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            Mauna Loa Solar Observatory Observer's Log
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        Sat Nov  7 17:38:47 GMT 2020
Year: 20  Doy: 312
Observer: mlso
Sat Nov 07 17:42:22 GMT 2020 Kcor Focus/alignment program exited
WEATHER COMMENT: mcotter: Sat Nov 07 18:17:10 GMT 2020
Temp: 54.7f, Humidity: 14%, Pressure: 28.63in, Wind: 9mph from 92degs, Skies:Cloudy on the horizon, but generally clear sk
ies overheard.
___end___
GENERAL COMMENT BY mcotter: Sat Nov 07 18:21:26 GMT 2020
Yesterday there was a power outage and all systems were shutdown. This morning when I cam in I texted Ben to call me when
he was up so that I could restart all systems. Ben called me right back and he instructed me in how to get all the compute
rs up and running. All systems came back with no problem with the exception of the weather satellite image. I found one on
line (not the same one as before) and put it on the TV screen.
___end___
GENERAL COMMENT BY mcotter: Sat Nov 07 18:21:36 GMT 2020
Opened windows upstairs
___end___
GENERAL COMMENT BY mcotter: Sat Nov 07 18:21:41 GMT 2020
PM Blew off Kcor O1
___end___
GENERAL COMMENT BY mcotter: Sat Nov 07 18:22:22 GMT 2020
Ran Focus routine and got a nicely shaped parabola. Kcor now running.
___end___
Sat Nov 07 19:32:20 GMT 2020 Kcor Focus/alignment program exited
GENERAL COMMENT BY mcotter: Sat Nov 07 19:35:05 GMT 2020
Ran Focus routine and got a nicely shaped parabola. Kcor running.
___end___
Sat Nov 07 19:36:35 GMT 2020 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20171025.ini
Sat Nov 07 19:51:46 GMT 2020 KCOR End Calibration Script
Sat Nov 07 21:07:25 GMT 2020 Kcor Focus/alignment program exited
GENERAL COMMENT BY mcotter: Sat Nov 07 21:10:11 GMT 2020
Readjusted occulter position. Ran Focus routine and got a decent parabola. Kcor running.
___end___
GPS COMMENT by MLSO: Sat Nov 07 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_306_2145.bin  2147483647
/mnt/usb/dataoutiq_2020_307_2145.bin  2147483647
/mnt/usb/dataoutiq_2020_308_2145.bin  2147483647
/mnt/usb/dataoutiq_2020_310_2146.bin  2147483647
/mnt/usb/dataoutiq_2020_312_1713.bin  654122976
Disk usage: /dev/sda1              916.9G    215.4G    654.9G  25% /mnt/usb
___end___
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Sat Nov 07 21:50:15 GMT 2020 Kcor Focus/alignment program exited
GENERAL COMMENT BY mcotter: Sat Nov 07 21:55:07 GMT 2020
Realigned occulter and re-ran Focus routine. A good parabola was gotten. Kcor running.
___end___
GENERAL COMMENT BY mcotter: Sat Nov 07 23:33:52 GMT 2020
Orographic clouds have formed on the western slope of Maunaloa and have pushed up to the summit. Clouds are forming over the observatory. Shutting down Kcor.
___end___
GENERAL COMMENT BY mcotter: Sat Nov 07 23:52:01 GMT 2020
Cloud coverage over the observatory and the summit has increased dramatically. Closing the dome shutter doors and windows in case of precipitation.
___end___
GENERAL COMMENT BY mcotter: Sun Nov 08 01:39:19 GMT 2020
Clouds have retreated and the skies have cleared. Started Kcor.
___end___
GENERAL COMMENT BY mcotter: Sun Nov 08 02:06:16 GMT 2020
Realigned occulter.
___end___
GENERAL COMMENT BY mcotter: Sun Nov 08 02:08:05 GMT 2020
After aligning occulter the keyboard and mouse stopped working. I ended up power cycling the KVM computer a couple of times and it finally seemed to work.
___end___
GENERAL COMMENT BY mcotter: Sun Nov 08 02:11:25 GMT 2020
I was able to take about forty minutes of additional data, but unfortunately clouds are beginning to form on the western slope of Maunaloa and obscuring our view of the Sun. I have stopped Kcor, but will continue to keep the dome open in case it clears again.
___end___
GENERAL COMMENT BY mcotter: Sun Nov 08 02:30:38 GMT 2020
Clouds are increasing to the west and north. The clouds to the north are moving in rapidly toward the observatory. Shutting down kcor and closing up dome.
___end___
GENERAL COMMENT BY mcotter: Sun Nov 08 02:37:51 GMT 2020
Overall decent day of observing. Collected data most of the morning. Clouds began forming late morning early afternoon and needed to pause and close the dome until later in the afternoon when the clouds diminished. Additional data was taken in the late afternoon.
___end___
ONSITE STAFF: mcotter