
Mauna Loa Solar Observatory Observer's Log

Sat Jul 30 16:48:59 GMT 2022

Year: 22 Doy: 211

Observer: mcotter

WEATHER COMMENT: mcotter: Sat Jul 30 16:53:20 GMT 2022

Temp: 39.2f, Humidity: 65%, Pressure: 28.812in, Wind: 6mph from 179deg. Overcast skies with Cirrostratus and Altocumulus clouds scattered across the entire sky at various levels. Wet conditions at the science area with a very light wind from the south.

____end____

GENERAL COMMENT BY mcotter: Sat Jul 30 16:53:52 GMT 2022

Keeping the dome closed at this time due to poor weather conditions and cloudy skies.

____end____

Sat Jul 30 19:02:11 GMT 2022 Kcor Focus/alignment program exited

Sat Jul 30 19:03:08 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal_flat.cbk line 0

Sat Jul 30 19:05:14 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal_flat.cbk line 2

WEATHER COMMENT: mcotter: Sat Jul 30 19:05:14 GMT 2022

There are still upper level clouds scattered across the southwest, west and northern parts of the sky but where the Sun is currently the clouds have burned off and the sky, though bright, looks blue.

____end____

GENERAL COMMENT BY mcotter: Sat Jul 30 19:05:35 GMT 2022

The dome is now open.

____end____

GENERAL COMMENT BY mcotter: Sat Jul 30 19:05:42 GMT 2022

Opened windows upstairs

____end____

GENERAL COMMENT BY mcotter: Sat Jul 30 19:05:47 GMT 2022

PM Blew off UCOMP 01

____end____

GENERAL COMMENT BY mcotter: Sat Jul 30 19:05:53 GMT 2022

PM Blew off Kcor 01

____end____

KCOR COMMENT BY mcotter: Sat Jul 30 19:06:43 GMT 2022

Though the sky is bright the Kcor instrument is now observing.

____end____

UCOMP COMMENT BY mcotter: Sat Jul 30 19:07:31 GMT 2022

Though the sky is bright the Ucomp instrument is now observing.

____end____

Sat Jul 30 19:24:44 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal.cbk line 0

Sat Jul 30 20:01:13 GMT 2022 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20171025.ini

Sat Jul 30 20:03:15 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal.cbk line 0

Sat Jul 30 20:16:26 GMT 2022 KCOR End Calibration Script

Sat Jul 30 20:41:29 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal.cbk line 0

Sat Jul 30 21:19:51 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal_flat.cbk line 0

Sat Jul 30 21:40:27 GMT 2022 Running UCOMP Cookbook waves_1074_1hour.cbk line 0

****CME Retraction BY mcotter**** : Sat Jul 30 22:27:43 GMT 2022

CME at The automated CME detection system reported a CME occurring at UT 22:03:25 at PA 125.5 deg.

After a thorough look at the data a CME cannot be confirmed and it is more likely that the elevated aerosols in the images have triggered a false alert.

____end____

Sat Jul 30 22:28:24 GMT 2022 UCOMP Paused for clouds

Sat Jul 30 22:31:59 GMT 2022 UCOMP Restarted from pause

WEATHER COMMENT: mcotter: Sat Jul 30 22:32:07 GMT 2022

Cirrocumulus clouds have begun to pass through the viewing area. The instruments were briefly paused but are again observing.

____end____

Sat Jul 30 22:34:09 GMT 2022 Running UCOMP Cookbook waves_1074_1hour.cbk line 90

Sat Jul 30 22:38:30 GMT 2022 Running UCOMP Cookbook waves_1074_1hour.cbk line 96

Sat Jul 30 22:39:43 GMT 2022 UCOMP Paused for clouds

WEATHER COMMENT: mcotter: Sat Jul 30 22:45:10 GMT 2022

Upper level clouds have again entered the viewing area and there is now a halo around the Sun.

The instruments have been paused at this time due to poor sky conditions and clouds in the viewing area.

Also, aerosols have increased dramatically in the last couple of hours.

____end____

Sat Jul 30 22:52:22 GMT 2022 UCoMP Restarted from pause

GENERAL COMMENT BY mcotter: Sat Jul 30 22:52:32 GMT 2022

The instruments are again observing.

____end____

Sat Jul 30 22:55:39 GMT 2022 UCoMP Paused for clouds

GENERAL COMMENT BY mcotter: Sat Jul 30 22:57:32 GMT 2022

The instruments are again paused due to poor sky conditions and clouds in the viewing area.

____end____

WEATHER COMMENT: mcotter: Sat Jul 30 23:14:50 GMT 2022

The sky is now completely covered in Cirrostratus and Cirrocumulus clouds, in all directions from horizon to horizon.

____end____

Sat Jul 30 23:40:01 GMT 2022 UCoMP Restarted from pause

Sat Jul 30 23:46:09 GMT 2022 Kcor Focus/alignment program exited

Sat Jul 30 23:53:42 GMT 2022 Kcor Focus/alignment program exited

GENERAL COMMENT BY mcotter: Sat Jul 30 23:57:10 GMT 2022

The sky continues to be too bright to observe.

____end____

GENERAL COMMENT BY mcotter: Sun Jul 31 00:25:18 GMT 2022

Several attempts were made to observe but each time the sky quickly became bright and then clouds again formed in the viewing area.

____end____

GENERAL COMMENT BY mcotter: Sun Jul 31 00:34:03 GMT 2022

The day started out with cloud coverage across almost the entire sky. Within an hour or so the clouds dissipated enough to run the instruments but the sky was very bright. By mid morning the sky brightness diminished and the images looked acceptable but aerosols were very prevalent in the images. Early in the afternoon the sky began to get bright again and then the clouds returned and covered most of the sky again. A few times I thought that maybe there were windows of sky to observe in, but when I attempted to observe with the instruments the sky was much too bright to observe. The sky continues to be too bright to observe with clouds continuing to form in the viewing area.

____end____

ONSITE STAFF: mcotter