
Mauna Loa Solar Observatory Observer's Log

Mon Aug 24 16:45:25 GMT 2020

Year: 20 Doy: 237

Observer: mlso

WEATHER COMMENT: mcotter: Mon Aug 24 16:45:34 GMT 2020

Temp: 39.2f, Humidity: 72%, Pressure: 28.672in, Wind: 10mph from 123deg, Skies: Very hazy skies. Inversion layer dark pinkish grey, higher than Maunakea; cannot see Haleakala.

___end___

GENERAL COMMENT BY mcotter: Mon Aug 24 16:45:53 GMT 2020

Opened windows upstairs

___end___

GENERAL COMMENT BY mcotter: Mon Aug 24 16:49:38 GMT 2020

PM Blew off Kcor O1. Artifacts were observed in several places. Dust particles in a few places could not be dislodged with airgun. I also noticed what appears to be a smudge starting from near center going toward 12 o'clock position, perhaps .75" long.

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GENERAL COMMENT BY mcotter: Mon Aug 24 16:57:47 GMT 2020

GONG shack door open.

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Mon Aug 24 17:19:01 GMT 2020 Kcor Focus/alignment program exited

GENERAL COMMENT BY mcotter: Mon Aug 24 17:20:03 GMT 2020

K-cor started.

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GENERAL COMMENT BY mcotter: Mon Aug 24 17:25:21 GMT 2020

Very bright skies.

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GENERAL COMMENT BY mcotter: Mon Aug 24 18:53:09 GMT 2020

There looks to be some large activity going on in the K-cor image between 30deg and 80deg. I am not going to run the calibration procedure at this time.

___end___

GENERAL COMMENT BY mcotter: Mon Aug 24 20:46:29 GMT 2020

Medium size cloud coming into view. Stop K-cor.

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GENERAL COMMENT BY mcotter: Mon Aug 24 20:48:27 GMT 2020

Clouds breaking and drifting northward. Re-start K-cor.

___end___

GPS COMMENT by MLSO: Mon Aug 24 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_232_2145.bin 2147483647

/mnt/usb/dataoutiq_2020_233_2145.bin 222314112

/mnt/usb/dataoutiq_2020_234_2145.bin 2147483647

/mnt/usb/dataoutiq_2020_235_2145.bin 2147483647

/mnt/usb/dataoutiq_2020_236_2145.bin 2147483647

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GENERAL COMMENT BY mcotter: Mon Aug 24 23:03:07 GMT 2020

Re-adjusted occulter position.

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GENERAL COMMENT BY mcotter: Tue Aug 25 02:34:51 GMT 2020

Overall nice day with clear, but slightly bright skies.

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GENERAL COMMENT BY mcotter: Tue Aug 25 02:37:11 GMT 2020

Cleaned and lubricated all dome window frames. Repaired sticking west dome window. Repaired latch on southeast dome window

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___end___

ONSITE STAFF: mcotter