```
-------------------------------------------------------------------------------
                   Mauna Loa Solar Observatory Observer's Log
-------------------------------------------------------------------------------
           Sat Jul 10 16:51:52 GMT 1999
Year: 99  Doy: 191
Observer: koon
WEATHER COMMENT: Sat Jul 10 16:52:22 GMT 1999
Clear sky, wind=10 mph from the SSE, temp=46 F.
Sat Jul 10 16:57:01 GMT 1999    MKIII    Start Patrol
Sat Jul 10 16:57:11 GMT 1999    PICS     Start Patrol
**CHIP PROBLEM**: Sat Jul 10 16:58:15 GMT 1999
Can't get it started, it looks like someone was logged in and changing
things on Kii yesterday.  Typing Run in the console window didn't start
it up all the way.  Not getting a prompt on that window, stalled after
displaying:
Tape OK
mic_init failure
5545.899902
**CHIP PROBLEM**: Sat Jul 10 17:02:15 GMT 1999
Killing the TestMic process allowed the rest of the processes to continue.
Then I killed all processes and tried Run again, this second time
everything seemed to start up normally.
up--Initializing new tape
**PSPT PROBLEM**: Sat Jul 10 17:30:39 GMT 1999
Focus stage problem, fixed usual way.
Sat Jul 10 18:02:06 GMT 1999    PICS     Flat
Sat Jul 10 18:04:41 GMT 1999    PICS     End Flat
CHIP COMMENT: Sat Jul 10 18:49:15 GMT 1999
Oops, I thought I started this Patrol but apparently didn't, until now.
Sat Jul 10 19:01:00 GMT 1999    PICS     polarization_calibration
Sat Jul 10 19:02:01 GMT 1999    CHIP     Bias
Sat Jul 10 19:02:57 GMT 1999    CHIP     End Bias
Sat Jul 10 19:03:13 GMT 1999    CHIP     Water
Sat Jul 10 19:03:50 GMT 1999    CHIP     End Water
Sat Jul 10 19:13:18 GMT 1999    MKIII    Start Patrol
Sat Jul 10 20:01:50 GMT 1999    CHIP     Gain
Sat Jul 10 20:06:30 GMT 1999    CHIP     End Gain
Sat Jul 10 20:06:53 GMT 1999    CHIP     Bias
Sat Jul 10 20:07:47 GMT 1999    CHIP     End Bias
Sat Jul 10 20:08:01 GMT 1999    CHIP     Water
Sat Jul 10 20:08:49 GMT 1999    CHIP     End Water
COMMENT: Sat Jul 10 20:20:59 GMT 1999
Extended the dome slot.
Sat Jul 10 21:00:48 GMT 1999    CHIP     Bias
Sat Jul 10 21:01:41 GMT 1999    CHIP     End Bias
Sat Jul 10 21:01:54 GMT 1999    CHIP     Water
Sat Jul 10 21:02:35 GMT 1999    CHIP     End Water
Sat Jul 10 22:02:48 GMT 1999    CHIP     Bias
```

```
Sat Jul 10 22:03:53 GMT 1999     CHIP      End Bias
Sat Jul 10 22:04:06 GMT 1999     CHIP      Water
Sat Jul 10 22:04:50 GMT 1999     CHIP      End Water
Sat Jul 10 22:29:31 GMT 1999     CHIP      CHIP End Patrol
Sat Jul 10 22:30:13 GMT 1999     PICS      End Patrol
Sat Jul 10 22:38:39 GMT 1999     CHIP      ending tape
COMMENT: Sat Jul 10 22:47:36 GMT 1999


TAPES:
******
MKIV: 99191
CHIP: C00859
PICS: P01480
LOWL: L00612 in drive #0


Sat Jul 10 22:48:39 GMT 1999
        MkIII


16_57.rawmk3    18_04.rawmk3    19_24.rawmk3    20_32.rawmk3    21_40.rawmk3
17_00.rawmk3    18_08.rawmk3    19_28.rawmk3    20_36.rawmk3    21_44.rawmk3
17_04.rawmk3    18_11.rawmk3    19_32.rawmk3    20_40.rawmk3    21_47.rawmk3
17_08.rawmk3    18_15.rawmk3    19_35.rawmk3    20_43.rawmk3    21_51.rawmk3
17_12.rawmk3    18_19.rawmk3    19_39.rawmk3    20_47.rawmk3    21_55.rawmk3
17_15.rawmk3    18_23.rawmk3    19_43.rawmk3    20_51.rawmk3    21_59.rawmk3
17_19.rawmk3    18_26.rawmk3    19_47.rawmk3    20_55.rawmk3    22_02.rawmk3
17_23.rawmk3    18_30.rawmk3    19_50.rawmk3    20_58.rawmk3    22_06.rawmk3
17_26.rawmk3    18_34.rawmk3    19_54.rawmk3    21_02.rawmk3    22_10.rawmk3
17_30.rawmk3    18_38.rawmk3    19_58.rawmk3    21_06.rawmk3    22_14.rawmk3
17_34.rawmk3    18_41.rawmk3    20_02.rawmk3    21_10.rawmk3    22_17.rawmk3
17_37.rawmk3    18_45.rawmk3    20_06.rawmk3    21_14.rawmk3    22_21.rawmk3
17_41.rawmk3    18_53.rawmk3    20_10.rawmk3    21_17.rawmk3    22_25.rawmk3
17_45.rawmk3    19_01.rawmk3    20_13.rawmk3    21_21.rawmk3    c18_49.rawmk3
17_49.rawmk3    19_09.rawmk3    20_17.rawmk3    21_25.rawmk3    c18_57.rawmk3
17_53.rawmk3    19_13.rawmk3    20_21.rawmk3    21_29.rawmk3    c19_05.rawmk3
17_56.rawmk3    19_17.rawmk3    20_25.rawmk3    21_32.rawmk3
18_00.rawmk3    19_20.rawmk3    20_28.rawmk3    21_36.rawmk3
```