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                   Mauna Loa Solar Observatory Observer's Log
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          Thu May  7 16:59:05 GMT 1998
Year: 98  Doy: 127
Observer: koon
WEATHER COMMENT: Thu May  7 16:59:20 GMT 1998
Scattered cirrus, wind=5 mph from the West, temp=48 F.
WEATHER COMMENT: Thu May  7 17:07:15 GMT 1998
There's some thick altocumulus clouds up there, the spar can't guide on the
sun yet.
Thu May  7 17:34:16 GMT 1998    CHIP     CHIP Start Patrol
Thu May  7 17:36:32 GMT 1998    PICS     Start Patrol
WEATHER COMMENT: Thu May  7 17:37:32 GMT 1998
There is a hole between the clouds and the spar is tracking, started
some observations.
MKIII COMMENT: Thu May  7 17:38:13 GMT 1998
Will wait for clouds to clear before starting this.
PSPT COMMENT: Thu May  7 17:38:31 GMT 1998
I need to work with Haosheng on calibrating some things after changing
the dec axis limit switch activator position yesterday, we weren't able
to finish it yesterday.
Thu May  7 18:02:06 GMT 1998    CHIP     Bias
Thu May  7 18:02:24 GMT 1998    PICS     Flat
Thu May  7 18:03:11 GMT 1998    CHIP     End Bias
Thu May  7 18:03:19 GMT 1998    CHIP     Water
Thu May  7 18:03:48 GMT 1998    PICS     End Flat
Thu May  7 18:04:00 GMT 1998    CHIP     End Water
LOW-L COMMENT: Thu May  7 18:05:03 GMT 1998
Program crashed at 03:57:26 on 5/7 ut, yesterday afternoon.  The old
familiar graphic rectangles on the screen.  I removed L00513 from temp
drive #1 (which was being used when crash occurred) and cleaned the drive
since the cleaning LEDs were blinking, then installed L00515 in that
drive and cycled the power to the computer to restart observations.
WEATHER COMMENT: Thu May  7 18:54:04 GMT 1998
Clouds have cleared temporarily.
Thu May  7 18:54:23 GMT 1998    MKIII    Start Patrol
Thu May  7 19:02:12 GMT 1998    CHIP     Bias
Thu May  7 19:02:28 GMT 1998    PICS     Flat
Thu May  7 19:03:26 GMT 1998    CHIP     End Bias
Thu May  7 19:03:41 GMT 1998    CHIP     Water
Thu May  7 19:03:56 GMT 1998    PICS     End Flat
Thu May  7 19:04:30 GMT 1998    CHIP     End Water
Thu May  7 19:07:19 GMT 1998    MKIII    Start Cal
Thu May  7 20:00:30 GMT 1998    PICS     Flat
Thu May  7 20:01:58 GMT 1998    PICS     End Flat
Thu May  7 20:02:02 GMT 1998    CHIP     Gain
MKIII COMMENT: Thu May  7 20:04:56 GMT 1998
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*****RECYCLING H01819*****


Thu May  7 20:07:57 GMT 1998     CHIP     End Gain
Thu May  7 20:08:07 GMT 1998     CHIP     Bias
Thu May  7 20:09:02 GMT 1998     CHIP     End Bias
Thu May  7 20:09:11 GMT 1998     CHIP     Water
Thu May  7 20:09:54 GMT 1998     CHIP     End Water
PSPT COMMENT: Thu May  7 20:35:46 GMT 1998
We calibrated the pointing, but now Haosheng is checking if we need to do
more adjusting.
WEATHER COMMENT: Thu May  7 20:36:44 GMT 1998
Thick cirrostratus moved in while I was working on PSPT.
MKIII COMMENT: Thu May  7 20:37:13 GMT 1998
Stopping for the day.
PICS  COMMENT: Thu May  7 20:37:27 GMT 1998
Pausing due to clouds.
 1998   CHIP     CHIP End Patrol
CHIP COMMENT: Thu May  7 20:37:36 GMT 1998
Pausing due to clouds.
 1998   PICS     End Patrol
Thu May  7 21:46:03 GMT 1998     CHIP     ending tape
PSPT COMMENT: Thu May  7 22:13:30 GMT 1998
OK, we were able to set the limit switch activator to a better estimate of
the required dec travel through the year, but this may have to be redone
on the day the sun is at its highest.  Also recalibrated the pointing
system (ephemcal?).
PSPT COMMENT: Thu May  7 22:21:45 GMT 1998
Tested pointing by doing a Run, it appears the guider still won't lock in
declination but it doesn't look like the limit switch is activated.  Will
try again.
PSPT COMMENT: Thu May  7 22:25:54 GMT 1998
I tried Restart, the cap was closed while the program was trying to lock
on the sun.  Quit and tried Run again.
COMMENT: Thu May  7 22:29:58 GMT 1998


TAPES:
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MKIII: H01820
PICS: P01186
CHIP: C00576
LOWL: L00514 in temp drive #0


PSPT COMMENT: Thu May  7 23:21:11 GMT 1998
We kept having problems guiding on the sun, but that could be because of
the clouds or the time of day, and hopefully not because of a bad
initial position in declination after starting Run.  Hopefully it
will be OK on a sunnier day, we'll have to find that out before
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trying anything else.
Thu May 7 23:23:53 GMT 1998
        MkIII

18_54.rawmk3	19_25.rawmk3	19_46.rawmk3	20_06.rawmk3	20_27.rawmk3
18_57.rawmk3	19_28.rawmk3	19_49.rawmk3	20_09.rawmk3	20_30.rawmk3
19_00.rawmk3	19_31.rawmk3	19_52.rawmk3	20_12.rawmk3	20_33.rawmk3
19_03.rawmk3	19_34.rawmk3	19_55.rawmk3	20_15.rawmk3	c19_07.rawmk3
19_10.rawmk3	19_37.rawmk3	19_58.rawmk3	20_18.rawmk3	c19_13.rawmk3
19_16.rawmk3	19_40.rawmk3	20_01.rawmk3	20_21.rawmk3	c19_19.rawmk3
19_22.rawmk3	19_43.rawmk3	20_03.rawmk3	20_24.rawmk3	