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Mauna Loa Solar Observatory Observer's Log  
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Thu Nov 13 17:00:05 GMT 1997

Year: 97 Doy: 317

Observer: koon

WEATHER COMMENT: Thu Nov 13 17:00:09 GMT 1997

Mostly clear sky, wind=5 mph from the South, temp=45 F. The sun is behind a big cloud bank right now, I'll start observing when it gets above that.

Thu Nov 13 17:43:52 GMT 1997 PICS Start Patrol

Thu Nov 13 17:44:01 GMT 1997 MKIII Start Patrol

WEATHER COMMENT: Thu Nov 13 17:44:05 GMT 1997

OK, the thick clouds have cleared away, but it looks like there is some very thin cirrostratus still there. Starting observations.

CHIP COMMENT: Thu Nov 13 17:50:10 GMT 1997

Still waiting for tape to load. There was a tape in the drive but the drive was off since we weren't using the instrument for a while. Now the top LED

is blinking amber and the middle LED is constant green, when I tried to eject the tape it eventually went back to this same state and the tape didn't eject.

CHIP COMMENT: Thu Nov 13 17:58:00 GMT 1997

Top amber light means there is an error or the drive needs to be cleaned, middle LED means there is SCSI activity. I logged out and back in and tried Run again, it said to make the tape ready, but the middle LED went out and the bottom one came on. I tried to eject the tape and the LEDs went back to the first state, I pressed the eject button again and finally the tape settled down so that only the bottom green LED was on, this is normal. So I pressed the eject button one more time and the tape ejected, I checked the tape itself and it was crinkled so I threw it away and cleaned the drive and loaded a different tape. "Run" ran, and I think I'm in business now.

Thu Nov 13 18:12:17 GMT 1997 CHIP Startup--Initializing new tape

Thu Nov 13 18:14:30 GMT 1997 CHIP CHIP Start Patrol

COMMENT: Thu Nov 13 18:52:40 GMT 1997

I was testing the Spar balance for a few minutes, so it was pointed off the sun. It is bouncing quite a bit and needs better balancing.

MKIII COMMENT: Thu Nov 13 19:02:30 GMT 1997

\*\*\*RECYCLED H01681\*\*\*

1997 PICS Flat

CHIP COMMENT: Thu Nov 13 19:02:54 GMT 1997

The image in the display window appears unevenly illuminated in the SE. It has been that way all morning, after the image gets transferred to Boulder I'll talk to David about it.

d Bias

Thu Nov 13 19:04:31 GMT 1997 CHIP Water

Thu Nov 13 19:05:15 GMT 1997 CHIP End Water

Thu Nov 13 19:35:42 GMT 1997 CHIP CHIP End Patrol

CHIP COMMENT: Thu Nov 13 19:39:41 GMT 1997  
Running Spectrum now. I talked to David about the Display window image uneven illumination and he will copy over the image and look at it. Since the Camera window images have looked evenly illuminated this problem may not be due to instrument alignment, I hope.

Thu Nov 13 20:02:19 GMT 1997 PICS Flat  
Thu Nov 13 20:03:40 GMT 1997 PICS End Flat

CHIP COMMENT: Thu Nov 13 20:30:52 GMT 1997  
Spectrum done, restarting Patrol.

CHIP Start Patrol  
Thu Nov 13 20:55:37 GMT 1997 CHIP CHIP End Patrol  
Thu Nov 13 21:02:30 GMT 1997 PICS Flat  
Thu Nov 13 21:03:52 GMT 1997 PICS End Flat

WEATHER COMMENT: Thu Nov 13 21:28:21 GMT 1997  
Orographic clouds are starting to pass over.

CHIP COMMENT: Thu Nov 13 21:33:13 GMT 1997  
Trying to run Focus, but it won't work.

PICS COMMENT: Thu Nov 13 21:33:35 GMT 1997  
Crashed, no Display window, will restart with Kill/Run.

