Mauna Loa Solar Observatory Observer's Log ______ Sat Nov 14 17:01:17 GMT 2020 Year: 20 Doy: 319 Observer: mlso WEATHER COMMENT: mcotter: Sat Nov 14 17:05:44 GMT 2020 Temp: 38.9f, Humidity: 10%, Pressure: 28.846in, Wind: 13mph from 171degs, Skies: Complete cloud coverage. Cirrostratus, Ci rrocumulus and Altocumulus present over entire sky. Dense fog in the valley with wet road up to the 7000' to 8000' level. Cold and windy. Wind from the south-south east. Cannot open dome at this time because of possibility of precipitation. GENERAL COMMENT BY moother: Sat Nov 14 17:50:34 GMT 2020 Thick cloud coverage still present. The clouds do not even appear to be moving. Cannot open dome at this time. GENERAL COMMENT BY mcotter: Sat Nov 14 19:18:43 GMT 2020 Altostratus or Nimbostratus clouds present over the entire sky. Unable to observe at this time. GPS COMMENT by MLSO: Sat Nov 14 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_315_1713.bin 2147483647 /mnt/usb/dataoutiq_2020_316_1713.bin 2147483647 /mnt/usb/dataoutig 2020 317 1713.bin 2147483647 /mnt/usb/dataoutiq_2020_318_1713.bin 2147483647 /mnt/usb/dataoutig 2020 319 1713.bin 655275712 Disk usage: /dev/sda1 916.9G 640.2G 26% /mnt/usb 230.0G end GENERAL COMMENT BY mcotter: Sun Nov 15 01:36:09 GMT 2020 Cloudy overcast conditions all day. No data today. end

ONSITE STAFF: mcotter