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Mauna Loa Solar Observatory Observer's Log  
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Fri Dec 29 16:56:08 GMT 2017

Year: 17 Doy: 363

Observer: waters

WEATHER COMMENT: waters: Fri Dec 29 17:02:57 GMT 2017

Temp 33F with windspeed at about 8-13mph from the South-Southeast. There are a few scattered cirrus bands and the sky looks a little bright but otherwise, it's clear.

\_\_\_\_end\_\_\_\_

GENERAL COMMENT BY waters: Fri Dec 29 17:18:07 GMT 2017

PM Blew off Kcor 01

\_\_\_\_end\_\_\_\_

GENERAL COMMENT BY waters: Fri Dec 29 17:18:10 GMT 2017

PM Blew off CoMP 01

\_\_\_\_end\_\_\_\_

Fri Dec 29 17:53:12 GMT 2017 SGS Alignment complete

Fri Dec 29 17:59:54 GMT 2017 SGS Alignment complete

Fri Dec 29 18:00:01 GMT 2017 CoMP occulter has been re-centered

GENERAL OBSERVATORY COMMENT BY waters: Fri Dec 29 18:00:04 GMT 2017

Kcor above the dome.

\_\_\_\_end\_\_\_\_

Fri Dec 29 18:01:09 GMT 2017 Kcor Focus/alignment program exited

Fri Dec 29 18:01:30 GMT 2017 COMP Start Patrol on cookbook: synoptic-00012.cbk

Fri Dec 29 18:08:13 GMT 2017 KCOR Start Synoptic Patrol

Fri Dec 29 19:00:49 GMT 2017 KCOR End Patrol

Fri Dec 29 19:00:51 GMT 2017 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20171025.ini

Fri Dec 29 19:16:10 GMT 2017 KCOR End Calibration Script

Fri Dec 29 19:16:27 GMT 2017 KCOR Start Synoptic Patrol

Fri Dec 29 19:16:28 GMT 2017 KCOR Start Synoptic Patrol

Fri Dec 29 19:36:10 GMT 2017 KCOR End Patrol

Fri Dec 29 19:36:10 GMT 2017 COMP End Patrol

Fri Dec 29 19:37:00 GMT 2017 SGS Alignment complete

Fri Dec 29 19:36:55 GMT 2017 KCOR Start Synoptic Patrol

Fri Dec 29 19:37:13 GMT 2017 CoMP occulter has been re-centered

Fri Dec 29 19:37:15 GMT 2017 COMP Start Patrol on cookbook: synoptic-00012.cbk

Fri Dec 29 19:48:50 GMT 2017 Kcor sees an SGS Guiding Error closing lens cover

Fri Dec 29 19:48:51 GMT 2017 KCOR End Patrol

Fri Dec 29 19:49:52 GMT 2017 KCOR Start Synoptic Patrol

GENERAL OBSERVATORY COMMENT BY waters: Fri Dec 29 19:51:42 GMT 2017

Was still clicked in the Y field on SGS in the engineering tab. Added a number to the field and then hit enter, which caused the spar to move off the Sun. Was able to change the number back but not before Kcor closed its lens cover. Off the engineering tab and have clicked out of the GUI just in case.

\_\_\_\_end\_\_\_\_

Fri Dec 29 21:11:40 GMT 2017 COMP End Patrol

Fri Dec 29 21:11:34 GMT 2017 KCOR End Patrol

Fri Dec 29 21:13:11 GMT 2017 SGS Alignment complete

Fri Dec 29 21:13:14 GMT 2017 KCOR Start Synoptic Patrol

Fri Dec 29 21:13:57 GMT 2017 CoMP occulter has been re-centered

Fri Dec 29 21:13:59 GMT 2017 COMP Start Patrol on cookbook: waves-00003.cbk

GENERAL OBSERVATORY COMMENT BY waters: Fri Dec 29 21:48:02 GMT 2017

The nitrogen cyclinders were not replenished this week and we are almost running on empty. There was enough to fill the dewar today and Greg helped me locate some extra that NOAA had around. There is a medium size dewar in the NDSC building by the entrance that NOAA is willing to let us use until the next nitrogen delivery comes in. Hopefully it will last us. Thank you Greg!

\_\_\_\_end\_\_\_\_

GENERAL OBSERVATORY COMMENT BY waters: Fri Dec 29 22:14:24 GMT 2017

Just got a call from Greg, the nitrogen delivery guys are on there way up. Thank you!

\_\_\_\_end\_\_\_\_

Fri Dec 29 22:46:03 GMT 2017 KCOR End Patrol

Fri Dec 29 22:46:33 GMT 2017 COMP End Patrol

Fri Dec 29 22:47:15 GMT 2017 SGS Alignment complete

Fri Dec 29 22:47:20 GMT 2017 KCOR Start Synoptic Patrol

Fri Dec 29 22:47:43 GMT 2017 CoMP occulter has been re-centered

Fri Dec 29 22:47:45 GMT 2017 COMP Start Patrol on cookbook: synoptic-00012.cbk

Sat Dec 30 00:22:30 GMT 2017 COMP End Patrol

Sat Dec 30 00:22:31 GMT 2017 COMP Start Patrol on cookbook: synoptic-00012.cbk

Sat Dec 30 00:53:24 GMT 2017 KCOR End Patrol

Sat Dec 30 00:55:45 GMT 2017 KCOR Start Synoptic Patrol

GENERAL OBSERVATORY COMMENT BY waters: Sat Dec 30 00:55:54 GMT 2017

Some clouds passed through, kcor idled but pushed through with CoMP.

\_\_\_\_end\_\_\_\_

Sat Dec 30 01:07:52 GMT 2017 KCOR End Patrol

Sat Dec 30 01:08:30 GMT 2017 CoMP Paused for clouds

GENERAL OBSERVATORY COMMENT BY waters: Sat Dec 30 01:08:29 GMT 2017

Clouds coming in, instruments idled.

\_\_\_\_end\_\_\_\_

Sat Dec 30 02:46:25 GMT 2017 CoMP Restarted from pause

Sat Dec 30 02:46:26 GMT 2017 COMP End Patrol

GENERAL OBSERVATORY COMMENT BY waters: Sat Dec 30 02:54:39 GMT 2017

Doghouse locked but can be pushed open without unlocking.

\_\_\_\_end\_\_\_\_

GENERAL OBSERVATORY COMMENT BY waters: Sat Dec 30 02:56:23 GMT 2017

Good day for taking data, aerosols came up in the afternoon and clouds came in for the last couple hours but otherwise a nice day.

\_\_\_\_end\_\_\_\_