```
--------------------------------------------------------------------------------
                  Mauna Loa Solar Observatory Observer's Log
--------------------------------------------------------------------------------
          Sat Mar 11 17:07:17 GMT 2000
Year: 00  Doy: 071
Observer: koon
WEATHER COMMENT: Sat Mar 11 17:07:56 GMT 2000

Clear sky, wind=5 mph from the SW, temp=40 F.
tializing new tape
Sat Mar 11 17:12:20 GMT 2000     MKIV     Start Patrol
Sat Mar 11 17:12:31 GMT 2000     CHIP      CHIP Start 7 Passband Patrol
Sat Mar 11 17:12:31 GMT 2000     CHIP      CHIP Start 7 Passband Patrol
Sat Mar 11 18:02:49 GMT 2000     PICS     Flat
Sat Mar 11 18:05:29 GMT 2000     PICS     End Flat
Sat Mar 11 20:03:48 GMT 2000     CHIP     Gain7
Sat Mar 11 20:12:11 GMT 2000     CHIP     End Gain
Sat Mar 11 20:12:28 GMT 2000     CHIP     Bias
Sat Mar 11 20:13:43 GMT 2000     CHIP     End Bias
**** EVENT COMMENT ****: Sat Mar 11 21:01:26 GMT 2000
I just found a printout from David saying there might have been a faint
CME in the South at around 1855 UT.
**PSPT PROBLEM**: Sat Mar 11 21:03:10 GMT 2000
I haven't seen any focus problems today yet, Eric saw that the focus
stage was at the negative limit yesterday during the 2200 sequence.
It was at that limit this morning but the program freed the stage
without my help.  Something is apparently causing the stage to drive
too far and get stuck at the limit.  Maybe the routine that frees that
stage from the limit should be used more often during the day?  It
doesn't sound like the stage is sticking in its travel, if so I doubt
it would be stuck at a limit, more likely there is a programming or
electrical problem.
COMMENT: Sat Mar 11 21:42:07 GMT 2000
Extended the dome slot.
Sat Mar 11 22:34:49 GMT 2000     CHIP     CHIP End Patrol
Sat Mar 11 22:34:49 GMT 2000     CHIP     CHIP End Patrol
Sat Mar 11 22:40:45 GMT 2000     CHIP     ending tape
COMMENT: Sat Mar 11 22:55:51 GMT 2000

TAPES:
******
MKIV: 00-071
CHIP: C01070
PICS: P01689
LOWL: L00676 in drive #1

Sat Mar 11 22:56:50 GMT 2000
        MkIV
```

```
17_12.rawmk4     18_27.rawmk4     19_32.rawmk4     20_37.rawmk4     21_43.rawmk4
17_15.rawmk4     18_30.rawmk4     19_35.rawmk4     20_40.rawmk4     21_45.rawmk4
17_18.rawmk4     18_33.rawmk4     19_38.rawmk4     20_43.rawmk4     21_48.rawmk4
17_21.rawmk4     18_36.rawmk4     19_41.rawmk4     20_46.rawmk4     21_51.rawmk4
17_24.rawmk4     18_39.rawmk4     19_44.rawmk4     20_49.rawmk4     21_54.rawmk4
17_27.rawmk4     18_42.rawmk4     19_47.rawmk4     20_52.rawmk4     21_57.rawmk4
17_30.rawmk4     18_45.rawmk4     19_50.rawmk4     20_55.rawmk4     22_00.rawmk4
17_33.rawmk4     18_48.rawmk4     19_53.rawmk4     20_58.rawmk4     22_03.rawmk4
17_36.rawmk4     18_51.rawmk4     19_56.rawmk4     21_01.rawmk4     22_06.rawmk4
17_39.rawmk4     18_54.rawmk4     19_59.rawmk4     21_04.rawmk4     22_09.rawmk4
17_42.rawmk4     18_57.rawmk4     20_02.rawmk4     21_07.rawmk4     22_12.rawmk4
17_45.rawmk4     18_59.rawmk4     20_05.rawmk4     21_10.rawmk4     22_15.rawmk4
17_47.rawmk4     19_02.rawmk4     20_08.rawmk4     21_13.rawmk4     22_18.rawmk4
17_50.rawmk4     19_05.rawmk4     20_11.rawmk4     21_16.rawmk4     22_21.rawmk4
17_56.rawmk4     19_08.rawmk4     20_14.rawmk4     21_19.rawmk4     22_24.rawmk4
18_03.rawmk4     19_11.rawmk4     20_17.rawmk4     21_22.rawmk4     22_27.rawmk4
18_09.rawmk4     19_14.rawmk4     20_20.rawmk4     21_25.rawmk4     22_30.rawmk4
18_12.rawmk4     19_17.rawmk4     20_22.rawmk4     21_28.rawmk4     c17_53.rawmk4
18_15.rawmk4     19_20.rawmk4     20_25.rawmk4     21_31.rawmk4     c18_00.rawmk4
18_18.rawmk4     19_23.rawmk4     20_28.rawmk4     21_34.rawmk4     c18_06.rawmk4
18_21.rawmk4     19_26.rawmk4     20_31.rawmk4     21_37.rawmk4
18_24.rawmk4     19_29.rawmk4     20_34.rawmk4     21_40.rawmk4
```