
Mauna Loa Solar Observatory Observer's Log

Mon Jul 27 16:36:36 GMT 2020

Year: 20 Doy: 209

Observer: mcotter

WEATHER COMMENT: mcotter: Mon Jul 27 16:37:39 GMT 2020

Temp: 44.6f, Humidity: 45%, Pressure: 28.69lin, Wind: 11mph from 130deg, Skies: Clear blue skies.

____end____

GENERAL COMMENT BY mcotter: Mon Jul 27 16:37:48 GMT 2020

Opened windows upstairs

____end____

GENERAL COMMENT BY mcotter: Mon Jul 27 16:37:55 GMT 2020

PM Blew off Kcor 01

____end____

****GPS PROBLEM COMMENT BY berkey**** : Mon Jul 27 16:53:28 GMT 2020

Cases gps system had a problem at some point this weekend. The computer lost track of its disk mount and couldn't write data. It looks like powercycling the box fixed the mount problem, but it lost its date again, so this had to be manually reset back to the current date.

I am not sure what the underling issue was to cause the mount and date failures.

____end____

Mon Jul 27 17:13:47 GMT 2020 Kcor Focus/alignment program exited

Mon Jul 27 17:14:18 GMT 2020 Kcor Focus/alignment program exited

Mon Jul 27 18:22:11 GMT 2020 KCOR Start Synoptic Patrol

Mon Jul 27 18:39:07 GMT 2020 KCOR End Patrol

Mon Jul 27 18:39:07 GMT 2020 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20171025.ini

Mon Jul 27 18:54:22 GMT 2020 KCOR End Calibration Script

Mon Jul 27 18:54:38 GMT 2020 KCOR Start Synoptic Patrol

Mon Jul 27 18:54:38 GMT 2020 KCOR Start Synoptic Patrol

Mon Jul 27 20:34:49 GMT 2020 KCOR End Patrol

Mon Jul 27 20:34:50 GMT 2020 KCOR End Patrol

Mon Jul 27 20:36:47 GMT 2020 Kcor Focus/alignment program exited

Mon Jul 27 20:36:57 GMT 2020 Kcor Focus/alignment program exited

GENERAL COMMENT BY berkey: Mon Jul 27 20:44:06 GMT 2020

Looks like kcor modulator and and issue around the time we did the calibration. We see good coronal data before ~18:30UT but data were bad until 20:37Ut when the observing code was stopped and restarted. At this point we are not sure if the calcs were taken in the bad state of this was triggered after the calcs finished.

____end____

Mon Jul 27 21:00:53 GMT 2020 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20171025.ini

Mon Jul 27 21:16:04 GMT 2020 KCOR End Calibration Script

GPS COMMENT by MLSO: Mon Jul 27 21:45:08 GMT 2020

Successfully logged in to system

Good disk mount

GPS software running

Last 5 GPS data files are:

/mnt/usb/dataoutiq_2020_199_2149.bin 2147483647

/mnt/usb/dataoutiq_2020_200_2149.bin 2147483647

/mnt/usb/dataoutiq_2020_201_2145.bin 0

/mnt/usb/dataoutiq_2020_206_2352.bin 3228912

/mnt/usb/dataoutiq_2020_209_1651.bin 0

____end____

Mon Jul 27 22:59:57 GMT 2020 KCOR Start Synoptic Patrol

Tue Jul 28 00:29:50 GMT 2020 Kcor Focus/alignment program exited

Tue Jul 28 00:33:09 GMT 2020 KCOR Start Synoptic Patrol

GENERAL COMMENT BY mcotter: Tue Jul 28 02:43:51 GMT 2020

Clear blue skies and very bright all day long. Gusty winds out of the South, South East all of day. Closed lower dome shutter door mid-day to help prevent wind shaking of telescope.

____end____

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