
Mauna Loa Solar Observatory Observer's Log

Mon Jun 27 16:37:00 GMT 2022

Year: 22 Doy: 178

Observer: mlso

WEATHER COMMENT: mcotter: Mon Jun 27 16:48:07 GMT 2022

Temp: 45.7f, Humidity: 5%, Pressure: 28.703in, Wind: 3mph from 208degs, Skies: High altitude Cirrus clouds scattered all across the sky in various areas. Altocumulus clouds in various areas of the Saddle Valley. The inversion layer is hazy and appears to be well below Haleakala. Little to no wind.

___end___

GENERAL COMMENT BY mcotter: Mon Jun 27 16:48:14 GMT 2022

Opened windows upstairs

___end___

GENERAL COMMENT BY mcotter: Mon Jun 27 16:48:20 GMT 2022

PM Blew off UCOMP 01

___end___

GENERAL COMMENT BY mcotter: Mon Jun 27 16:48:27 GMT 2022

PM Blew off Kcor 01

___end___

Mon Jun 27 16:50:29 GMT 2022 Kcor Focus/alignment program exited

WEATHER COMMENT: mcotter: Mon Jun 27 16:51:29 GMT 2022

The sky is much too bright at this time to observe.

___end___

KCOR COMMENT BY mcotter: Mon Jun 27 16:51:53 GMT 2022

The sky is much too bright to observe at this time.

___end___

UCOMP COMMENT BY mcotter: Mon Jun 27 16:52:24 GMT 2022

The sky is much too bright to observe at this time.

___end___

Mon Jun 27 17:10:38 GMT 2022 Kcor Focus/alignment program exited

Mon Jun 27 17:12:26 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal_flat.cbk line 0

Mon Jun 27 17:12:26 GMT 2022 UCOMP Paused for clouds

Mon Jun 27 17:12:27 GMT 2022 UCOMP Restarted from pause

KCOR COMMENT BY mcotter: Mon Jun 27 17:13:24 GMT 2022

The sky remains fairly bright but an acceptable parabola was obtained in the Kcor focus routine.

Kcor now observing, though the sky remains somewhat bright.

___end___

UCOMP COMMENT BY mcotter: Mon Jun 27 17:14:12 GMT 2022

The Ucomp is now observing, though the sky does remain somewhat bright.

___end___

Mon Jun 27 17:27:39 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal.cbk line 0

Mon Jun 27 17:55:27 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal.cbk line 0

Mon Jun 27 18:11:11 GMT 2022 UCOMP Paused for clouds

WEATHER COMMENT: mcotter: Mon Jun 27 18:12:03 GMT 2022

High altitude Cirrus and Cirrostratus clouds still remain in patches across the sky. The sky is becoming a bit too bright at this time so observation will need to be paused.

___end___

UCOMP COMMENT BY mcotter: Mon Jun 27 18:12:37 GMT 2022

The sky has become too bright to observe.

Ucomp is now paused.

___end___

KCOR COMMENT BY mcotter: Mon Jun 27 18:13:31 GMT 2022

The sky has become too bright too bright to observe.

Kcor has been paused until conditions improve.

___end___

Mon Jun 27 19:14:03 GMT 2022 UCOMP Restarted from pause

WEATHER COMMENT: mcotter: Mon Jun 27 19:14:33 GMT 2022

Cirrostratus clouds are increasing and the sky now shows a light thin upper level overcast. Though the sky appears bright the instruments are again observing.

___end___

UCOMP COMMENT BY mcotter: Mon Jun 27 19:15:02 GMT 2022

Ucomp is again observing.

