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Mauna Loa Solar Observatory Observer's Log

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Mon Nov 16 16:56:57 GMT 2020

Year: 20 Doy: 321

Observer: mlso

WEATHER COMMENT: mcotter: Mon Nov 16 17:01:03 GMT 2020

Temp: 38.0f, Humidity: 66%, Pressure: 28.843in, Wind: 7mph from 175degs. First snow on Maunakea! Skies are very overcast. It looks like precipitation is falling on the eastern slope of Maunaloa. Am not opening dome at this time in the event of precipitation.

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

GPS COMMENT by MLSO: Mon Nov 16 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\_317\_1713.bin 2147483647

/mnt/usb/dataoutiq\_2020\_318\_1713.bin 2147483647

/mnt/usb/dataoutiq\_2020\_319\_1713.bin 2147483647

/mnt/usb/dataoutiq\_2020\_320\_1713.bin 2147483647

/mnt/usb/dataoutiq\_2020\_321\_1713.bin 667645832

Disk usage: /dev/sda1 916.9G 234.2G 636.0G 27% /mnt/usb

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

Tue Nov 17 02:14:39 GMT 2020 Kcor Focus/alignment program exited

GENERAL COMMENT BY berkey: Tue Nov 17 02:14:52 GMT 2020

PM Washed Kcor O1

O1 reinstalled in its nominal orientation, if the bad fringing is still in the lens it should be seen as horizontal in the NRGF images

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

GENERAL COMMENT BY berkey: Tue Nov 17 02:15:32 GMT 2020

Trying to take some kcor data between the clouds.

Not the best O1 alignment and no focus done. Mostly running to test the cleaning.

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

GENERAL COMMENT BY berkey: Tue Nov 17 02:44:34 GMT 2020

Failed to produce any kcor NRGF images so I am not sure if the O1 cleaning helped.

I think I still see the fringe artifact in the realtime images; but the effect is weak so I am not sure if I really saw it.

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

ONSITE STAFF: berkey, mcotter