```
Mauna Loa Solar Observatory Observer's Log
   ______
       Tue Aug 8 16:38:16 GMT 2006
Year: 06 Doy: 220
Observer: stueben
WEATHER COMMENT: Tue Aug 8 16:41:16 GMT 2006
Clear, wind south 5-10 mph, temp 40F.
end
Tue Aug 8 16:44:13 GMT 2006
                              CHIP
                                       Start Patrol
Tue Aug 8 16:44:32 GMT 2006
                              PICS
                                       Start Patrol
SBM COMMENT: Tue Aug 8 16:45:56 GMT 2006
Observing.
___end_
PSPT COMMENT: Tue Aug 8 16:54:19 GMT 2006
Observing.
____end
Tue Aug 8 16:57:48 GMT 2006
                              MKIV
                                      Start Patrol
Tue Aug 8 17:15:59 GMT 2006
                              MKIV
                                      End Patrol
Tue Aug 8 17:16:05 GMT 2006
                                      Start Cal
                              MKIV
Tue Aug 8 17:34:48 GMT 2006
                                      End Cal
                              MKIV
Tue Aug 8 17:34:54 GMT 2006
                              MKIV
                                      Start Patrol
Tue Aug 8 18:00:12 GMT 2006
                              PICS
                                      Flat
Tue Aug 8 18:02:39 GMT 2006
                                       End Flat
                              PICS
Tue Aug 8 18:02:46 GMT 2006
                                       ReStart Patrol
                              PICS
Tue Aug 8 18:02:46 GMT 2006
                              CHIP
                                       LSD
Tue Aug 8 18:04:36 GMT 2006
                              CHIP
                                       End LSD
Tue Aug 8 18:04:48 GMT 2006
                              CHIP
                                       BiasLSD
Tue Aug 8 18:05:31 GMT 2006
                                       End BiasLSD
                              CHIP
Tue Aug 8 18:05:39 GMT 2006
                                       Bias
                              CHIP
Tue Aug 8 18:06:21 GMT 2006
                              CHIP
                                       End Bias
Tue Aug 8 18:06:29 GMT 2006
                              CHIP
                                       ReStart Patrol
Tue Aug 8 21:27:48 GMT 2006
                              CHIP
                                       End Patrol
Tue Aug 8 21:27:57 GMT 2006
                              PICS
                                      End Patrol
Tue Aug 8 21:30:57 GMT 2006
                              MKIV
                                      End Patrol
COMMENT: Tue Aug 8 21:34:31 GMT 2006
Darryl and I have been removing the HAO equipment from the NOAA tower, we
as a result we didn't reconfigure the dome shutter at the usual time - just did
it now.
  end
WEATHER COMMENT: Tue Aug 8 21:37:25 GMT 2006
Orographic clouds are beginning to degrade images.
end
Tue Aug 8 21:38:05 GMT 2006
                              MKIV
                                      Start Patrol
Tue Aug 8 21:38:21 GMT 2006
                              CHIP
                                       Start Patrol
Tue Aug 8 21:38:33 GMT 2006
                              PICS
                                       Start Patrol
COMMENT: Tue Aug 8 21:53:17 GMT 2006
We have removed the tower equipment and loaded it into the GSA truck and have it
```

```
outside. Lunch break, then we'll see how much we can pack up for shipping
on Thursday. The long crate is warped and broken, it needs repair before
packing.
end
SBM COMMENT: Tue Aug 8 21:57:41 GMT 2006
Paused due to clouds.
  end
Tue Aug 8 22:01:14 GMT 2006
                                          End Patrol
                                CHIP
Tue Aug 8 22:01:20 GMT 2006
                                          End Patrol
                                PICS
                                         End Patrol
Tue Aug 8 22:02:04 GMT 2006
                                MKIV
WEATHER COMMENT: Tue Aug 8 22:26:52 GMT 2006
Getting some fog nearby, instruments paused and domes closed.
  end
NICE CHIP
              IMAGE: 1735
NICE PICSDISC IMAGE: 1735
NICE PICSLIMB IMAGE: 1732
NICE MK4
              IMAGE: 1731
COMMENT: Wed Aug 9 02:26:18 GMT 2006
Finished repairing and packing the crate, it weighs 143 pounds. Finished
packing the packing cases with everything, they are in their cardboard boxes
too but those need to be sealed with tape. Everything except the crate needs
to be weighed. Everything needs to be labeled with shipping address, and
Fedex packing slip needs to be generated. All else done, a hard day's work,
even for 2 people - Darryl and Allen.
 end
Wed Aug 9 02:34:53 GMT 2006
        MkIV
16_57.rawmk4
               18_07.rawmk4
                              19_05.rawmk4
                                             20_08.rawmk4
                                                             21_07.rawmk4
17_00.rawmk4
               18_10.rawmk4
                              19_08.rawmk4
                                             20_11.rawmk4
                                                             21_10.rawmk4
17 03.rawmk4
               18 13.rawmk4
                              19 11.rawmk4
                                             20 14.rawmk4
                                                             21 13.rawmk4
17_06.rawmk4
               18_16.rawmk4
                              19_14.rawmk4
                                             20_17.rawmk4
                                                             21 15.rawmk4
                                             20_20.rawmk4
17_09.rawmk4
               18_18.rawmk4
                              19_17.rawmk4
                                                             21_18.rawmk4
17 12.rawmk4
               18 21.rawmk4
                              19 20.rawmk4
                                             20 23.rawmk4
                                                             21 21.rawmk4
17 19.rawmk4
               18 24.rawmk4
                              19 23.rawmk4
                                             20 26.rawmk4
                                                             21 24.rawmk4
17 25.rawmk4
               18 27.rawmk4
                              19 26.rawmk4
                                             20 29.rawmk4
                                                             21 27.rawmk4
               18 30.rawmk4
                              19 29.rawmk4
                                             20 31.rawmk4
17 31.rawmk4
                                                             21 38.rawmk4
17_34.rawmk4
               18_33.rawmk4
                              19_35.rawmk4
                                             20_34.rawmk4
                                                             21_41.rawmk4
17 37.rawmk4
               18 36.rawmk4
                              19 39.rawmk4
                                             20 37.rawmk4
                                                             21 43.rawmk4
17 40.rawmk4
               18 39.rawmk4
                              19 41.rawmk4
                                             20 40.rawmk4
                                                             21 46.rawmk4
17_43.rawmk4
               18_42.rawmk4
                              19_44.rawmk4
                                             20_43.rawmk4
                                                             21_49.rawmk4
17 46.rawmk4
               18 45.rawmk4
                              19 47.rawmk4
                                             20 46.rawmk4
                                                             21 52.rawmk4
17 49.rawmk4
               18 48.rawmk4
                              19 50.rawmk4
                                             20 49.rawmk4
                                                             21 55.rawmk4
17_52.rawmk4
               18_51.rawmk4
                              19_53.rawmk4
                                             20_52.rawmk4
                                                             21_58.rawmk4
17 55.rawmk4
               18 54.rawmk4
                              19 56.rawmk4
                                             20 55.rawmk4
                                                             c17 16.rawmk4
17 58.rawmk4
               18 57.rawmk4
                              19 59.rawmk4
                                             20 58.rawmk4
                                                             c17 22.rawmk4
18 01.rawmk4
               19 00.rawmk4
                              20 02.rawmk4
                                              21 01.rawmk4
                                                             c17 28.rawmk4
18 04.rawmk4
               19 02.rawmk4
                              20 05.rawmk4
                                             21 04.rawmk4
```