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Mauna Loa Solar Observatory Observer's Log  
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Fri Aug 13 16:14:29 GMT 2004

Year: 04 Doy: 226

Observer: yasukawa

WEATHER COMMENT: Fri Aug 13 16:19:42 GMT 2004

In extensive cirrostratus overcast, SE wind 17 mph, temp 43 F.

COMMENT: Fri Aug 13 16:27:56 GMT 2004

Waiting for sky TX to clear dome cylinder.

Fri Aug 13 16:32:45 GMT 2004 CHIP Start Patrol

Fri Aug 13 16:32:56 GMT 2004 PICS Start Patrol

\*\*PSPT PROBLEM\*\*: Fri Aug 13 16:39:52 GMT 2004

Pspt command starting up gui but clock is not running and Startup command is not running. Halting sparc and rebooting.

\*\*PSPT PROBLEM\*\*: Fri Aug 13 16:48:56 GMT 2004

Reboot didn't fix problem. There is a possible error indication in runPspt startup dialog, before execution halted at: PSPT 406 pspt.pro, there is a message: % Variable is undefined: CMDFILE.

\*\*PSPT PROBLEM\*\*: Fri Aug 13 17:15:18 GMT 2004

Alice fixed the problem.

starting up.

PSPT COMMENT: Fri Aug 13 17:25:57 GMT 2004

Observing.

Fri Aug 13 18:01:31 GMT 2004 PICS Flat

Fri Aug 13 18:02:52 GMT 2004 CHIP LSD

Fri Aug 13 18:03:54 GMT 2004 PICS End Flat

Fri Aug 13 18:04:36 GMT 2004 CHIP End LSD

Fri Aug 13 18:04:42 GMT 2004 CHIP BiasLSD

Fri Aug 13 18:05:33 GMT 2004 CHIP End BiasLSD

Fri Aug 13 18:05:41 GMT 2004 CHIP Bias

Fri Aug 13 18:06:32 GMT 2004 CHIP End Bias

Fri Aug 13 19:30:21 GMT 2004 PICS End Patrol

COMMENT: Fri Aug 13 19:30:30 GMT 2004

Stopping to reconfigure dome shutter.

Fri Aug 13 19:30:44 GMT 2004 CHIP End Patrol

WEATHER COMMENT: Fri Aug 13 19:35:18 GMT 2004

Cirrostratus more broken now, holes a possibility.

Fri Aug 13 19:36:26 GMT 2004 CHIP Start Patrol

Fri Aug 13 19:36:35 GMT 2004 PICS Start Patrol

Fri Aug 13 19:47:43 GMT 2004 MKIV Start Patrol

WEATHER COMMENT: Fri Aug 13 19:47:50 GMT 2004

Clear hole.

MKIV COMMENT: Fri Aug 13 19:47:57 GMT 2004

Centered O1.

Fri Aug 13 19:54:46 GMT 2004 MKIV Start Cal

WEATHER COMMENT: Fri Aug 13 19:56:18 GMT 2004

In passing cirrus.

Fri Aug 13 20:13:29 GMT 2004 MKIV End Cal

\*\*PSPT PROBLEM\*\*: Fri Aug 13 21:00:39 GMT 2004

Pspt crashed at 2038 UT centering. I received automatic alert at 2057 UT by Alice's new crash alert system. Big improvement from 46 minute delay between crash and alert. Killed and restarted.

\*\*PSPT PROBLEM\*\*: Fri Aug 13 21:41:16 GMT 2004

PSPT crashed again at 2120 UT taking CaK image. Killed and restarted.

Alert email message arrived as I was Restarting.

WEATHER COMMENT: Fri Aug 13 23:57:39 GMT 2004

Clear. Centering O1.

Fri Aug 13 23:57:59 GMT 2004 MKIV Start Patrol

\*\*PSPT PROBLEM\*\*: Sat Aug 14 00:12:17 GMT 2004

Noticed that PSPT was looking at right edge of dome slot. Stopped observations and tweaked dome slot position using "dome goto (position)" command then did a "dome cal" and then "dome ephm" commands.

It could be that the dome is lagging the ephemeris when the azimuth drive gear jumps out of the track during midday rotation. Dome does not rotate as much as the program tells it to, actual position lags step count.

Restarted observations.

Sat Aug 14 00:16:45 GMT 2004 MKIV End Patrol

Sat Aug 14 00:16:52 GMT 2004 MKIV Start Cal

MKIV COMMENT: Sat Aug 14 00:17:09 GMT 2004

Earlier calibration was in broken cirrus. Re-doing cal.

Sat Aug 14 00:35:34 GMT 2004 MKIV End Cal

Sat Aug 14 00:35:40 GMT 2004 MKIV Start Patrol

MKIV COMMENT: Sat Aug 14 00:53:20 GMT 2004

Centered O1.

WEATHER COMMENT: Sat Aug 14 01:12:03 GMT 2004

In thin cirrostratus.

COMMENT: Sat Aug 14 01:12:16 GMT 2004

Stopping to reconfigure dome shutter.

Sat Aug 14 01:12:49 GMT 2004 CHIP End Patrol

Sat Aug 14 01:13:27 GMT 2004 PICS End Patrol

Sat Aug 14 01:17:08 GMT 2004 MKIV End Patrol

Sat Aug 14 01:21:59 GMT 2004 MKIV Start Patrol

Sat Aug 14 01:22:14 GMT 2004 CHIP Start Patrol

Sat Aug 14 01:22:25 GMT 2004 PICS Start Patrol

\*\*PSPT PROBLEM\*\* : Sat Aug 14 02:26:36 GMT 2004

Dome parked way far east (opposite side of ladder) at shutdown. This may be due to the adjustment I made at 0012 UT. Manually moved dome to nominal park azimuth with interface cable unplugged, did an init sys on the PC, and plugged interface cable back in.

Sat Aug 14 02:29:41 GMT 2004 CHIP End Patrol

Sat Aug 14 02:29:40 GMT 2004 PICS End Patrol

Sat Aug 14 02:32:40 GMT 2004 MKIV End Patrol

Sat Aug 14 02:36:02 GMT 2004

MkIV

00_03.rawmk4	00_50.rawmk4	01_30.rawmk4	02_06.rawmk4	20_03.rawmk4
00_07.rawmk4	00_53.rawmk4	01_33.rawmk4	02_08.rawmk4	20_10.rawmk4
00_10.rawmk4	00_56.rawmk4	01_36.rawmk4	02_11.rawmk4	23_58.rawmk4
00_13.rawmk4	00_59.rawmk4	01_39.rawmk4	02_14.rawmk4	c00_16.rawmk4
00_19.rawmk4	01_02.rawmk4	01_42.rawmk4	02_17.rawmk4	c00_23.rawmk4
00_26.rawmk4	01_05.rawmk4	01_45.rawmk4	02_20.rawmk4	c00_29.rawmk4
00_32.rawmk4	01_08.rawmk4	01_48.rawmk4	02_23.rawmk4	c19_54.rawmk4
00_35.rawmk4	01_10.rawmk4	01_51.rawmk4	02_26.rawmk4	c20_00.rawmk4
00_38.rawmk4	01_13.rawmk4	01_54.rawmk4	02_29.rawmk4	c20_07.rawmk4
00_41.rawmk4	01_21.rawmk4	01_57.rawmk4	19_47.rawmk4	
00_44.rawmk4	01_24.rawmk4	02_00.rawmk4	19_50.rawmk4	
00_47.rawmk4	01_27.rawmk4	02_03.rawmk4	19_57.rawmk4	