
Mauna Loa Solar Observatory Observer's Log

Mon Aug 9 16:43:55 GMT 2021

Year: 21 Doy: 221

Observer: mlso

WEATHER COMMENT: mcotter: Mon Aug 09 16:46:46 GMT 2021

Temp: 40.3f, Humidity: 45%, Pressure: 28.824in, Wind: 9mph from 142degs, Skies: Clear skies above with low level Stratus c
clouds on the coastlines. Inversion layer visible on the horizon just below Maunakea. Light winds from the north.

____end____

GENERAL COMMENT BY mcotter: Mon Aug 09 16:55:20 GMT 2021

Opened windows upstairs

____end____

GENERAL COMMENT BY mcotter: Mon Aug 09 16:55:29 GMT 2021

PM Blew off UCoMP O1

____end____

GENERAL COMMENT BY mcotter: Mon Aug 09 16:55:35 GMT 2021

PM Blew off Kcor O1

____end____

Mon Aug 09 16:59:10 GMT 2021 Running UCOMP Cookbook dark_80ms_2beam_16sums_BOTH.ckb

Mon Aug 09 16:59:30 GMT 2021 Running UCOMP Cookbook 530_Scan.ckb

Mon Aug 09 17:02:47 GMT 2021 Running UCOMP Cookbook 637_Scan.ckb

Mon Aug 09 17:05:40 GMT 2021 Running UCOMP Cookbook 656_Scan.ckb

Mon Aug 09 17:06:20 GMT 2021 Kcor Focus/alignment program exited

UCoMP COMMENT BY mcotter: Mon Aug 09 17:08:25 GMT 2021

Ucomp instrument up and running.

____end____

Mon Aug 09 17:08:31 GMT 2021 Running UCOMP Cookbook 691_Scan.ckb

Mon Aug 09 17:11:22 GMT 2021 Running UCOMP Cookbook 706_Scan.ckb

KCOR COMMENT BY mcotter: Mon Aug 09 17:11:35 GMT 2021

After a few tries of the focus routine a decently shaped parabola was obtained.

Aerosols are noticeable in the focus image.

SGS offsets: X(RA): -140, Y(Dec): 90.

Polarization checked good: Mid, Bright, Dark, Mid.

____end____

Mon Aug 09 20:35:31 GMT 2021 Running UCOMP Cookbook dark_80ms_2beam_16sums_BOTH.ckb

Mon Aug 09 20:35:51 GMT 2021 Running UCOMP Cookbook 530_Scan.ckb

WEATHER COMMENT: mcotter: Mon Aug 09 20:38:34 GMT 2021

Temp: 51.6f, Humidity: 54%, Pressure: 28.822in, Wind: 16mph from 261degs, Skies: Altocumulus clouds are forming over the s
ummit of Maunaloa and are beginning to encroach on the viewing area.

____end____

Mon Aug 09 20:39:08 GMT 2021 Running UCOMP Cookbook 637_Scan.ckb

WEATHER COMMENT: mcotter: Mon Aug 09 20:40:57 GMT 2021

Aerosols are increasing.

____end____

Mon Aug 09 20:41:42 GMT 2021 UCoMP Paused for clouds

KCOR COMMENT BY mcotter: Mon Aug 09 20:42:29 GMT 2021

Kcor has been paused due to clouds in the viewing area.

___end___

UCoMP COMMENT BY mcotter: Mon Aug 09 20:43:02 GMT 2021
Ucomp has been paused due to clouds in the viewing area.

___end___

WEATHER COMMENT: mcotter: Mon Aug 09 21:56:44 GMT 2021
The sky has grown more overcast and darker in color.
The dome shutter doors and windows are now closed.

___end___

WEATHER COMMENT: mcotter: Tue Aug 10 00:29:28 GMT 2021
A steady light rain is falling with wisps of fog blowing through the area.

___end___

Tue Aug 10 02:01:06 GMT 2021 UCoMP Restarted from pause
GENERAL COMMENT BY mcotter: Tue Aug 10 02:04:57 GMT 2021
The day started off clear but clouds began forming around 10:00am HST at which time the instruments were stopped.
Later in the morning the overcast sky turned dark gray and the dome was closed.
Rain and fog rolled in a short while later.

___end___

ONSITE STAFF: mcotter
GENERAL COMMENT BY mcotter: Tue Aug 10 02:24:23 GMT 2021

****Note****
The wooden walkway has some loose boards and earlier today I lost my footing and slipped and fell while going to the NOAA building. I twisted my left knee slightly when I fell, but nothing serious. The boards were also damp witch didn't help, but the boards are also showing their age and some of the nails have worked their way out allowing the boards to move when walking across them.
Please be very careful when walking on the wooden walkways.

___end___

ONSITE STAFF: