
Mauna Loa Solar Observatory Observer's Log

Sun Nov 20 17:03:17 GMT 2016

Year: 16 Doy: 325

Observer: waters

WEATHER COMMENT: waters: Sun Nov 20 17:04:32 GMT 2016

Temp 42F with windspeed at about 12mph from the Southeast. Scattered cirrus to the West and a little bit in the East but currently, the Sun has a clear path.

____end____

Sun Nov 20 17:16:23 GMT 2016 Kcor Focus/alignment program exited

KCOR COMMENT BY waters: Sun Nov 20 17:06:02 GMT 2016

I got the same error I got last Sunday that caused me a bit of trouble.

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

I followed the steps that I had written up last Sunday but they didn't work. I then remembered that I also pulled the top two of the four big plugs on the top Nema box, as if doing a proper reboot after a ups failed. This got SPiiPlus happy again. I should write the steps as I do them, not later. Anywho, Kcor occulter again was out of focus. Moved it back in and will start taking data once it is above the dome.

____end____

Sun Nov 20 17:31:59 GMT 2016 SGS Alignment complete

Sun Nov 20 17:32:42 GMT 2016 CoMP occulter has been re-centered

Sun Nov 20 17:35:04 GMT 2016 Kcor Focus/alignment program exited

Sun Nov 20 17:35:25 GMT 2016 COMP Start Patrol on cookbook: synoptic-00007.cbk

Sun Nov 20 17:39:25 GMT 2016 KCOR Start Synoptic Patrol

Sun Nov 20 17:58:43 GMT 2016 CoMP Paused for clouds

Sun Nov 20 17:58:49 GMT 2016 KCOR End Patrol

GENERAL OBSERVATORY COMMENT BY waters: Sun Nov 20 17:59:06 GMT 2016

Some cirrus bands coming in from the West. Kcor and Comp idled for a bit.

____end____

GENERAL OBSERVATORY COMMENT BY waters: Sun Nov 20 19:40:26 GMT 2016

Cirrocumulus coming in from the South-Southwest at present but it looks like part of it isn't in the path of the Sun, so we might get some clear sky in a bit. Here's to hoping...

____end____

Sun Nov 20 19:52:28 GMT 2016 SGS Alignment complete

Sun Nov 20 19:52:44 GMT 2016 Kcor Focus/alignment program exited

Sun Nov 20 19:53:04 GMT 2016 CoMP Restarted from pause

Sun Nov 20 19:56:02 GMT 2016 KCOR Start Synoptic Patrol

Sun Nov 20 20:08:35 GMT 2016 KCOR End Patrol

Sun Nov 20 20:08:36 GMT 2016 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20150323.ini

Sun Nov 20 20:25:37 GMT 2016 KCOR End Calibration Script

Sun Nov 20 20:25:54 GMT 2016 KCOR Start Synoptic Patrol

Sun Nov 20 20:25:55 GMT 2016 KCOR Start Synoptic Patrol

Sun Nov 20 21:14:58 GMT 2016 KCOR End Patrol

Sun Nov 20 21:15:29 GMT 2016 CoMP Paused for clouds

Sun Nov 20 21:15:43 GMT 2016 SGS Alignment complete

Sun Nov 20 21:15:52 GMT 2016 KCOR Start Synoptic Patrol

Sun Nov 20 21:15:57 GMT 2016 CoMP Restarted from pause

Sun Nov 20 22:11:56 GMT 2016 COMP End Patrol

Sun Nov 20 22:12:11 GMT 2016 KCOR End Patrol

Sun Nov 20 22:13:03 GMT 2016 SGS Alignment complete

Sun Nov 20 22:13:07 GMT 2016 KCOR Start Synoptic Patrol

Sun Nov 20 22:13:38 GMT 2016 CoMP occulter has been re-centered

Sun Nov 20 22:13:40 GMT 2016 COMP Start Patrol on cookbook: waves-00001.cbk

GENERAL OBSERVATORY COMMENT BY waters: Sun Nov 20 22:13:54 GMT 2016

Comp occulter adjusted.

____end____

Sun Nov 20 22:38:13 GMT 2016 CoMP Paused for clouds

Sun Nov 20 22:38:32 GMT 2016 KCOR End Patrol

GENERAL OBSERVATORY COMMENT BY waters: Sun Nov 20 22:38:42 GMT 2016

Some clouds have come up from Saddle, Kcor and Comp idled for a little bit.

____end____

GENERAL OBSERVATORY COMMENT BY waters: Sun Nov 20 23:02:17 GMT 2016

There's a dark cloud just east of the observatory, closed the dome just in case, since there are clouds covering the Sun at the moment. Will keep an eye out.

____end____

GENERAL COMMENT BY Observer: Mon Nov 21 02:08:37 GMT 2016

Ben has graciously written up a proper way to deal with the time exception and also with ups failures:

- 1-Shut down windows PC
- 2-Switch off the down stairs pullizii
- 3-Switch off the PXI chassis box in the top nema box
- 4-Switch off the 2 pullizii's in the top nema box

Count 11 (or so)

- 1-Switch the 2 pullizi's in the top nema box back on

2-Count 2 11.4

3-Power up the PXI chassis

4-Close up the top nema box

5-Down stairs power up the pulizzi

6-Count to 6 or maybe 8

7-Power up the PC

8- Note: for whatever dumb reason the first time you run Focus.vi it doesn't connect to the camera and seems to require a "shutdown" and restart of the VI before the camera is ready.

9-Align the instrument and observer

____end____

Mon Nov 21 02:24:14 GMT 2016 CoMP Restarted from pause

Mon Nov 21 02:24:14 GMT 2016 COMP End Patrol

GENERAL OBSERVATORY COMMENT BY waters: Mon Nov 21 02:28:39 GMT 2016

It looked promising for the rest of the afternoon after the clouds had cleared the Sun's path but it just wasn't meant to be. Ah well, have a wonderful week everyone!

____end____