Thu Nov 13 21:42:24 GMT 1997 PICS Start Patrol  
Thu Nov 13 21:56:48 GMT 1997 CHIP CHIP Start Patrol  
Thu Nov 13 22:01:09 GMT 1997 CHIP Bias

PICS COMMENT: Thu Nov 13 22:01:17 GMT 1997  
Crashed again in the same way, its like it is related to the problems with running Focus on Kii. In the cmdtool window are these lines:  
Disk /local/d/Data/Focus/temp write error  
Display exit

and the Display window is gone again. David mentioned that when we tried to run Focus on Kii the data weren't going to disk.

CHIP COMMENT: Thu Nov 13 22:04:47 GMT 1997  
Started up Patrol after several unsuccessful attempts at running Focus. Had to do Kill/Run cycle and kill the Display and Disk tasks as well as a few more I think. I manually set the focus micrometer to 21000 for now. I wonder if the Focus program is trying to communicate with Nene instead of Kii for some reason, see last PICS comment.

Thu Nov 13 22:08:28 GMT 1997 PICS Flat  
PICS COMMENT: Thu Nov 13 22:09:26 GMT 1997

Did a Kill/Run cycle to get it going again.  
Thu Nov 13 22:10:53 GMT 1997 PICS Start Patrol

MKIII COMMENT: Thu Nov 13 22:19:05 GMT 1997  
Stopping due to clouds.

Thu Nov 13 22:43:44 GMT 1997 PICS End Patrol  
Thu Nov 13 22:45:28 GMT 1997 CHIP CHIP End Patrol  
Thu Nov 13 22:49:01 GMT 1997 CHIP ending tape

COMMENT: Thu Nov 13 22:49:13 GMT 1997  
TAPES:

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MKIII: H01682

PICS: P01036

CHIP: C00422, First day back with repaired filter.

LOWL: L00483 in drive #0

Thu Nov 13 22:53:02 GMT 1997

MkIII

17_44.rawmk3	18_39.rawmk3	19_45.rawmk3	20_41.rawmk3	21_36.rawmk3
17_47.rawmk3	18_42.rawmk3	19_48.rawmk3	20_44.rawmk3	21_39.rawmk3
17_50.rawmk3	18_45.rawmk3	19_51.rawmk3	20_47.rawmk3	21_42.rawmk3
17_53.rawmk3	18_48.rawmk3	19_54.rawmk3	20_50.rawmk3	21_45.rawmk3
17_56.rawmk3	18_51.rawmk3	19_57.rawmk3	20_52.rawmk3	21_48.rawmk3
17_58.rawmk3	18_54.rawmk3	20_00.rawmk3	20_55.rawmk3	21_51.rawmk3
18_01.rawmk3	18_57.rawmk3	20_03.rawmk3	20_58.rawmk3	21_54.rawmk3
18_04.rawmk3	19_03.rawmk3	20_06.rawmk3	21_01.rawmk3	21_57.rawmk3
18_07.rawmk3	19_09.rawmk3	20_09.rawmk3	21_04.rawmk3	22_00.rawmk3
18_10.rawmk3	19_16.rawmk3	20_12.rawmk3	21_07.rawmk3	22_03.rawmk3
18_13.rawmk3	19_19.rawmk3	20_14.rawmk3	21_10.rawmk3	22_06.rawmk3
18_16.rawmk3	19_22.rawmk3	20_17.rawmk3	21_13.rawmk3	22_08.rawmk3
18_19.rawmk3	19_25.rawmk3	20_20.rawmk3	21_16.rawmk3	22_11.rawmk3
18_22.rawmk3	19_28.rawmk3	20_23.rawmk3	21_19.rawmk3	22_14.rawmk3
18_25.rawmk3	19_31.rawmk3	20_26.rawmk3	21_22.rawmk3	22_17.rawmk3
18_28.rawmk3	19_34.rawmk3	20_29.rawmk3	21_25.rawmk3	c19_00.rawmk3
18_31.rawmk3	19_36.rawmk3	20_32.rawmk3	21_28.rawmk3	c19_06.rawmk3
18_34.rawmk3	19_39.rawmk3	20_35.rawmk3	21_30.rawmk3	c19_13.rawmk3
18_36.rawmk3	19_42.rawmk3	20_38.rawmk3	21_33.rawmk3	