
Mauna Loa Solar Observatory Observer's Log

Tue Sep 15 16:50:31 GMT 2020

Year: 20 Doy: 259

Observer: mlso

WEATHER COMMENT: mcotter: Tue Sep 15 16:50:37 GMT 2020

Temp: 44.5f, Humidity: 6%, Pressure: 28.724in, Wind: 9mph from 159deg, Skies: High altitude clouds present throughout the sky. Horizon hazy. Inversion layer is above Haleakala.

____end____

GENERAL COMMENT BY mcotter: Tue Sep 15 16:50:57 GMT 2020

GONG shack door open.

____end____

GENERAL COMMENT BY mcotter: Tue Sep 15 17:07:31 GMT 2020

Opened windows upstairs

____end____

GENERAL COMMENT BY mcotter: Tue Sep 15 17:08:44 GMT 2020

PM Blew off K-cor O1. Dust artifact present at 10 o'clock position, approx from edge of lens.

____end____

GENERAL COMMENT BY mcotter: Tue Sep 15 17:09:32 GMT 2020

Home positioned Dec drive.

____end____

GENERAL COMMENT BY mcotter: Tue Sep 15 17:26:52 GMT 2020

Sky is a bit bright. I had to run the focus routine a few times to get a well shaped parabola. K-cor running.

____end____

****Possible CME in Progress mcotter**** : Tue Sep 15 18:31:49 GMT 2020

Possible CME seen launching near PA:% at time %UT: Approx 310deg.

____end____

WEATHER COMMENT: mcotter: Tue Sep 15 21:44:07 GMT 2020

Clouds forming on the western slopes of Mauna Loa and pushing themselves up above the summit.

____end____

GPS COMMENT by MLSO: Tue Sep 15 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_254_2145.bin 2147483647

/mnt/usb/dataoutiq_2020_255_2145.bin 2147483647

/mnt/usb/dataoutiq_2020_256_2145.bin 2147483647

/mnt/usb/dataoutiq_2020_257_2145.bin 2147483647

/mnt/usb/dataoutiq_2020_258_2145.bin 2147483647

____end____

GENERAL COMMENT BY mcotter: Tue Sep 15 21:48:25 GMT 2020

The morning was beautiful and mostly clear. Clouds are now forming on western slope of Mauna Loa and coming into view. I am going to continue to run K-cor and hope the skies remain relatively clear enough to observe.

____end____

WEATHER COMMENT: mcotter: Tue Sep 15 21:53:52 GMT 2020

Clouds increasing and forming over observatory and to the N, E, S and West.

____end____

GENERAL COMMENT BY mcotter: Tue Sep 15 21:54:30 GMT 2020
Pausing K-cor.

____end____

WEATHER COMMENT: mcotter: Tue Sep 15 22:53:52 GMT 2020
Thick fog rolling in and enveloping the observatory.

____end____

GENERAL COMMENT BY mcotter: Tue Sep 15 22:54:23 GMT 2020
Closed dome shutter doors and windows.

____end____

GONG COMMENT BY mcotter: Tue Sep 15 22:59:57 GMT 2020
GONG shack door closed.

____end____

GENERAL COMMENT BY mcotter: Wed Sep 16 00:51:43 GMT 2020
The morning started out beautiful, but quickly went downhill around noon time. Clouds and fog are currently present over the summit.

____end____

ONSITE STAFF: mcotter