```
Mauna Loa Solar Observatory Observer's Log
 -----
        Wed Nov 28 16:53:56 GMT 2007
Year: 07 Doy: 332
Observer: yasukawa
WEATHER COMMENT: Wed Nov 28 16:54:14 GMT 2007
In broken altocumulus and cirrus, S wind 7 mph, temp 38 F.
  end
WEATHER COMMENT: Wed Nov 28 17:01:43 GMT 2007
No shadows at this time, not guiding.
  end
A NEW TAPE HAS BEEN PUT INTO KAIEE DLT DRIVE, Wed Nov 28 17:05:06 GMT 2007
Wed Nov 28 17:42:45 GMT 2007
                               CHIP
                                       Start Patrol
Wed Nov 28 17:42:53 GMT 2007
                               MKIV
                                       Start Patrol
Wed Nov 28 17:43:07 GMT 2007
                               PICS
                                       Start Patrol
WEATHER COMMENT: Wed Nov 28 17:42:55 GMT 2007
Some of the altcumulus is burning off, sun rising out of cloud deck.
  end
PSPT COMMENT: Wed Nov 28 17:43:37 GMT 2007
Starting up.
  end
Wed Nov 28 18:00:44 GMT 2007
                               CHIP
                                       LSD
Wed Nov 28 18:02:13 GMT 2007
                               PICS
                                       Flat
Wed Nov 28 18:02:33 GMT 2007
                               CHIP
                                       End LSD
Wed Nov 28 18:02:41 GMT 2007
                               CHIP
                                       BiasLSD
Wed Nov 28 18:03:35 GMT 2007
                               CHIP
                                       End BiasLSD
Wed Nov 28 18:03:50 GMT 2007
                               CHIP
                                       Bias
Wed Nov 28 18:04:27 GMT 2007
                               PICS
                                       End Flat
Wed Nov 28 18:04:35 GMT 2007
                               PICS
                                       ReStart Patrol
Wed Nov 28 18:04:52 GMT 2007
                               CHIP
                                       End Bias
Wed Nov 28 18:04:59 GMT 2007
                               CHIP
                                       ReStart Patrol
Wed Nov 28 18:13:28 GMT 2007
                               MKIV
                                       Start Cal
GONG COMMENT: Wed Nov 28 18:14:16 GMT 2007
Going down to GONG to do weekly PM.
  end
Wed Nov 28 18:32:58 GMT 2007
                              MKIV
                                       Start Patrol
GONG COMMENT: Wed Nov 28 18:36:26 GMT 2007
Back from GONG.
  end
WEATHER COMMENT: Wed Nov 28 18:36:37 GMT 2007
In altocumulus deck. MK4 standing down.
 end
**PSPT PROBLEM**: Wed Nov 28 18:37:04 GMT 2007
Had much catch-up stuff to do, forgot to start PSPT. Waiting for clearing.
end
NICE MK4
             IMAGE: 1800
```

NICE CHIP

IMAGE: 1800

```
NICE PICSLIMB IMAGE: 1802
NICE PICSDISC IMAGE: 1801
Wed Nov 28 18:52:52 GMT 2007
                                MKIV
                                        Start Patrol
WEATHER COMMENT: Wed Nov 28 18:52:51 GMT 2007
Clear.
   end
PSPT COMMENT: Wed Nov 28 18:53:04 GMT 2007
Observing
  _end__
**PSPT PROBLEM**: Wed Nov 28 19:18:33 GMT 2007
Crash, k/r
  end
WEATHER COMMENT: Wed Nov 28 19:31:35 GMT 2007
In altostratus deck, mk4 standing down.
end
Wed Nov 28 19:34:14 GMT 2007
                                MKIV
                                        End Patrol
Wed Nov 28 19:39:14 GMT 2007
                                CHIP
                                         End Patrol
Wed Nov 28 19:39:21 GMT 2007
                                PICS
                                         End Patrol
WEATHER COMMENT: Wed Nov 28 19:41:42 GMT 2007
Fog rolled in. Closed domes. Idling observations.
____end___
WEATHER COMMENT: Wed Nov 28 22:25:50 GMT 2007
In thick fog since 1940 UT.
end
Wed Nov 28 22:26:28 GMT 2007
        MkIV
17 42.rawmk4
              18 03.rawmk4
                              18 35.rawmk4
                                             19 10.rawmk4
                                                            19 31.rawmk4
17_45.rawmk4
              18_06.rawmk4
                              18_52.rawmk4
                                             19_13.rawmk4
                                                            c18_13.rawmk4
17_48.rawmk4
              18_09.rawmk4
                              18_55.rawmk4
                                             19_16.rawmk4
                                                            c18_19.rawmk4
17_51.rawmk4
              18_16.rawmk4
                              18_58.rawmk4
                                             19_19.rawmk4
                                                            c18 25.rawmk4
17_54.rawmk4
              18_22.rawmk4
                              19_01.rawmk4
                                             19_22.rawmk4
17_57.rawmk4
              18_28.rawmk4
                              19_04.rawmk4
                                             19_25.rawmk4
```

19 07.rawmk4

19 28.rawmk4

18 00.rawmk4

18 32.rawmk4