```
--------------------------------------------------------------------------------
                  Mauna Loa Solar Observatory Observer's Log
--------------------------------------------------------------------------------
          Sun Apr 30 16:56:45 GMT 2000
Year: 00  Doy: 121
Observer: koon
Sun Apr 30 16:56:55 GMT 2000     CHIP     Startup--Initializing new tape
WEATHER COMMENT: Sun Apr 30 16:57:12 GMT 2000
Medium cirrostratus overcast, wind=5 mph from the West, temp=47 F.
 Apr 30 16:57:39 GMT 2000        CHIP     CHIP Start 7 Passband Patrol
COMMENT: Sun Apr 30 17:03:58 GMT 2000
Will wait for clouds to clear before starting MKIV and PSPT.
**LOW-L PROBLEM**: Sun Apr 30 17:10:40 GMT 2000
Before I left yesterday I found L00694 popped out of drive #1 and data going
to L00695 in drive #0, so I installed L00696 in drive #1.  Data are still
going to L00695 this morning.
Sun Apr 30 18:02:30 GMT 2000     PICS     Flat
Sun Apr 30 18:05:00 GMT 2000     PICS     End Flat
WEATHER COMMENT: Sun Apr 30 18:53:02 GMT 2000
Cirrostratus is very thin now, starting PSPT and MKIV.
Sun Apr 30 18:53:34 GMT 2000     MKIV     Start Patrol
Sun Apr 30 20:01:39 GMT 2000     CHIP     Gain7
Sun Apr 30 20:10:09 GMT 2000     CHIP     End Gain
Sun Apr 30 20:10:20 GMT 2000     CHIP     Bias
Sun Apr 30 20:11:17 GMT 2000     CHIP     End Bias
MKIV COMMENT: Sun Apr 30 20:14:34 GMT 2000
Cirrus ruined the cal.
COMMENT: Sun Apr 30 20:14:59 GMT 2000
Extended the dome slot.
WEATHER COMMENT: Sun Apr 30 20:59:42 GMT 2000
Cirrostratus is getting medium to thick again, stopped MKIV and PSPT.
MKIV COMMENT: Sun Apr 30 21:43:35 GMT 2000
I forgot to stop this when I wrote that I would, but that's OK because the
clouds have mostly cleared and the scans are decent again.
Sun Apr 30 22:07:49 GMT 2000     PICS     End Patrol
Sun Apr 30 22:13:09 GMT 2000     CHIP     CHIP End Patrol
Sun Apr 30 22:14:42 GMT 2000     CHIP     ending tape
COMMENT: Sun Apr 30 22:21:42 GMT 2000

TAPES:
******
MKIV: 00-121
CHIP: C01112
PICS: P01732
LOWL: L00695 in drive #0

Sun Apr 30 22:23:17 GMT 2000
        MkIV
```

```
18_53.rawmk4    19_32.rawmk4    20_20.rawmk4    20_58.rawmk4    21_37.rawmk4
18_56.rawmk4    19_35.rawmk4    20_23.rawmk4    21_01.rawmk4    21_40.rawmk4
18_59.rawmk4    19_38.rawmk4    20_26.rawmk4    21_04.rawmk4    21_43.rawmk4
19_02.rawmk4    19_41.rawmk4    20_29.rawmk4    21_07.rawmk4    21_46.rawmk4
19_05.rawmk4    19_44.rawmk4    20_32.rawmk4    21_10.rawmk4    21_49.rawmk4
19_08.rawmk4    19_46.rawmk4    20_35.rawmk4    21_13.rawmk4    21_52.rawmk4
19_11.rawmk4    19_49.rawmk4    20_38.rawmk4    21_16.rawmk4    21_55.rawmk4
19_14.rawmk4    19_52.rawmk4    20_41.rawmk4    21_19.rawmk4    21_58.rawmk4
19_17.rawmk4    19_55.rawmk4    20_44.rawmk4    21_22.rawmk4    22_01.rawmk4
19_20.rawmk4    20_01.rawmk4    20_47.rawmk4    21_25.rawmk4    c19_58.rawmk4
19_23.rawmk4    20_08.rawmk4    20_50.rawmk4    21_28.rawmk4    c20_05.rawmk4
19_26.rawmk4    20_14.rawmk4    20_53.rawmk4    21_31.rawmk4    c20_11.rawmk4
19_29.rawmk4    20_17.rawmk4    20_55.rawmk4    21_34.rawmk4
```