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Mauna Loa Solar Observatory Observer's Log  
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Tue May 31 17:12:24 GMT 2022

Year: 22 Doy: 151

Observer: mcotter

Tue May 31 17:20:37 GMT 2022 Kcor Focus/alignment program exited

Tue May 31 17:21:21 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal\_flat.cbk line 0

WEATHER COMMENT: mcotter: Tue May 31 17:25:15 GMT 2022

Temp: 52.8f, Humidity: 12%, Pressure: 28.545in, Wind: 17mph from 161degs, Skies: Mostly clear skies but there are long wisps of high altitude Cirrus in the southern sky stretching westward. Gusty steady wind blowing from the south-southeast. Inversion layer visible on the horizon well below Haleakala. Slightly hazy skies at lower elevations with little to no VOG visible at this time.

\_\_\_end\_\_\_

GENERAL COMMENT BY mcotter: Tue May 31 17:25:21 GMT 2022

PM Blew off Kcor 01

\_\_\_end\_\_\_

GENERAL COMMENT BY mcotter: Tue May 31 17:25:29 GMT 2022

PM Blew off UCOMP 01

\_\_\_end\_\_\_

KCOR COMMENT BY mcotter: Tue May 31 17:25:59 GMT 2022

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

\_\_\_end\_\_\_

UCOMP COMMENT BY mcotter: Tue May 31 17:26:30 GMT 2022

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

\_\_\_end\_\_\_

Tue May 31 17:36:32 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 0

Tue May 31 17:48:12 GMT 2022 UCOMP Paused for clouds

KCOR COMMENT BY mcotter: Tue May 31 17:48:28 GMT 2022

Kcor stopped because of brightening skies.

\_\_\_end\_\_\_

UCOMP COMMENT BY mcotter: Tue May 31 17:48:57 GMT 2022

Ucomp stopped because of brightening skies.

\_\_\_end\_\_\_

WEATHER COMMENT: mcotter: Tue May 31 18:49:21 GMT 2022

Unfortunately cloud coverage is getting thicker.

\_\_\_end\_\_\_

WEATHER COMMENT: mcotter: Tue May 31 21:02:33 GMT 2022

The sky is now completely covered in high altitude Cirrus and Cirrocumulus clouds with a layer of Cirrostratus clouds present as well. A well defined halo is visible around the Sun at this time.

\_\_\_end\_\_\_

Tue May 31 21:19:49 GMT 2022 UCOMP Restarted from pause

GENERAL COMMENT BY mcotter: Tue May 31 21:28:07 GMT 2022

My earlier hope that the cloud coverage of this morning would burn off is not likely to happen. Overall cloud coverage of various types, Cirrus, Cirrocumulus and Cirrostratus (upper level clouds) has increased dramatically and the sky appears quite bright with a large halo visible around the Sun.

Looking at the current satellite images, no large storm systems are observed anywhere near the Hawaiian Islands. What is visible is mostly upper level clouds for the next couple of days, making for bright days. We may be able to get observation in if the clouds stay mostly to the south (where they are trending for now) and the thin upper level clouds burn off as the Sun rises.

Thankfully the heavy VOG that we have been experiencing the last couple of weeks has diminished and the skies are not nearly as hazy as they have been.

\_\_\_end\_\_\_

GENERAL COMMENT BY mcotter: Tue May 31 21:28:41 GMT 2022

\_\_\_end\_\_\_

ONSITE STAFF: lisapg, mcotter