```
--------------------------------------------------------------------------------
                 Mauna Loa Solar Observatory Observer's Log
--------------------------------------------------------------------------------
           Tue Feb 10 17:10:13 GMT 1998
Year: 98  Doy: 041
Observer: yasukawa
WEATHER COMMENT: Tue Feb 10 17:10:37 GMT 1998
Cool, clear, south wind.
Tue Feb 10 17:12:34 GMT 1998    CHIP     Startup--Initializing new tape
Tue Feb 10 17:21:44 GMT 1998    CHIP     CHIP Start Patrol
Tue Feb 10 17:21:57 GMT 1998    PICS     Start Patrol
MKIII COMMENT: Tue Feb 10 17:23:49 GMT 1998

*** Recycling H01735 and H01736 ***

Tue Feb 10 17:28:36 GMT 1998    MKIII    Start Patrol
Tue Feb 10 18:00:15 GMT 1998    PICS     Flat
Tue Feb 10 18:01:03 GMT 1998    CHIP     Bias
Tue Feb 10 18:01:52 GMT 1998    PICS     End Flat
Tue Feb 10 18:02:12 GMT 1998    CHIP     End Bias
Tue Feb 10 18:02:22 GMT 1998    CHIP     Water
Tue Feb 10 18:03:06 GMT 1998    CHIP     End Water
PICS  COMMENT: Tue Feb 10 18:05:28 GMT 1998
Stopping PICS.  Changing occulter to smaller size.
Tue Feb 10 18:07:24 GMT 1998    PICS     End Patrol
Tue Feb 10 18:13:35 GMT 1998    PICS     Start Patrol
PICS  COMMENT: Tue Feb 10 18:14:55 GMT 1998
Changed occulting disk from #3 (1991) to #4 (1981).
Entered change with 'NewOccultingDisk 1981' on nene.
MKIII COMMENT: Tue Feb 10 18:26:27 GMT 1998
Stopping MKIII (Idle), exercising dark shutter to see if a "warm-up"
helps, then starting calibration.
Tue Feb 10 18:28:31 GMT 1998    MKIII    Start Cal
MKIII COMMENT: Tue Feb 10 18:28:59 GMT 1998
There is a 'No known instrument at this location' message on
akamai window after I stopped Patrol with Idle command.  Load, EOF, and
Idle buttons white and Write button is green.  Tape drive may have
crashed for the day.
MKIII COMMENT: Tue Feb 10 18:31:53 GMT 1998
After first cal sequence finished, white fields went black, akamai
continued normally except for message 'interrupt: ei driver: command field
frozen' after the time header message, then it continued on with
the write message and the t_tape received 2 1 message as normal.
Write button turned black and Idle turned green as normal.
Exabyte continued functioning normally after that "glitch".
MKIII COMMENT: Tue Feb 10 18:44:03 GMT 1998
If there was a light leak, there was no evidence of it on the P+S
monitor.  I did see some subtle radial streaks on the southeast quadrant
```

```
of the KCC monitor and on the xanim display.
Tue Feb 10 18:52:46 GMT 1998      MKIII     Start Patrol
MKIII COMMENT: Tue Feb 10 18:52:54 GMT 1998
Forgot to queue up Patrol.
