
Mauna Loa Solar Observatory Observer's Log

Tue Jun 28 16:50:23 GMT 2022

Year: 22 Doy: 179

Observer: mcotter

Tue Jun 28 16:50:56 GMT 2022 Kcor Focus/alignment program exited

WEATHER COMMENT: mcotter: Tue Jun 28 16:53:36 GMT 2022

Temp: 50.8f, Humidity: 2%, Pressure: 28.627in, Wind: 11mph from 121deg, Skies: The sky is bright and has wisps of high altitude Cirrus in patches across various areas of the sky. The inversion layer is visible on the horizon just below Haleakala. Moderate winds from the south-southeast. Altocumulus clouds in the Saddle Valley.

____end____

GENERAL COMMENT BY mcotter: Tue Jun 28 16:53:48 GMT 2022

Opened windows upstairs

____end____

GENERAL COMMENT BY mcotter: Tue Jun 28 16:53:54 GMT 2022

PM Blew off UCoMP 01

____end____

GENERAL COMMENT BY mcotter: Tue Jun 28 16:54:00 GMT 2022

PM Blew off Kcor 01

____end____

KCOR COMMENT BY mcotter: Tue Jun 28 16:56:14 GMT 2022

Attempted to run the Kcor Focus routine but the sky remains much too bright at this time to start observations.

____end____

Tue Jun 28 17:05:16 GMT 2022 Kcor Focus/alignment program exited

Tue Jun 28 17:07:16 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal_flat.cbk line 0

KCOR COMMENT BY mcotter: Tue Jun 28 17:08:10 GMT 2022

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

____end____

UCOMP COMMENT BY mcotter: Tue Jun 28 17:08:49 GMT 2022

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

____end____

Tue Jun 28 17:22:28 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal.cbk line 0

Tue Jun 28 17:50:14 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal.cbk line 0

Tue Jun 28 18:17:43 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal.cbk line 0

Tue Jun 28 18:45:31 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal_flat.cbk line 0

Tue Jun 28 18:54:17 GMT 2022 UCoMP Paused for clouds

Tue Jun 28 19:11:18 GMT 2022 UCoMP Restarted from pause

Tue Jun 28 19:17:38 GMT 2022 Running UCOMP Cookbook waves_1074_1hour.cbk line 0

WEATHER COMMENT: mcotter: Tue Jun 28 19:28:53 GMT 2022

High altitude Cirrus clouds are becoming more prevalent. The instruments were paused briefly as the viewing area traveled through a patch of Cirrus. The instruments are again observing, though the sky is getting brighter.

____end____

Tue Jun 28 19:33:56 GMT 2022 UCoMP Paused for clouds

GENERAL COMMENT BY mcotter: Tue Jun 28 19:37:44 GMT 2022

High altitude Cirrus clouds are increasing and are now stretched across most of the sky. The instruments are again paused at this time due to poor sky conditions.

____end____

WEATHER COMMENT: mcotter: Tue Jun 28 19:52:19 GMT 2022

Cloud coverage is increasing and a thin layer of Cirrostratus clouds have formed across the sky causing a pale halo around the Sun.

____end____

WEATHER COMMENT: mcotter: Tue Jun 28 21:34:51 GMT 2022

Cloud coverage continues to increase.

____end____

GENERAL COMMENT BY mcotter: Tue Jun 28 22:06:53 GMT 2022

When viewing the sky, via the Yawcam Preview image, it looked like the clouds may have broken up a bit and a window of blue sky presented itself, but when Kcor was restarted the sky was much too bright.

____end____

GENERAL COMMENT BY mcotter: Tue Jun 28 22:40:07 GMT 2022

Clouds are again increasing and bands of Cirrus and Cirrostratus clouds are completely

covering the sky.

____end____

Tue Jun 28 22:57:31 GMT 2022 UCoMP Restarted from pause

GENERAL COMMENT BY mcotter: Tue Jun 28 23:00:12 GMT 2022

Emptied trash receptacle in the control room.

____end____

GENERAL COMMENT BY mcotter: Tue Jun 28 23:00:57 GMT 2022

Keyboard and monitors froze; restarted KVM computer.

____end____

GENERAL COMMENT BY mcotter: Tue Jun 28 23:09:11 GMT 2022

Though the early morning sky was bright, observations were made until mid to late morning. At this time bands of high altitude Cirrus and a layer of Cirrostratus began to cover the sky. By late morning the sky was completely overcast.

____end____

ONSITE STAFF: