
Mauna Loa Solar Observatory Observer's Log

Sat Aug 27 16:49:46 GMT 2022

Year: 22 Doy: 239

Observer: mlso

WEATHER COMMENT: mcotter: Sat Aug 27 16:51:07 GMT 2022

Temp: 37.0f, Humidity: 24%, Pressure: 28.733in, Wind: 4mph from 178 degs. Clear skies above with clouds in the Saddle Valley. The inversion layer is visible on the horizon well below Haleakala. Light wind from the south.

____end____

GENERAL COMMENT BY mcotter: Sat Aug 27 16:51:14 GMT 2022

Opened windows upstairs

____end____

GENERAL COMMENT BY mcotter: Sat Aug 27 16:51:22 GMT 2022

PM Blew off UCOMP 01

____end____

GENERAL COMMENT BY mcotter: Sat Aug 27 16:51:28 GMT 2022

PM Blew off Kcor 01

____end____

Sat Aug 27 16:53:42 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal_flat.cbk line 0

Sat Aug 27 16:54:10 GMT 2022 Kcor Focus/alignment program exited

Sat Aug 27 17:07:35 GMT 2022 Kcor Focus/alignment program exited

UCOMP COMMENT BY mcotter: Sat Aug 27 17:10:13 GMT 2022

Ucomp instrument up and observing.

____end____

KCOR COMMENT BY mcotter: Sat Aug 27 17:10:33 GMT 2022

Kcor instrument up and observing.

____end____

Sat Aug 27 17:14:36 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal.cbk line 0

****Possible CME in Progress reported by mcotter**** : Sat Aug 27 17:45:23 GMT 2022

TIME: 17:12:10 UT

PA: 240 deg

WIDTH: 20 deg

Observer report with Medium confidence a CME observed at the time, position angle, and width noted.

This CME event was already in progress at the start of observing].

____end____

Sat Aug 27 17:53:06 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal.cbk line 0

Sat Aug 27 18:31:17 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal.cbk line 0

Sat Aug 27 19:09:30 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal_flat.cbk line 0

Sat Aug 27 19:30:16 GMT 2022 Running UCOMP Cookbook waves_1074_1hour.cbk line 0

Sat Aug 27 20:18:37 GMT 2022 UCOMP Paused for clouds

WEATHER COMMENT: mcotter: Sat Aug 27 20:18:13 GMT 2022

Orographic clouds have moved up the Western slope of Maunaloa and are beginning to encroach into the science area.

The instruments have been paused due to poor sky conditions.

____end____

UCOMP COMMENT BY mcotter: Sat Aug 27 20:18:39 GMT 2022

Ucomp has been paused due to poor sky conditions.

____end____

KCOR COMMENT BY mcotter: Sat Aug 27 20:19:00 GMT 2022

Kcor has been paused due to poor sky conditions.

____end____

Sat Aug 27 20:25:19 GMT 2022 UCOMP Restarted from pause

UCOMP COMMENT BY mcotter: Sat Aug 27 20:25:16 GMT 2022

Ucomp again observing.

____end____

KCOR COMMENT BY mcotter: Sat Aug 27 20:25:33 GMT 2022

Kcor again observing.

____end____

Sat Aug 27 20:41:24 GMT 2022 Running UCOMP Cookbook waves_1074_1hour.cbk line 113

Sat Aug 27 20:49:40 GMT 2022 Running UCOMP Cookbook dark_80ms_2beam_16sums_BOTH.cbk line 0

Sat Aug 27 20:50:57 GMT 2022 Running UCOMP Cookbook 637_Pol_Calibrate.cbk line 0

Sat Aug 27 20:55:01 GMT 2022 Running UCOMP Cookbook 706_Pol_Calibrate.cbk line 0
Sat Aug 27 20:59:06 GMT 2022 Running UCOMP Cookbook 789_Pol_Calibrate.cbk line 0
WEATHER COMMENT: mcotter: Sat Aug 27 21:00:27 GMT 2022
Orographic clouds are back in the viewing area and the instruments are again paused.
____end____
UCoMP COMMENT BY mcotter: Sat Aug 27 21:00:47 GMT 2022
Ucomp has been paused to to poor sky conditions.
____end____
KCOR COMMENT BY mcotter: Sat Aug 27 21:01:03 GMT 2022
Kcor has been paused due to poor sky conditions.
____end____
WEATHER COMMENT: mcotter: Sat Aug 27 21:02:21 GMT 2022
The wind is beginning to pick up and is getting a bit gusty blowing from the Northwest.
____end____
Sat Aug 27 21:07:08 GMT 2022 Running UCOMP Cookbook 1074_Pol_Calibrate.cbk line 0
Sat Aug 27 21:07:09 GMT 2022 UCoMP Paused for clouds
Sat Aug 27 21:43:22 GMT 2022 UCoMP Restarted from pause
KCOR COMMENT BY mcotter: Sat Aug 27 21:43:13 GMT 2022
Kcor again observing.
____end____
UCoMP COMMENT BY mcotter: Sat Aug 27 21:43:30 GMT 2022
Ucomp again observing.
____end____
Sat Aug 27 21:44:43 GMT 2022 UCoMP Paused for clouds
WEATHER COMMENT: mcotter: Sat Aug 27 21:44:58 GMT 2022
The time on sky was short lived as clouds moved into the viewing area almost immediately.
____end____
UCoMP COMMENT BY mcotter: Sat Aug 27 21:45:30 GMT 2022
Ucomp has been paused to to poor sky conditions.
____end____
KCOR COMMENT BY mcotter: Sat Aug 27 21:45:48 GMT 2022
Kcor has been paused due to poor sky conditions.
____end____
Sat Aug 27 22:08:09 GMT 2022 UCoMP Restarted from pause
Sat Aug 27 22:10:33 GMT 2022 Running UCOMP Cookbook 1079_Pol_Calibrate.cbk line 0
Sat Aug 27 22:14:46 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal.cbk line 0
Sat Aug 27 22:48:29 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal.cbk line 17
Sat Aug 27 22:55:09 GMT 2022 UCoMP Paused for clouds
GENERAL COMMENT BY mcotter: Sat Aug 27 23:51:53 GMT 2022
The sky is now totally overcast with dark gray clouds. The dome is now closed due overcast skies and imminent fog.
____end____
Sun Aug 28 01:31:00 GMT 2022 UCoMP Restarted from pause
GENERAL COMMENT BY mcotter: Sun Aug 28 01:47:56 GMT 2022
The day started with a clear sky with good viewing, but by mid to late morning clouds began to make their way into the viewing area.
____end____
ONSITE STAFF: mcotter