
Mauna Loa Solar Observatory Observer's Log

Fri Mar 13 17:31:59 GMT 2020

Year: 20 Doy: 073

Observer: berkey

WEATHER COMMENT: berkey: Fri Mar 13 17:33:00 GMT 2020

Temp: 39.9f, Humidity: 66%, Pressure: 28.639in, Wind: 13mph from 217deg, Skies: heavy overcast

____end____

GPS COMMENT by MLSO: Fri Mar 13 21:45:06 GMT 2020

Successfully logged in to system

Good disk mount

GPS software running

Last 5 GPS data files are:

dataoutiq_2020_068_2145.bin 2147483647

dataoutiq_2020_069_2145.bin 2147483647

dataoutiq_2020_070_2145.bin 1848171304

dataoutiq_2020_071_2145.bin 0

dataoutiq_2020_072_2145.bin 0

____end____

Fri Mar 13 22:52:07 GMT 2020 Kcor Focus/alignment program exited

Fri Mar 13 22:56:53 GMT 2020 Kcor Focus/alignment program exited

Fri Mar 13 23:03:20 GMT 2020 Kcor Focus/alignment program exited

Sat Mar 14 00:28:20 GMT 2020 Kcor Focus/alignment program exited

KCOR COMMENT BY berkey: Sat Mar 14 00:28:03 GMT 2020

I worked a little bit on th kcor focus code to give better results when we have high aerosols. The new code will allow for a couple iterations of the focus routine with median filtering of the camera sharpness at each focus position. The default behavior so act identically to the old version.

Changes were not tested on the sun, but using engineering data the algorithm gives reasonable results. Please email or call me if there are any issues with this code on the sun

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____end____

GENERAL COMMENT BY berkey: Sat Mar 14 00:46:33 GMT 2020

Blowing fog most of the day. Looks like conditions will not improve.

____end____

ONSITE STAFF: berkey