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Mauna Loa Solar Observatory Observer's Log  
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Wed Oct 4 17:25:34 GMT 2017

Year: 17 Doy: 277

Observer: waters

WEATHER COMMENT: waters: Wed Oct 4 17:25:46 GMT 2017

Temp 47F with windspeed between 2-7 mph from the Southeast. Bands of cirrus are currently in front of the Sun at the moment with a few scattered to the South-Southwest. Will wait to start up the instruments.

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

GENERAL OBSERVATORY COMMENT BY waters: Wed Oct 4 17:27:36 GMT 2017

Arrived late because Ben asked me to cover his shift this morning.

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

KCOR COMMENT BY waters: Wed Oct 4 17:44:18 GMT 2017

Restarting Kcor computer as it got locked into trying to reset the Focus.vi after it wouldn't respond.

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

Wed Oct 04 17:51:26 GMT 2017 Kcor Focus/alignment program exited

Wed Oct 04 17:52:50 GMT 2017 SGS Alignment complete

Wed Oct 04 17:53:25 GMT 2017 CoMP occulter has been re-centered

Wed Oct 04 17:54:05 GMT 2017 Kcor Focus/alignment program exited

Wed Oct 04 17:54:57 GMT 2017 COMP Start Patrol on cookbook: synoptic-00010.cbk

Wed Oct 04 17:55:30 GMT 2017 CoMP Paused for clouds

Wed Oct 04 17:58:18 GMT 2017 KCOR Start Synoptic Patrol

Wed Oct 04 17:57:47 GMT 2017 CoMP Restarted from pause

Wed Oct 04 17:59:41 GMT 2017 KCOR End Patrol

Wed Oct 04 17:59:23 GMT 2017 CoMP Paused for clouds

GENERAL OBSERVATORY COMMENT BY waters: Wed Oct 4 17:59:02 GMT 2017

Still cirrus passing through, instruments idled.

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

Wed Oct 04 18:32:29 GMT 2017 CoMP Restarted from pause

Wed Oct 04 18:33:10 GMT 2017 KCOR Start Synoptic Patrol

GENERAL COMMENT BY Observer: Wed Oct 04 18:33:19 GMT 2017

PM Blew off Kcor O1

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

GENERAL COMMENT BY Observer: Wed Oct 04 18:33:23 GMT 2017

PM Blew off CoMP O1

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

GENERAL OBSERVATORY COMMENT BY waters: Wed Oct 4 18:47:45 GMT 2017

The faintest of cirrus passing through, pushing through it.

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

Wed Oct 04 18:57:15 GMT 2017 KCOR End Patrol

Wed Oct 04 19:01:40 GMT 2017 KCOR Start Synoptic Patrol

KCOR COMMENT BY waters: Wed Oct 4 19:01:18 GMT 2017

Paused Kcor for a little bit to try and address the two bullet holes in the Southwest corner.

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

GENERAL OBSERVATORY COMMENT BY waters: Wed Oct 4 19:01:55 GMT 2017

Sky starting to get a little bright

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

Wed Oct 04 19:07:30 GMT 2017 KCOR End Patrol  
GENERAL OBSERVATORY COMMENT BY waters: Wed Oct 4 19:06:56 GMT 2017  
Sky's a little too bright for Kcor at the moment, instrument idled for a bit.

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

Wed Oct 04 19:14:23 GMT 2017 KCOR Start Synoptic Patrol  
Wed Oct 04 19:33:20 GMT 2017 KCOR End Patrol  
GENERAL COMMENT BY Observer: Wed Oct 04 19:33:12 GMT 2017  
Sky got too bright for Kcor, instrument idled

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

Wed Oct 04 19:36:55 GMT 2017 KCOR Start Synoptic Patrol  
Wed Oct 04 19:38:13 GMT 2017 KCOR End Patrol  
Wed Oct 04 19:41:17 GMT 2017 CoMP Paused for clouds  
GENERAL OBSERVATORY COMMENT BY waters: Wed Oct 4 19:41:11 GMT 2017  
Getting too bright for CoMP, instruments idled.

