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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 insintalled here) by first killing the runPs

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:

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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	