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Mauna Loa Solar Observatory Observer's Log

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Fri Jul 31 16:05:52 GMT 2020

Year: 20 Doy: 213

Observer: mcotter

WEATHER COMMENT: mcotter: Fri Jul 31 16:08:27 GMT 2020

Temp: 45.1f, Humidity: 10%, Pressure: 28.594in, Wind: 9mph from 157deg, Skies: Clear skies. Pinkish brown inversion layer clearly visible higher than Haleakala.

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

GENERAL COMMENT BY mcotter: Fri Jul 31 17:01:37 GMT 2020

Opened windows upstairs

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

GENERAL COMMENT BY mcotter: Fri Jul 31 17:01:43 GMT 2020

PM Blew off Kcor 01

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

Fri Jul 31 17:08:30 GMT 2020 Kcor Focus/alignment program exited

Fri Jul 31 17:12:54 GMT 2020 KCOR Start Synoptic Patrol

\*\*\*\*Possible CME in Progress mcotter\*\*\*\* : Fri Jul 31 17:31:05 GMT 2020

Possible CME seen launching near PA 120 at time sunrise HST. Perhaps launching 1600 UT.

This material associated with material seen at this location yesterday.

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

GPS COMMENT by MLSO: Fri Jul 31 21:45:11 GMT 2020

Successfully logged in to system

Unable to mount disk

GPS software running

Last 5 GPS data files are:

/mnt/usb/dataoutiq\_2018\_014\_2143.bin 2147483647

/mnt/usb/dataoutiq\_2018\_015\_2143.bin 2147483647

/mnt/usb/dataoutiq\_2020\_211\_1958.bin 2147483647

/mnt/usb/dataoutiq\_2020\_212\_1958.bin 2147483647

/mnt/usb/dataoutiq\_2020\_213\_1958.bin 276316656

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

KCOR COMMENT BY mcotter: Sat Aug 01 00:40:30 GMT 2020

Readjusted the occulter to improve image.

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

GENERAL COMMENT BY mcotter: Sat Aug 01 03:03:16 GMT 2020

CME noted first thing this morning. Rest of day clear with low winds. Aerosols were widely present in the morning, than tapering off in the afternoon.

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

ONSITE STAFF: berkey, mcotter