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Mauna Loa Solar Observatory Observer's Log  
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Thu Jun 26 16:37:00 GMT 1997

Year: 97 Doy: 177

Observer: yasukawa

WEATHER COMMENT: Thu Jun 26 16:37:04 GMT 1997

Cold, in broken clouds and groundfog, light southeast wind.

Keeping dome closed for now.

COMMENT: Thu Jun 26 16:38:22 GMT 1997

kii/nene came up wierd this morning. MCC monitor did not come up, although the usual accompanying symptom of the fault leds on the MCC was different--they were off. Wiggled the connectors between MCC and processors and reset MCC. This time monitor came to life. Kii went thru a reboot when I logged in. This was also an anomaly. Logged in again when boot sequence was done.

Thu Jun 26 16:42:14 GMT 1997 CHIP Startup--Initializing new tape

COMMENT: Thu Jun 26 16:42:54 GMT 1997

Did GONG weekly preventive maintenance before coming up since site was fogged in. GONG xterm not connecting with shelter. May be related to the network problems we have been having.

COMMENT: Thu Jun 26 16:55:24 GMT 1997

Apparently network is down. Cannot Ping NOAA's mountain server. JPL folks are on site so they may be messing with system trying to fix their problem that has been hosing the network.

MKIII COMMENT: Thu Jun 26 18:00:06 GMT 1997

Al Kai, DEC engineer arrived on site to work on PDP 11/44.

MKIII COMMENT: Thu Jun 26 18:46:39 GMT 1997

OK! Good news and bad news! Al got the system back up. There was a bad memory board. Bad news is it looks like our system disk and the back-up disk got hosed. Al thinks that if FORTH works like UNIX, memory writes back to the disk when we shut down. If the memory contains garbage, then garbage gets written to disk, including to boot area.

Unable to boot off of system disk and backup which was used while troubleshooting. Used last resort system disk that contains 1992 version of system software. I will check software revision documents to see what was changed since 1992. If there are only a couple of blocks revised, then I will not have to reconnect the TS-11 to make a disk copy off of 1996 tape backup of system disk.

MKIII COMMENT: Thu Jun 26 22:58:23 GMT 1997

Made one system disk and two backup copies off of tape after reconnecting TS11 to system. software on tape was 2/4/96 version, no system changes were made since then. Managed to load current PEEK off of damaged disk to new system disk and backups.

Tested system as much as possible with the no-sun conditions.

Apparently working OK.

NEED TO RUN CORRECT next good observing day as soon as the sky stops

changing real fast, like after 1800 UT. Data won't be valid until correction is done as the corrector tables on the new disk was established before 2/4/96.

COMMENT: Thu Jun 26 23:05:18 GMT 1997

Network problem fixed after around 1900 UT. JPL fixed their problem by swapping the tranceiver out of the temporary (contractor's) building. In checking things out they had swapped a whole bunch of connectors on NOAA's fiber optics hub and left them that way. Darryl Kuniyuki had to sort things out and reconnect the lines to the proper ports.

COMMENT: Thu Jun 26 23:08:18 GMT 1997

No observations today. We remained in drizzle and fog all day.

LOWL: L00461

Thu Jun 26 23:09:15 GMT 1997      CHIP      ending tape