```
Mauna Loa Solar Observatory Observer's Log
 ______
       Tue Apr 10 17:13:00 GMT 2012
Year: 12 Doy: 101
Observer: koon
WEATHER COMMENT: Tue Apr 10 17:13:01 GMT 2012
Clear but bright sky, wind=7mph from the SW, temp=41F.
end
Tue Apr 10 17:21:46 GMT 2012
                              MKIV
                                      Start Patrol
Tue Apr 10 17:22:48 GMT 2012 H-ALPHA Start Patrol
Tue Apr 10 17:29:10 GMT 2012 COMP Start Patrol
Tue Apr 10 17:36:36 GMT 2012: PSPT Start Patrol
Tue Apr 10 18:23:43 GMT 2012
                              CHIP
                                       Start Patrol
**CHIP PROBLEM COMMENT BY DARRYL**: Tue Apr 10 18:20:17 GMT 2012
Trouble starting this up. Couldn't login, it wouldn't recognize my account
for some reason and had messages from last night about what looked to be
a failure during a disk access. I synced Kii and tried to restart but got
endless messages about not being able to make a connection, and the Fail
LEDs remained lit on the 2533 and 4105 VMI/VME boards in Alakai. Turned off
MCC and then Kii, waited a few minutes before turning Kii back on,
then waited about 20 minutes more before turning MCC back on, that
fixed the problems. Observing now.
end
Tue Apr 10 18:38:50 GMT 2012
                                      End Patrol
                              MKIV
Tue Apr 10 18:38:55 GMT 2012
                              MKIV
                                      Start Cal
**GONG PROBLEM COMMENT BY DARRYL**: Tue Apr 10 18:40:56 GMT 2012
Turret oscillating, stopping and restarting quider from gongExpert control
window didn't fix it right away, I tried many times with waits from an
instant to 20 seconds, it finally worked and the turret stabilized, the
last stop/start cycle wait was only an instant, click off then on right
away, but that might be unrelated to the turret stabilizing.
Put the movie temporal resolution back to every image so we catch problems
better, this also let's us see activity better.
end
Tue Apr 10 18:58:30 GMT 2012
                              MKIV
                                      Start Patrol
Tue Apr 10 20:38:19 GMT 2012 COMP End Patrol
Tue Apr 10 20:38:22 GMT 2012 COMP Start Patrol
WEATHER COMMENT: Tue Apr 10 22:06:37 GMT 2012
Low clouds are starting to move in.
end
Tue Apr 10 22:45:49 GMT 2012 COMP End Patrol
MKIV COMMENT BY DARRYL: Tue Apr 10 22:45:46 GMT 2012
Pausing due to clouds.
COMP COMMENT BY DARRYL: Tue Apr 10 22:46:00 GMT 2012
Pausing due to clouds.
```

____end

```
Tue Apr 10 22:49:57 GMT 2012
                                 MKIV
                                         End Patrol
Tue Apr 10 23:02:52 GMT 2012
                                 CHIP
                                          LSD
Tue Apr 10 23:04:37 GMT 2012
                                 CHIP
                                          End LSD
Tue Apr 10 23:04:46 GMT 2012
                                 CHIP
                                          BiasLSD
Tue Apr 10 23:05:24 GMT 2012
                                 CHIP
                                          End BiasLSD
Tue Apr 10 23:05:33 GMT 2012
                                 CHIP
                                          Bias
Tue Apr 10 23:06:14 GMT 2012
                                          End Bias
                                 CHIP
Tue Apr 10 23:06:22 GMT 2012
                                          ReStart Patrol
                                 CHIP
Tue Apr 10 23:19:36 GMT 2012: PSPT Abort Patrol
Tue Apr 10 23:17:59 GMT 2012
                                 CHIP
                                          End Patrol
WEATHER COMMENT: Tue Apr 10 23:19:45 GMT 2012
Clouds are thick and dark, pausing rest of instruments and closing domes.
  end
Tue Apr 10 23:21:51 GMT 2012 H-ALPHA End Patrol
Wed Apr 11 00:37:34 GMT 2012
        MkIV
17 21.rawmk4
               18 26.rawmk4
                               19 42.rawmk4
                                              20 51.rawmk4
                                                              21 59.rawmk4
17 24.rawmk4
               18 29.rawmk4
                               19 45.rawmk4
                                              20 54.rawmk4
                                                              22 02.rawmk4
17_27.rawmk4
               18_32.rawmk4
                               19_48.rawmk4
                                              20_57.rawmk4
                                                              22_05.rawmk4
17_30.rawmk4
               18_35.rawmk4
                               19_51.rawmk4
                                              21_00.rawmk4
                                                              22_08.rawmk4
17 33.rawmk4
               18 41.rawmk4
                               19 54.rawmk4
                                              21 03.rawmk4
                                                              22 11.rawmk4
17_36.rawmk4
               18_48.rawmk4
                               19_57.rawmk4
                                              21_06.rawmk4
                                                              22_14.rawmk4
17 39.rawmk4
               18 54.rawmk4
                               20 00.rawmk4
                                              21 11.rawmk4
                                                              22 17.rawmk4
               18 58.rawmk4
                               20 03.rawmk4
                                                              22 20.rawmk4
17 42.rawmk4
                                              21 15.rawmk4
17_45.rawmk4
               19 01.rawmk4
                               20 06.rawmk4
                                              21 18.rawmk4
                                                              22 23.rawmk4
17 48.rawmk4
               19 04.rawmk4
                               20 09.rawmk4
                                              21 21.rawmk4
                                                              22 26.rawmk4
17 51.rawmk4
               19 07.rawmk4
                               20 12.rawmk4
                                              21 24.rawmk4
                                                              22 29.rawmk4
17_54.rawmk4
               19_10.rawmk4
                               20_14.rawmk4
                                              21_27.rawmk4
                                                              22_32.rawmk4
17_57.rawmk4
               19_13.rawmk4
                               20_17.rawmk4
                                              21_30.rawmk4
                                                              22_35.rawmk4
18_00.rawmk4
               19 16.rawmk4
                               20 20.rawmk4
                                              21 33.rawmk4
                                                              22 37.rawmk4
18_03.rawmk4
               19_19.rawmk4
                               20_23.rawmk4
                                              21_36.rawmk4
                                                              22_40.rawmk4
                                                              22_43.rawmk4
18_05.rawmk4
               19_21.rawmk4
                               20_26.rawmk4
                                              21_39.rawmk4
               19 24.rawmk4
18 08.rawmk4
                               20 29.rawmk4
                                              21 42.rawmk4
                                                              22 46.rawmk4
18 11.rawmk4
               19 27.rawmk4
                               20_32.rawmk4
                                              21_45.rawmk4
                                                              c18 38.rawmk4
18 14.rawmk4
               19 30.rawmk4
                               20 35.rawmk4
                                              21 47.rawmk4
                                                              c18 45.rawmk4
18 17.rawmk4
               19 33.rawmk4
                               20 38.rawmk4
                                              21 50.rawmk4
                                                              c18 51.rawmk4
18_20.rawmk4
               19_36.rawmk4
                               20_41.rawmk4
                                              21_53.rawmk4
```

20 47.rawmk4

21 56.rawmk4

18 23.rawmk4

19 39.rawmk4