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Mauna Loa Solar Observatory Observer's Log  
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Sat Oct 25 17:02:06 GMT 1997

Year: 97 Doy: 298

Observer: koon

WEATHER COMMENT: Sat Oct 25 17:02:35 GMT 1997

Medium cirrostratus, wind=10 mph from the SE, temp=42 F.

MKIII COMMENT: Sat Oct 25 17:03:26 GMT 1997

Tried resetting the KCC right after turning on main power switch but I still got the series of "No drive detected" messages on the Akamai window, until I reset the KCC again. I started the scans before I typed in Run, I hope that doesn't cause any problem.

Sat Oct 25 17:06:04 GMT 1997 PICS Start Patrol

MKIII COMMENT: Sat Oct 25 17:13:37 GMT 1997

Recycling tapes H01673 and H01674 and sending H01675 to Boulder with regular tape shipment, as requested by Alice.

Sat Oct 25 18:01:28 GMT 1997 PICS Flat

Sat Oct 25 18:02:59 GMT 1997 PICS End Flat

Sat Oct 25 19:01:29 GMT 1997 PICS Flat

Sat Oct 25 19:02:54 GMT 1997 PICS End Flat

WEATHER COMMENT: Sat Oct 25 19:10:35 GMT 1997

Cirrostratus keeps getting thicker.

MKIII COMMENT: Sat Oct 25 19:10:52 GMT 1997

Haven't got any data so far due to clouds.

PICS COMMENT: Sat Oct 25 19:11:22 GMT 1997

Getting disk images, but not limb images.

MKIII COMMENT: Sat Oct 25 19:49:17 GMT 1997

I took apart the new tape drive enclosure and checked the cable connections, they looked good. Since I'm not getting data due to clouds I will stop the Patrol and try the new drive with a new, unused tape. The info on the drive says it will only read in 8200 tape format, but will read and write in 8500 and 8500c formats. So if these drives are like the Lowl drives then they will write in the format that the used tape header was originally set to, maybe that was 8200 format and the drives are getting confused. So maybe a new tape will allow these drives to write in their default tape format.

Sat Oct 25 19:58:50 GMT 1997 MKIII Start Patrol

Sat Oct 25 20:01:29 GMT 1997 PICS Flat

Sat Oct 25 20:02:53 GMT 1997 PICS End Flat

MKIII COMMENT: Sat Oct 25 20:05:57 GMT 1997

I have started up Patrol with one of the new tape drives, minus the active terminator, and with a new, unused data tape. There was a Tape write error 0 wrote 615 records after the first scan, but so far the second and third scans gave no error messages.

MKIII COMMENT: Sat Oct 25 20:32:21 GMT 1997

I have been getting those long lists of Tape write error 0 messages for around the last 8 scans or so. I'm trying to see if any other useful

messages are also in those lists.

MKIII COMMENT: Sat Oct 25 20:35:03 GMT 1997

No other unusual messages in those error message lists.

MKIII COMMENT: Sat Oct 25 20:42:59 GMT 1997

It is interesting that although I got all those error messages which is something new to me, when I did an End Day the tape eventually was popped out of the drive which is also different. The last errors I remember on the new drives were the tape not popping out at after doing End Day, and the Write field on the KCP staying green.

Sat Oct 25 21:01:23 GMT 1997 PICS Flat

Sat Oct 25 21:02:43 GMT 1997 PICS End Flat

MKIII COMMENT: Sat Oct 25 21:44:50 GMT 1997

I reinstalled the spare drive for future use.

MKIII COMMENT: Sat Oct 25 21:48:47 GMT 1997

When cycling power to KCC to change back to the spare drive I didn't get any "No tape detected" messages even without resetting the KCC quickly. Maybe because the tape was already getting loaded when I turned on the KCC.

MKIII COMMENT: Sat Oct 25 21:53:55 GMT 1997

I tried ejecting the tape from the spare drive and closing the door, then cycled the KCC power. Eventually it started giving its "... tape not present" messages. So I installed a tape but the messages kept coming instead of stopping. Then I tried turning off both the drive and the KCC and turning them back on at exactly the same time, like what happens in the morning when we turn on the single power switch. This time I kept getting the familiar "No MkIII tape unit detected" messages. So then I tried turning them both off again and back on at exactly the same time again, but then I pressed the Reset button on the KCC as quickly as I could and this time there wasn't any of those tape messages at all. Then the funny thing, I repeated both those last two procedures (with and without the KCC reset) and both times there wasn't any tape messages. So I wondered if End Day had something to do with those messages appearing the next morning. I then did an End Day and turned off the drive and KCC and turned them on at the same time and eventually got the "No MkIII tape unit detected". So I did an End Day again and turned off the drive and the KCC, but this time after turning them both on at the same time I quickly pressed the KCC reset button, and this time I did get the "No MkIII tape unit detected" messages, just like I did this morning. So it looks like something happens after doing an End Day that causes us to have to start up the KCC after the tape drive to avoid those messages, I'm not sure how long after the tape drive starts that we should reset the KCC but it needs to be done unless something (possibly in End Day) gets modified. One thing End Day does is to point the barrel to 360 degrees. How about putting a time delay in the KCC code? Maybe 10 seconds? So that the tape drive gets going first.

Sat Oct 25 22:46:23 GMT 1997 PICS End Patrol

COMMENT: Sat Oct 25 22:49:38 GMT 1997

TAPES:

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PICS: P01020

LOWL: L00479 in drive #1

MKIII: Too cloudy recycling the tape.

CHIP: Down for filter repair.

Sat Oct 25 22:51:49 GMT 1997

MkIII

17_00.rawmk3	17_44.rawmk3	18_28.rawmk3	19_12.rawmk3	20_05.rawmk3
17_03.rawmk3	17_47.rawmk3	18_31.rawmk3	19_15.rawmk3	20_07.rawmk3
17_06.rawmk3	17_50.rawmk3	18_34.rawmk3	19_18.rawmk3	20_10.rawmk3
17_09.rawmk3	17_53.rawmk3	18_37.rawmk3	19_21.rawmk3	20_13.rawmk3
17_12.rawmk3	17_56.rawmk3	18_40.rawmk3	19_24.rawmk3	20_16.rawmk3
17_15.rawmk3	17_59.rawmk3	18_43.rawmk3	19_27.rawmk3	20_19.rawmk3
17_18.rawmk3	18_02.rawmk3	18_46.rawmk3	19_30.rawmk3	20_22.rawmk3
17_21.rawmk3	18_05.rawmk3	18_49.rawmk3	19_32.rawmk3	20_25.rawmk3
17_24.rawmk3	18_08.rawmk3	18_52.rawmk3	19_35.rawmk3	20_28.rawmk3
17_27.rawmk3	18_11.rawmk3	18_54.rawmk3	19_38.rawmk3	20_31.rawmk3
17_30.rawmk3	18_14.rawmk3	18_57.rawmk3	19_41.rawmk3	20_34.rawmk3
17_33.rawmk3	18_17.rawmk3	19_00.rawmk3	19_44.rawmk3	20_37.rawmk3
17_36.rawmk3	18_19.rawmk3	19_03.rawmk3	19_47.rawmk3	
17_39.rawmk3	18_22.rawmk3	19_06.rawmk3	19_58.rawmk3	
17_41.rawmk3	18_25.rawmk3	19_09.rawmk3	20_02.rawmk3	