
Mauna Loa Solar Observatory Observer's Log

Sat Oct 17 16:58:54 GMT 2020

Year: 20 Doy: 291

Observer: mlso

WEATHER COMMENT: mcotter: Sat Oct 17 17:01:12 GMT 2020

Temp: 44.6f, Humidity: 66%, Pressure: 28.672in, Wind: 5mph from 125deg, Skies: Overcast skies with high altitude Cirrus clouds present across the entire sky. Thick inversion layer visible higher than Maunakea.

____end____

GENERAL COMMENT BY mcotter: Sat Oct 17 17:36:39 GMT 2020

Opened windows upstairs

____end____

GENERAL COMMENT BY mcotter: Sat Oct 17 17:36:45 GMT 2020

PM Blew off Kcor O1

____end____

GENERAL COMMENT BY mcotter: Sat Oct 17 17:48:38 GMT 2020

Tried starting Kcorfocus routine and an error code came up. Tried several times to cycle through the error but it appears that the computer is hung up. Have restarted computer via the Windows button and the computer seems to be acting fine.

____end____

GENERAL COMMENT BY mcotter: Sat Oct 17 17:49:56 GMT 2020

Tried running Kcor focus routine but the sky is much much too bright to take a reading. Will try again in a little while as the sky improves.

____end____

GENERAL COMMENT BY mcotter: Sat Oct 17 18:22:32 GMT 2020

Sky is still quite bright. Unable to run Focus routine at this time.

____end____

Sat Oct 17 19:22:50 GMT 2020 Kcor Focus/alignment program exited

GENERAL COMMENT BY mcotter: Sat Oct 17 20:07:39 GMT 2020

Cirrostratus and high altitude Cirrus still prevalent through much of the sky. Cannot run Focus routine at this time.

____end____

Sat Oct 17 20:23:06 GMT 2020 Kcor Focus/alignment program exited

Sat Oct 17 20:32:53 GMT 2020 Kcor Focus/alignment program exited

GENERAL COMMENT BY mcotter: Sat Oct 17 20:36:26 GMT 2020

The sky has become somewhat clear. There are still lots of aerosols visible during the Focus routine, but I was able to get a decently shaped parabola. Kcor now running.

____end____

GENERAL COMMENT BY mcotter: Sat Oct 17 20:56:30 GMT 2020

Cirrostratus clouds in line of sight. Pausing Kcor.

____end____

GPS COMMENT by MLSO: Sat Oct 17 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_286_2145.bin 2147483647

/mnt/usb/dataoutiq_2020_287_2145.bin 2147483647

/mnt/usb/dataoutiq_2020_288_2145.bin 300770168

/mnt/usb/dataoutiq_2020_289_2145.bin 2147483647

/mnt/usb/dataoutiq_2020_290_2145.bin 2147483647

Disk usage: /dev/sda1 916.9G 175.0G 695.3G 20% /mnt/usb

____end____

GENERAL COMMENT BY mcotter: Sat Oct 17 22:59:27 GMT 2020

I tried again to run Kcor but the sky is just too bright.

____end____

GENERAL COMMENT BY mcotter: Sat Oct 17 23:00:53 GMT 2020

Orographic clouds forming to the South and West of summit.

____end____

GENERAL COMMENT BY mcotter: Sun Oct 18 00:41:46 GMT 2020

Orographic clouds have moved in from the SW, W & N. I Have closed the dome shutter doors and windows.

____end____

GENERAL COMMENT BY mcotter: Sun Oct 18 00:48:40 GMT 2020

When attempting to quit the Kcor Socketcam program the black GUI would not upload the "

quit" command. This morning I had a problem with the Kcor program and I had to restart the computer in order for it to respond. I am wondering if this is a similar problem may be associated with the one I experienced this morning. I am going to reset the computer and see if it will respond properly.

____end____

GENERAL COMMENT BY mcotter: Sun Oct 18 01:48:46 GMT 2020

After restarting the computer, I restarted the Kcor Socketcam program. Once again I was not able to enter the "quit" command. The mouse was working but the keyboard was not. I checked all the connections between the keyboard and KVM computer and all checked out fine. I tried another keyboard but it still would not work. I called Ben to tell him of the problem. Ben instructed me to change screens from Kcor to SGS. The keyboard and mouse worked fine with this screen. Ben instructed me to plug a keyboard directly into the back of the Kcor computer. I did this and the Kcor computer recognized the keyboard. Ben instructed me to power cycle the KVM computer. I did so, and after this the Kcor computer recognized the keyboard (and mouse) and I was able to successfully input the "quit" command into the Socketcam black GUI and exit the program properly.

No further technical issues at this time.

____end____

GENERAL COMMENT BY mcotter: Sun Oct 18 01:57:28 GMT 2020

Mostly overcast skies today. I was able to observe for a short period of time this morning, but the skies were fairly bright.

____end____

GENERAL COMMENT BY mcotter: Sun Oct 18 01:58:38 GMT 2020

Removed and remounted CO2 fire extinguisher from within the dome to the adjoining vestibule, as per Ben's instructions.

____end____

GENERAL COMMENT BY mcotter: Sun Oct 18 02:48:49 GMT 2020

Sunny day, but unfortunately a lot of Cirrus and Cirrostratus clouds making for an overly bright day for observing.

____end____

ONSITE STAFF: mcotter