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

Wed Oct 04 19:47:14 GMT 2017 KCOR Start Synoptic Patrol  
Wed Oct 04 19:46:46 GMT 2017 CoMP Restarted from pause  
GENERAL OBSERVATORY COMMENT BY waters: Wed Oct 4 20:03:17 GMT 2017  
Greg let us know that we had some packages for us down in the NDac building. Thanks!

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

WEATHER COMMENT: waters: Wed Oct 4 20:19:29 GMT 2017  
Wind is up to about 17mph from the Northeast. Keeping an eye on it.

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

Wed Oct 04 20:45:53 GMT 2017 KCOR End Patrol  
Wed Oct 04 20:45:55 GMT 2017 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20150323.ini  
Wed Oct 04 21:01:15 GMT 2017 KCOR End Calibration Script  
Wed Oct 04 21:01:33 GMT 2017 KCOR Start Synoptic Patrol  
Wed Oct 04 21:01:34 GMT 2017 KCOR Start Synoptic Patrol  
Wed Oct 04 21:09:26 GMT 2017 KCOR End Patrol  
GENERAL OBSERVATORY COMMENT BY waters: Wed Oct 4 21:09:14 GMT 2017  
Sky getting really bright, instruments idled

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

Wed Oct 04 21:09:55 GMT 2017 CoMP Paused for clouds  
Wed Oct 04 21:32:10 GMT 2017 KCOR Start Synoptic Patrol  
Wed Oct 04 21:31:41 GMT 2017 CoMP Restarted from pause  
GENERAL OBSERVATORY COMMENT BY waters: Wed Oct 4 21:30:31 GMT 2017

Went down to the GONG shelter to swap the Command Board in the instrument chassis and while it was down, I exercised the P  
itch Head to see if it was a bit sticky. It was a little hard to move initially but got easier after I worked it from one  
hard stop to the other. Let's hope this helps with the ocsillation problem they seem in the morning.

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

Wed Oct 04 21:40:22 GMT 2017 COMP End Patrol  
Wed Oct 04 21:41:01 GMT 2017 KCOR End Patrol  
Wed Oct 04 21:42:12 GMT 2017 SGS Alignment complete  
Wed Oct 04 21:42:34 GMT 2017 KCOR Start Synoptic Patrol  
Wed Oct 04 21:42:19 GMT 2017 CoMP occulter has been re-centered  
Wed Oct 04 21:43:46 GMT 2017 COMP Start Patrol on cookbook: waves-00001.cbk  
Wed Oct 04 21:47:38 GMT 2017 KCOR End Patrol

Wed Oct 04 21:47:28 GMT 2017 CoMP Paused for clouds  
GENERAL OBSERVATORY COMMENT BY waters: Wed Oct 4 21:47:20 GMT 2017  
Sky bright again, instruments idled

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

GENERAL OBSERVATORY COMMENT BY waters: Wed Oct 4 22:02:57 GMT 2017  
Cirrus covering the majority of the sky in the West., Hoping it clears.

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

Thu Oct 05 00:48:41 GMT 2017 SGS Alignment complete  
Thu Oct 05 00:49:29 GMT 2017 Kcor Focus/alignment program exited  
Thu Oct 05 00:50:43 GMT 2017 CoMP Restarted from pause  
Thu Oct 05 00:50:43 GMT 2017 COMP End Patrol  
Thu Oct 05 00:51:11 GMT 2017 CoMP occulter has been re-centered  
Thu Oct 05 00:54:06 GMT 2017 CoMP occulter has been re-centered  
GENERAL OBSERVATORY COMMENT BY waters: Thu Oct 5 00:54:08 GMT 2017  
Thought we had an opening but it was a sucker hole...

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

GENERAL OBSERVATORY COMMENT BY waters: Thu Oct 5 00:54:35 GMT 2017  
We have magnets!!!! Looks like some of the things we ordered for the Solar walk and astro day have arrived as well as some from Ncar. Thank you!!!

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

GENERAL OBSERVATORY COMMENT BY waters: Thu Oct 5 02:26:07 GMT 2017  
Got a little bit of data in the morning before the cirrus rolled in for good. Hopefully tomorrow will be a better day for the sky!

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