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Mauna Loa Solar Observatory Observer's Log  
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Mon Nov 13 16:20:51 GMT 2017

Year: 17 Doy: 317

Observer: waters

WEATHER COMMENT: waters: Mon Nov 13 16:39:34 GMT 2017

Temp 37F with windspeed at about 7-11mph from the Southwest. Clear sky.

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

GENERAL COMMENT BY waters: Mon Nov 13 16:42:44 GMT 2017

A bit chilly today, the board walk was a bit slick coming up and Kcor temp is currently at 34.6C. Should be warming up soon enough but it's starting to feel more like fall, with winter just around the corner.

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

KCOR COMMENT BY waters: Mon Nov 13 17:03:41 GMT 2017

An exception occurred when I opened the Focus vi on Kcor. The SpiiPlus timedout when trying to get talk to the MC4U controller. The User-Mode Driver on the desktop did not fix the exception. Restarted Kcor to see if that helped. Full message below:

Exception occurred in SPiiPlusCOM660.Channel.1: Code 130, Timeout expired in K-Cor-ACS-Enable.vi->K-Cor Mechanism-Get Mech Position.vi->K-cor MC4U Controller.vi

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

GENERAL COMMENT BY waters: Mon Nov 13 17:09:00 GMT 2017

PM Blew off Kcor O1

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

GENERAL COMMENT BY waters: Mon Nov 13 17:09:07 GMT 2017

PM Blew off CoMP O1

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

Mon Nov 13 17:21:19 GMT 2017 Kcor Focus/alignment program exited

Mon Nov 13 17:30:04 GMT 2017 SGS Alignment complete

Mon Nov 13 17:29:59 GMT 2017 CoMP occulter has been re-centered

Mon Nov 13 17:31:27 GMT 2017 COMP Start Patrol on cookbook: synoptic-00010.cbk

Mon Nov 13 17:33:32 GMT 2017 Kcor Focus/alignment program exited

Mon Nov 13 17:36:34 GMT 2017 KCOR Start Synoptic Patrol

KCOR COMMENT BY waters: Mon Nov 13 17:37:51 GMT 2017

Restarting the Kcor computer did not solve the exception. Ben found that there was a fault with one of the encoders and so he rebooted the Spii system to fix the error.

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

Mon Nov 13 19:22:54 GMT 2017 KCOR End Patrol

Mon Nov 13 19:22:14 GMT 2017 CoMP Paused for clouds

GENERAL COMMENT BY waters: Mon Nov 13 19:22:09 GMT 2017

Some cirrus from the West is passing through, instruments idled.

