```
Mauna Loa Solar Observatory Observer's Log
   -----
       Wed May 9 16:23:35 GMT 2007
Year: 07 Doy: 129
Observer: yasukawa
WEATHER COMMENT: Wed May 9 16:24:52 GMT 2007
In broken cirrostratus, light SE breeze, temp 38 F.
  end
Wed May 9 16:30:34 GMT 2007 CHIP
                                      Start Patrol
SBM COMMENT: Wed May 9 16:32:27 GMT 2007
Observing.
 end
PSPT COMMENT: Wed May 9 16:34:23 GMT 2007
Starting up.
 end
**PICS PROBLEM**: Wed May 9 16:38:39 GMT 2007
PICS and CHIP are crashed, killing both programs, cycling power to MCC,
restarting PICS and CHIP programs (Run).
PSPT COMMENT: Wed May 9 16:42:44 GMT 2007
Observing.
end
A NEW TAPE HAS BEEN PUT INTO KAIEE DLT DRIVE, Wed May 9 16:46:56 GMT 2007
Wed May 9 16:50:42 GMT 2007 CHIP
                                      Start Patrol
Wed May 9 16:51:07 GMT 2007
                             PICS
                                      Start Patrol
                           MKIV
Wed May 9 17:05:18 GMT 2007
                                     Start Patrol
WEATHER COMMENT: Wed May 9 17:23:33 GMT 2007
In clear hole since around 1714 UT.
end
Wed May 9 18:01:14 GMT 2007
                             PICS
                                      Flat
Wed May 9 18:02:48 GMT 2007
                             CHIP
                                      LSD
Wed May 9 18:03:41 GMT 2007
                             PICS
                                      End Flat
Wed May 9 18:03:49 GMT 2007
                             PICS
                                      ReStart Patrol
Wed May 9 18:04:31 GMT 2007
                                      End LSD
Wed May 9 18:04:41 GMT 2007
                             CHIP
                                      BiasLSD
Wed May 9 18:05:36 GMT 2007
                             CHIP
                                      End BiasLSD
Wed May 9 18:05:44 GMT 2007
                             CHIP
                                      Bias
Wed May 9 18:06:38 GMT 2007
                             CHIP
                                      End Bias
Wed May 9 18:06:45 GMT 2007
                             CHIP
                                      ReStart Patrol
WEATHER COMMENT: Wed May 9 18:14:04 GMT 2007
Clear hole again.
end
Wed May 9 18:16:12 GMT 2007
                             MKIV
                                     End Patrol
Wed May 9 18:16:18 GMT 2007
                             MKIV
                                     Start Cal
Wed May 9 18:35:00 GMT 2007
                             MKIV
                                     End Cal
```

MKIV

Start Patrol

Wed May 9 18:35:06 GMT 2007

WEATHER COMMENT: Wed May 9 18:51:54 GMT 2007

```
In extensive cirrus, pausing mk4 and sbm.
end
NICE MK4
             IMAGE: 1734
NICE PICSLIMB IMAGE: 1734
Wed May 9 18:53:11 GMT 2007
                              MKIV
                                      End Patrol
NICE PICSDISC IMAGE: 1733
NICE CHIP
             IMAGE: 1735
Wed May 9 19:30:40 GMT 2007
                                       End Patrol
                              CHIP
Wed May 9 19:30:41 GMT 2007
                                       End Patrol
                              PICS
COMMENT: Wed May 9 19:30:43 GMT 2007
Reconfiguring dome shutter.
end
Wed May 9 19:36:28 GMT 2007
                              CHIP
                                       Start Patrol
Wed May 9 19:36:40 GMT 2007
                              PICS
                                       Start Patrol
Wed May 9 19:40:24 GMT 2007
                              MKIV
                                      Start Patrol
WEATHER COMMENT: Wed May 9 19:40:43 GMT 2007
Cirrostratus thinned, Resuming mk4 and SBM obs.
end
Wed May 9 19:52:32 GMT 2007
                              MKIV
                                      End Patrol
WEATHER COMMENT: Wed May 9 19:52:41 GMT 2007
In cirrostratus, pausing mk4 and sbm again.
  end
Wed May 9 20:20:32 GMT 2007
                              MKIV
                                      Start Patrol
WEATHER COMMENT: Wed May 9 20:20:56 GMT 2007
Clear hole, resume mk4 & sbm.
  end
WEATHER COMMENT: Wed May 9 20:24:26 GMT 2007
Hole was very brief. Paused mk4 and sbm.
end
Wed May 9 20:26:41 GMT 2007
                              MKIV
                                      End Patrol
COMMENT: Wed May 9 22:31:05 GMT 2007
May have taken a couple of CHIP and or PICS images of the dome while
fiddling with rotating slot to west and closing mk4 dust cap.
 end
**PSPT PROBLEM**: Wed May 9 23:41:26 GMT 2007
PSPT crashed at 2135, k/r
  end
COMMENT: Thu May 10 01:02:21 GMT 2007
Declination recentered itself, repointed and reset guider.
end
Thu May 10 02:22:40 GMT 2007
                              PICS
                                       End Patrol
Thu May 10 02:27:48 GMT 2007
                              CHIP
                                       End Patrol
Thu May 10 02:32:54 GMT 2007
       MkIV
17 58.rawmk4
                                           18 35.rawmk4 19 49.rawmk4
17 08.rawmk4 17 34.rawmk4 18 01.rawmk4
                                          18 38.rawmk4 20 20.rawmk4
```

17 37.rawmk4 18 04.rawmk4

18 40.rawmk4

20 23.rawmk4

17_11.rawmk4

17_14.rawmk4	17_40.rawmk4	18_07.rawmk4	18_43.rawmk4	c18_16.rawmk4
17_17.rawmk4	17_43.rawmk4	18_10.rawmk4	18_46.rawmk4	c18_22.rawmk4
17_20.rawmk4	17_46.rawmk4	18_13.rawmk4	18_49.rawmk4	c18_28.rawmk4
17_23.rawmk4	17_49.rawmk4	18_19.rawmk4	19_40.rawmk4	
17_25.rawmk4	17_52.rawmk4	18_25.rawmk4	19_43.rawmk4	
17_28.rawmk4	17_55.rawmk4	18_31.rawmk4	19_46.rawmk4	