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Mauna Loa Solar Observatory Observer's Log  
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Tue Aug 9 16:45:33 GMT 2022

Year: 22 Doy: 221

Observer: mcotter

WEATHER COMMENT: mcotter: Tue Aug 09 17:11:11 GMT 2022

Temp: 45.2f, Humidity: 33%, Pressure: 28.72in, Wind: 14mph from 106degs. Hazy skies with high altitude Cirrus clouds scattered in patches across the entire sky. The sky is very bright at this time with a thin layer of Cirrostratus clouds covering the sky.

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

\*\*KCOR PROBLEM COMMENT BY mcotter\*\* : Tue Aug 09 17:14:24 GMT 2022

When the dome was opened this morning the positive air flow HEPA vacuum that goes to the tube had come off at the vacuum flange during the night. This has happened before so to remedy this from happening again I removed all the old tape that had been holding it in place and drilled and screwed it into place. I then taped over the screw holes and flange seam.

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

GENERAL COMMENT BY mcotter: Tue Aug 09 17:15:12 GMT 2022

The window were left closed at this time due to gusty winds from the southeast.

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

GENERAL COMMENT BY mcotter: Tue Aug 09 17:15:24 GMT 2022

PM Blew off Kcor Field Lens

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

GENERAL COMMENT BY mcotter: Tue Aug 09 17:15:31 GMT 2022

PM Blew off Kcor 01

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

GENERAL COMMENT BY mcotter: Tue Aug 09 17:15:39 GMT 2022

PM Blew off UCOMP 01

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

Tue Aug 09 17:17:47 GMT 2022 Kcor Focus/alignment program exited

GENERAL COMMENT BY mcotter: Tue Aug 09 17:19:15 GMT 2022

An attempt was made to run the Kcor focus routine but as noted earlier the sky is much too bright to operate the instruments at this time.

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

Tue Aug 09 19:10:41 GMT 2022 Kcor Focus/alignment program exited

GENERAL COMMENT BY mcotter: Tue Aug 09 19:41:08 GMT 2022

The Kcor focus routine was run and though the sky is bright a well shaped parabola was obtained.

When the Kcor Stand Alone image Acquisition program was started the level 0 Synoptic images were over saturated with light with the brightness emanating from the center.

The Kcor instrument is again paused due to poor sky conditions.

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

Tue Aug 09 20:21:04 GMT 2022 Running UCOMP Cookbook poor-weather-coronal-with-flats.cbk  
line 0

Tue Aug 09 20:22:55 GMT 2022 Running UCOMP Cookbook poor-weather-coronal-with-flats.cbk  
line 1

GENERAL COMMENT BY mcotter: Tue Aug 09 20:22:29 GMT 2022

The sky remains bright but the data looks acceptable.

Kcor instrument now observing.

Ucomp instrument now observing.

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

Tue Aug 09 20:36:50 GMT 2022 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20171025.ini

Tue Aug 09 20:52:04 GMT 2022 KCOR End Calibration Script

Tue Aug 09 21:00:37 GMT 2022 UCOMP Paused for clouds

GENERAL COMMENT BY mcotter: Tue Aug 09 21:02:03 GMT 2022

The sky is beginning to get bright again, too bright to observe.

Kcor has been stopped due to poor sky conditions.

Ucomp has been paused due to poor sky conditions.

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

WEATHER COMMENT: mcotter: Tue Aug 09 23:22:29 GMT 2022

The sky is now completely overcast with high altitude Cirrostratus clouds.

The dome is now closed.

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

Tue Aug 09 23:23:57 GMT 2022 UCOMP Restarted from pause

GENERAL COMMENT BY mcotter: Wed Aug 10 01:54:41 GMT 2022

The day started out with a very bright sky, but by mid morning some observations were accomplished before the sky once again became too bright in the late morning.

end

ONSITE STAFF: