
Mauna Loa Solar Observatory Observer's Log

Thu Aug 13 16:25:59 GMT 2020

Year: 20 Doy: 226

Observer: mlso

WEATHER COMMENT: mcotter: Thu Aug 13 16:30:31 GMT 2020

Temp: 39.1f, Humidity: 53%, Pressure: 28.65in, Wind: 8mph from 182degs, Skies: Bright, very clear skies. Horizon clear with no discernible inversion layer.

____end____

GENERAL COMMENT BY mcotter: Thu Aug 13 16:40:37 GMT 2020

Opened windows upstairs

____end____

GENERAL COMMENT BY mcotter: Thu Aug 13 16:44:56 GMT 2020

PM Blew off Kcor O1. A very noticeable speck of dust was observed on O1, approximately 1" from the edge at the 4:00 o'clock position, when looking at the lens. I tried blowing the speck off several times but it would not budge.

____end____

GENERAL COMMENT BY mcotter: Thu Aug 13 16:46:00 GMT 2020

GONG shack door opened.

____end____

Thu Aug 13 17:25:08 GMT 2020 Kcor Focus/alignment program exited

Thu Aug 13 17:27:22 GMT 2020 Kcor Focus/alignment program exited

Thu Aug 13 17:29:13 GMT 2020 KCOR Start Synoptic Patrol

GENERAL COMMENT BY mcotter: Thu Aug 13 18:49:12 GMT 2020

There appears to be a lot of activity on the k-cor screen at approximately 45deg (2:00 o'clock area). I am not going to run a calibration at this time and see what develops.

____end____

GPS COMMENT by MLSO: Thu Aug 13 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_221_2145.bin 2147483647

/mnt/usb/dataoutiq_2020_222_2145.bin 2147483647

/mnt/usb/dataoutiq_2020_223_2145.bin 2147483647

/mnt/usb/dataoutiq_2020_224_2145.bin 2147483647

/mnt/usb/dataoutiq_2020_225_2145.bin 2147483647

____end____

WEATHER COMMENT: mcotter: Thu Aug 13 22:25:03 GMT 2020

Temp: 53.2f, Humidity: 63%, Pressure: 28.672in, Wind: 5mph from 338degs, Skies: Clouds coming in from the east/southeast, with more clouds creeping up from the west. Stopped K-cor and put in the lens cover for now.

____end____

GENERAL COMMENT BY mcotter: Thu Aug 13 22:25:44 GMT 2020

Stopped SHABAR.

____end____

WEATHER COMMENT: mcotter: Thu Aug 13 22:28:02 GMT 2020

Thick cloud coverage has developed. Closing dome shutter doors and windows in case of rain.

____end____

GENERAL COMMENT BY mcotter: Thu Aug 13 22:54:56 GMT 2020
Closed GONG Shack door.

___end___

WEATHER COMMENT: mcotter: Thu Aug 13 23:25:22 GMT 2020

Temp: 48.8f, Humidity: 93%, Pressure: 28.643in, Wind: 12mph from 349degs, Skies: Complete cloud coverage over site, and fog has rolled in.

___end___

GENERAL COMMENT BY mcotter: Fri Aug 14 00:24:50 GMT 2020

Dense fog has capped the mountain and hard pouring rain.

___end___

GENERAL COMMENT BY mcotter: Fri Aug 14 02:23:58 GMT 2020

First half of the day was very clear with bright skies. Early afternoon clouds moved in rapidly, then fog and rain.

___end___

ONSITE STAFF: mcotter