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Mauna Loa Solar Observatory Observer's Log  
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Sat Dec 20 17:12:58 GMT 2014

Year: 14 Doy: 354

Observer: waters

WEATHER COMMENT: waters: Sat Dec 20 17:13:01 GMT 2014

Looks clear, temp 41F with windspeed at about 12mph with some gusts up to 20mph.

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

Sat Dec 20 17:33:24 GMT 2014: PSPT Start Patrol

Sat Dec 20 17:56:56 GMT 2014 COMP Start Patrol

Sat Dec 20 18:00:07 GMT 2014 KCOR Start Synoptic Patrol

Sat Dec 20 18:00:31 GMT 2014 KCOR End Patrol

Sat Dec 20 18:01:38 GMT 2014 KCOR Start Synoptic Patrol

GENERAL OBSERVATORY COMMENT BY waters: Sat Dec 20 18:04:29 GMT 2014

The SGS measured a sharp spike in Voltage for a couple second before coming back down in the declination, which triggered Kcor to automatically close its lens cover. Data was marked science at the time. I've seen this spike once before but it wa sn't as windy/gusty as today.

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

Sat Dec 20 19:03:01 GMT 2014 KCOR End Patrol

Sat Dec 20 19:03:01 GMT 2014 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg.ini

Sat Dec 20 19:18:44 GMT 2014 KCOR End Calibration Script

Sat Dec 20 19:18:52 GMT 2014 KCOR Start Synoptic Patrol

Sat Dec 20 20:54:26 GMT 2014 KCOR End Patrol

Sat Dec 20 20:54:40 GMT 2014 COMP End Patrol

Sat Dec 20 21:00:33 GMT 2014 COMP Start Patrol

Sat Dec 20 21:02:34 GMT 2014 KCOR Start Synoptic Patrol

Sat Dec 20 23:58:10 GMT 2014 COMP End Patrol

Sat Dec 20 23:58:10 GMT 2014 COMP Start Patrol

Sun Dec 21 00:19:44 GMT 2014 COMP End Patrol

Sun Dec 21 00:20:16 GMT 2014 COMP Start Patrol

GENERAL OBSERVATORY COMMENT BY waters: Sun Dec 21 00:20:17 GMT 2014

SGS and Comp realigned. Also, I did this earlier as well, forgot to log it.

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

\*\*\*\*Possible CME in Progress waters\*\*\*\*: Sun Dec 21 01:20:31 GMT 2014

Between PA 75-85, a CME can be seen in GONG starting to launch at 23:02UT. It can be seen in Kcor at 00:32UT.

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

You can check out the image data at:

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

GENERAL OBSERVATORY COMMENT BY waters: Sun Dec 21 02:03:12 GMT 2014

Pspt sent out an email that said it crashed but it hasn't crashed all day. I hope it doesn't keep sending them out.

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

Sun Dec 21 02:20:40 GMT 2014 COMP End Patrol

Sun Dec 21 02:20:48 GMT 2014 KCOR End Patrol

Sun Dec 21 02:25:11 GMT 2014: PSPT Abort Patrol

\*\*\*\*Possible CME in Progress waters\*\*\*\*: Sun Dec 21 02:29:23 GMT 2014

It looks like a second CME launches from the same spot as the one earlier just a little bit after it, at 1:44UT.

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

You can check out the image data at:  
<http://mlso.hao.ucar.edu>