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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

\*\*\*\*\*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

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	