Mauna Loa Solar Observatory Observer's Log ______ Tue Jul 1 16:52:12 GMT 1997 Year: 97 Doy: 182 Observer: koon WEATHER COMMENT: Tue Jul 1 16:52:18 GMT 1997 Thin to medium cirrostratus, wind=5 mph from the SE, temp=49 F. Tue Jul 1 16:52:57 GMT 1997 Startup--Initializing new tape CHIP Tue Jul 1 16:56:05 GMT 1997 dPMon Start Patrol Tue Jul 1 16:56:09 GMT 1997 CHIP CHIP Start Patrol COMMENT: Tue Jul 1 16:59:21 GMT 1997 Reset the OCP clock, it showed the date as 7/2 instead of 7/1. Tue Jul 1 17:02:59 GMT 1997 dPMon Flat Tue Jul 1 17:03:03 GMT 1997 CHIP Bias Tue Jul 1 17:03:53 GMT 1997 dPMon End Flat Tue Jul 1 17:03:50 GMT 1997 End Bias CHIP Tue Jul 1 17:03:58 GMT 1997 CHIP Water Tue Jul 1 17:04:29 GMT 1997 CHIP End Water Tue Jul 1 18:02:04 GMT 1997 CHIP Bias Tue Jul 1 18:02:57 GMT 1997 End Bias CHIP Tue Jul 1 18:03:09 GMT 1997 Flat dPMon CHIP Tue Jul 1 18:03:07 GMT 1997 Water Tue Jul 1 18:03:39 GMT 1997 End Water CHIP Tue Jul 1 18:04:09 GMT 1997 End Flat dPMon COMMENT: Tue Jul 1 18:30:53 GMT 1997 Transferred the Scintillometer data to disk, will mail to Jim Mason. DPMON COMMENT: Tue Jul 1 18:39:20 GMT 1997 Stalled with Optics:Pend, restarted with Kill/Run. Tue Jul 1 18:39:59 GMT 1997 dPMon End Patrol Tue Jul 1 18:42:20 GMT 1997 dPMon Start Patrol Tue Jul 1 19:00:58 GMT 1997 dPMon Flat Tue Jul 1 19:01:13 GMT 1997 CHIP Bias Tue Jul 1 19:01:54 GMT 1997 dPMon End Flat Tue Jul 1 19:02:07 GMT 1997 CHIP End Bias Tue Jul 1 19:02:17 GMT 1997 CHIP Water Tue Jul 1 19:02:55 GMT 1997 CHIP End Water Tue Jul 1 20:00:59 GMT 1997 dPMon Flat Tue Jul 1 20:01:03 GMT 1997 CHIP Gain Tue Jul 1 20:01:55 GMT 1997 dPMon End Flat COMMENT: Tue Jul 1 20:03:08 GMT 1997 Leslie from Isemoto construction was up here getting information so they can make a bid on building the new addition. I showed him around and answered some questions. Tue Jul 1 20:05:16 GMT 1997 CHIP End Gain Tue Jul 1 20:05:26 GMT 1997 CHIP Bias

Tue Jul 1 20:06:07 GMT 1997 CHIP End Bias Tue Jul 1 20:06:16 GMT 1997 CHIP Water

Tue Jul 1 20:06:45 GMT 1997 CHIP End Water WEATHER COMMENT: Tue Jul 1 20:20:21 GMT 1997 Cirrostratus keeps getting thicker. COMMENT: Tue Jul 1 20:28:26 GMT 1997 Extended the dome slot. COMMENT: Tue Jul 1 20:37:56 GMT 1997 I can't get to Boulder on the network, but CHIP and dPMon are running OK. Tue Jul 1 21:00:57 GMT 1997 dPMon Flat Tue Jul 1 21:01:02 GMT 1997 CHIP Bias Tue Jul 1 21:01:47 GMT 1997 End Bias CHIP Tue Jul 1 21:01:54 GMT 1997 End Flat dPMon Tue Jul 1 21:01:54 GMT 1997 CHIP Water Tue Jul 1 21:02:36 GMT 1997 CHIP End Water COMMENT: Tue Jul 1 21:52:41 GMT 1997 NOAA has a suspected bad transceiver, thats what is causing our network problem. I was down there trying out our spare transceiver but it didn't work. I'm not sure if our spare transceiver works so I will go back down today after observing and try out one of our transceivers that I know works. Tue Jul 1 22:03:05 GMT 1997 CHIP Bias Tue Jul 1 22:03:56 GMT 1997 CHIP End Bias Tue Jul 1 22:04:03 GMT 1997 CHIP Water Tue Jul 1 22:04:37 GMT 1997 CHIP End Water Tue Jul 1 22:06:45 GMT 1997 End Patrol dPMon DPMON COMMENT: Tue Jul 1 22:06:41 GMT 1997 Stalled with Optics: Pend, fixed with Kill/Run. Tue Jul 1 22:10:42 GMT 1997 CHIP CHIP End Patrol COMMENT: Tue Jul 1 22:09:04 GMT 1997 Activity report: QP: 125-140; 220; 295-310. TAPES:

MKIII: Still down with a computer problem.

DPMON: P00925 CHIP: C00346

LOWL: L00462 in drive #1