```
-------------------------------------------------------------------------------
                 Mauna Loa Solar Observatory Observer's Log
-------------------------------------------------------------------------------
          Mon Oct 18 16:42:49 GMT 1999
Year: 99  Doy: 291
Observer: yasukawa
WEATHER COMMENT: Mon Oct 18 16:43:52 GMT 1999
Cool, in broken cirrus, no wind.
Mon Oct 18 16:44:13 GMT 1999     CHIP     Startup--Initializing new tape
Mon Oct 18 16:47:54 GMT 1999     CHIP     CHIP Start Patrol
Mon Oct 18 16:48:12 GMT 1999     PICS     Start Patrol
COMMENT: Mon Oct 18 16:56:30 GMT 1999
Lost guiding while I was pushing on spar taping up newly discovered
holes that might contribute to light leaks into MKIV barrel.
Mon Oct 18 16:57:36 GMT 1999     MKIV     Start Patrol
Mon Oct 18 17:01:04 GMT 1999     CHIP     Bias
Mon Oct 18 17:02:00 GMT 1999     CHIP     End Bias
Mon Oct 18 17:02:13 GMT 1999     CHIP     Water
Mon Oct 18 17:02:55 GMT 1999     CHIP     End Water
**MKIV PROBLEM**: Mon Oct 18 17:44:37 GMT 1999
Some negative image display on KCC monitor, fixed with "flcStart".
Mon Oct 18 18:00:59 GMT 1999     CHIP     Bias
Mon Oct 18 18:01:28 GMT 1999     PICS     Flat
Mon Oct 18 18:02:02 GMT 1999     CHIP     End Bias
Mon Oct 18 18:02:18 GMT 1999     CHIP     Water
Mon Oct 18 18:03:09 GMT 1999     CHIP     End Water
Mon Oct 18 18:04:12 GMT 1999     PICS     End Flat
WEATHER COMMENT: Mon Oct 18 18:08:26 GMT 1999
Most of the cirrus has passed.  Clear.
GONG COMMENT: Mon Oct 18 18:08:57 GMT 1999
Going down to GONG to do weekly PM.
GONG COMMENT: Mon Oct 18 18:29:35 GMT 1999
Back from GONG.
Mon Oct 18 19:01:07 GMT 1999     CHIP     Bias
Mon Oct 18 19:02:19 GMT 1999     CHIP     End Bias
Mon Oct 18 19:02:39 GMT 1999     CHIP     Water
Mon Oct 18 19:03:27 GMT 1999     CHIP     End Water
**MKIV PROBLEM**: Mon Oct 18 20:51:35 GMT 1999
Had a system crash, tried a bunch of stuff while waiting for trouble
response.  Looked like major SCSI failure.  Kitty called and we went
thru a bunch of diagnostics and determined that the system crashed
while running due to probable disk e failure.  Fixed disk d
file system and rebooted with local e line commented out.
Reboot was successful.  Kitty and/or Bunny will follow up and
probe system remotely to find and possible fix problem.
Restarting observing program.
Mon Oct 18 20:56:02 GMT 1999     MKIV     Start Patrol
Mon Oct 18 21:03:00 GMT 1999     CHIP     Bias
```

```
Mon Oct 18 21:04:02 GMT 1999     CHIP      End Bias
Mon Oct 18 21:04:12 GMT 1999     CHIP      Water
**MKIV PROBLEM**: Mon Oct 18 21:04:23 GMT 1999
Not sure if glitch during restart or "truncated file" message on
cmdtool during xanim dialog, but xanim is not occurring on GUI.
**MKIV PROBLEM**: Mon Oct 18 21:07:08 GMT 1999
I am now getting a pop up window stating:
Insertion failed-
A problem with the file system has been detected.
File system is probably full.

Pressing "continue" only brings up the same message.
**MKIV PROBLEM**: Mon Oct 18 21:20:01 GMT 1999
Bunny will be taking system down to test local e.  Might be causing
the filled filesystem problem.
