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Mauna Loa Solar Observatory Observer's Log  
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Sat Sep 2 16:37:07 GMT 2017

Year: 17 Doy: 245

Observer: waters

WEATHER COMMENT BY waters: Sat Sep 2 16:37:10 GMT 2017

Temp 45F with windspeed at about 11-16mph from the East-Southeast. There are clouds sitting on Saddle but below the observatory at the moment. Will keep an eye on them but otherwise the sky is clear.

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

KCOR COMMENT BY waters: Sat Sep 2 16:49:23 GMT 2017

Kcor O1 blown off

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

Sat Sep 02 17:06:34 GMT 2017 SGS Alignment complete

Sat Sep 02 17:06:23 GMT 2017 CoMP occulter has been re-centered

Sat Sep 02 17:08:02 GMT 2017 Kcor Focus/alignment program exited

Sat Sep 02 17:08:15 GMT 2017 COMP Start Patrol on cookbook: synoptic-00010.cbk

GENERAL OBSERVATORY COMMENT BY waters: Sat Sep 2 17:13:03 GMT 2017

Looks like there is some thin cirrus sitting on the horizon at present and is too bright to run instruments. Idled until it passes.

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

Sat Sep 02 17:18:27 GMT 2017 CoMP Paused for clouds

GENERAL OBSERVATORY COMMENT BY waters: Sat Sep 2 18:08:10 GMT 2017

Sky is still too bright at the moment...

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

Sat Sep 02 18:24:24 GMT 2017 CoMP Restarted from pause

Sat Sep 02 18:26:18 GMT 2017 KCOR Start Synoptic Patrol

KCOR COMMENT BY waters: Sat Sep 2 18:29:07 GMT 2017

There's almost what looks like a small glow in the Synoptic Acquisition images that is hard to tell if it's in the image gifs we have. Will pause Kcor to blow off the lense to see if it can be addressed.

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

Sat Sep 02 18:38:31 GMT 2017 KCOR End Patrol

Sat Sep 02 18:43:48 GMT 2017 KCOR Start Synoptic Patrol

KCOR COMMENT BY waters: Sat Sep 2 18:42:05 GMT 2017

There was a piece what looked like very thin wood shaving on the upper West part of the lense. I was able to blow it to the edge off the lense but then a piece of blue thread showed up. Went back and forth trying to get the O1 free from those two, which I eventually succeeded, however the O1 should be removed and blown off so that we get rid of whatever is between the lense and the structure holding it in.

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

Sat Sep 02 19:04:19 GMT 2017 KCOR End Patrol

Sat Sep 02 19:04:20 GMT 2017 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20150323.ini

Sat Sep 02 19:19:42 GMT 2017 KCOR End Calibration Script

Sat Sep 02 19:20:04 GMT 2017 KCOR Start Synoptic Patrol

Sat Sep 02 19:20:11 GMT 2017 KCOR Start Synoptic Patrol

Sat Sep 02 19:20:12 GMT 2017 KCOR End Patrol

GENERAL OBSERVATORY COMMENT BY waters: Sat Sep 2 19:18:17 GMT 2017

Some thin cirrus passed during Kcor calibration, will redo the calibration when the sky has cleared up. Too bright for just Kcor, instrument idled.

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

Sat Sep 02 19:26:29 GMT 2017 CoMP Paused for clouds  
Sat Sep 02 20:36:59 GMT 2017 CoMP Restarted from pause  
Sat Sep 02 20:38:06 GMT 2017 KCOR Start Synoptic Patrol  
Sat Sep 02 20:39:54 GMT 2017 KCOR End Patrol  
Sat Sep 02 20:41:23 GMT 2017 KCOR Start Synoptic Patrol  
GENERAL OBSERVATORY COMMENT BY waters: Sat Sep 2 20:39:48 GMT 2017  
Very thin cirrus passed through, idled Kcor for a little bit.

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

GENERAL OBSERVATORY COMMENT BY waters: Sat Sep 2 21:01:08 GMT 2017  
Started the Kcor CME detection GUI as per Ben's request. Took a little bit but we were able to nail down the proper instructions to get the GUI up.

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

Sat Sep 02 21:18:37 GMT 2017 KCOR End Patrol  
Sat Sep 02 21:19:04 GMT 2017 KCOR Start Synoptic Patrol  
Sat Sep 02 21:45:38 GMT 2017 CoMP Paused for clouds  
Sat Sep 02 21:46:16 GMT 2017 CoMP Restarted from pause  
Sat Sep 02 21:48:33 GMT 2017 KCOR End Patrol  
Sat Sep 02 21:47:56 GMT 2017 CoMP Paused for clouds  
GENERAL OBSERVATORY COMMENT BY waters: Sat Sep 2 21:46:58 GMT 2017  
Some clouds drifting past, instruemtns idled for a little bit.

