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Mauna Loa Solar Observatory Observer's Log  
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Sun May 7 16:45:49 GMT 2000

Year: 00 Doy: 128

Observer: koon

Sun May 7 16:46:23 GMT 2000 CHIP Startup--Initializing new tape

WEATHER COMMENT: Sun May 7 16:46:43 GMT 2000

Clear sky, wind=5 mph from the SSE, temp=52 F.

Sun May 7 16:51:00 GMT 2000 MKIV Start Patrol

Sun May 7 16:51:11 GMT 2000 PICS Start Patrol

Sun May 7 16:51:13 GMT 2000 CHIP CHIP Start 7 Passband Patrol

\*\*PSPT PROBLEM\*\* : Sun May 7 17:19:36 GMT 2000

Wanted to check dome ephemeris initial pointing since it was off yesterday.

Someone must have jammed the connector in without aligning the prongs because the male side of the computer control connector was pushed into the azimuth controller box and the side of the box was hanging loosely as if someone had tried to work on it. So I fixed the connector and closed the box tightly before further testing. Once again the dome was pointed too far to the South, as if that offset correction was being added instead of subtracted or vice versa. So I set the Dome Ephem to Off and unplugged the computer control cable again. This time of year we go without automatic dome rotation anyway, but that dome ephemeris needs to be fixed or we'll lose data later.

\*\*LOW-L PROBLEM\*\* : Sun May 7 17:31:09 GMT 2000

Crashed yesterday, 0258 5/7/00 UT. Pointed West, no graphics rectangles on screen. Removed L00698 and installed L00700 in drive #1, data going to L00699 in drive #0. Cycled PC power to restart.

Sun May 7 18:02:31 GMT 2000 PICS Flat

Sun May 7 18:05:12 GMT 2000 PICS End Flat

COMMENT: Sun May 7 19:25:25 GMT 2000

Extended the dome slot.

Sun May 7 20:02:17 GMT 2000 CHIP Gain7

Sun May 7 20:10:54 GMT 2000 CHIP End Gain

Sun May 7 20:11:14 GMT 2000 CHIP Bias

Sun May 7 20:12:25 GMT 2000 CHIP End Bias

COMMENT: Sun May 7 20:29:29 GMT 2000

Gave tour to Walt Dabberdt and son-in-law.

\*\*LOW-L PROBLEM\*\* : Sun May 7 20:32:06 GMT 2000

The program is stalling a bit and may be headed for a crash. The time shows 20:27:45, all 3 LEDs on drive #0 are lit, message: tape, tape 0: header.

Maybe it is trying to write a header and will eventually crash. This is the same symptoms of the crash yesterday, and the day before that.

\*\*LOW-L PROBLEM\*\* : Sun May 7 21:23:15 GMT 2000

Indeed the program did finally crash, time still shows 20:27:45, etc.

Restarting by cycling PC power, removed L00699 and installed L00701 in drive #0. So there appears to be a regular problem which causes the program to crash while trying to write a header to a tape in drive #0. Data going

to L00700 in drive #1.

Sun May 7 22:06:17 GMT 2000 PICS End Patrol  
Sun May 7 22:12:52 GMT 2000 CHIP CHIP End Patrol  
Sun May 7 22:14:55 GMT 2000 CHIP ending tape

\*\*PSPT PROBLEM\*\* Sun May 7 22:22:49 GMT 2000

After I selected Shutdown and the telescope was stowed and all that the program tried to guide on the sun and gave error messages as it apparently tried to start those guiding processes. I selected Abort to stop that and then selected Exit to make the control window disappear. Are we supposed to select Abort before Shutdown everytime we end observations for the day?

COMMENT: Sun May 7 22:28:17 GMT 2000

TAPES:

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MKIV: 00-128

CHIP: C01119

PICS: P01740

LOWL: L00699 in drive #0 and L00700 in drive #1.

Sun May 7 22:29:43 GMT 2000

MkIV

16_51.rawmk4	17_59.rawmk4	19_11.rawmk4	20_17.rawmk4	21_25.rawmk4
16_54.rawmk4	18_05.rawmk4	19_14.rawmk4	20_20.rawmk4	21_28.rawmk4
16_57.rawmk4	18_11.rawmk4	19_17.rawmk4	20_23.rawmk4	21_31.rawmk4
17_00.rawmk4	18_14.rawmk4	19_20.rawmk4	20_26.rawmk4	21_34.rawmk4
17_02.rawmk4	18_17.rawmk4	19_23.rawmk4	20_29.rawmk4	21_37.rawmk4
17_05.rawmk4	18_20.rawmk4	19_26.rawmk4	20_32.rawmk4	21_40.rawmk4
17_08.rawmk4	18_23.rawmk4	19_29.rawmk4	20_35.rawmk4	21_44.rawmk4
17_11.rawmk4	18_26.rawmk4	19_31.rawmk4	20_38.rawmk4	21_47.rawmk4
17_14.rawmk4	18_29.rawmk4	19_34.rawmk4	20_41.rawmk4	21_50.rawmk4
17_17.rawmk4	18_32.rawmk4	19_37.rawmk4	20_45.rawmk4	21_53.rawmk4
17_20.rawmk4	18_35.rawmk4	19_40.rawmk4	20_48.rawmk4	21_56.rawmk4
17_23.rawmk4	18_38.rawmk4	19_43.rawmk4	20_51.rawmk4	21_59.rawmk4
17_26.rawmk4	18_41.rawmk4	19_46.rawmk4	20_54.rawmk4	22_02.rawmk4
17_29.rawmk4	18_44.rawmk4	19_49.rawmk4	20_57.rawmk4	22_05.rawmk4
17_32.rawmk4	18_47.rawmk4	19_52.rawmk4	21_00.rawmk4	22_08.rawmk4
17_35.rawmk4	18_50.rawmk4	19_55.rawmk4	21_03.rawmk4	c17_56.rawmk4
17_38.rawmk4	18_53.rawmk4	19_58.rawmk4	21_06.rawmk4	c18_02.rawmk4
17_41.rawmk4	18_56.rawmk4	20_01.rawmk4	21_09.rawmk4	c18_08.rawmk4
17_44.rawmk4	18_59.rawmk4	20_04.rawmk4	21_13.rawmk4	
17_47.rawmk4	19_02.rawmk4	20_07.rawmk4	21_16.rawmk4	
17_50.rawmk4	19_05.rawmk4	20_10.rawmk4	21_19.rawmk4	
17_53.rawmk4	19_08.rawmk4	20_14.rawmk4	21_22.rawmk4	