
Mauna Loa Solar Observatory Observer's Log

Sat Jul 10 16:44:24 GMT 2021

Year: 21 Doy: 191

Observer: mlso

WEATHER COMMENT: mcotter: Sat Jul 10 16:50:04 GMT 2021

Temp: 44.1f, Humidity: 35%, Pressure: 28.677in, Wind: 5mph from 209degs, Skies: Mostly overcast skies with high altitude C irrus and Cirrostratus and mid level Altocumulus clouds prevalent across most of the sky. Light wind from the southwest. C clouds in the Saddle Valley with fog, mist and rain to approximately 7,500' elevation.

____end____

GENERAL COMMENT BY mcotter: Sat Jul 10 16:50:28 GMT 2021

Holding off on opening dome until skies clear.

____end____

WEATHER COMMENT: mcotter: Sat Jul 10 17:26:42 GMT 2021

High altitude cloud coverage is still quite prevalent but it does seem to be thinning a little bit.

____end____

GENERAL COMMENT BY mcotter: Sat Jul 10 17:27:05 GMT 2021

The dome is now open.

____end____

GENERAL COMMENT BY mcotter: Sat Jul 10 17:27:12 GMT 2021

Opened windows upstairs

____end____

GENERAL COMMENT BY mcotter: Sat Jul 10 17:27:19 GMT 2021

PM Blew off UCoMP 01

____end____

GENERAL COMMENT BY mcotter: Sat Jul 10 17:27:26 GMT 2021

PM Blew off Kcor 01

____end____

KCOR COMMENT BY mcotter: Sat Jul 10 17:30:30 GMT 2021

I tried starting Kcor but the sky is much too bright at this time.

____end____

UCoMP COMMENT BY mcotter: Sat Jul 10 17:33:25 GMT 2021

I tried starting Ucomp but the sky is much too bright at this time.

____end____

Sat Jul 10 18:21:16 GMT 2021 Kcor Focus/alignment program exited

KCOR COMMENT BY mcotter: Sat Jul 10 18:24:18 GMT 2021

Tried running Kcor again but the sky remains much too bright.

____end____

UCoMP COMMENT BY mcotter: Sat Jul 10 18:24:59 GMT 2021

Tried again running Ucomp but the sky remains much too bright.

____end____

Sat Jul 10 18:42:39 GMT 2021 Kcor Focus/alignment program exited

Sat Jul 10 19:07:03 GMT 2021 Kcor Focus/alignment program exited

Sat Jul 10 19:12:32 GMT 2021 Running UCOMP Cookbook all_coronal_7_flats.ckb

KCOR COMMENT BY mcotter: Sat Jul 10 19:15:24 GMT 2021

The sky is still quite bright but I was able to run the Kcor focus routine and obtain a decent parabola.

SGS offsets: X(RA): -138, Y(Dec): 85.

Polarization checked: Mid, Bright, Dark, Mid.

____end____

UCoMP COMMENT BY mcotter: Sat Jul 10 19:16:46 GMT 2021

Ucomp up and running the "daily.menu" program.

____end____

Sat Jul 10 19:29:40 GMT 2021 Running UCOMP Cookbook all_coronal_7.ckb

Sat Jul 10 19:36:40 GMT 2021 Running UCOMP Cookbook all_coronal_7.ckb

Sat Jul 10 19:39:51 GMT 2021 Running UCOMP Cookbook all_coronal_7.ckb

KCOR COMMENT BY mcotter: Sat Jul 10 19:49:06 GMT 2021

The Kcor Stand Alone Image has started to become over saturated from the relatively bright sky.

Kcor has been pause until sky conditions improve.

____end____

Sat Jul 10 19:49:28 GMT 2021 Running UCOMP Cookbook all_coronal_7.ckb

Sat Jul 10 19:58:06 GMT 2021 Running UCOMP Cookbook all_coronal_7.ckb

KCOR COMMENT BY mcotter: Sat Jul 10 20:02:13 GMT 2021

The sky is still bright but I restarted Kcor. The Stand Alone Image is slightly bright but I think that it is acceptable.

____end____

Sat Jul 10 20:08:02 GMT 2021 Running UCOMP Cookbook 530_Scan.ckb

KCOR COMMENT BY mcotter: Sat Jul 10 20:08:32 GMT 2021

Kcor has again been stopped.

The sky is again very bright and the Kcor Stand Alone Image has become light saturated.

____end____

Sat Jul 10 20:22:34 GMT 2021 Running UCOMP Cookbook 637_Scan.ckb

Sat Jul 10 20:36:45 GMT 2021 Running UCOMP Cookbook 656_Scan.ckb

KCOR COMMENT BY mcotter: Sat Jul 10 20:38:28 GMT 2021

The sky remains too bright for Kcor observing.

____end____

Sat Jul 10 20:51:48 GMT 2021 Running UCOMP Cookbook all_coronal_7_flats.ckb

Sat Jul 10 20:54:49 GMT 2021 Running UCOMP Cookbook all_coronal_7_flats.ckb

Sat Jul 10 21:11:14 GMT 2021 Running UCOMP Cookbook all_coronal_7.ckb

Sat Jul 10 21:15:43 GMT 2021 UCoMP Paused for clouds

UCoMP COMMENT BY mcotter: Sat Jul 10 21:18:59 GMT 2021

I started Ucomp again but clouds have returned, so again it has been paused for clouds.

____end____

KCOR COMMENT BY mcotter: Sat Jul 10 21:19:34 GMT 2021

Kcor continues to be down for now due to increasing cloud coverage.

____end____

KCOR COMMENT BY mcotter: Sat Jul 10 21:36:40 GMT 2021

I tried restarting Kcor but the sky continues to be much too bright.

____end____

GENERAL COMMENT BY mcotter: Sat Jul 10 23:19:39 GMT 2021

Unfortunately not a good day for observing. High altitude Cirrus and Altocumulus clouds were present from early morning. I was able to run Kcor and Ucomp for a short while but the sky became very bright and high altitude clouds increased and the instrument were shut down.

____end____

GENERAL COMMENT BY mcotter: Sat Jul 10 23:22:24 GMT 2021

Emptied trash in the dome and the two trash receptacles in the control room were emptied. Additionally I changed the tack mat in the dome vestibule area. The control room floor was swept (thank you for the new brooms and dust pan) and the tab

les were wiped down.

____end____

GENERAL COMMENT BY mcotter: Sat Jul 10 23:23:15 GMT 2021

I cleaned and straightened out the office supply drawer.

____end____

GENERAL COMMENT BY mcotter: Sat Jul 10 23:24:38 GMT 2021

I removed the e-waste and N/G batteries from the control room and will bring them to be recycled in Hilo.

____end____

ONSITE STAFF: mcotter