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                    Mauna Loa Solar Observatory Observer's Log
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           Thu Jun 29 16:49:19 GMT 2000
Year: 00  Doy: 181
Observer: koon
WEATHER COMMENT: Thu Jun 29 16:49:21 GMT 2000
Thick altocumulus overcast with thinner cirrostratus to the West, wind=5 mph
from the ESE, temp=48 F.
COMMENT: Thu Jun 29 16:50:26 GMT 2000
Will wait for clouds to clear before starting instruments.
Thu Jun 29 18:01:07 GMT 2000     CHIP     Startup--Initializing new tape
WEATHER COMMENT: Thu Jun 29 18:03:05 GMT 2000
Clouds have cleared enough for Spar to track, starting some instruments.
9 18:03:15 GMT 2000      CHIP     CHIP Start 7 Passband Patrol
Thu Jun 29 18:55:35 GMT 2000     MKIV     Start Patrol
Thu Jun 29 20:01:05 GMT 2000     CHIP      Gain7
Thu Jun 29 20:09:40 GMT 2000     CHIP      End Gain
Thu Jun 29 20:09:54 GMT 2000     CHIP      Bias
Thu Jun 29 20:10:57 GMT 2000     CHIP      End Bias
COMMENT: Thu Jun 29 20:15:48 GMT 2000
Extended the dome slot.
**PSPT PROBLEM**: Thu Jun 29 20:30:29 GMT 2000
Another PSPT program crash, at 20:04:17, with the following messages:
on IDL xterm window:
memidl.c: timeout waiting for memimage queue.
BDARK (PSPT_IMAGE)
                 INT      =      0
memidl.c: timeout waiting for memimage queue.
KDARK (PSPT_IMAGE)
                 INT      =      0

IDL>

then on the GUI observing window:
Taking BLUE dark image
Bad image ...
Taking CaK dark image
Bad image ...
Taking RED dark image


Also, the telescope is still locked on the sun with the active mirror activated.
Will try to restart.
**MLSO PROBLEM**: Thu Jun 29 20:38:15 GMT 2000
Spar lost Dec guiding, repointed and reset guiding.
**PSPT PROBLEM**: Thu Jun 29 20:52:38 GMT 2000
I restarted the program with only one try (for the first time since PSPT was insinstalled here) by first killing the runPs
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pt.pro task then typing in Pspt
as usual in the xterm window, but then skipping the PSPT/Start up step and
going directly to the DATA/Daily Obs step. This avoided the inevitable
stall that happens during a crash-forced restart at the shutter testing point
of the PSPT/Start up step. Maybe this will work with the other types of
crashes we get. Note that the telescope was pointed and locked on the sun
between the crash and the invoking of the DATA/Daily Obs step.
WEATHER COMMENT: Thu Jun 29 21:03:08 GMT 2000
Very thick orographic clouds are starting to cover MLSO, closing down.
Thu Jun 29 21:05:12 GMT 2000   PICS   End Patrol
Thu Jun 29 21:08:50 GMT 2000   CHIP   CHIP End Patrol
Thu Jun 29 21:12:55 GMT 2000   CHIP   ending tape
COMMENT: Thu Jun 29 21:19:03 GMT 2000

TAPES:
******
MKIV: 00-181
CHIP: C01166
PICS: P01787
LOWL: L00726 in drive #1.

Thu Jun 29 21:20:01 GMT 2000
        MkIV

18_55.rawmk4   19_19.rawmk4   20_07.rawmk4   20_31.rawmk4   20_55.rawmk4
18_58.rawmk4   19_22.rawmk4   20_10.rawmk4   20_34.rawmk4   20_58.rawmk4
19_01.rawmk4   19_28.rawmk4   20_13.rawmk4   20_37.rawmk4   21_01.rawmk4
19_04.rawmk4   19_49.rawmk4   20_16.rawmk4   20_40.rawmk4   c19_25.rawmk4
19_07.rawmk4   19_55.rawmk4   20_19.rawmk4   20_43.rawmk4   c19_31.rawmk4
19_10.rawmk4   19_59.rawmk4   20_22.rawmk4   20_46.rawmk4   c19_52.rawmk4
19_13.rawmk4   20_02.rawmk4   20_25.rawmk4   20_49.rawmk4
19_16.rawmk4   20_04.rawmk4   20_28.rawmk4   20_52.rawmk4