```
--------------------------------------------------------------------------------
                 Mauna Loa Solar Observatory Observer's Log
--------------------------------------------------------------------------------
            Fri Jun 29 16:37:30 GMT 2012
Year: 12  Doy: 181
Observer: stueben
WEATHER COMMENT: Fri Jun 29 16:38:56 GMT 2012
Clear, wind southeast 10-15 mph, temp 45F.
___end___
Fri Jun 29 16:40:12 GMT 2012    CHIP      Start Patrol
Fri Jun 29 16:53:23 GMT 2012    MKIV      Start Patrol
Fri Jun 29 17:01:23 GMT 2012 COMP Start Patrol
Fri Jun 29 17:33:45 GMT 2012: PSPT Start Patrol
Fri Jun 29 17:45:00 GMT 2012 H-ALPHA Start Patrol
**H-ALPHA PROBLEM COMMENT BY ALLEN**: Fri Jun 29 17:49:55 GMT 2012
Had difficulty getting halpha to run this morning, labview was not responding
and the network connection seemed not to be working though its status icon
said it was OK. Rebooting the pc fixed the problem.
___end___
****EVENT COMMENT BY ALLEN****: Fri Jun 29 17:53:39 GMT 2012
Nice prominence on the southeast limb.
___end___
Fri Jun 29 17:58:23 GMT 2012    MKIV      End Patrol
Fri Jun 29 17:58:33 GMT 2012    MKIV      Start Cal
Fri Jun 29 18:01:47 GMT 2012    CHIP       LSD
Fri Jun 29 18:03:29 GMT 2012    CHIP       End LSD
Fri Jun 29 18:03:38 GMT 2012    CHIP       BiasLSD
Fri Jun 29 18:04:25 GMT 2012    CHIP       End BiasLSD
Fri Jun 29 18:17:37 GMT 2012    MKIV      End Cal
Fri Jun 29 18:04:45 GMT 2012    CHIP       Bias
Fri Jun 29 18:17:44 GMT 2012    MKIV      Start Patrol
Fri Jun 29 18:05:38 GMT 2012    CHIP       End Bias
Fri Jun 29 18:05:46 GMT 2012    CHIP       ReStart Patrol
Fri Jun 29 18:53:19 GMT 2012: PSPT Start Patrol
Fri Jun 29 19:57:56 GMT 2012    MKIV      End Patrol
Fri Jun 29 20:00:40 GMT 2012 COMP End Patrol
NOTE BY ALLEN: Fri Jun 29 20:07:29 GMT 2012
Reconfigured dome shutter.
___end___
Fri Jun 29 20:09:26 GMT 2012    MKIV      Start Patrol
Fri Jun 29 20:10:03 GMT 2012 COMP Start Patrol
Fri Jun 29 23:08:10 GMT 2012 COMP End Patrol
Fri Jun 29 23:08:12 GMT 2012 COMP Start Patrol
Fri Jun 29 23:02:57 GMT 2012    CHIP       LSD
Fri Jun 29 23:04:39 GMT 2012    CHIP       End LSD
Fri Jun 29 23:04:47 GMT 2012    CHIP       BiasLSD
Fri Jun 29 23:05:23 GMT 2012    CHIP       End BiasLSD
Fri Jun 29 23:05:32 GMT 2012    CHIP       Bias
```

```
Fri Jun 29 23:06:14 GMT 2012      CHIP      End Bias
Fri Jun 29 23:06:28 GMT 2012      CHIP      ReStart Patrol
Sat Jun 30 00:27:38 GMT 2012: PSPT Abort Patrol
Sat Jun 30 00:29:29 GMT 2012      MKIV      End Patrol
Sat Jun 30 00:24:55 GMT 2012      CHIP      End Patrol
Sat Jun 30 00:38:07 GMT 2012 H-ALPHA End Patrol
Sat Jun 30 00:39:40 GMT 2012 COMP End Patrol
Sat Jun 30 00:55:41 GMT 2012
        MkIV


00_02.rawmk4    17_55.rawmk4    19_34.rawmk4    21_14.rawmk4    22_42.rawmk4
00_05.rawmk4    18_01.rawmk4    19_37.rawmk4    21_17.rawmk4    22_45.rawmk4
00_08.rawmk4    18_07.rawmk4    19_40.rawmk4    21_20.rawmk4    22_48.rawmk4
00_11.rawmk4    18_13.rawmk4    19_43.rawmk4    21_22.rawmk4    22_51.rawmk4
00_14.rawmk4    18_17.rawmk4    19_45.rawmk4    21_25.rawmk4    22_54.rawmk4
00_17.rawmk4    18_20.rawmk4    19_48.rawmk4    21_28.rawmk4    22_57.rawmk4
00_20.rawmk4    18_23.rawmk4    19_51.rawmk4    21_31.rawmk4    23_00.rawmk4
00_23.rawmk4    18_26.rawmk4    19_54.rawmk4    21_34.rawmk4    23_02.rawmk4
00_26.rawmk4    18_29.rawmk4    20_09.rawmk4    21_37.rawmk4    23_05.rawmk4
16_53.rawmk4    18_32.rawmk4    20_12.rawmk4    21_40.rawmk4    23_08.rawmk4
16_56.rawmk4    18_35.rawmk4    20_15.rawmk4    21_43.rawmk4    23_14.rawmk4
16_59.rawmk4    18_38.rawmk4    20_18.rawmk4    21_46.rawmk4    23_18.rawmk4
17_02.rawmk4    18_41.rawmk4    20_21.rawmk4    21_49.rawmk4    23_21.rawmk4
17_05.rawmk4    18_44.rawmk4    20_24.rawmk4    21_52.rawmk4    23_24.rawmk4
17_08.rawmk4    18_47.rawmk4    20_27.rawmk4    21_55.rawmk4    23_27.rawmk4
17_11.rawmk4    18_50.rawmk4    20_29.rawmk4    21_58.rawmk4    23_30.rawmk4
17_14.rawmk4    18_53.rawmk4    20_32.rawmk4    22_01.rawmk4    23_33.rawmk4
17_16.rawmk4    18_55.rawmk4    20_35.rawmk4    22_04.rawmk4    23_36.rawmk4
17_19.rawmk4    18_58.rawmk4    20_38.rawmk4    22_07.rawmk4    23_39.rawmk4
17_22.rawmk4    19_01.rawmk4    20_41.rawmk4    22_09.rawmk4    23_42.rawmk4
17_25.rawmk4    19_04.rawmk4    20_44.rawmk4    22_12.rawmk4    23_45.rawmk4
17_28.rawmk4    19_07.rawmk4    20_47.rawmk4    22_15.rawmk4    23_48.rawmk4
17_31.rawmk4    19_10.rawmk4    20_50.rawmk4    22_18.rawmk4    23_50.rawmk4
17_34.rawmk4    19_13.rawmk4    20_53.rawmk4    22_21.rawmk4    23_53.rawmk4
17_37.rawmk4    19_16.rawmk4    20_56.rawmk4    22_24.rawmk4    23_56.rawmk4
17_40.rawmk4    19_19.rawmk4    20_59.rawmk4    22_27.rawmk4    23_59.rawmk4
17_43.rawmk4    19_22.rawmk4    21_02.rawmk4    22_30.rawmk4    c17_58.rawmk4
17_46.rawmk4    19_25.rawmk4    21_05.rawmk4    22_33.rawmk4    c18_04.rawmk4
17_49.rawmk4    19_28.rawmk4    21_08.rawmk4    22_36.rawmk4    c18_10.rawmk4
17_52.rawmk4    19_31.rawmk4    21_11.rawmk4    22_39.rawmk4
```