Mauna Loa Solar Observatory Observer's Log ______ Tue Jul 23 16:15:32 GMT 2002 Year: 02 Doy: 204 Observer: yasukawa WEATHER COMMENT: Tue Jul 23 16:15:39 GMT 2002 Cool, clear, light southeast breeze. Tue Jul 23 16:26:08 GMT 2002 CHIP Start Patrol Tue Jul 23 16:26:13 GMT 2002 MKTV Start Patrol Tue Jul 23 16:26:13 GMT 2002 PICS Start Patrol **PSPT PROBLEM**: Tue Jul 23 16:40:12 GMT 2002 Dome pointed OK at startup. Guider was around 1/2 diameter off. This is probably due to yesterday's reset of pspt.exe. Running a gdr ephmcal routine before restarting up and starting daily observation. PSPT COMMENT: Tue Jul 23 16:57:53 GMT 2002 Starting observations. Daily Obs started after re-running Start-up program. Tue Jul 23 18:01:44 GMT 2002 MKIV Start Cal Tue Jul 23 18:01:48 GMT 2002 Flat PICS GONG COMMENT: Tue Jul 23 18:02:06 GMT 2002 Going down to GONG to do weekly PM. Tue Jul 23 18:04:58 GMT 2002 PICS End Flat Tue Jul 23 18:20:27 GMT 2002 End Cal MKIV Tue Jul 23 18:20:38 GMT 2002 MKIV Start Patrol GONG COMMENT: Tue Jul 23 18:24:20 GMT 2002 Back from GONG. **** EVENT COMMENT ****: Tue Jul 23 18:40:59 GMT 2002 active region on north limb between PA 345-10. There is a faint, but large cloud of material moving across the disk in that region before the material appears above the limb. The faint cloud of material appears to have originated from large filament that was visible on the limb yesterday in the northwest quadrant. Tue Jul 23 19:02:44 GMT 2002 CHIP LSD Tue Jul 23 19:05:01 GMT 2002 CHIP End LSD Tue Jul 23 19:05:14 GMT 2002 CHIP BiasLSD Tue Jul 23 19:06:11 GMT 2002 CHIP End BiasLSD Tue Jul 23 19:06:27 GMT 2002 CHIP Bias Tue Jul 23 19:07:23 GMT 2002 End Bias CHIP Tue Jul 23 20:18:43 GMT 2002 CHIP End Patrol Tue Jul 23 20:18:57 GMT 2002 PICS End Patrol COMMENT: Tue Jul 23 20:24:22 GMT 2002 Reconfigured dome shutter. Tue Jul 23 20:24:49 GMT 2002 CHIP Start Patrol Tue Jul 23 20:25:00 GMT 2002 PICS Start Patrol Tue Jul 23 20:25:24 GMT 2002 MKTV Start Patrol **PSPT PROBLEM**: Tue Jul 23 22:01:51 GMT 2002

[&]quot;dead stick" stall at 2150 UT. Gui message: T21:51:12 clr CaK ---

```
hope to help hang
PC at CLR CAK
Killed runPspt.pro, Restarted Pspt, ran Shut Down.
Dome did not go to stow position. hit Enter on PC to continue withshutdown,
ran "dome got 7000" to stow dome.
Tue Jul 23 22:08:09 GMT 2002
                                          End Patrol
                                 CHIP
Tue Jul 23 22:08:46 GMT 2002
                                 PICS
                                          End Patrol
Tue Jul 23 22:11:47 GMT 2002
                                         End Patrol
                                 MKIV
Tue Jul 23 22:15:20 GMT 2002
        MkIV
16 26.rawmk4
                                              20 09.rawmk4
               17 37.rawmk4
                               18 58.rawmk4
                                                              21 21.rawmk4
16 29.rawmk4
               17 40.rawmk4
                               19 01.rawmk4
                                              20 12.rawmk4
                                                              21 24.rawmk4
16_32.rawmk4
               17 42.rawmk4
                               19 04.rawmk4
                                              20 15.rawmk4
                                                              21 27.rawmk4
16 35.rawmk4
               17 45.rawmk4
                               19 07.rawmk4
                                              20 18.rawmk4
                                                              21 30.rawmk4
16 38.rawmk4
               17 48.rawmk4
                               19 10.rawmk4
                                              20 21.rawmk4
                                                              21 33.rawmk4
16 41.rawmk4
               17 51.rawmk4
                               19 13.rawmk4
                                              20 25.rawmk4
                                                              21 36.rawmk4
16 44.rawmk4
               17 54.rawmk4
                               19 16.rawmk4
                                              20 28.rawmk4
                                                              21 39.rawmk4
16 46.rawmk4
               17 57.rawmk4
                               19 19.rawmk4
                                              20 31.rawmk4
                                                              21 42.rawmk4
16_49.rawmk4
               18_04.rawmk4
                               19_22.rawmk4
                                              20_34.rawmk4
                                                              21_44.rawmk4
16_52.rawmk4
               18_10.rawmk4
                               19_25.rawmk4
                                              20_37.rawmk4
                                                              21_47.rawmk4
16 55.rawmk4
               18 17.rawmk4
                               19 28.rawmk4
                                              20 40.rawmk4
                                                              21 50.rawmk4
16_58.rawmk4
               18_20.rawmk4
                               19_31.rawmk4
                                              20_43.rawmk4
                                                              21_53.rawmk4
17 01.rawmk4
               18 23.rawmk4
                               19 34.rawmk4
                                              20 46.rawmk4
                                                              21 56.rawmk4
               18 26.rawmk4
                                                              21 59.rawmk4
17 04.rawmk4
                               19 37.rawmk4
                                              20 49.rawmk4
17 07.rawmk4
               18 29.rawmk4
                               19 40.rawmk4
                                              20 51.rawmk4
                                                              22 02.rawmk4
17 10.rawmk4
               18 32.rawmk4
                               19 43.rawmk4
                                              20 54.rawmk4
                                                              22_05.rawmk4
17 13.rawmk4
               18 35.rawmk4
                               19 45.rawmk4
                                              20 57.rawmk4
                                                              22 08.rawmk4
17_16.rawmk4
               18_38.rawmk4
                               19_48.rawmk4
                                              21_00.rawmk4
                                                              c18_01.rawmk4
17_19.rawmk4
               18_41.rawmk4
                               19_51.rawmk4
                                              21_03.rawmk4
                                                              c18_07.rawmk4
17_22.rawmk4
               18 44.rawmk4
                               19 54.rawmk4
                                              21 06.rawmk4
                                                              c18 13.rawmk4
17_25.rawmk4
               18_47.rawmk4
                               19_57.rawmk4
                                              21_09.rawmk4
               18_50.rawmk4
17_28.rawmk4
                               20 00.rawmk4
                                              21_12.rawmk4
17 31.rawmk4
               18 52.rawmk4
                               20 03.rawmk4
                                              21 15.rawmk4
17_34.rawmk4
               18 55.rawmk4
                               20_06.rawmk4
                                              21 18.rawmk4
```