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Mauna Loa Solar Observatory Observer's Log  
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Sun Jan 10 17:14:14 GMT 2016

Year: 16 Doy: 010

Observer: waters

WEATHER COMMENT: waters: Sun Jan 10 17:14:21 GMT 2016

Temp 40F with windspeed at about 14mph from the West-Southwest. Clear sky at present.

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

GENERAL OBSERVATORY COMMENT BY waters: Sun Jan 10 17:38:07 GMT 2016

Had to switch the positions of the two ladders in order to get the spar on the Sun. Working with the new set up there will be fun.

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

KCOR COMMENT BY waters: Sun Jan 10 18:15:32 GMT 2016

Kcor kept getting this error this morning: Exception occurred in SPiiPlusCONM660.Channel.1: Code 130, Timeout expired in K-cor -ACS - Enable.vi->K-Cor - Mechanism -Get Mech Position.vi->K-Cor MC4U Controller.vi

Hitting the user-mode driver program did nothing and neither did restarting the computer. Did a complete shut down and reboot as we do when the UPS goes offline to get it to work again.

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

\*\*\*\*Possible CME in Progress waters\*\*\*\*: Sun Jan 10 18:22:36 GMT 2016

At 17:53UT between PA 290-300, a small cme can be seen launching. Can be seen in GONG.

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

You can check out the image data at:

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

Sun Jan 10 18:31:40 GMT 2016 KCOR Start Synoptic Patrol

KCOR COMMENT BY waters: Sun Jan 10 18:30:35 GMT 2016

Socketcam was unhappy about the reboot, but just restarting the computer fixed the problem. Took longer than expected but Kcor is up again.

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

Sun Jan 10 19:12:09 GMT 2016 KCOR End Patrol

Sun Jan 10 19:12:10 GMT 2016 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20150323.ini

Sun Jan 10 19:29:21 GMT 2016 KCOR End Calibration Script

Sun Jan 10 19:29:38 GMT 2016 KCOR Start Synoptic Patrol

Sun Jan 10 19:29:38 GMT 2016 KCOR Start Synoptic Patrol

GENERAL OBSERVATORY COMMENT BY waters: Sun Jan 10 20:37:45 GMT 2016

SGS adjusted

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

Sun Jan 10 22:01:24 GMT 2016 KCOR End Patrol

GENERAL OBSERVATORY COMMENT BY waters: Sun Jan 10 22:02:15 GMT 2016

SGS adjusted. Spar started oscillating, Kcor idled for now.

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

Sun Jan 10 22:04:32 GMT 2016 KCOR Start Synoptic Patrol

GENERAL OBSERVATORY COMMENT BY waters: Sun Jan 10 22:04:29 GMT 2016

Got the spar back, Kcor restarted.

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

GENERAL OBSERVATORY COMMENT BY waters: Sun Jan 10 22:44:46 GMT 2016

SGS adjusted.

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

GENERAL OBSERVATORY COMMENT BY waters: Sun Jan 10 23:55:29 GMT 2016

SGS adjusted

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

GENERAL OBSERVATORY COMMENT BY waters: Mon Jan 11 00:46:41 GMT 2016

The Vog has made its way up the mountain now. Sky is getting a bit bright but Kcor still seems to be doing okay. Will keep an eye on the air.

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

Mon Jan 11 00:54:29 GMT 2016 KCOR End Patrol

GENERAL OBSERVATORY COMMENT BY waters: Mon Jan 11 00:54:51 GMT 2016

Clouds have come up from Saddle, Kcor idled.

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

Mon Jan 11 01:37:40 GMT 2016 KCOR Start Synoptic Patrol

Mon Jan 11 01:55:52 GMT 2016 KCOR End Patrol

GENERAL OBSERVATORY COMMENT BY waters: Mon Jan 11 02:26:10 GMT 2016

The new dome is really quiet. It's almost scary quiet. It's pretty awesome, otherwise. Thanks again!

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