```
Mauna Loa Solar Observatory Observer's Log
    ______
       Sat Jul 23 18:35:01 GMT 2005
Year: 05 Doy: 204
Observer: stueben
COMMENT: Sat Jul 23 18:35:29 GMT 2005
Rather late starting up today, hwy 190 was closed due to a brush fire and I had
to make a rather long detour around to get on Saddle Rd through Waimea.
 end
WEATHER COMMENT: Sat Jul 23 18:37:29 GMT 2005
Clear, wind southeast 10-15 mph, temp 40F.
 end
Sat Jul 23 18:43:06 GMT 2005
                              MKIV
                                      Start Patrol
Sat Jul 23 18:43:37 GMT 2005
                              CHIP
                                       Start Patrol
Sat Jul 23 18:43:58 GMT 2005
                              PICS
                                       Start Patrol
ECHO COMMENT: Sat Jul 23 18:47:46 GMT 2005
Time OK.
  end
PSPT COMMENT: Sat Jul 23 19:04:59 GMT 2005
Observing.
  end
WEATHER COMMENT: Sat Jul 23 19:13:27 GMT 2005
Orographic clouds are beginning to degrade images.
 end
A NEW TAPE HAS BEEN PUT INTO KAIEE DLT DRIVE, Sat Jul 23 19:30:36 GMT 2005
**PSPT PROBLEM**: Sat Jul 23 19:35:50 GMT 2005
Crashed about 1935UT, killed and restarted.
 end
Sat Jul 23 19:39:41 GMT 2005
                              CHIP
                                       End Patrol
Sat Jul 23 19:39:50 GMT 2005
                              PICS
                                       End Patrol
Sat Jul 23 19:42:11 GMT 2005
                              MKIV
                                      End Patrol
Sat Jul 23 19:49:39 GMT 2005
                              CHIP
                                       Start Patrol
Sat Jul 23 19:49:52 GMT 2005
                              PICS
                                       Start Patrol
COMMENT: Sat Jul 23 19:50:40 GMT 2005
Reconfigured dome shutter.
  end
WEATHER COMMENT: Sat Jul 23 20:01:50 GMT 2005
Clouds are getting dense, idling instruments.
  end
Sat Jul 23 20:02:28 GMT 2005
                               CHIP
                                       End Patrol
Sat Jul 23 20:03:45 GMT 2005
                              PICS
                                       End Patrol
A NEW PSPT EXABYTE IS LOADED ON KENOBI Sat Jul 23 20:33:09 GMT 2005
NICE CHIP
             IMAGE: 1907
NICE PICSDISC IMAGE: 1859
NICE PICSLIMB IMAGE: 1900
NICE MK4
             IMAGE: 1900
Sun Jul 24 00:31:25 GMT 2005
```

## MkIV

| 18_43.rawmk4 | 18_54.rawmk4 | 19_06.rawmk4 | 19_18.rawmk4 | 19_30.rawmk4 |
|--------------|--------------|--------------|--------------|--------------|
| 18_46.rawmk4 | 18_57.rawmk4 | 19_09.rawmk4 | 19_21.rawmk4 | 19_33.rawmk4 |
| 18_49.rawmk4 | 19_00.rawmk4 | 19_12.rawmk4 | 19_24.rawmk4 | 19_36.rawmk4 |
| 18 52.rawmk4 | 19 03.rawmk4 | 19 15.rawmk4 | 19 27.rawmk4 | 19 38.rawmk4 |