
Mauna Loa Solar Observatory Observer's Log

Tue Oct 20 16:46:17 GMT 2020

Year: 20 Doy: 294

Observer: mlso

WEATHER COMMENT: mcotter: Tue Oct 20 16:50:12 GMT 2020

Temp: 42.3f, Humidity: 31%, Pressure: 28.617in, Wind: 9mph from 175degs, Skies: Thick inversion layer visible on the horizon on higher than Maunakea. Cirrus, Cirrostratus and Cirrocumulus clouds visible on the horizon and thinly at higher altitude

____end____

GENERAL COMMENT BY mcotter: Tue Oct 20 16:57:43 GMT 2020

Opened windows upstairs

____end____

GENERAL COMMENT BY mcotter: Tue Oct 20 16:57:51 GMT 2020

PM Blew off Kcor O1

____end____

GENERAL COMMENT BY mcotter: Tue Oct 20 17:33:27 GMT 2020

Thick clouds on the horizon. Cannot observe at this time.

____end____

GENERAL COMMENT BY mcotter: Tue Oct 20 18:11:24 GMT 2020

Increasing Cirrus on the horizon, unable to observe at this time.

____end____

Tue Oct 20 18:44:56 GMT 2020 Kcor Focus/alignment program exited

GENERAL COMMENT BY mcotter: Tue Oct 20 18:46:41 GMT 2020

Clouds are still present on the horizon and the sky is a bit bright, but I was able to successfully run the Focus routine and get a parabola. Running Kcor.

____end____

Tue Oct 20 21:37:56 GMT 2020 Kcor Focus/alignment program exited

Tue Oct 20 21:39:05 GMT 2020 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20171025.ini

GPS COMMENT by MLSO: Tue Oct 20 21:45:11 GMT 2020

Successfully logged in to system

Good disk mount

GPS software running

Last 5 GPS data files are:

/mnt/usb/dataoutiq_2020_289_2145.bin 2147483647

/mnt/usb/dataoutiq_2020_290_2145.bin 2147483647

/mnt/usb/dataoutiq_2020_291_2145.bin 2147483647

/mnt/usb/dataoutiq_2020_292_2145.bin 2147483647

/mnt/usb/dataoutiq_2020_293_2145.bin 2147483647

Disk usage: /dev/sdal 916.9G 181.3G 689.0G 21% /mnt/usb

____end____

Tue Oct 20 21:54:20 GMT 2020 KCOR End Calibration Script

Tue Oct 20 23:00:28 GMT 2020 Kcor Focus/alignment program exited

Tue Oct 20 23:01:21 GMT 2020 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20171025.ini

Tue Oct 20 23:16:37 GMT 2020 KCOR End Calibration Script

GONG COMMENT BY mcotter: Wed Oct 21 00:22:17 GMT 2020

GONG shack door open.

___end___

GENERAL COMMENT BY mcotter: Wed Oct 21 01:09:13 GMT 2020

I started observing this morning around 9:00am. There were some patch clouds still on the horizon but I was able to run a Focus routine and it looked acceptable. A little later clouds did start to affect the viewing so I stopped and waited. Later in the morning I was finally able to get on sky and ran the Calibration file immediately because I had lost so much time earlier. Once the Kcor images started coming through it looked like a bad a Calibration may have occurred as the images appeared blurred. I ended up rerunning the Focus and Calibration routines. The Kcor images that later came through looked good and in focus.

___end___

GENERAL COMMENT BY mcotter: Wed Oct 21 01:10:45 GMT 2020

Cirrus and Cumulus clouds forming to the South.

___end___

GENERAL COMMENT BY mcotter: Wed Oct 21 01:28:39 GMT 2020

Cirrus clouds have increased and have moved in from the South to obscure viewing. Kcor paused.

___end___

GENERAL COMMENT BY mcotter: Wed Oct 21 03:02:51 GMT 2020

Overall decent day of observing, certainly better than the last few.

___end___

ONSITE STAFF: mcotter