
Mauna Loa Solar Observatory Observer's Log

Mon Sep 14 16:53:08 GMT 2020

Year: 20 Doy: 258

Observer: mlso

WEATHER COMMENT: mcotter: Mon Sep 14 16:55:42 GMT 2020

Temp: 43.6f, Humidity: 11%, Pressure: 28.669in, Wind: 8mph from 154degs, Skies: High altitude clouds present. Hazy inversi
on layer visible above Haleakala.

____end____

GENERAL COMMENT BY mcotter: Mon Sep 14 17:05:09 GMT 2020

Opened windows upstairs

____end____

GENERAL COMMENT BY mcotter: Mon Sep 14 17:08:49 GMT 2020

PM Blew off K-cor O1. Two dust artifacts visible on lens that would not move even after several attempts with compressed a
ir; one at 10 o'clock approx 2" from edge, one at approx 11 o'clock approx 2.5" from edge.

____end____

GENERAL COMMENT BY mcotter: Mon Sep 14 17:09:34 GMT 2020

GONG shack door open.

____end____

GENERAL COMMENT BY mcotter: Mon Sep 14 17:25:00 GMT 2020

Tried running focus routine but sky is too bright and passing high altitude clouds are present. Will try again in a few mi
nutes.

____end____

GPS COMMENT by MLSO: Mon Sep 14 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_253_2145.bin 2147483647

/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

____end____

GENERAL COMMENT BY mcotter: Mon Sep 14 22:04:38 GMT 2020

The high altitude clouds have cleared a little bit allowing me to run the focus routine sufficiently to get a decent parab
ola. K-cor is now started and running.

____end____

GENERAL COMMENT BY mcotter: Mon Sep 14 23:13:44 GMT 2020

Clouds have rolled in from the NE, N & NW. Over the observatory is now covered by clouds. Stopped K-cor and wait to see wh
at happens with cloud coverage.

____end____

GENERAL COMMENT BY mcotter: Mon Sep 14 23:38:03 GMT 2020

Break in the cloud coverage. Restarted K-cor.

____end____

GENERAL COMMENT BY mcotter: Mon Sep 14 23:51:03 GMT 2020

Grey clouds have moved in and observatory is now completely covered. Stopped K-cor.

___end___

GENERAL COMMENT BY mcotter: Tue Sep 15 01:07:49 GMT 2020

GONG shack door closed.

___end___

GENERAL COMMENT BY mcotter: Tue Sep 15 01:10:59 GMT 2020

Skies were very bright all day with high altitude clouds present. Tried a few times to run K-cor when the sky looked better, but overall did not get a lot of data. Lower level clouds finally came in from the NE, N & NW in the early afternoon and caused me to close the dome and end K-cor for the remainder of the day.

___end___

ONSITE STAFF: mcotter