```
--------------------------------------------------------------------------
          Mauna Loa Solar Observatory Observer's Log
--------------------------------------------------------------------------
          Wed Dec 21 17:05:52 GMT 2016
Year: 16  Doy: 356
Observer: waters
WEATHER COMMENT: waters: Wed Dec 21 17:17:06 GMT 2016
Temp 39F with windspeed at about 10mph from the Southeast.
Some cirrus on the Eaastern and Northern horizon, with a little bit in the Suns' path. Otherwise, it's clear overhead. Hop
efully the cirrus will pass and we'll be able to take some data! Boardwalk had some frosty planks and the road as well but
 not too bad.
___end___
GONG COMMENT BY waters: Wed Dec 21 17:19:43 GMT 2016
Gong has been unstowed.
___end___
Wed Dec 21 17:54:28 GMT 2016 SGS Alignment complete
Wed Dec 21 17:55:16 GMT 2016 CoMP occulter has been re-centered
Wed Dec 21 17:55:19 GMT 2016 Kcor Focus/alignment program exited
Wed Dec 21 17:58:43 GMT 2016 COMP Start Patrol on cookbook: synoptic-00007.cbk
GENERAL OBSERVATORY COMMENT BY waters: Wed Dec 21 18:00:55 GMT 2016
There is just enough cirrus covering the Sun for Kcor to take reasonable data but Comop looks fine. Will wait a bit on kco
r.
___end___
Wed Dec 21 18:16:38 GMT 2016 KCOR Start Synoptic Patrol
Wed Dec 21 19:16:08 GMT 2016 KCOR End Patrol
Wed Dec 21 19:16:10 GMT 2016 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20150323.ini
Wed Dec 21 19:33:14 GMT 2016 KCOR End Calibration Script
Wed Dec 21 19:33:31 GMT 2016 KCOR Start Synoptic Patrol
Wed Dec 21 19:33:32 GMT 2016 KCOR Start Synoptic Patrol
Wed Dec 21 20:01:12 GMT 2016 KCOR End Patrol
Wed Dec 21 20:02:04 GMT 2016 SGS Alignment complete
Wed Dec 21 20:02:06 GMT 2016 KCOR Start Synoptic Patrol
Wed Dec 21 20:02:10 GMT 2016 CoMP Paused for clouds
Wed Dec 21 20:02:31 GMT 2016 CoMP Restarted from pause
Wed Dec 21 20:40:36 GMT 2016 COMP End Patrol
Wed Dec 21 20:40:45 GMT 2016 KCOR End Patrol
Wed Dec 21 20:41:38 GMT 2016 SGS Alignment complete
Wed Dec 21 20:41:55 GMT 2016 KCOR Start Synoptic Patrol
Wed Dec 21 20:42:46 GMT 2016 CoMP occulter has been re-centered
Wed Dec 21 20:42:49 GMT 2016 COMP Start Patrol on cookbook: waves-00001.cbk
GENERAL OBSERVATORY COMMENT BY waters: Wed Dec 21 20:43:04 GMT 2016
Comp occulter adjusted.
___end___
Wed Dec 21 21:59:25 GMT 2016 KCOR End Patrol
Wed Dec 21 21:59:57 GMT 2016 CoMP Paused for clouds
Wed Dec 21 22:02:15 GMT 2016 SGS Alignment complete
Wed Dec 21 22:02:17 GMT 2016 KCOR Start Synoptic Patrol
Wed Dec 21 22:02:21 GMT 2016 CoMP Restarted from pause
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Wed Dec 21 22:18:27 GMT 2016 COMP End Patrol
Wed Dec 21 22:20:20 GMT 2016 CoMP occulter has been re-centered
Wed Dec 21 22:20:24 GMT 2016 COMP Start Patrol on cookbook: synoptic-00007.cbk
GENERAL OBSERVATORY COMMENT BY waters: Wed Dec 21 22:20:50 GMT 2016
Comp occulter adjusted
___end___
GENERAL OBSERVATORY COMMENT BY waters: Wed Dec 21 23:05:01 GMT 2016
Shabar getting blocked by the dome.
___end___
Wed Dec 21 23:06:21 GMT 2016 KCOR End Patrol
Wed Dec 21 23:06:37 GMT 2016 CoMP Paused for clouds
Wed Dec 21 23:07:52 GMT 2016 SGS Alignment complete
Wed Dec 21 23:07:56 GMT 2016 CoMP Restarted from pause
Wed Dec 21 23:08:00 GMT 2016 KCOR Start Synoptic Patrol
Thu Dec 22 00:32:58 GMT 2016 CoMP Paused for clouds
Thu Dec 22 00:33:01 GMT 2016 KCOR End Patrol
Thu Dec 22 00:33:48 GMT 2016 SGS Alignment complete
Thu Dec 22 00:33:48 GMT 2016 KCOR Start Synoptic Patrol
Thu Dec 22 00:33:53 GMT 2016 CoMP Restarted from pause
Thu Dec 22 00:49:25 GMT 2016 KCOR End Patrol
Thu Dec 22 00:49:29 GMT 2016 CoMP Paused for clouds
Thu Dec 22 00:50:02 GMT 2016 KCOR Start Synoptic Patrol
Thu Dec 22 00:50:06 GMT 2016 CoMP Restarted from pause
GENERAL OBSERVATORY COMMENT BY waters: Thu Dec 22 00:55:32 GMT 2016
Got some free floating clouds coming in, will keep an eye on them.
___end___
Thu Dec 22 01:05:14 GMT 2016 COMP End Patrol
Thu Dec 22 01:06:11 GMT 2016 CoMP occulter has been re-centered
Thu Dec 22 01:06:14 GMT 2016 COMP Start Patrol on cookbook: waves-00001.cbk
Thu Dec 22 02:20:48 GMT 2016 KCOR End Patrol
Thu Dec 22 02:20:57 GMT 2016 COMP End Patrol
GENERAL OBSERVATORY COMMENT BY waters: Thu Dec 22 02:27:49 GMT 2016
Absolutely wonderfully clear sky today. Lots of particulates in the afternoon but a full day of data! A wonderful solstice
 to all!
___end___