```
Mauna Loa Solar Observatory Observer's Log
 ______
      Sun Sep 8 16:27:09 GMT 2019
Year: 19 Doy: 251
Observer: waters
GENERAL OBSERVATORY COMMENT BY waters: Sun Sep 8 16:39:21 GMT 2019
Shabar seemed to be frozen this morning. I'm not sure but it looked as if it was running but wouldn't respond to any input
. Forced it closed and restarting it seems to have it back up and running.
end
WEATHER COMMENT: waters: Sun Sep 8 16:41:35 GMT 2019
Temp 38F with windspeed at about 7-13mph from the South. Sky looks clear!
end
GENERAL COMMENT BY waters: Sun Sep 08 16:53:40 GMT 2019
PM Blew off Kcor O1
  end
GENERAL OBSERVATORY COMMENT BY waters: Sun Sep 8 16:53:52 GMT 2019
Windows opened upstairs
 end
Sun Sep 08 17:09:05 GMT 2019 SGS Alignment complete
GENERAL OBSERVATORY COMMENT BY waters: Sun Sep 8 17:08:40 GMT 2019
Kcor above dome
end
GENERAL OBSERVATORY COMMENT BY waters: Sun Sep 8 17:11:22 GMT 2019
Sky is almost too bright, will keep an eye on the sky
Sun Sep 08 17:11:50 GMT 2019 Kcor Focus/alignment program exited
Sun Sep 08 17:13:12 GMT 2019 KCOR Modulation started in the proper state
Sun Sep 08 17:14:52 GMT 2019 KCOR Start Synoptic Patrol
Sun Sep 08 18:50:20 GMT 2019 KCOR End Patrol
Sun Sep 08 18:50:40 GMT 2019 SGS Alignment complete
Sun Sep 08 18:50:43 GMT 2019 KCOR Start Synoptic Patrol
Sun Sep 08 19:13:29 GMT 2019 KCOR End Patrol
Sun Sep 08 19:13:30 GMT 2019 KCOR Start Calibration script: c:\kcor\mlso-calibration22deq-20171025.ini
Sun Sep 08 19:28:49 GMT 2019 KCOR End Calibration Script
Sun Sep 08 19:29:06 GMT 2019 KCOR Start Synoptic Patrol
Sun Sep 08 19:29:07 GMT 2019 KCOR Start Synoptic Patrol
Sun Sep 08 19:38:16 GMT 2019 KCOR End Patrol
Sun Sep 08 19:38:40 GMT 2019 SGS Alignment complete
Sun Sep 08 19:38:44 GMT 2019 KCOR Start Synoptic Patrol
GENERAL OBSERVATORY COMMENT BY waters: Sun Sep 8 21:05:24 GMT 2019
Gave a quick tour to two conference goers from Kona.
end
Sun Sep 08 21:08:27 GMT 2019 KCOR End Patrol
Sun Sep 08 21:08:47 GMT 2019 SGS Alignment complete
Sun Sep 08 21:08:50 GMT 2019 KCOR Start Synoptic Patrol
Sun Sep 08 21:54:59 GMT 2019 KCOR End Patrol
```

GENERAL OBSERVATORY COMMENT BY waters: Sun Sep 8 21:55:42 GMT 2019

```
Some clouds crossing, Kcor idled for a bit.

__end__
Sun Sep 08 21:58:01 GMT 2019 KCOR Start Synoptic Patrol
Sun Sep 08 21:58:19 GMT 2019 KCOR End Patrol
Sun Sep 08 22:00:10 GMT 2019 KCOR Start Synoptic Patrol
Sun Sep 08 22:07:30 GMT 2019 KCOR End Patrol
GENERAL OBSERVATORY COMMENT BY waters: Sun Sep 8 22:37:59 GMT 2019
Some of the clouds coming in from the West-Southwest are looking low, closing the dome just in case.

__end__
GENERAL OBSERVATORY COMMENT BY waters: Sun Sep 8 22:56:09 GMT 2019
Clouds look much darker and will be here to stay for the rest of the day. Heading out for the day.

__end___
```

ONSITE STAFF: waters