

---

Mauna Loa Solar Observatory Observer's Log

---

Mon Mar 16 16:47:59 GMT 2015

Year: 15 Doy: 075

Observer: berkey

WEATHER COMMENT: berkey: Mon Mar 16 16:48:00 GMT 2015

temp 40f, wind 10mph from SW, skies mostly clear with some thin cirrus on the western horizon.

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

KCOR COMMENT BY berkey: Mon Mar 16 16:57:26 GMT 2015

Changed the kcoconfig.ini to be the following:

LUT\_Names

c:/kcor/lut/Photonfocus\_MV-D1024E\_11461\_adc0\_20131203.bin

c:/kcor/lut/Photonfocus\_MV-D1024E\_11461\_adc1\_20131203.bin

c:/kcor/lut/Photonfocus\_MV-D1024E\_11461\_adc2\_20131203.bin

c:/kcor/lut/Photonfocus\_MV-D1024E\_11461\_adc3\_20131203.bin

c:/kcor/lut/Photonfocus\_MV-D1024E\_13889\_adc0\_20131203.bin

c:/kcor/lut/Photonfocus\_MV-D1024E\_13889\_adc1\_20131203.bin

c:/kcor/lut/Photonfocus\_MV-D1024E\_13889\_adc2\_20131203.bin

c:/kcor/lut/Photonfocus\_MV-D1024E\_13889\_adc3\_20131203.bin

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

GENERAL OBSERVATORY COMMENT BY berkey: Mon Mar 16 17:48:35 GMT 2015

Troubleshooting sgs error. The DIM cables have now been re-routed through the polar bearing to get them a shielding from the rest of the instrumentation. So far this was not enough to solve the noise.

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

Mon Mar 16 18:59:59 GMT 2015 COMP Start Patrol

Mon Mar 16 19:28:28 GMT 2015 KCOR Start Synoptic Patrol

Mon Mar 16 20:13:53 GMT 2015 KCOR End Patrol

Mon Mar 16 20:13:54 GMT 2015 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg.ini

Mon Mar 16 20:29:48 GMT 2015 KCOR End Calibration Script

Mon Mar 16 20:30:05 GMT 2015 KCOR Start Synoptic Patrol

Mon Mar 16 20:30:05 GMT 2015 KCOR Start Synoptic Patrol

Mon Mar 16 21:01:13 GMT 2015 KCOR End Patrol

Mon Mar 16 21:01:22 GMT 2015 COMP End Patrol

GENERAL OBSERVATORY COMMENT BY berkey: Mon Mar 16 21:01:24 GMT 2015

Some dome occulting seen in kcor. Heading up stairs to lower top shutter.

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

Mon Mar 16 21:16:48 GMT 2015 COMP Start Patrol

Mon Mar 16 21:23:37 GMT 2015 KCOR Start Synoptic Patrol

GENERAL OBSERVATORY COMMENT BY berkey: Mon Mar 16 23:49:02 GMT 2015

Lots of dusk particles in the air today. Kind of washing out the kcor images and leading to high sintilotaion on shabar. It also looks like the low clouds may move in over the next little bit.

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

Tue Mar 17 00:10:48 GMT 2015 KCOR End Patrol

Tue Mar 17 00:11:23 GMT 2015 COMP End Patrol

Tue Mar 17 01:15:17 GMT 2015 COMP Start Patrol

CoMP COMMENT BY berkey: Tue Mar 17 01:14:18 GMT 2015

Testing some logic to pasue the comp obseving for a few minutes which clouds pass by the observatory. (Note domes are closed so this data is not science data)

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

Tue Mar 17 01:15:46 GMT 2015 CoMP Paused for clouds

Tue Mar 17 01:16:26 GMT 2015 CoMP Restarted from pause

Tue Mar 17 01:21:19 GMT 2015 COMP Start Patrol

Tue Mar 17 01:23:54 GMT 2015 CoMP Paused for clouds

Tue Mar 17 01:25:32 GMT 2015 CoMP Restarted from pause

Tue Mar 17 01:25:41 GMT 2015 COMP End Patrol

Tue Mar 17 01:34:04 GMT 2015 COMP Start Patrol

Tue Mar 17 01:35:42 GMT 2015 CoMP Paused for clouds

Tue Mar 17 01:37:38 GMT 2015 CoMP Restarted from pause

Tue Mar 17 01:38:29 GMT 2015 COMP End Patrol

Tue Mar 17 01:40:33 GMT 2015 COMP Start Patrol

Tue Mar 17 01:42:04 GMT 2015 CoMP Paused for clouds

Tue Mar 17 01:42:18 GMT 2015 CoMP Restarted from pause

Tue Mar 17 01:47:28 GMT 2015 CoMP Paused for clouds  
Tue Mar 17 01:48:26 GMT 2015 CoMP Restarted from pause  
Tue Mar 17 01:49:26 GMT 2015 CoMP Paused for clouds  
Tue Mar 17 01:49:47 GMT 2015 CoMP Restarted from pause  
Tue Mar 17 01:50:07 GMT 2015 CoMP End Patrol  
Tue Mar 17 01:54:07 GMT 2015 CoMP Start Patrol  
Tue Mar 17 01:54:30 GMT 2015 CoMP Paused for clouds  
Tue Mar 17 01:55:02 GMT 2015 CoMP Restarted from pause  
Tue Mar 17 02:00:27 GMT 2015 CoMP Paused for clouds  
Tue Mar 17 02:01:23 GMT 2015 CoMP Restarted from pause  
Tue Mar 17 02:01:23 GMT 2015 CoMP End Patrol  
Tue Mar 17 02:01:33 GMT 2015 CoMP Start Patrol  
Tue Mar 17 02:10:34 GMT 2015 CoMP Paused for clouds  
Tue Mar 17 02:11:01 GMT 2015 CoMP Restarted from pause  
Tue Mar 17 02:13:34 GMT 2015 CoMP Paused for clouds  
Tue Mar 17 02:14:18 GMT 2015 CoMP Restarted from pause  
Tue Mar 17 02:15:59 GMT 2015 CoMP Paused for clouds  
Tue Mar 17 02:16:32 GMT 2015 CoMP Restarted from pause  
Tue Mar 17 02:16:32 GMT 2015 CoMP End Patrol  
CoMP COMMENT BY berkey: Tue Mar 17 02:17:36 GMT 2015  
Looks like the the change I made worked.

While doing "Run Cookbook" if the Clouds button is pressed the cover will be put in (if it is not already in) a note will be put into the log, and comp will go into a wait ..  
..... To exit the wait state the CLOUDS button can be unpressed (unchecked?) then the cover will be returned it is pervious state, a note will be put into the log and observing will continue on the next recipe. If Exit Cookbook is pressed: the cover will be left in, a note will be put into the log and the cookbook will be exited (as happend before the clouds feature).

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