

```
>-----  
>                               Mauna Loa Solar Observatory Observer's Log  
>-----  
>           Sun Nov  9 17:18:19 GMT 2008  
>Year: 08  Doy: 314  
>Observer: koon  
>WEATHER COMMENT: Sun Nov  9 17:18:21 GMT 2008  
>Clear sky, wind=15 mph from the SE, temp=48F.  
>__end__  
>Sun Nov  9 17:23:00 GMT 2008    MKIV    Start Patrol  
>Sun Nov  9 17:23:22 GMT 2008    CHIP    Start Patrol  
>Sun Nov  9 17:23:35 GMT 2008    PICS    Start Patrol  
>WEATHER COMMENT: Sun Nov  9 17:29:58 GMT 2008  
>Very thin cirrostratus overcast.  
>__end__  
>MKIV COMMENT: Sun Nov  9 17:30:25 GMT 2008  
>Pausing due to clouds.  
>__end__  
>Sun Nov  9 17:35:07 GMT 2008    MKIV    End Patrol  
>PSPT COMMENT: Sun Nov  9 17:38:49 GMT 2008  
>obs  
>__end__  
>***MLSO PROBLEM** : Sun Nov  9 17:58:13 GMT 2008  
>Can't get through to MLSO webpage, network works for other things.  
>__end__  
>Sun Nov  9 18:00:15 GMT 2008    PICS    Flat  
>Sun Nov  9 18:02:41 GMT 2008    PICS    End Flat  
>Sun Nov  9 18:02:52 GMT 2008    CHIP    LSD  
>Sun Nov  9 18:02:54 GMT 2008    PICS    ReStart Patrol  
>Sun Nov  9 18:04:41 GMT 2008    CHIP    End LSD  
>Sun Nov  9 18:04:49 GMT 2008    CHIP    BiasLSD  
>Sun Nov  9 18:05:42 GMT 2008    CHIP    End BiasLSD  
>Sun Nov  9 18:05:50 GMT 2008    CHIP    Bias  
>Sun Nov  9 18:06:43 GMT 2008    CHIP    End Bias  
>Sun Nov  9 18:06:50 GMT 2008    CHIP    ReStart Patrol  
>Sun Nov  9 19:50:45 GMT 2008    MKIV    Start Cal  
>Sun Nov  9 20:09:27 GMT 2008    MKIV    End Cal  
>COMMENT: Sun Nov  9 20:33:46 GMT 2008  
>Lost Dec guiding, repointed and reset guider.  
>__end__  
>***PSPT PROBLEM** : Sun Nov  9 21:39:38 GMT 2008  
>Wind causing telescope oscillations at times.  
>__end__  
>MKIV COMMENT: Sun Nov  9 21:40:07 GMT 2008  
>Pausing due to clouds.  
>__end__  
>WEATHER COMMENT: Sun Nov  9 21:40:18 GMT 2008  
>Light to medium cirrostratus overcast.
```

```
>__end__
>Sun Nov 9 21:41:48 GMT 2008 MKIV End Patrol
>PSPT COMMENT: Sun Nov 9 22:39:28 GMT 2008
>Re-homed the filter wheel, images looked over or under exposed sometimes.
>__end__
>PSPT COMMENT: Sun Nov 9 23:49:25 GMT 2008
>Crashed, restarted.
>__end__
>NICE MK4 IMAGE: 2013
>NICE PICSDISC IMAGE: 1744
>NICE PICSLIMB IMAGE: 2006
>NICE CHIP IMAGE: 2001
>Mon Nov 10 01:47:00 GMT 2008 CHIP End Patrol
>Mon Nov 10 01:47:09 GMT 2008 PICS End Patrol
>Mon Nov 10 02:20:44 GMT 2008
> MkIV
>
>17_23.rawmk4 20_13.rawmk4 20_41.rawmk4 21_05.rawmk4 21_28.rawmk4
>17_26.rawmk4 20_16.rawmk4 20_44.rawmk4 21_08.rawmk4 21_34.rawmk4
>17_29.rawmk4 20_19.rawmk4 20_47.rawmk4 21_11.rawmk4 21_38.rawmk4
>17_31.rawmk4 20_25.rawmk4 20_50.rawmk4 21_14.rawmk4 c19_50.rawmk4
>19_53.rawmk4 20_28.rawmk4 20_53.rawmk4 21_17.rawmk4 c19_56.rawmk4
>19_59.rawmk4 20_32.rawmk4 20_56.rawmk4 21_19.rawmk4 c20_03.rawmk4
>20_06.rawmk4 20_36.rawmk4 20_59.rawmk4 21_22.rawmk4
>20_09.rawmk4 20_38.rawmk4 21_02.rawmk4 21_25.rawmk4
```