
Mauna Loa Solar Observatory Observer's Log

Tue Sep 8 17:15:28 GMT 2020

Year: 20 Doy: 252

Observer: berkey

WEATHER COMMENT: berkey: Tue Sep 08 17:15:43 GMT 2020

Temp: 49.4f, Humidity: 9%, Pressure: 28.607in, Wind: 11mph from 151degs, Skies: mostly clear with some patch cirrus.

____end____

GENERAL COMMENT BY berkey: Tue Sep 08 17:23:26 GMT 2020

Opened windows upstairs

____end____

GENERAL COMMENT BY berkey: Tue Sep 08 17:23:29 GMT 2020

PM Blew off Kcor 01

____end____

KCOR COMMENT BY berkey: Tue Sep 08 17:23:47 GMT 2020

Starting up with a short test of the socketcam aerosol code.

____end____

Tue Sep 08 17:24:12 GMT 2020 Kcor Focus/alignment program exited

KCOR COMMENT BY berkey: Tue Sep 08 18:04:58 GMT 2020

Testing SocketcamAero with concurrent copy from disk to kodiak

via:

start /belownormal xcopy *.raw x:\kcorAero\20200908 /c /d

Running this command appears to not be slowing down or lagging frames in socketcamAero, which is good. But according to the windows performance tool; it looks like the file copy is going about 10x slower than the we are saving the m locally.

Overall the network writes are using just under 80MB/s. I think this is close to the expected speed for 1Gb/s network connection between the kcor2 machine and the switch.

____end____

GENERAL COMMENT BY berkey: Tue Sep 08 18:14:05 GMT 2020

Reverting to the normal socketcam code.

____end____

Tue Sep 08 18:14:25 GMT 2020 KCOR Start Synoptic Patrol

****Possible CME in Progress berkey**** : Tue Sep 08 19:13:38 GMT 2020

Possible CME seen launching near PA:240 before sunrise at MLSO. Eruption observed from 17:30Ut onward.

____end____

Tue Sep 08 19:30:01 GMT 2020 SGS Alignment complete

Tue Sep 08 19:30:02 GMT 2020 SGS Alignment complete

Tue Sep 08 19:30:54 GMT 2020 Kcor Focus/alignment program exited

Tue Sep 08 19:31:28 GMT 2020 KCOR Start Synoptic Patrol

Tue Sep 08 20:27:10 GMT 2020 KCOR End Patrol

Tue Sep 08 20:27:19 GMT 2020 KCOR End Patrol

GENERAL COMMENT BY berkey: Tue Sep 08 20:31:00 GMT 2020

In and out of low clouds.

____end____

GPS COMMENT by MLSO: Tue Sep 08 21:45:09 GMT 2020

Successfully logged in to system

Good disk mount

GPS software running

Last 5 GPS data files are:

/mnt/usb/dataoutiq_2020_247_2145.bin 2147483647

/mnt/usb/dataoutiq_2020_248_2145.bin 2147483647

/mnt/usb/dataoutiq_2020_249_2145.bin 2147483647

/mnt/usb/dataoutiq_2020_250_2145.bin 2147483647

/mnt/usb/dataoutiq_2020_251_2145.bin 2147483647

____end____

GENERAL COMMENT BY berkey: Wed Sep 09 02:05:49 GMT 2020

Failed to take a kcor calibration today.

Got about about 3 hours of data before the clouds came up and eventually turned to rain.

____end____

ONSITE STAFF: berkey