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

Sat Sep 02 21:52:55 GMT 2017 CoMP Restarted from pause  
Sat Sep 02 21:54:22 GMT 2017 KCOR Start Synoptic Patrol  
Sat Sep 02 21:59:36 GMT 2017 KCOR End Patrol  
Sat Sep 02 21:58:43 GMT 2017 CoMP Paused for clouds  
GENERAL OBSERVATORY COMMENT BY waters: Sat Sep 2 22:18:09 GMT 2017  
Clouds are getting a little low, closing the dome just in case

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

Sun Sep 03 00:09:05 GMT 2017 CoMP Restarted from pause  
Sun Sep 03 00:09:05 GMT 2017 COMP End Patrol  
Sun Sep 03 00:09:40 GMT 2017 CoMP occulter has been re-centered  
Sun Sep 03 00:12:20 GMT 2017 CoMP occulter has been re-centered  
Sun Sep 03 00:17:50 GMT 2017 Kcor sees an SGS Guiding Error closing lens cover  
Sun Sep 03 00:17:51 GMT 2017 KCOR End Patrol  
Sun Sep 03 00:18:04 GMT 2017 Kcor sees an SGS Guiding Error closing lens cover  
Sun Sep 03 00:18:05 GMT 2017 KCOR End Patrol  
Sun Sep 03 00:18:52 GMT 2017 SGS Alignment complete  
Sun Sep 03 00:19:03 GMT 2017 CoMP occulter has been re-centered  
Sun Sep 03 00:19:06 GMT 2017 COMP Start Patrol on cookbook: waves-00001.cbk  
Sun Sep 03 00:20:11 GMT 2017 KCOR Start Synoptic Patrol  
Sun Sep 03 00:33:51 GMT 2017 KCOR End Patrol  
Sun Sep 03 00:32:59 GMT 2017 CoMP Paused for clouds  
GENERAL OBSERVATORY COMMENT BY waters: Sun Sep 3 00:33:20 GMT 2017  
A bit of clouds passing through, instruments idled

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

Sun Sep 03 00:37:37 GMT 2017 KCOR Start Synoptic Patrol  
Sun Sep 03 00:36:41 GMT 2017 CoMP Restarted from pause

Sun Sep 03 00:38:13 GMT 2017 KCOR End Patrol  
Sun Sep 03 00:37:29 GMT 2017 CoMP Paused for clouds  
Sun Sep 03 00:43:14 GMT 2017 KCOR Start Synoptic Patrol  
Sun Sep 03 00:42:18 GMT 2017 CoMP Restarted from pause  
Sun Sep 03 00:51:32 GMT 2017 KCOR End Patrol  
Sun Sep 03 00:50:59 GMT 2017 CoMP Paused for clouds  
Sun Sep 03 00:52:01 GMT 2017 CoMP Restarted from pause  
Sun Sep 03 00:53:46 GMT 2017 KCOR Start Synoptic Patrol  
Sun Sep 03 01:01:06 GMT 2017 KCOR End Patrol  
Sun Sep 03 01:00:29 GMT 2017 CoMP Paused for clouds  
Sun Sep 03 01:02:20 GMT 2017 CoMP Restarted from pause  
Sun Sep 03 01:04:09 GMT 2017 KCOR Start Synoptic Patrol  
Sun Sep 03 01:05:28 GMT 2017 KCOR End Patrol  
Sun Sep 03 01:05:55 GMT 2017 KCOR Start Synoptic Patrol  
Sun Sep 03 01:06:55 GMT 2017 KCOR End Patrol  
Sun Sep 03 01:06:59 GMT 2017 CoMP Paused for clouds  
Sun Sep 03 01:16:26 GMT 2017 KCOR Start Synoptic Patrol  
Sun Sep 03 01:15:30 GMT 2017 CoMP Restarted from pause  
Sun Sep 03 01:29:02 GMT 2017 KCOR End Patrol  
Sun Sep 03 01:32:27 GMT 2017 KCOR Start Synoptic Patrol  
Sun Sep 03 01:34:58 GMT 2017 KCOR End Patrol

GENERAL OBSERVATORY COMMENT BY waters: Sun Sep 3 01:35:21 GMT 2017

It's gotten a little bright for Kcor, instrument idled for a bit.

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

Sun Sep 03 01:44:04 GMT 2017 KCOR Start Synoptic Patrol  
Sun Sep 03 01:50:20 GMT 2017 KCOR End Patrol  
Sun Sep 03 01:49:29 GMT 2017 CoMP Paused for clouds  
Sun Sep 03 01:52:21 GMT 2017 CoMP Restarted from pause  
Sun Sep 03 01:54:37 GMT 2017 KCOR Start Synoptic Patrol  
Sun Sep 03 01:55:11 GMT 2017 KCOR End Patrol  
Sun Sep 03 01:54:29 GMT 2017 CoMP Paused for clouds  
Sun Sep 03 01:58:50 GMT 2017 KCOR Start Synoptic Patrol  
Sun Sep 03 01:57:56 GMT 2017 CoMP Restarted from pause  
Sun Sep 03 02:21:29 GMT 2017 COMP End Patrol  
Sun Sep 03 02:21:30 GMT 2017 COMP Start Patrol on cookbook: synoptic-00010.cbk  
Sun Sep 03 02:35:24 GMT 2017 KCOR End Patrol  
Sun Sep 03 02:36:40 GMT 2017 KCOR Start Synoptic Patrol  
Sun Sep 03 02:52:15 GMT 2017 KCOR End Patrol  
Sun Sep 03 02:51:46 GMT 2017 COMP End Patrol

GENERAL OBSERVATORY COMMENT BY waters: Sun Sep 3 02:57:06 GMT 2017

Today was a mixed bag. The morning had a bit of cirrus but eventually cleared up and then we were in and out of clouds for a good chunk of the afternoon. Hoepfully tomorrow will bring a more consistent blue sky.

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