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Mauna Loa Solar Observatory Observer's Log  
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Sun Feb 20 17:19:42 GMT 2000

Year: 00 Doy: 051

Observer: koon

WEATHER COMMENT: Sun Feb 20 17:20:18 GMT 2000

Medium cirrostratus, wind=5 mph from the SE, temp=40 F.

Sun Feb 20 17:20:50 GMT 2000 CHIP Startup--Initializing new tape

Sun Feb 20 17:26:25 GMT 2000 CHIP CHIP Start 7 Passband Patrol

Sun Feb 20 17:26:25 GMT 2000 CHIP CHIP Start 7 Passband Patrol

COMMENT: Sun Feb 20 17:27:01 GMT 2000

Spar is barely starting to track.

MKIV COMMENT: Sun Feb 20 17:27:16 GMT 2000

Will wait for clouds to clear before starting this.

PSPT COMMENT: Sun Feb 20 17:27:37 GMT 2000

Will wait for clouds to clear before starting this.

Sun Feb 20 18:00:30 GMT 2000 PICS Flat

Sun Feb 20 18:03:00 GMT 2000 PICS End Flat

\*\*CHIP PROBLEM\*\*: Sun Feb 20 19:10:57 GMT 2000

Program stalled with Program: 1082.847 (like always), fixed with  
Cancel Wait command (like always). I'd guess the software is sending  
a string of commands to the tape drive that is conflicting somehow, then  
maybe the program is waiting for a signal from the drive that either came  
at the wrong time for the program to notice it or will never come. It  
always happens at the same place in the program cycle and the program  
stalls waiting for the tape drive in some fashion, I'm not sure if it  
is waiting for a signal or just waiting for a certain amount of time  
but there is another thing that happens at this point in the program  
cycle. Usually the "Crunch" field of the Status window shows:

Crunch: Idle

but at the end of the part of the program cycle that shows:

Program: 1082.847 (where the stall occurs)

the "Crunch" field shows Crunch:0 or Crunch:1

So maybe this "Crunch" operation is affecting the program in a way  
previously mentioned and causing the stall.

Sun Feb 20 20:00:45 GMT 2000 CHIP Gain7

Sun Feb 20 20:09:17 GMT 2000 CHIP End Gain

Sun Feb 20 20:09:24 GMT 2000 CHIP Bias

Sun Feb 20 20:09:59 GMT 2000 CHIP End Bias

Sun Feb 20 21:07:18 GMT 2000 PICS End Patrol

Sun Feb 20 21:14:29 GMT 2000 CHIP CHIP End Patrol

WEATHER COMMENT: Sun Feb 20 21:14:49 GMT 2000

Getting cloudier, Spar not tracking well, shutting down.

Sun Feb 20 21:15:28 GMT 2000 CHIP ending tape

COMMENT: Sun Feb 20 21:17:58 GMT 2000

TAPES:  
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MKIV: Too cloudy for data.

CHIP: C01047

PICS: P01670

LOWL: L00672 in drive #1

Sun Feb 20 21:19:41 GMT 2000

MkIV