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Mauna Loa Solar Observatory Observer's Log  
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Wed Jul 1 16:53:05 GMT 1998

Year: 98 Doy: 182

Observer: koon

WEATHER COMMENT: Wed Jul 1 16:53:24 GMT 1998

Medium cirrostratus overcast, wind=5 mph from the West, temp=52 F.

Wed Jul 1 16:55:35 GMT 1998 CHIP Startup--Initializing new tape

Wed Jul 1 16:59:20 GMT 1998 PICS Start Patrol

Wed Jul 1 16:59:20 GMT 1998 PICS Start Patrol

MKIII COMMENT: Wed Jul 1 17:00:48 GMT 1998

Will wait for clouds to clear before starting this one.

PSPT COMMENT: Wed Jul 1 17:01:12 GMT 1998

Will wait for clouds to clear before starting this one.

Wed Jul 1 17:02:19 GMT 1998 PICS Flat

Wed Jul 1 17:03:36 GMT 1998 CHIP Bias

Wed Jul 1 17:03:44 GMT 1998 PICS End Flat

Wed Jul 1 17:04:50 GMT 1998 CHIP End Bias

Wed Jul 1 17:04:58 GMT 1998 CHIP Water

Wed Jul 1 17:05:38 GMT 1998 CHIP End Water

LOW-L COMMENT: Wed Jul 1 17:13:15 GMT 1998

L00527 popped out of Test Drive #1 as it should have. Cleaned the drive and installed L00529 there.

Wed Jul 1 18:02:09 GMT 1998 PICS Flat

Wed Jul 1 18:03:16 GMT 1998 CHIP Bias

Wed Jul 1 18:03:33 GMT 1998 PICS End Flat

Wed Jul 1 18:04:29 GMT 1998 CHIP End Bias

Wed Jul 1 18:04:37 GMT 1998 CHIP Water

Wed Jul 1 18:05:13 GMT 1998 CHIP End Water

\*\*MLSO PROBLEM\*\*: Wed Jul 1 18:27:27 GMT 1998

There was a brief, total power outage at around 1815. It lasted about two seconds and turned off all the observing programs, I'm still in the process of recovering.

Wed Jul 1 18:33:46 GMT 1998 PICS Start Patrol

PICS COMMENT: Wed Jul 1 18:34:47 GMT 1998

Up and running with new tape.

LOW-L COMMENT: Wed Jul 1 18:35:31 GMT 1998

Up and running, saved new tape with 2 or 3 files on it. Moved L00528 from Test Drive #1 to drive #0, data are going to that drive, installed L00529 in Test Drive #1.

\*\*CHIP PROBLEM\*\*: Wed Jul 1 18:38:13 GMT 1998

Didn't boot up OK, getting error messages constantly scrolling across the screen. It looks like trouble reading from the hard disk.

GONG COMMENT: Wed Jul 1 18:41:05 GMT 1998

GONG instrument recovered nicely or wasn't affected due to its UPS.

COMMENT: Wed Jul 1 18:41:47 GMT 1998

I just did a Scintillometer data disk backup before the crash, so I got

lucky there and didn't get any crash or lose data since the program will wait until tomorrow to start again.

**\*\*CHIP PROBLEM\*\***: Wed Jul 1 18:52:27 GMT 1998

Tried doing STOP-A during error messages, that will get me to the PROM Monitor, but after typing sync there is an automatic reboot and eventually the same endless list of the same error messages scrolling by. The messages start just after the part of the normal bootup screen message:

Starting ACOS shared memory

PICS COMMENT: Wed Jul 1 18:57:39 GMT 1998

Paused the program and rebooted the MCC to see if that helps the CHIP problem.

PICS COMMENT: Wed Jul 1 19:13:08 GMT 1998

Restarted the Patrol.

**\*\*CHIP PROBLEM\*\***: Wed Jul 1 19:13:18 GMT 1998

Still can't get beyond the error messages in the bootup.

Wed Jul 1 19:48:42 GMT 1998 MKIII Start Patrol

MKIII COMMENT: Wed Jul 1 19:48:51 GMT 1998

Starting Patrol since there are clear spots between the clouds.

Wed Jul 1 20:00:28 GMT 1998 PICS Flat

Wed Jul 1 20:02:04 GMT 1998 PICS End Flat

**\*\*MKIII PROBLEM\*\***: Wed Jul 1 20:41:19 GMT 1998

The barrel was oscillating between 275 and 277, not rotating as usual. The KCP was frozen, I couldn't use the mouse to stop the Patrol, so I reset the KCC. Selected Idle to get the barrel to stop, it started rotating at KCC reboot.

**\*\*MKIII PROBLEM\*\***: Wed Jul 1 21:13:17 GMT 1998

Scans are working correctly but the data looks real bad, like maybe the correctors are bad, but the sky is cloudy so I can't tell for sure. I'll stop the Patrol for today and see how the scans look tomorrow. No data for today.

**\*\*CHIP PROBLEM\*\***: Wed Jul 1 21:38:40 GMT 1998

I sent a message to "trouble" regarding the possible hard disk problem. Kitty Ferguson called me and together we were able to determine that there are two Hard Disk Drives on Kii, and that the one that has local and local/d is the bad one. We set things up so that the bad disk was bypassed so I could reboot the computer, now Kitty will remotely check out the disk and file system and let us know what she finds. At least the boot disk was OK so it may be that we can get things fixed without sending the entire sparcstation to Boulder for installation of a new Operating System.

COMMENT: Wed Jul 1 22:39:17 GMT 1998

TAPES:

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PICS: P01231 and P01232

CHIP: C00626

LOWL: L00528 and L00529 in drive #0

Wed Jul 1 22:40:46 GMT 1998

MkIII

19_48.rawmk3	21_07.rawmk3	21_19.rawmk3	21_31.rawmk3
19_51.rawmk3	21_10.rawmk3	21_22.rawmk3	21_34.rawmk3
21_01.rawmk3	21_13.rawmk3	21_25.rawmk3	21_37.rawmk3
21_04.rawmk3	21_16.rawmk3	21_28.rawmk3	21_39.rawmk3