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Mauna Loa Solar Observatory Observer's Log  
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Fri May 26 16:18:08 GMT 2000

Year: 00 Doy: 147

Observer: yasukawa

WEATHER COMMENT: Fri May 26 16:18:47 GMT 2000

Cold, clear at horizon but scattered altostratus above, strong southeast wind.

Fri May 26 16:19:40 GMT 2000 CHIP Startup--Initializing new tape

Fri May 26 16:23:54 GMT 2000 MKIV Start Patrol

Fri May 26 16:24:26 GMT 2000 CHIP CHIP Start 7 Passband Patrol

Fri May 26 16:24:42 GMT 2000 PICS Start Patrol

COMMENT: Fri May 26 16:32:41 GMT 2000

Network down somewhere beyond Denver.

COMMENT: Fri May 26 16:50:04 GMT 2000

Net back up.

**\*\*PSPT PROBLEM\*\***: Fri May 26 17:28:18 GMT 2000

Tried pspt startup. Background workspace still up from yesterday.

Startup ran OK although dark frame looked very dark. Spar was not pointing to sun when done, it was about 10 degrees south. Pointed manually using shadows.

Center image program failed. Kept trying to get an image but failed due to low intensity. I could not hear the shutter consistently, but that could be due to the ambient noise. Program finally stalled completely.

Last message on xterm was: % Internal error: Unable to set timer  
Argument out of domain

<CTRL>C is acknowledged ("interrupt encountered") but not acted upon.

Shutdown PSPT manually. Rebooted sparc. Did an init sys on PC.

**\*\*PSPT PROBLEM\*\***: Fri May 26 17:35:52 GMT 2000

Startup proceeded with no problem except there was no blue image on the gui when it was done. Spar was pointed correctly.

We may be having a shutter failure, among other things. There is no spare shutter in our inventory at this time. Have not received any spares back from Boulder yet.

**\*\*PSPT PROBLEM\*\***: Fri May 26 17:43:27 GMT 2000

Daily Obs program failed. Looks like it could not get an image. I did not hear the shutter clicking. I will check out shutter. Exited IDL.

**\*\*PSPT PROBLEM\*\***: Fri May 26 17:51:34 GMT 2000

Removed shutter and tested it with driver. Shutter has failed. one leaf is completely stuck. I will alert Randy.

Fri May 26 18:03:50 GMT 2000 PICS Flat

Fri May 26 18:06:42 GMT 2000 PICS End Flat

**\*\*PSPT PROBLEM\*\***: Fri May 26 18:26:20 GMT 2000

Shutter #1374 packed and ready for FEDEX shipping to Randy via 2nd Day.

WEATHER COMMENT: Fri May 26 19:04:52 GMT 2000

In altostratus.

WEATHER COMMENT: Fri May 26 19:17:38 GMT 2000

Stopping MKIV due to extensive altostratus.

PICS COMMENT: Fri May 26 19:19:04 GMT 2000

stopping PICS too, clouds too thick, disc image dark.

CHIP COMMENT: Fri May 26 19:20:01 GMT 2000

CHIP image is bad, too.

Might as well stop and reconfigure dome at this time.

Fri May 26 19:23:31 GMT 2000 CHIP CHIP End Patrol

Fri May 26 20:24:03 GMT 2000 CHIP ending tape

WEATHER COMMENT: Fri May 26 20:24:27 GMT 2000

Overcast is now thick and extensive. Shutting down.

LOW-L COMMENT: Fri May 26 20:24:59 GMT 2000

LOWL electronics bay was only screwed down with a few screws due to the many iterations at closing in on the best temperature settings.

Tightened down all the screws as the weather may be changing for the worse. Tomczyk may be close to correct setting in any case.

COMMENT: Fri May 26 20:28:13 GMT 2000

Tapes:

MKIV: 00-147

PICS: P01757

CHIP: C01136

LOWL: L00717 in drive #1

Fri May 26 20:29:48 GMT 2000

MkIV

16_23.rawmk4	16_59.rawmk4	17_35.rawmk4	18_20.rawmk4	18_56.rawmk4
16_27.rawmk4	17_02.rawmk4	17_38.rawmk4	18_23.rawmk4	18_58.rawmk4
16_29.rawmk4	17_05.rawmk4	17_41.rawmk4	18_26.rawmk4	19_01.rawmk4
16_32.rawmk4	17_08.rawmk4	17_44.rawmk4	18_29.rawmk4	19_04.rawmk4
16_35.rawmk4	17_11.rawmk4	17_50.rawmk4	18_32.rawmk4	19_07.rawmk4
16_38.rawmk4	17_14.rawmk4	17_56.rawmk4	18_35.rawmk4	19_10.rawmk4
16_41.rawmk4	17_17.rawmk4	18_02.rawmk4	18_38.rawmk4	19_13.rawmk4
16_44.rawmk4	17_20.rawmk4	18_05.rawmk4	18_41.rawmk4	19_16.rawmk4
16_47.rawmk4	17_23.rawmk4	18_08.rawmk4	18_44.rawmk4	19_19.rawmk4
16_50.rawmk4	17_26.rawmk4	18_11.rawmk4	18_47.rawmk4	c17_47.rawmk4
16_53.rawmk4	17_29.rawmk4	18_14.rawmk4	18_50.rawmk4	c17_53.rawmk4
16_56.rawmk4	17_32.rawmk4	18_17.rawmk4	18_53.rawmk4	c17_59.rawmk4