Mon Oct 18 21:36:14 GMT 1999
        MkIV


16_57.rawmk4    17_33.rawmk4    18_19.rawmk4    18_54.rawmk4    19_30.rawmk4
17_00.rawmk4    17_36.rawmk4    18_22.rawmk4    18_57.rawmk4    19_33.rawmk4
17_03.rawmk4    17_39.rawmk4    18_25.rawmk4    19_00.rawmk4    19_40.rawmk4
17_06.rawmk4    17_42.rawmk4    18_28.rawmk4    19_03.rawmk4    20_55.rawmk4
17_09.rawmk4    17_45.rawmk4    18_31.rawmk4    19_06.rawmk4    20_58.rawmk4
17_12.rawmk4    17_48.rawmk4    18_34.rawmk4    19_09.rawmk4    21_01.rawmk4
17_15.rawmk4    17_51.rawmk4    18_37.rawmk4    19_12.rawmk4    21_04.rawmk4
17_18.rawmk4    17_54.rawmk4    18_39.rawmk4    19_15.rawmk4    c18_03.rawmk4
17_21.rawmk4    17_57.rawmk4    18_42.rawmk4    19_18.rawmk4    c18_09.rawmk4
17_24.rawmk4    18_00.rawmk4    18_45.rawmk4    19_21.rawmk4    c18_15.rawmk4
17_27.rawmk4    18_06.rawmk4    18_48.rawmk4    19_24.rawmk4
17_30.rawmk4    18_12.rawmk4    18_51.rawmk4    19_27.rawmk4
**MKIV PROBLEM**: Mon Oct 18 21:58:06 GMT 1999
Might have gotten a coincidental situation where /var got filled up with
chron messages from 1995.  Bunny zipped the file to provide 7797 K of
space until a decision on what to do about this can be made--like
downloading it to someone'
downloading it to someone's persondal hard drive every week ;)


Bunny remounted e drive and it looks like it is running at this time.
We will run with it on-line and continue with the trouble incident
if it should act up again in the near future.
Restarting Obs to test xanim "failure" due to /var capacity problem.
WEATHER COMMENT: Mon Oct 18 22:02:50 GMT 1999
in orographic clouds.
Mon Oct 18 22:03:06 GMT 1999     MKIV     Start Patrol
Mon Oct 18 22:03:42 GMT 1999     CHIP      ending tape
**PSPT PROBLEM**: Mon Oct 18 22:06:18 GMT 1999
Dome does not return to stow position when shutting down.
**MKIV PROBLEM**: Mon Oct 18 22:07:30 GMT 1999
```

```
Still getting "truncated file" message on xanim.
NOT getting /var full indications unless the truncation is a result
of this problem.
WEATHER COMMENT: Mon Oct 18 22:12:09 GMT 1999
Shutting down, very dark clouds are moving upslope.
COMMENT: Mon Oct 18 22:12:38 GMT 1999
Tapes:
MKIV:  99-291
PICS:  P01578
CHIP:  C00953
LOWL:  L00635 in drive #0
Mon Oct 18 22:13:53 GMT 1999
        MkIV


16_57.rawmk4    17_33.rawmk4    18_19.rawmk4    18_54.rawmk4    19_30.rawmk4
17_00.rawmk4    17_36.rawmk4    18_22.rawmk4    18_57.rawmk4    19_33.rawmk4
17_03.rawmk4    17_39.rawmk4    18_25.rawmk4    19_00.rawmk4    19_40.rawmk4
17_06.rawmk4    17_42.rawmk4    18_28.rawmk4    19_03.rawmk4    20_55.rawmk4
17_09.rawmk4    17_45.rawmk4    18_31.rawmk4    19_06.rawmk4    20_58.rawmk4
17_12.rawmk4    17_48.rawmk4    18_34.rawmk4    19_09.rawmk4    21_01.rawmk4
17_15.rawmk4    17_51.rawmk4    18_37.rawmk4    19_12.rawmk4    21_04.rawmk4
17_18.rawmk4    17_54.rawmk4    18_39.rawmk4    19_15.rawmk4    22_03.rawmk4
17_21.rawmk4    17_57.rawmk4    18_42.rawmk4    19_18.rawmk4    22_06.rawmk4
17_24.rawmk4    18_00.rawmk4    18_45.rawmk4    19_21.rawmk4    c18_03.rawmk4
17_27.rawmk4    18_06.rawmk4    18_48.rawmk4    19_24.rawmk4    c18_09.rawmk4
17_30.rawmk4    18_12.rawmk4    18_51.rawmk4    19_27.rawmk4    c18_15.rawmk4
```