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Mauna Loa Solar Observatory Observer's Log  
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Wed Nov 21 16:42:13 GMT 2018

Year: 18 Doy: 325

Observer: waters

WEATHER COMMENT: waters: Wed Nov 21 17:03:45 GMT 2018

Temp 34F with windspeed at about 10mph from the South. Sky looks clear.

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

KCOR COMMENT BY waters: Wed Nov 21 17:04:20 GMT 2018

K-Cor computer was rebooting when I came in this morning. However, the MC4U GUI wasn't updating and responding, even after closing and reopening. Did another computer restart. Seems to be working again.

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

GENERAL COMMENT BY waters: Wed Nov 21 17:14:26 GMT 2018

PM Blew off Kcor O1

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

GENERAL OBSERVATORY COMMENT BY waters: Wed Nov 21 17:12:04 GMT 2018

Windows opened upstairs.

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

KCOR COMMENT BY waters: Wed Nov 21 17:12:20 GMT 2018

Got an exception error this morning. And O1 was sitting all the way back. The User Driver Mode didn't help. Rebooting the whole system.

Exception occured in SPiiPlusCOM660.Channel.1: Code 130, Timeout expired in K-Cor - ACS - Enable.vi->K-Cor - Mechanism - Get Mech Position - async.vi:2->K-Cor - Mechanism - Get Mech Position-async.vi.ACBProxyCaller.3300007D

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

GENERAL OBSERVATORY COMMENT BY waters: Wed Nov 21 17:34:20 GMT 2018

K-Cor above dome

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

Wed Nov 21 17:39:59 GMT 2018 Kcor Focus/alignment program exited

Wed Nov 21 17:43:06 GMT 2018 SGS Alignment complete

Wed Nov 21 17:43:09 GMT 2018 KCOR Start Synoptic Patrol

Wed Nov 21 19:40:34 GMT 2018 KCOR End Patrol

Wed Nov 21 19:41:07 GMT 2018 KCOR Start Synoptic Patrol

GENERAL OBSERVATORY COMMENT BY waters: Wed Nov 21 19:38:08 GMT 2018

A bit of cloud drifted by, pushed through.

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

Wed Nov 21 19:48:03 GMT 2018 KCOR End Patrol

Wed Nov 21 19:48:04 GMT 2018 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20171025.ini

Wed Nov 21 20:04:13 GMT 2018 KCOR End Calibration Script

Wed Nov 21 20:04:30 GMT 2018 KCOR Start Synoptic Patrol

Wed Nov 21 20:04:31 GMT 2018 KCOR Start Synoptic Patrol

Wed Nov 21 20:09:15 GMT 2018 KCOR End Patrol

Wed Nov 21 20:09:33 GMT 2018 SGS Alignment complete

Wed Nov 21 20:09:33 GMT 2018 KCOR Start Synoptic Patrol

Wed Nov 21 20:25:27 GMT 2018 SGS Alignment complete

Wed Nov 21 20:46:01 GMT 2018 KCOR End Patrol

Wed Nov 21 20:47:02 GMT 2018 KCOR Start Synoptic Patrol

Wed Nov 21 20:54:26 GMT 2018 KCOR End Patrol  
GENERAL OBSERVATORY COMMENT BY waters: Wed Nov 21 20:51:56 GMT 2018  
Cirrus floating by, K-Cor idled.

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

Wed Nov 21 21:06:15 GMT 2018 KCOR Start Synoptic Patrol  
Wed Nov 21 21:06:49 GMT 2018 KCOR End Patrol  
Wed Nov 21 21:09:47 GMT 2018 KCOR Start Synoptic Patrol  
Wed Nov 21 21:37:05 GMT 2018 KCOR End Patrol  
Wed Nov 21 21:37:23 GMT 2018 SGS Alignment complete  
Wed Nov 21 21:37:22 GMT 2018 KCOR Start Synoptic Patrol  
Wed Nov 21 21:50:47 GMT 2018 KCOR End Patrol  
GENERAL OBSERVATORY COMMENT BY waters: Wed Nov 21 21:51:23 GMT 2018  
Cirrus passing through again, Kcor idled

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

Wed Nov 21 21:56:20 GMT 2018 KCOR Start Synoptic Patrol  
Wed Nov 21 21:56:50 GMT 2018 KCOR End Patrol  
Wed Nov 21 22:15:25 GMT 2018 KCOR Start Synoptic Patrol  
Wed Nov 21 22:16:32 GMT 2018 KCOR End Patrol  
Wed Nov 21 22:16:50 GMT 2018 SGS Alignment complete  
Wed Nov 21 22:16:49 GMT 2018 KCOR Start Synoptic Patrol

KCOR COMMENT BY waters: Thu Nov 22 00:00:32 GMT 2018

Got 137 exception errors. Hit the User-Mode Driver and it seems to have fixed it.

Multiple: Exception occurred in SPiiPlusCOM660.Channel.1: Code 199, UMD is not loaded or its version is incompatible in K-C or - ACS - Connect.vi->K-Cor Mechanism\_Digital\_Input-asyns.vi:125->K-Cor Mechanism\_Digital\_Input-async.vi.ACBRProxyCaller.FCA0025F

Twice: Exception occurred in SPiiPlusCOM660.Channel.1: Code 197, Communication server can't be found in K-Cor Mechanism\_Digital\_Input-async.vi:141->K-Cor Mechanism\_Digital\_Input-async.vi.ACBRProxyCaller.E8010008A

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

Thu Nov 22 01:32:07 GMT 2018 KCOR End Patrol  
Thu Nov 22 01:37:41 GMT 2018 KCOR Start Synoptic Patrol  
Thu Nov 22 02:22:24 GMT 2018 KCOR End Patrol

GENERAL OBSERVATORY COMMENT BY waters: Thu Nov 22 02:24:36 GMT 2018

Except for a few wayward cirrus, was able to take data most of the day. Aerosols got a bit high in the afternoon and it got a bit brighter but not bad.

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

GENERAL OBSERVATORY COMMENT BY waters: Thu Nov 22 02:25:59 GMT 2018  
Since we are closed tomorrow, have a wonderful thanksgiving!

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

ONSITE STAFF: waters