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Mauna Loa Solar Observatory Observer's Log  
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Sat Dec 19 17:17:31 GMT 2020

Year: 20 Doy: 354

Observer: mlso

WEATHER COMMENT: mcotter: Sat Dec 19 17:25:10 GMT 2020

Temp: 37.0f, Humidity: 92%, Pressure: 28.721in, Wind: 12mph from 132degs, Skies: Somewhat clear skies directly overhead, but very heavy cloud coverage to the north, east and south. Very wet and damp out with bits of sleet and mist in the air. The drive up from Hilo was slow going and difficult. Heavy rain and wet roads with ponding water the entire Saddle road. Rain and wet road surfaces almost the entire way up to the NOAA science facility.

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

GENERAL COMMENT BY mcotter: Sat Dec 19 18:01:47 GMT 2020

The wind seems to have picked up, but the rain and mist has stopped.

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

GENERAL COMMENT BY mcotter: Sat Dec 19 18:01:56 GMT 2020

Opened windows upstairs

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

GENERAL COMMENT BY mcotter: Sat Dec 19 18:02:02 GMT 2020

PM Blew off Kcor 01

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

Sat Dec 19 18:04:37 GMT 2020 Kcor Focus/alignment program exited

GENERAL COMMENT BY mcotter: Sat Dec 19 18:09:10 GMT 2020

Focus routine run and a good parabola was obtained. Kcor now running. Polarizer was put into beam and Mid, Bright, Dark and Mid was observed.

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

GENERAL COMMENT BY mcotter: Sat Dec 19 19:57:08 GMT 2020

Stratus and Stratocumulus clouds forming over the summit. Additional Stratus clouds are pushing up from the south and obscuring the viewing causing the image to over saturate. Pausing Kcor for now.

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

GENERAL COMMENT BY mcotter: Sat Dec 19 20:47:42 GMT 2020

Cloud coverage is increasing and the summit has become cloudy and overcast. I have closed the dome shutter doors and windows in the event of precipitation..

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

Sat Dec 19 20:48:08 GMT 2020 Kcor Focus/alignment program exited

GENERAL COMMENT BY mcotter: Sat Dec 19 21:06:16 GMT 2020

Fog and drizzle have now covered the summit of Maunaloa.

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

GPS COMMENT by MLSO: Sat Dec 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\_349\_2338.bin 2147483647

/mnt/usb/dataoutiq\_2020\_350\_2338.bin 2147483647

/mnt/usb/dataoutiq\_2020\_351\_2338.bin 2147483647

/mnt/usb/dataoutiq\_2020\_352\_2338.bin 2147483647

/mnt/usb/dataoutiq\_2020\_353\_2338.bin 2147483647

Disk usage: /dev/sda1                    916.9G    288.4G    581.9G 33% /mnt/usb

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

GENERAL COMMENT BY mcotter: Sun Dec 20 01:10:10 GMT 2020

The weather was not very cooperative today. I was able to run Kcor for a short time this morning, but clouds quickly came in followed by mist and drizzle.

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

ONSITE STAFF: mcotter