 2000
        MkIV


--------------------------------------------------------------------------------
                 Mauna Loa Solar Observatory Observer's Log
--------------------------------------------------------------------------------
          Mon Jun 12 16:30:52 GMT 2000
Year: 00  Doy: 164
Observer: yasukawa
WEATHER COMMENT: Mon Jun 12 16:31:11 GMT 2000
Cool, clear, light southeast breeze.
Mon Jun 12 16:36:22 GMT 2000    MKIV    Start Patrol
Mon Jun 12 16:36:43 GMT 2000    PICS    Start Patrol
Mon Jun 12 16:36:43 GMT 2000    PICS    Start Patrol
**PSPT PROBLEM**: Mon Jun 12 17:32:41 GMT 2000
Tried replacing TTL ICs on the Y driver board.  A couple of the chips,
SN7407 and SN74LS14 looked like they might be a tad scorched.  I replaced
the 7407 and 74LS157 with new chips.  We did not have any 74LS14s on
hand so I checked with NOAA and got a 7414 (not LS) to try.  Y axis
behaved in the same way,  suspect component is now the drive module.
There are no replacements for it so we will have to wait for Randy
to locate a replacement board and send it out.
Mon Jun 12 18:02:59 GMT 2000    PICS    Flat
Mon Jun 12 18:05:56 GMT 2000    PICS    End Flat
GONG COMMENT: Mon Jun 12 18:30:16 GMT 2000
Going down to GONG to do weekly PM.
**GONG PROBLEM**: Mon Jun 12 19:34:37 GMT 2000
GONG monitor failed.  Replaced temporarily with HAO spare.  RPC error
crashed sparc when changing tapes. Had to troubleshoot and then
reboot sparc to restore system.
PM pau, back from GONG.
COMMENT: Mon Jun 12 19:36:36 GMT 2000
Stopping to reconfigure dome shutter.
Mon Jun 12 19:37:24 GMT 2000    PICS     End Patrol
Mon Jun 12 19:37:49 GMT 2000    CHIP     CHIP End Patrol
Mon Jun 12 19:45:49 GMT 2000    MKIV    Start Patrol
Mon Jun 12 19:46:09 GMT 2000    PICS     Start Patrol
Mon Jun 12 19:46:16 GMT 2000    CHIP     CHIP Start 7 Passband Patrol
Mon Jun 12 20:00:46 GMT 2000    CHIP     Gain7
Mon Jun 12 20:09:22 GMT 2000    CHIP     End Gain
Mon Jun 12 20:09:39 GMT 2000    CHIP     Bias
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**** EVENT COMMENT ****: Mon Jun 12 20:10:42 GMT 2000
There was an EPL ongoing before reconfiguring dome shutter, noticed
it after halting Patrol.  There is a CME at PA 270-290, xanim
tells me it started sometime before 1930 UT.  Region surging again
at this time (PICS).
COMMENT: Mon Jun 12 20:32:10 GMT 2000
Declination just reset.  Repointed and reset guider.
COMMENT: Mon Jun 12 21:10:07 GMT 2000
Declination reset itself again.  Repointed and reset.
**PICS PROBLEM**: Mon Jun 12 21:57:20 GMT 2000
Occulting wheel mechanism was quiet this morning, but it is noisy now.
Listened with a stethoscope and it does sound like the noise is
coming from the gearbox with the planetary gears attached to the motor.
We are working on locating some spares, there may be some spare parts
in Hilo.
Mon Jun 12 22:06:15 GMT 2000     PICS      End Patrol
Mon Jun 12 22:08:31 GMT 2000     CHIP      CHIP End Patrol
Mon Jun 12 22:13:21 GMT 2000     CHIP      ending tape
COMMENT: Mon Jun 12 22:18:15 GMT 2000


TAPES:
MKIV:  00-164
PICS:  P01774
CHIP:  C01153
LOWL:  L00721


Mon Jun 12 22:22:35 GMT 2000
        MkIV


16_36.rawmk4    17_42.rawmk4    18_57.rawmk4    20_06.rawmk4    21_12.rawmk4
16_39.rawmk4    17_45.rawmk4    19_00.rawmk4    20_09.rawmk4    21_15.rawmk4
16_42.rawmk4    17_48.rawmk4    19_03.rawmk4    20_12.rawmk4    21_18.rawmk4
16_45.rawmk4    17_51.rawmk4    19_06.rawmk4    20_15.rawmk4    21_21.rawmk4
16_48.rawmk4    17_54.rawmk4    19_09.rawmk4    20_18.rawmk4    21_24.rawmk4
16_51.rawmk4    17_56.rawmk4    19_12.rawmk4    20_21.rawmk4    21_27.rawmk4
16_54.rawmk4    17_59.rawmk4    19_15.rawmk4    20_24.rawmk4    21_30.rawmk4
16_57.rawmk4    18_03.rawmk4    19_18.rawmk4    20_27.rawmk4    21_33.rawmk4
17_00.rawmk4    18_05.rawmk4    19_21.rawmk4    20_30.rawmk4    21_36.rawmk4
17_03.rawmk4    18_08.rawmk4    19_24.rawmk4    20_33.rawmk4    21_39.rawmk4
17_06.rawmk4    18_15.rawmk4    19_27.rawmk4    20_36.rawmk4    21_42.rawmk4
17_09.rawmk4    18_21.rawmk4    19_30.rawmk4    20_39.rawmk4    21_45.rawmk4
17_12.rawmk4    18_27.rawmk4    19_33.rawmk4    20_42.rawmk4    21_48.rawmk4
17_15.rawmk4    18_30.rawmk4    19_36.rawmk4    20_45.rawmk4    21_51.rawmk4
17_18.rawmk4    18_33.rawmk4    19_39.rawmk4    20_48.rawmk4    21_54.rawmk4
17_21.rawmk4    18_36.rawmk4    19_45.rawmk4    20_51.rawmk4    21_57.rawmk4
17_24.rawmk4    18_39.rawmk4    19_48.rawmk4    20_54.rawmk4    22_00.rawmk4
17_27.rawmk4    18_42.rawmk4    19_51.rawmk4    20_57.rawmk4    22_02.rawmk4
17_30.rawmk4    18_45.rawmk4    19_54.rawmk4    21_00.rawmk4    22_05.rawmk4
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17_33.rawmk4    18_48.rawmk4    19_57.rawmk4    21_03.rawmk4    c18_11.rawmk4
17_36.rawmk4    18_51.rawmk4    20_00.rawmk4    21_06.rawmk4    c18_18.rawmk4
17_39.rawmk4    18_54.rawmk4    20_03.rawmk4    21_09.rawmk4    c18_24.rawmk4
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