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

Mon Nov 13 19:54:03 GMT 2017 CoMP Restarted from pause

Mon Nov 13 19:56:35 GMT 2017 CoMP Paused for clouds

Mon Nov 13 21:54:23 GMT 2017 CoMP Restarted from pause

Mon Nov 13 21:54:24 GMT 2017 COMP End Patrol

Mon Nov 13 21:57:01 GMT 2017 SGS Alignment complete

Mon Nov 13 21:55:51 GMT 2017 CoMP occulter has been re-centered

Mon Nov 13 21:58:34 GMT 2017 Kcor Focus/alignment program exited

Mon Nov 13 21:59:47 GMT 2017 CoMP occulter has been re-centered  
Mon Nov 13 22:01:25 GMT 2017 COMP Start Patrol on cookbook: waves-00001.cbk  
Mon Nov 13 22:03:15 GMT 2017 KCOR Start Synoptic Patrol  
Mon Nov 13 22:10:40 GMT 2017 KCOR End Patrol  
Mon Nov 13 22:09:59 GMT 2017 CoMP Paused for clouds  
Mon Nov 13 22:10:20 GMT 2017 CoMP Restarted from pause  
Mon Nov 13 22:11:17 GMT 2017 KCOR Start Synoptic Patrol  
GENERAL COMMENT BY waters: Mon Nov 13 22:12:06 GMT 2017  
The sky seems to be alternating between a little bright to not too bright and back again. Will keep an eye on it but for now, taking data.  
\_\_\_\_end\_\_\_\_  
Mon Nov 13 23:03:46 GMT 2017 KCOR End Patrol  
Mon Nov 13 23:04:01 GMT 2017 KCOR Start Synoptic Patrol  
Mon Nov 13 23:34:59 GMT 2017 COMP End Patrol  
Mon Nov 13 23:36:00 GMT 2017 KCOR End Patrol  
Mon Nov 13 23:37:29 GMT 2017 SGS Alignment complete  
Mon Nov 13 23:36:33 GMT 2017 CoMP occulter has been re-centered  
GENERAL COMMENT BY waters: Mon Nov 13 23:36:40 GMT 2017  
Some cirrus coming in from the Southwest again, instruments idled.  
\_\_\_\_end\_\_\_\_  
Mon Nov 13 23:54:00 GMT 2017 KCOR Start Synoptic Patrol  
Mon Nov 13 23:54:08 GMT 2017 COMP Start Patrol on cookbook: synoptic-00010.cbk  
Mon Nov 13 23:57:40 GMT 2017 KCOR End Patrol  
Mon Nov 13 23:58:06 GMT 2017 CoMP Paused for clouds  
Tue Nov 14 00:27:48 GMT 2017 KCOR Start Synoptic Patrol  
Tue Nov 14 00:26:57 GMT 2017 CoMP Restarted from pause  
Tue Nov 14 00:30:40 GMT 2017 KCOR End Patrol  
GENERAL COMMENT BY waters: Tue Nov 14 00:29:19 GMT 2017  
Clouds again, instruments idled.  
\_\_\_\_end\_\_\_\_  
Tue Nov 14 00:31:22 GMT 2017 CoMP Paused for clouds  
Tue Nov 14 00:38:17 GMT 2017 KCOR Start Synoptic Patrol  
Tue Nov 14 00:39:02 GMT 2017 KCOR End Patrol  
Tue Nov 14 00:54:22 GMT 2017 CoMP Restarted from pause  
Tue Nov 14 00:56:18 GMT 2017 KCOR Start Synoptic Patrol  
Tue Nov 14 01:03:54 GMT 2017 KCOR End Patrol  
Tue Nov 14 01:03:54 GMT 2017 CoMP Paused for clouds  
Tue Nov 14 01:17:53 GMT 2017 CoMP Restarted from pause  
Tue Nov 14 01:19:02 GMT 2017 KCOR Start Synoptic Patrol  
Tue Nov 14 01:20:22 GMT 2017 KCOR End Patrol  
Tue Nov 14 01:19:37 GMT 2017 CoMP Paused for clouds  
Tue Nov 14 01:26:56 GMT 2017 KCOR Start Synoptic Patrol  
Tue Nov 14 01:26:02 GMT 2017 CoMP Restarted from pause  
Tue Nov 14 01:36:21 GMT 2017 KCOR End Patrol  
Tue Nov 14 01:36:14 GMT 2017 CoMP Paused for clouds  
Tue Nov 14 01:44:12 GMT 2017 KCOR Start Synoptic Patrol  
Tue Nov 14 01:43:19 GMT 2017 CoMP Restarted from pause  
GENERAL COMMENT BY waters: Tue Nov 14 01:44:12 GMT 2017

Sky is a little bright but still going to try and take some data.

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

Tue Nov 14 02:06:41 GMT 2017 KCOR End Patrol

Tue Nov 14 02:06:09 GMT 2017 COMP End Patrol

\*\*GENERAL PROBLEM COMMENT BY berkey\*\* : Tue Nov 14 02:20:50 GMT 2017

The building cam computer crashed at some point Saturday. Looks like it could have been off or hung in some mode such that the clock stoped running. Not sure what the issue was but it is back up and running now.

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

GENERAL COMMENT BY berkey: Tue Nov 14 02:21:10 GMT 2017

PM Description Luburicated the RA worm gear.

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