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Mauna Loa Solar Observatory Observer's Log  
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Mon Oct 19 16:56:04 GMT 2020

Year: 20 Doy: 293

Observer: mlso

WEATHER COMMENT: mcotter: Mon Oct 19 16:59:13 GMT 2020

Temp: 41.5f, Humidity: 35%, Pressure: 28.65in, Wind: 7mph from 206degs, Skies: Semi cloudy skies with Cirrus and Cirrostratus clouds spreading at different areas across the sky. Hazy inversion layer visible on horizon higher than Maunakea.

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

GENERAL COMMENT BY mcotter: Mon Oct 19 17:11:46 GMT 2020

Opened windows upstairs

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

GENERAL COMMENT BY mcotter: Mon Oct 19 17:11:53 GMT 2020

PM Blew off Kcor 01

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

Mon Oct 19 17:57:23 GMT 2020 Kcor Focus/alignment program exited

GENERAL COMMENT BY mcotter: Mon Oct 19 21:11:48 GMT 2020

The morning has had considerable cloud coverage. Cirrus, Cirrostratus and Cirrocumulus clouds were spread out across most of the sky with a steady stream of high altitude Cirrus blowing from the Southwest to the the West-Northwest.

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

GPS COMMENT by MLSO: Mon Oct 19 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\_288\_2145.bin 300770168

/mnt/usb/dataoutiq\_2020\_289\_2145.bin 2147483647

/mnt/usb/dataoutiq\_2020\_290\_2145.bin 2147483647

/mnt/usb/dataoutiq\_2020\_291\_2145.bin 2147483647

/mnt/usb/dataoutiq\_2020\_292\_2145.bin 2147483647

Disk usage: /dev/sdal 916.9G 179.2G 691.1G 21% /mnt/usb

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

GENERAL COMMENT BY mcotter: Tue Oct 20 00:03:34 GMT 2020

Cirrostratus clouds have increased to the point where the Sun has become obscured and we are unable to observe. Cumulus clouds are forming over the summit of Maunaloa and are increasing to the South. Altostratus clouds are increasing to the West and it is unlikely that further observing can be accomplished.

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

GENERAL COMMENT BY mcotter: Tue Oct 20 01:27:14 GMT 2020

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

GENERAL COMMENT BY mcotter: Tue Oct 20 01:54:11 GMT 2020

High altitude clouds covered most of the sky all day. A small amount of observing was completed over the course of the morning, when the clouds would break up enough to allow for some blue sky to show through. High altitude clouds became thicker and more prevalent in the early afternoon, with brief periods of time when observing could be performed before clouds would reappear and we would need to stop observing. Dome shutter doors and windows closed.

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

ONSITE STAFF: berkey, mcotter