Tue Feb 10 19:00:15 GMT 1998      PICS      Flat
Tue Feb 10 19:01:08 GMT 1998      CHIP      Bias
Tue Feb 10 19:01:54 GMT 1998      PICS      End Flat
Tue Feb 10 19:02:19 GMT 1998      CHIP      End Bias
Tue Feb 10 19:02:32 GMT 1998      CHIP      Water
Tue Feb 10 19:03:16 GMT 1998      CHIP      End Water
Tue Feb 10 20:01:04 GMT 1998      CHIP      Gain
Tue Feb 10 20:01:25 GMT 1998      PICS      Flat
Tue Feb 10 20:03:04 GMT 1998      PICS      End Flat
Tue Feb 10 20:06:58 GMT 1998      CHIP      End Gain
Tue Feb 10 20:07:08 GMT 1998      CHIP      Bias
Tue Feb 10 20:08:03 GMT 1998      CHIP      End Bias
Tue Feb 10 20:08:13 GMT 1998      CHIP      Water
Tue Feb 10 20:08:53 GMT 1998      CHIP      End Water
Tue Feb 10 21:01:04 GMT 1998      CHIP      Bias
Tue Feb 10 21:02:03 GMT 1998      CHIP      End Bias
Tue Feb 10 21:02:19 GMT 1998      PICS      Flat
Tue Feb 10 21:02:19 GMT 1998      PICS      Flat
Tue Feb 10 21:03:05 GMT 1998      CHIP      End Water
Tue Feb 10 21:04:00 GMT 1998      PICS      End Flat
Tue Feb 10 22:00:29 GMT 1998      PICS      Flat
Tue Feb 10 22:01:04 GMT 1998      CHIP      Bias
Tue Feb 10 22:02:10 GMT 1998      PICS      End Flat
Tue Feb 10 22:02:10 GMT 1998      PICS      End Flat
Tue Feb 10 22:02:20 GMT 1998      CHIP      Water
Tue Feb 10 22:03:06 GMT 1998      CHIP      End Water
Tue Feb 10 22:04:52 GMT 1998      PICS      End Patrol
Tue Feb 10 22:06:40 GMT 1998      CHIP      CHIP End Patrol
Tue Feb 10 22:07:29 GMT 1998      CHIP      ending tape
COMMENT: Tue Feb 10 22:07:42 GMT 1998
Tapes:
MKIII: H01737
PICS:  P01109
CHIP:  C00498
LOWL:  L00495
Tue Feb 10 22:10:13 GMT 1998
        MkIII


17_28.rawmk3    18_24.rawmk3    19_36.rawmk3    20_32.rawmk3    21_27.rawmk3
17_31.rawmk3    18_31.rawmk3    19_39.rawmk3    20_35.rawmk3    21_30.rawmk3
17_34.rawmk3    18_37.rawmk3    19_42.rawmk3    20_37.rawmk3    21_33.rawmk3
17_37.rawmk3    18_44.rawmk3    19_45.rawmk3    20_40.rawmk3    21_36.rawmk3
17_40.rawmk3    18_52.rawmk3    19_48.rawmk3    20_43.rawmk3    21_39.rawmk3
17_43.rawmk3    18_55.rawmk3    19_51.rawmk3    20_46.rawmk3    21_42.rawmk3
```

```
17_46.rawmk3    18_58.rawmk3    19_54.rawmk3    20_49.rawmk3    21_45.rawmk3
17_49.rawmk3    19_01.rawmk3    19_57.rawmk3    20_52.rawmk3    21_48.rawmk3
17_52.rawmk3    19_04.rawmk3    20_00.rawmk3    20_55.rawmk3    21_51.rawmk3
17_55.rawmk3    19_07.rawmk3    20_02.rawmk3    20_58.rawmk3    21_53.rawmk3
17_58.rawmk3    19_10.rawmk3    20_05.rawmk3    21_01.rawmk3    21_56.rawmk3
18_01.rawmk3    19_13.rawmk3    20_08.rawmk3    21_04.rawmk3    21_59.rawmk3
18_03.rawmk3    19_16.rawmk3    20_11.rawmk3    21_07.rawmk3    22_02.rawmk3
18_06.rawmk3    19_19.rawmk3    20_14.rawmk3    21_10.rawmk3    c18_28.rawmk3
18_09.rawmk3    19_22.rawmk3    20_17.rawmk3    21_13.rawmk3    c18_34.rawmk3
18_12.rawmk3    19_24.rawmk3    20_20.rawmk3    21_15.rawmk3    c18_40.rawmk3
18_15.rawmk3    19_27.rawmk3    20_23.rawmk3    21_18.rawmk3
18_18.rawmk3    19_30.rawmk3    20_26.rawmk3    21_21.rawmk3
18_21.rawmk3    19_33.rawmk3    20_29.rawmk3    21_24.rawmk3
```