```
--------------------------------------------------------------------------
                 Mauna Loa Solar Observatory Observer's Log
--------------------------------------------------------------------------
           Thu Feb 24 17:28:59 GMT 2000
Year: 00  Doy: 055
Observer: koon
Thu Feb 24 17:30:03 GMT 2000     CHIP      Startup--Initializing new tape
WEATHER COMMENT: Thu Feb 24 17:30:31 GMT 2000
Clear sky, wind=10 mph from the SE, temp=42 F.
Thu Feb 24 17:36:47 GMT 2000     MKIV     Start Patrol
Thu Feb 24 17:36:58 GMT 2000     CHIP      CHIP Start 7 Passband Patrol
Thu Feb 24 17:36:58 GMT 2000     CHIP      CHIP Start 7 Passband Patrol
Thu Feb 24 18:03:48 GMT 2000     PICS      Flat
Thu Feb 24 18:06:27 GMT 2000     PICS      End Flat
**CHIP PROBLEM**: Thu Feb 24 20:28:37 GMT 2000
Same old stall problem where the screen shows Program: 1082.847, and I/O
errors.  I tried Cancel Wait and the program continued but kept giving I/O
errors, so I stopped to check other things.
**CHIP PROBLEM**: Thu Feb 24 21:12:42 GMT 2000
These I/O errors always seem to happen around 2000 ut.  I remember something
being a problem at this time of day about 1 or 2 months ago and I think
it had something to with some message buffer getting full and causing
a stall problem.  I searched in vain for messages regarding it but I'll
keep looking, in the meantime I started Patrol with a new tape - this
worked yesterday.
**CHIP PROBLEM**: Thu Feb 24 21:22:52 GMT 2000
Stalled again with Program: 1082.847.  Did a Cancel Wait to fix.
**CHIP PROBLEM**: Thu Feb 24 21:34:25 GMT 2000
I found logs 99350 through 99352 mention the message queue problem and
how to check the queues using the letter q.  But it is still confusing whether
what I'm seeing in those queues are normal or not.  This latest version
of the stall problem started with the latest software change to Patrol.
Thu Feb 24 22:23:48 GMT 2000     PICS      End Patrol
Thu Feb 24 22:26:12 GMT 2000     CHIP      CHIP End Patrol
Thu Feb 24 22:27:57 GMT 2000     CHIP       ending tape
COMMENT: Thu Feb 24 22:30:07 GMT 2000

TAPES:
******
MKIV: 00055
CHIP: C01051 and C01052
PICS: P01673
LOWL: L00673 in drive #0

Thu Feb 24 22:31:13 GMT 2000
        MkIV


17_36.rawmk4    18_36.rawmk4    19_45.rawmk4    20_44.rawmk4    21_43.rawmk4
```

```
17_39.rawmk4    18_39.rawmk4    19_48.rawmk4    20_47.rawmk4    21_46.rawmk4
17_42.rawmk4    18_42.rawmk4    19_51.rawmk4    20_50.rawmk4    21_49.rawmk4
17_45.rawmk4    18_45.rawmk4    19_54.rawmk4    20_53.rawmk4    21_52.rawmk4
17_48.rawmk4    18_48.rawmk4    19_57.rawmk4    20_56.rawmk4    21_55.rawmk4
17_51.rawmk4    18_50.rawmk4    20_00.rawmk4    20_59.rawmk4    21_58.rawmk4
17_54.rawmk4    18_53.rawmk4    20_03.rawmk4    21_02.rawmk4    22_01.rawmk4
17_57.rawmk4    18_56.rawmk4    20_05.rawmk4    21_05.rawmk4    22_04.rawmk4
18_00.rawmk4    18_59.rawmk4    20_08.rawmk4    21_08.rawmk4    22_07.rawmk4
18_03.rawmk4    19_02.rawmk4    20_11.rawmk4    21_11.rawmk4    22_10.rawmk4
18_06.rawmk4    19_05.rawmk4    20_14.rawmk4    21_14.rawmk4    22_13.rawmk4
18_09.rawmk4    19_08.rawmk4    20_17.rawmk4    21_17.rawmk4    22_16.rawmk4
18_12.rawmk4    19_14.rawmk4    20_20.rawmk4    21_20.rawmk4    22_19.rawmk4
18_15.rawmk4    19_21.rawmk4    20_23.rawmk4    21_23.rawmk4    22_22.rawmk4
18_18.rawmk4    19_27.rawmk4    20_26.rawmk4    21_26.rawmk4    22_25.rawmk4
18_21.rawmk4    19_30.rawmk4    20_29.rawmk4    21_29.rawmk4    c19_11.rawmk4
18_24.rawmk4    19_33.rawmk4    20_32.rawmk4    21_31.rawmk4    c19_17.rawmk4
18_27.rawmk4    19_36.rawmk4    20_35.rawmk4    21_34.rawmk4    c19_24.rawmk4
18_30.rawmk4    19_39.rawmk4    20_38.rawmk4    21_37.rawmk4
18_33.rawmk4    19_42.rawmk4    20_41.rawmk4    21_40.rawmk4
```