___end___

Mon Jun 27 19:16:17 GMT 2022 UCoMP Paused for clouds
KCOR COMMENT BY mcotter: Mon Jun 27 19:17:25 GMT 2022
Observing with Kcor was attempted, but the sky remains too bright to observe at this time.
____end____
UCoMP COMMENT BY mcotter: Mon Jun 27 19:17:52 GMT 2022
Ucomp again paused due to bright skies.
____end____
Mon Jun 27 20:08:36 GMT 2022 UCoMP Restarted from pause
Mon Jun 27 20:16:08 GMT 2022 UCoMP Paused for clouds
WEATHER COMMENT: mcotter: Mon Jun 27 20:40:12 GMT 2022
Bright skies persist.
Several attempts have been made to observe with the instruments but the sky remains much too bright at this time.
____end____
Mon Jun 27 21:23:14 GMT 2022 UCoMP Restarted from pause
Mon Jun 27 21:24:12 GMT 2022 UCoMP Paused for clouds
Mon Jun 27 21:25:45 GMT 2022 UCoMP Restarted from pause
GENERAL COMMENT BY mcotter: Mon Jun 27 21:26:18 GMT 2022
The sky remains bright but the instruments are again observing.
____end____
Mon Jun 27 21:28:18 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal.cbk line 18
Mon Jun 27 21:28:19 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal.cbk line 0
Mon Jun 27 21:55:46 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal_flat.cbk line 0
Mon Jun 27 22:06:36 GMT 2022 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20171025.ini
Mon Jun 27 22:10:58 GMT 2022 Running UCOMP Cookbook waves_1074_1hour.cbk line 0
Mon Jun 27 22:21:48 GMT 2022 KCOR End Calibration Script
GENERAL COMMENT BY mcotter: Mon Jun 27 22:41:40 GMT 2022
____end____
GENERAL COMMENT BY mcotter: Mon Jun 27 22:46:07 GMT 2022
The bright skies that were prevalent earlier have dissipated. Most of the high altitude Cirrus has moved to the northern part of the sky and the data images appear good. Aerosols are observable in the Kcor Quicklook images but not too excessive.
____end____
Mon Jun 27 23:20:46 GMT 2022 Running UCOMP Cookbook dark_80ms_2beam_16sums_BOTH.cbk line 0
Mon Jun 27 23:22:03 GMT 2022 Running UCOMP Cookbook 637_Pol_Calibrate.cbk line 0
Mon Jun 27 23:26:07 GMT 2022 Running UCOMP Cookbook 706_Pol_Calibrate.cbk line 0
Mon Jun 27 23:30:12 GMT 2022 Running UCOMP Cookbook 789_Pol_Calibrate.cbk line 0
Mon Jun 27 23:34:24 GMT 2022 Running UCOMP Cookbook 1074_Pol_Calibrate.cbk line 0
Mon Jun 27 23:38:27 GMT 2022 Running UCOMP Cookbook 1079_Pol_Calibrate.cbk line 0
Mon Jun 27 23:42:40 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal.cbk line 0
Tue Jun 28 00:10:38 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal_flat.cbk line 0
Tue Jun 28 00:25:49 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal.cbk line 0
GENERAL COMMENT BY mcotter: Tue Jun 28 00:41:29 GMT 2022
Aerosols continue to increase, as can be observed in the Kcor NRGF and Quicklook images. Though the images show elevated aerosol levels the images still look acceptable.
____end____
Tue Jun 28 00:53:45 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal.cbk line 0
Tue Jun 28 01:21:13 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal.cbk line 0
Tue Jun 28 01:48:40 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal_flat.cbk line 0
Tue Jun 28 02:03:52 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal.cbk line 0
Tue Jun 28 02:31:38 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal.cbk line 0
****Possible CME in Progress mcotter**** : Tue Jun 28 02:37:48 GMT 2022
Observer reports with medium confidence a CME observed launching near PA270 deg, with a minimum width of 10 deg at UT time 02:12:02.
This CME appears small and fast moving.
____end____
Tue Jun 28 02:59:18 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal.cbk line 0
GENERAL COMMENT BY mcotter: Tue Jun 28 03:07:40 GMT 2022
Some early morning clouds made for some bright skies at the start of the day, but overall a good day of observations.

___end___

ONSITE STAFF: mcotter