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Mauna Loa Solar Observatory Observer's Log  
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Fri Nov 19 16:24:40 GMT 2021

Year: 21 Doy: 323

Observer: lisapg

WEATHER COMMENT: lisapg: Fri Nov 19 16:47:32 GMT 2021

Temp: 41.1f with wind speed at around 8-13mph from the Southeast. Sky loos clear, altho ugh there is a haze at about 10,000 ft +.

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

GENERAL COMMENT BY lisapg: Fri Nov 19 16:57:14 GMT 2021

Opened windows upstairs

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

GENERAL COMMENT BY lisapg: Fri Nov 19 16:57:18 GMT 2021

PM Blew off Kcor O1

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

GENERAL COMMENT BY lisapg: Fri Nov 19 16:57:21 GMT 2021

PM Blew off UCOMP O1

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

Fri Nov 19 16:58:53 GMT 2021 Running UCOMP Cookbook dark\_80ms\_2beam\_16sums\_BOTH.cbk line 0

Fri Nov 19 17:00:10 GMT 2021 Running UCOMP Cookbook 637\_Scan.cbk line 0

Fri Nov 19 17:02:18 GMT 2021 Running UCOMP Cookbook 656\_Scan.cbk line 0

Fri Nov 19 17:04:08 GMT 2021 Running UCOMP Cookbook 789\_Scan.cbk line 0

Fri Nov 19 17:05:58 GMT 2021 Running UCOMP Cookbook 1074\_Scan.cbk line 0

Fri Nov 19 17:07:47 GMT 2021 Running UCOMP Cookbook 1079\_Scan.cbk line 0

Fri Nov 19 17:09:37 GMT 2021 Running UCOMP Cookbook all\_wavelength\_coronal\_flat.cbk line 0

Fri Nov 19 17:37:18 GMT 2021 Kcor Focus/alignment program exited

Fri Nov 19 17:38:39 GMT 2021 KCOR Start Synoptic Patrol

Fri Nov 19 17:39:27 GMT 2021 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 0

Fri Nov 19 18:50:48 GMT 2021 Running UCOMP Cookbook dark\_80ms\_2beam\_16sums\_BOTH.cbk line 0

Fri Nov 19 18:52:05 GMT 2021 Running UCOMP Cookbook 637\_Pol\_Calibrate.cbk line 0

Fri Nov 19 18:56:25 GMT 2021 Running UCOMP Cookbook 656\_Pol\_Calibrate.cbk line 0

Fri Nov 19 18:58:45 GMT 2021 KCOR End Patrol

Fri Nov 19 18:58:46 GMT 2021 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20171025.ini

Fri Nov 19 19:00:29 GMT 2021 Running UCOMP Cookbook 789\_Pol\_Calibrate.cbk line 0

Fri Nov 19 19:04:33 GMT 2021 Running UCOMP Cookbook 1074\_Pol\_Calibrate.cbk line 0

Fri Nov 19 19:08:36 GMT 2021 Running UCOMP Cookbook 1079\_Pol\_Calibrate.cbk line 0

Fri Nov 19 19:12:40 GMT 2021 Running UCOMP Cookbook waves\_1074\_1hour.cbk line 0

Fri Nov 19 19:14:02 GMT 2021 KCOR End Calibration Script

Fri Nov 19 19:14:19 GMT 2021 KCOR Start Synoptic Patrol

Fri Nov 19 19:14:20 GMT 2021 KCOR Start Synoptic Patrol

Fri Nov 19 20:22:17 GMT 2021 Running UCOMP Cookbook dark\_200\_1sums\_80ms.cbk line 0

Fri Nov 19 20:27:20 GMT 2021 Running UCOMP Cookbook all\_wavelength\_coronal\_flat.cbk line 0

Fri Nov 19 20:45:45 GMT 2021 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 0

Fri Nov 19 21:19:24 GMT 2021 KCOR Start Synoptic Patrol

GENERAL COMMENT BY lisapg: Fri Nov 19 21:20:02 GMT 2021

Starting from 20;10:04 UT, Kcor ended up in the wrong state. However it was hard to tel l with the amount of aerosols that flooded the data at the same time. Restarting Kcor n ow

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

Fri Nov 19 21:57:06 GMT 2021 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 0

GENERAL COMMENT BY lisapg: Fri Nov 19 22:36:17 GMT 2021

Got an update from Marty: there won't be any cement pouring next week; they'll most lik ely start up again the week of the 29th.

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

Fri Nov 19 22:43:39 GMT 2021 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 24

Fri Nov 19 23:08:44 GMT 2021 Running UCOMP Cookbook dark\_80ms\_2beam\_16sums\_BOTH.cbk line 0

Fri Nov 19 23:10:01 GMT 2021 Running UCOMP Cookbook 1074\_Pol\_Calibrate.cbk line 0

Fri Nov 19 23:14:24 GMT 2021 Running UCOMP Cookbook all\_wavelength\_coronal\_flat.cbk line 0

GENERAL COMMENT BY lisapg: Fri Nov 19 23:19:28 GMT 2021

Passing clouds, pushing through

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

Fri Nov 19 23:32:31 GMT 2021 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 0

Fri Nov 19 23:43:32 GMT 2021 UCOMP Paused for clouds

Fri Nov 19 23:43:44 GMT 2021 KCOR End Patrol

Fri Nov 19 23:44:29 GMT 2021 KCOR Start Synoptic Patrol

Fri Nov 19 23:44:52 GMT 2021 KCOR End Patrol

Fri Nov 19 23:44:59 GMT 2021 KCOR End Patrol

GENERAL COMMENT BY lisapg: Fri Nov 19 23:44:34 GMT 2021

Clouds passing, instruments idled for now

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

GENERAL COMMENT BY lisapg: Fri Nov 19 23:58:28 GMT 2021

More clouds are crossing, instruments stopped.

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

GENERAL COMMENT BY lisapg: Sat Nov 20 01:05:47 GMT 2021

Clouds have passed but the sky is currently too bright to take data at present.

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

Sat Nov 20 01:23:47 GMT 2021 Kcor Focus/alignment program exited

Sat Nov 20 01:25:10 GMT 2021 KCOR Start Synoptic Patrol

Sat Nov 20 01:25:22 GMT 2021 UCOMP Restarted from pause

Sat Nov 20 01:27:36 GMT 2021 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 10

GENERAL OBSERVATORY COMMENT BY berkey: Sat Nov 20 01:42:35 GMT 2021

Using Joanâ\200\231s code we have some kcor diff image code running on Kodiak. Images can be displayed on moonfish with the Kcor-Diff icon on the desktop.

The gif create code is triggered by a crontab owned by mlso. This runs /export/data1/home/mlso/scripts/mkDiffImgs which is just a wrapper to run the make\_kcor\_10min\_diff\_gif.pro code. Results are written to kodiak:/data/kcorDiff/YYYYMMDD.

Testing seems to show the code works and images written to Kodiak as displayed via the python animation code correctly. If this becomes a resourced hog or other issues are found the code can be turned off in the mlso crontab.

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

Sat Nov 20 02:26:51 GMT 2021 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 0

Sat Nov 20 03:20:32 GMT 2021 KCOR End Patrol

GENERAL COMMENT BY lisapg: Sat Nov 20 03:23:51 GMT 2021

Besides the hiccup in the olarization state and the assortment of clouds in the afterno on, it was a nice day to take data.

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

ONSITE STAFF: lisapg