
Mauna Loa Solar Observatory Observer's Log

Sat May 21 17:06:57 GMT 2022

Year: 22 Doy: 141

Observer: mlso

WEATHER COMMENT: mcotter: Sat May 21 17:10:43 GMT 2022

Temp: 45.4f, Humidity: 78%, Pressure: 28.777in, Wind: 7mph from 122deg, Skies: The upper skies appear clear in all directions but they are bright. The inversion layer is very thick and appears a dark blue gray on the horizon. Haleakala cannot be seen on the horizon because of the thick inversion layer. Heavy VOG is visible in the Saddle Valley and is blocking out visibility at lower elevations. Light wind from the southeast.

____end____

GENERAL COMMENT BY mcotter: Sat May 21 17:10:50 GMT 2022

Opened windows upstairs

____end____

GENERAL COMMENT BY mcotter: Sat May 21 17:10:56 GMT 2022

PM Blew off UCOMP 01

____end____

GENERAL COMMENT BY mcotter: Sat May 21 17:11:02 GMT 2022

PM Blew off Kcor 01

____end____

KCOR COMMENT BY mcotter: Sat May 21 17:11:32 GMT 2022

The sky is currently too bright to observe with Kcor.

____end____

UCOMP COMMENT BY mcotter: Sat May 21 17:12:06 GMT 2022

The sky is currently too bright to observe with Ucomp at this time.

____end____

Sat May 21 17:13:57 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal_flat.cbk line 0

Sat May 21 17:14:04 GMT 2022 UCOMP Paused for clouds

Sat May 21 17:19:56 GMT 2022 Kcor Focus/alignment program exited

Sat May 21 17:58:52 GMT 2022 Kcor Focus/alignment program exited

Sat May 21 17:59:38 GMT 2022 UCOMP Restarted from pause

Sat May 21 18:01:39 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal_flat.cbk line 2

KCOR COMMENT BY mcotter: Sat May 21 18:02:05 GMT 2022

Though the sky is a bit bright, the Kcor instrument is now observing.

____end____

UCOMP COMMENT BY mcotter: Sat May 21 18:02:50 GMT 2022

Though the sky is a bit bright, the Ucomp instrument is now observing.

____end____

Sat May 21 18:15:46 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal.cbk line 0

Sat May 21 18:43:41 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal.cbk line 0

Sat May 21 19:11:08 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal.cbk line 0

Sat May 21 19:38:45 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal_flat.cbk line 0

Sat May 21 19:53:56 GMT 2022 Running UCOMP Cookbook waves_1074_1hour.cbk line 0

Sat May 21 20:06:26 GMT 2022 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20171025.ini

Sat May 21 20:21:41 GMT 2022 KCOR End Calibration Script

Sat May 21 21:03:45 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal.cbk line 0

Sat May 21 21:31:32 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal_flat.cbk line 0

Sat May 21 21:46:43 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal.cbk line 0

Sat May 21 22:13:00 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal.cbk line 17

Sat May 21 22:15:32 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal.cbk line 0

Sat May 21 22:28:15 GMT 2022 UCOMP Paused for clouds

WEATHER COMMENT: mcotter: Sat May 21 22:35:56 GMT 2022

The mornign was relatively clear but the sky was very bright. The VOG was very heavy in the Saddle Valley. Now Orographic clouds have arrived and are over the viewing area and observatory. The VOG has also moved up to the elevation of the observatory and can be smelt and seen.

____end____

KCOR COMMENT BY mcotter: Sat May 21 22:39:12 GMT 2022

Kcor has been stopped due to generally poor sky conditions. Orographic clouds and VOG are now over the observatory.

____end____

UCoMP COMMENT BY mcotter: Sat May 21 22:39:37 GMT 2022

Ucomp has been stopped due to generally poor sky conditions. Orographic clouds and VOG are now over the observatory.

____end____

GENERAL COMMENT BY mcotter: Sat May 21 22:41:02 GMT 2022

The dome shutter doors and windows have been closed at this time due to poor sky conditions.

Orographic clouds and VOG are now over the observatory.

____end____

Sat May 21 23:26:13 GMT 2022 UCoMP Restarted from pause

GENERAL COMMENT BY mcotter: Sun May 22 01:36:36 GMT 2022

The early morning sky was fairly bright but Kcor and Ucomp were able to run most of the morning. By early afternoon Orographic clouds with VOG came up from the Saddle Valley and I closed the dome. The clouds did break up a bit later, but the sky remained much too bright to do further observations.

____end____

ONSITE STAFF: mcotter