```
Mauna Loa Solar Observatory Observer's Log
   ______
       Tue Nov 2 17:19:59 GMT 2010
Year: 10 Doy: 306
Observer: koon
WEATHER COMMENT: Tue Nov 2 17:20:03 GMT 2010
Thin to medium cirrostratus, no wind, temp=46F
  end
Tue Nov 2 17:27:13 GMT 2010
                              MKTV
                                      Start Patrol
Tue Nov 02 17:27:22 GMT 2010 H-ALPHA Start Patrol
MKIV COMMENT BY DARRYL: Tue Nov 2 17:31:28 GMT 2010
Too cloudy to run.
end
COMP COMMENT BY DARRYL: Tue Nov 2 17:31:38 GMT 2010
Too cloudy to run.
end
Tue Nov 2 17:32:26 GMT 2010
                              CHIP
                                       Start Patrol
Tue Nov 2 17:33:28 GMT 2010
                              MKIV
                                      End Patrol
**PSPT PROBLEM COMMENT BY DARRYL**: Tue Nov 2 19:37:26 GMT 2010
Clock was off yesterday, Allen wrote that they corrected it, but he didn't
do a new "gdr ephmcal" to sync the guider with the clock. I'll do it now
so that PSPT can point correctly.
end
Tue Nov 2 19:40:50 GMT 2010
                              CHIP
                                       Start Patrol
**CHIP PROBLEM COMMENT BY DARRYL**: Tue Nov 2 19:52:41 GMT 2010
Typical WaitOpti crash and fix.
end
Tue Nov 2 20:21:25 GMT 2010
                              MKIV
                                      Start Cal
Tue Nov 2 20:26:29 GMT 2010: PSPT Start Patrol
Tue Nov 2 20:40:09 GMT 2010
                              MKIV
                                      End Cal
Tue Nov 2 21:05:42 GMT 2010
                              MKIV
                                      End Patrol
WEATHER COMMENT: Tue Nov 2 22:21:08 GMT 2010
Still have light to medium cirrostratus overcast.
 end
Tue Nov 2 23:02:53 GMT 2010
                              CHIP
                                       LSD
Tue Nov 2 23:04:35 GMT 2010
                              CHIP
                                       End LSD
Tue Nov 2 23:04:44 GMT 2010
                              CHIP
                                       BiasLSD
Tue Nov 2 23:05:33 GMT 2010
                                       End BiasLSD
                              CHIP
Tue Nov 2 23:05:46 GMT 2010
                              CHIP
                                       Bias
Tue Nov 2 23:06:34 GMT 2010
                              CHIP
                                       End Bias
Tue Nov 2 23:06:41 GMT 2010
                              CHIP
                                       ReStart Patrol
Wed Nov 3 00:01:16 GMT 2010
                              CHIP
                                       End Patrol
Wed Nov 3 00:01:32 GMT 2010: PSPT Abort Patrol
Wed Nov 03 00:03:25 GMT 2010 H-ALPHA End Patrol
Wed Nov 3 00:26:08 GMT 2010
```

MkIV

17_27.rawmk4 20_24.rawmk4 20_36.rawmk4 c20_27.rawmk4 17_30.rawmk4 20_30.rawmk4 c20_21.rawmk4 c20_33.rawmk4