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Mauna Loa Solar Observatory Observer's Log  
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Tue Oct 6 17:00:40 GMT 2020

Year: 20 Doy: 280

Observer: mlso

WEATHER COMMENT: mcotter: Tue Oct 06 17:03:40 GMT 2020

Temp: 44.8f, Humidity: 17%, Pressure: 28.664in, Wind: 9mph from 169degs, Skies: Clear, but slightly hazy with an inversion layer the level of Haleakala. High altitude scattered Cirrus clouds present throughout the sky.

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

GENERAL COMMENT BY mcotter: Tue Oct 06 17:03:48 GMT 2020

Opened windows upstairs

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

GENERAL COMMENT BY mcotter: Tue Oct 06 17:03:53 GMT 2020

PM Blew off Kcor 01

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

Tue Oct 06 17:19:27 GMT 2020 Kcor Focus/alignment program exited

GENERAL COMMENT BY mcotter: Tue Oct 06 17:22:31 GMT 2020

Sky a little bright on the horizon, but the focus routine was successfully run with a good parabola.

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

Tue Oct 06 19:43:56 GMT 2020 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20171025.ini

Tue Oct 06 19:59:12 GMT 2020 KCOR End Calibration Script

Tue Oct 06 21:44:42 GMT 2020 SGS Alignment complete

GPS COMMENT by MLSO: Tue Oct 06 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\_275\_2145.bin 2147483647

/mnt/usb/dataoutiq\_2020\_276\_2145.bin 2147483647

/mnt/usb/dataoutiq\_2020\_277\_2145.bin 2147483647

/mnt/usb/dataoutiq\_2020\_278\_2145.bin 2147483647

/mnt/usb/dataoutiq\_2020\_279\_2145.bin 2147483647

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

Tue Oct 06 22:06:27 GMT 2020 Kcor Focus/alignment program exited

KCOR COMMENT BY mcotter: Tue Oct 06 22:11:06 GMT 2020

Kcor distortion grid in beam.

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

KCOR COMMENT BY mcotter: Tue Oct 06 22:13:18 GMT 2020

Taking distortion data.

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

GENERAL COMMENT BY mcotter: Tue Oct 06 22:17:40 GMT 2020

Done with distortion data.

Test data 22:13:0-22:15:36

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

GENERAL COMMENT BY mcotter: Tue Oct 06 22:58:09 GMT 2020

Cirrus moved pausing observations.

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

GENERAL COMMENT BY mcotter: Wed Oct 07 01:47:37 GMT 2020  
PM Blew off Kcor Field Lens

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

GENERAL COMMENT BY mcotter: Wed Oct 07 01:50:22 GMT 2020  
Ben swept and vacuumed dome floor and vestibule.

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

GENERAL COMMENT BY mcotter: Wed Oct 07 01:53:28 GMT 2020

Good day with mostly clear skies from morning until approx 3:00pm. High altitude Cirrus present on and off most of the day but increased in the early afternoon. Orographic clouds began forming on Western slope of Maunaloa around 2:00pm.

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

ONSITE STAFF: berkey, mcotter