Mauna Loa Solar Observatory Observer's Log ______ Mon Apr 10 16:30:44 GMT 2000 Year: 00 Doy: 101 Observer: yasukawa WEATHER COMMENT: Mon Apr 10 16:33:05 GMT 2000 Cool, clear, brisk south wind. Mon Apr 10 16:33:58 GMT 2000 CHIP Startup--Initializing new tape Mon Apr 10 16:37:54 GMT 2000 PTCS Start Patrol Mon Apr 10 16:38:19 GMT 2000 CHIP CHIP Start 7 Passband Patrol Mon Apr 10 16:41:09 GMT 2000 Start Patrol MKIV Mon Apr 10 18:03:43 GMT 2000 PICS Flat Mon Apr 10 18:06:21 GMT 2000 End Flat PICS GONG COMMENT: Mon Apr 10 18:17:29 GMT 2000 Going down to GONG to do weekly PM. GONG COMMENT: Mon Apr 10 18:35:43 GMT 2000 Back from GONG. **MKIV PROBLEM**: Mon Apr 10 18:35:53 GMT 2000 KCC images hosed, so are xanim images. Checking things out. **MKIV PROBLEM**: Mon Apr 10 18:41:27 GMT 2000 Opal and tilt plate looked OK on physical inspection. Mon Apr 10 18:47:14 GMT 2000 MKIV Start Patrol **MKIV PROBLEM**: Mon Apr 10 18:51:34 GMT 2000 I can see brightness change on monitor scope when I open and close the dark shutter. **MKIV PROBLEM**: Mon Apr 10 18:54:18 GMT 2000 Cal 15 looks OK. Just realized what this fire drill is all about! In thin cirrus!! COMMENT: Mon Apr 10 19:06:35 GMT 2000 Stopping to reconfigure dome shutter. Mon Apr 10 19:07:18 GMT 2000 PICS End Patrol Mon Apr 10 19:09:39 GMT 2000 CHIP CHIP End Patrol MKIV COMMENT: Mon Apr 10 19:15:32 GMT 2000 Waiting for cirrus to clear before restarting MKIV. Apr 10 19:15:28 GMT 2000 PICS Start Patrol Mon Apr 10 20:03:12 GMT 2000 Gain7 CHIP Mon Apr 10 20:11:44 GMT 2000 CHIP End Gain Mon Apr 10 20:11:55 GMT 2000 CHIP Bias Mon Apr 10 20:12:51 GMT 2000 CHIP End Bias WEATHER COMMENT: Mon Apr 10 20:42:00 GMT 2000 Scattered orographic clouds coming upslope. **PSPT PROBLEM**: Mon Apr 10 21:05:42 GMT 2000 PSPT worked fine thru 2000 UT series. It is now 2106 and it did not start up for a 2100 UT series. WEATHER COMMENT: Mon Apr 10 21:25:44 GMT 2000

Orographic clouds all around station now. **PSPT PROBLEM**: Mon Apr 10 21:26:03 GMT 2000 Since clouds were around, I decided to end PSPT operations so It won't chase clouds. Typed "e". Sparcstation was unresponsive--crashed-- which is probably why it did not start up at 2100 UT. WEATHER COMMENT: Mon Apr 10 21:35:55 GMT 2000 In orographic clouds. Mon Apr 10 21:37:23 GMT 2000 PICS End Patrol Mon Apr 10 21:37:42 GMT 2000 CHIP CHIP End Patrol Mon Apr 10 21:44:35 GMT 2000 CHIP ending tape COMMENT: Mon Apr 10 21:48:30 GMT 2000 Tapes: MKIV: 00-101 PICS: P01717 CHIP: C01097 LOWL: L00690 in drive #1 **PSPT PROBLEM**: Mon Apr 10 21:52:28 GMT 2000 Randy does not think crash is an IDL problem. He is checking out what

Randy does not think crash is an IDL problem. He is checking out what he calls "fritzware". Meanwhile, I rebooted the sparc after determining that nothing in the xterm window responded except mouse arrow moved thru or over it. Upon restarting to close the system down, archive was full so I loaded a tape and system is doing an overvight transfer to tape. Shut down due to overcast.

Mon Apr 10 21:56:31 GMT 2000

 ${\tt MkIV}$

| 16_41.rawmk4 | 17_10.rawmk4 | 17_40.rawmk4 | 18_19.rawmk4 | 19_02.rawmk4 |
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| 16_44.rawmk4 | 17_13.rawmk4 | 17_43.rawmk4 | 18_22.rawmk4 | 19_05.rawmk4 |
| 16_47.rawmk4 | 17_16.rawmk4 | 17_46.rawmk4 | 18_25.rawmk4 | 19_08.rawmk4 |
| 16_50.rawmk4 | 17_19.rawmk4 | 17_49.rawmk4 | 18_28.rawmk4 | c18_04.rawmk4 |
| 16_53.rawmk4 | 17_22.rawmk4 | 17_52.rawmk4 | 18_31.rawmk4 | c18_10.rawmk4 |
| 16_56.rawmk4 | 17_25.rawmk4 | 17_55.rawmk4 | 18_34.rawmk4 | c18_16.rawmk4 |
| 16_59.rawmk4 | 17_28.rawmk4 | 17_58.rawmk4 | 18_37.rawmk4 | c18_53.rawmk4 |
| 17_02.rawmk4 | 17_31.rawmk4 | 18_01.rawmk4 | 18_47.rawmk4 | |
| 17_04.rawmk4 | 17_34.rawmk4 | 18_07.rawmk4 | 18_50.rawmk4 | |
| 17_07.rawmk4 | 17_37.rawmk4 | 18_13.rawmk4 | 18_56.rawmk4 | |