```
Mauna Loa Solar Observatory Observer's Log
 ______
       Wed Nov 3 16:51:42 GMT 2004
Year: 04 Doy: 308
Observer: yasukawa
Wed Nov 3 16:57:05 GMT 2004
                              CHIP
                                      Start Patrol
Wed Nov 3 16:57:19 GMT 2004
                             PICS
                                      Start Patrol
WEATHER COMMENT: Wed Nov 3 16:58:43 GMT 2004
In cirrostratus overcast, S wind 10 mph, temp 43 F.
end
ECHO COMMENT: Wed Nov 3 17:02:08 GMT 2004
Time OK.
end
PSPT COMMENT: Wed Nov 3 17:03:08 GMT 2004
starting up.
end
A NEW TAPE HAS BEEN PUT INTO KAIEE DLT DRIVE, Wed Nov 3 17:07:55 GMT 2004
PSPT COMMENT: Wed Nov 3 17:14:25 GMT 2004
Observing.
___end___
Wed Nov 3 18:00:58 GMT 2004
                              CHIP
                                      LSD
Wed Nov 3 18:01:29 GMT 2004
                             PICS
                                      Flat
Wed Nov 3 18:02:46 GMT 2004
                             CHIP
                                      End LSD
Wed Nov 3 18:02:52 GMT 2004
                             CHIP
                                      BiasLSD
Wed Nov 3 18:03:42 GMT 2004
                                      End BiasLSD
                             CHIP
Wed Nov 3 18:03:46 GMT 2004
                                      End Flat
                             PICS
Wed Nov 3 18:03:50 GMT 2004
                             CHIP
                                      Bias
Wed Nov 3 18:03:53 GMT 2004
                             PICS
                                      ReStart Patrol
Wed Nov 3 18:04:42 GMT 2004
                                      End Bias
                             CHIP
Wed Nov 3 18:04:47 GMT 2004
                             CHTP
                                      ReStart Patrol
PSPT COMMENT: Wed Nov 3 18:16:22 GMT 2004
Aborted Daily Obs, exited gui, exited IDL Pspt process.
Restarted Pspt, restarted Daily Obs.
Alice loaded revised code to speed up program which was running rather slow.
  end
PSPT COMMENT: Wed Nov 3 20:24:27 GMT 2004
Repeated Pspt program exit and restart like earlier this morning at Alice's
request.
  end
**** EVENT COMMENT ****: Wed Nov 3 20:46:35 GMT 2004
Flare at active region on NE quadrant of disk from around 1748 to 1948 UT.
end
PSPT COMMENT: Wed Nov 3 21:19:44 GMT 2004
Repeated PSPT program exit and reload.
end
**PSPT PROBLEM**: Wed Nov 3 21:49:32 GMT 2004
```

PSPT crashed. Alice fixed the revised program. Restarted.

```
end
WEATHER COMMENT: Wed Nov 3 21:54:54 GMT 2004
Still in thin cirrostratus. Orographic clouds are beginning to arrive
around station.
____end_
Wed Nov 3 22:34:50 GMT 2004
                               CHIP
                                        End Patrol
Wed Nov 3 22:34:57 GMT 2004
                               PICS
                                        End Patrol
WEATHER COMMENT: Wed Nov 3 22:34:55 GMT 2004
In orographic clouds. Idling instruments.
end
Thu Nov 4 00:52:56 GMT 2004
                               CHIP
                                        Start Patrol
Thu Nov 4 00:53:08 GMT 2004
                               PICS
                                        Start Patrol
WEATHER COMMENT: Thu Nov 4 00:52:53 GMT 2004
Clouds have receded. Resuming obs with all but mk4. Still in cirrostratus.
end
NICE PICSLIMB IMAGE: 1928
NICE CHIP
             IMAGE: 1928
NICE PICSDISC IMAGE: 1927
                                        End Patrol
Thu Nov 4 02:27:35 GMT 2004
                               PICS
Thu Nov 4 02:29:47 GMT 2004
                               CHIP
                                        End Patrol
Thu Nov 4 02:30:22 GMT 2004
```

MkIV