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Mauna Loa Solar Observatory Observer's Log  
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Sun Sep 10 16:39:22 GMT 2017

Year: 17 Doy: 253

Observer: waters

WEATHER COMMENT: waters: Sun Sep 10 16:39:25 GMT 2017

Temp 42F with windspeed at about 3-8mph from the South. Vog is at about 9000-10,000 ft but otherwise, the sky looks clear.

The board walk was a bit slick this morning.

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

Sun Sep 10 16:58:41 GMT 2017 SGS Alignment complete

Sun Sep 10 16:57:56 GMT 2017 CoMP occulter has been re-centered

Sun Sep 10 16:59:27 GMT 2017 COMP Start Patrol on cookbook: synoptic-00010.cbk

KCOR COMMENT BY waters: Sun Sep 10 17:04:38 GMT 2017

Kcor O1 blown off.

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

Sun Sep 10 17:08:50 GMT 2017 Kcor Focus/alignment program exited

Sun Sep 10 17:12:14 GMT 2017 KCOR Start Synoptic Patrol

Sun Sep 10 17:34:11 GMT 2017 KCOR End Patrol

Sun Sep 10 17:37:59 GMT 2017 KCOR Start Synoptic Patrol

KCOR COMMENT BY waters: Sun Sep 10 17:37:54 GMT 2017

It looked as if there was some dust or debris in the Kcor data on the South(West). Turned off science and went to blow it off. Unfortunately, doesn't look like it moved and to top it off it was bad timing on my part.

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

\*\*\*\*Possible CME in Progress waters\*\*\*\*\*: Sun Sep 10 17:49:19 GMT 2017

Possible just before 17:11:58 UT, at PA 265, a cme can be seen faintly moving in Kcor.

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

You can check out the image data at:

<http://mlso.hao.ucar.edu>

Sun Sep 10 19:22:57 GMT 2017 SGS Alignment complete

Sun Sep 10 19:41:21 GMT 2017 COMP End Patrol

Sun Sep 10 19:42:06 GMT 2017 CoMP occulter has been re-centered

Sun Sep 10 19:42:09 GMT 2017 COMP Start Patrol on cookbook: waves-00001.cbk

Sun Sep 10 20:04:44 GMT 2017 KCOR End Patrol

Sun Sep 10 20:03:59 GMT 2017 CoMP Paused for clouds

GENERAL OBSERVATORY COMMENT BY waters: Sun Sep 10 20:03:22 GMT 2017

A few clouds are currently passing; instruments idled for a little bit,

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

Sun Sep 10 20:05:40 GMT 2017 CoMP Restarted from pause

Sun Sep 10 20:07:15 GMT 2017 KCOR Start Synoptic Patrol

Sun Sep 10 20:12:19 GMT 2017 KCOR End Patrol

Sun Sep 10 20:11:29 GMT 2017 CoMP Paused for clouds

Sun Sep 10 20:19:41 GMT 2017 KCOR Start Synoptic Patrol

Sun Sep 10 20:18:45 GMT 2017 CoMP Restarted from pause

Sun Sep 10 20:20:10 GMT 2017 KCOR End Patrol

Sun Sep 10 20:19:59 GMT 2017 CoMP Paused for clouds

GENERAL OBSERVATORY COMMENT BY waters: Sun Sep 10 20:19:52 GMT 2017

Some low looking clouds coming up, instruments idled and dome closed just in case.

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

GENERAL OBSERVATORY COMMENT BY waters: Sun Sep 10 21:07:43 GMT 2017

Blowing fog to the West of the observatory.

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

GENERAL OBSERVATORY COMMENT BY waters: Sun Sep 10 21:28:59 GMT 2017

The feature in the Kcor data that I thought might be some dust or debris might actually be a feature in the corona; it appears to be expanding as the cme launches. Not entirely sure though.

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

\*\*\*\*EVENT COMMENT BY waters\*\*\*\* : Mon Sep 11 01:36:26 GMT 2017

In GONG at PA 265, a prominence can be seen growing throughout the day.

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

Mon Sep 11 01:49:01 GMT 2017 CoMP Restarted from pause

Mon Sep 11 01:49:02 GMT 2017 CoMP End Patrol

GENERAL OBSERVATORY COMMENT BY waters: Mon Sep 11 01:55:25 GMT 2017

Sky was good this morning until about 1020 am HST when the clouds started to roll in. Been in and out of fog since. Hoping tomorrow will be a better day.

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