
Mauna Loa Solar Observatory Observer's Log

Tue May 10 17:01:07 GMT 2022
Year: 22 Doy: 130
Observer: mcotter
WEATHER COMMENT: mcotter: Tue May 10 17:07:48 GMT 2022
Temp: 44.8f, Humidity: 25%, Pressure: 28.688in, Wind: 6mph from 136degs, Skies: The rid
e from Hilo up in to the Saddle Valley was very difficult with heavy rains, dense fog w
ith localized flooding and ponding on the road surface. Very slow going. Fog, mist and
rain with overcast skies from the Saddle Valley to approximately 8500' elevation. Wet r
oad conditions from approximately 8500' elevation to the science area. There are lots o
f Altostratus clouds at lower elevations in all directions. Dark blue gray inversion la
yer visible on the horizon just below Haleakala.
___end___
GENERAL COMMENT BY mcotter: Tue May 10 17:07:54 GMT 2022
Opened windows upstairs
___end___
GENERAL COMMENT BY mcotter: Tue May 10 17:08:00 GMT 2022
PM Blew off UCoMP O1
___end___
GENERAL COMMENT BY mcotter: Tue May 10 17:08:09 GMT 2022
PM Blew off Kcor O1
___end___
GENERAL COMMENT BY mcotter: Tue May 10 17:08:57 GMT 2022
The sky is quite bright at the present time, too bright to observe.
___end___
KCOR COMMENT BY mcotter: Tue May 10 17:09:46 GMT 2022
The sky is presently too bright to observe with Kcor at this time.
___end___
UCoMP COMMENT BY mcotter: Tue May 10 17:10:19 GMT 2022
The sky is too bright to observe with Ucomp at this time.
___end___
Tue May 10 17:40:07 GMT 2022 Kcor Focus/alignment program exited
KCOR COMMENT BY mcotter: Tue May 10 17:40:55 GMT 2022
The sky remains too bright to operate Kcor.
___end___
UCoMP PROBLEM COMMENT BY mcotter : Tue May 10 17:41:27 GMT 2022
The sky remains too bright to operate Ucomp.
___end___
UCoMP COMMENT BY mlso: Tue May 10 18:00:45 GMT 2022
Found a bug in the waves recipe, that took a flat after every waves measurment instead
of once after all the waves measruemnts. Looks like this gave us twice as many flats a
s we planned on getting coronal images and only the one coronal image.
___end___
Tue May 10 18:04:35 GMT 2022 Kcor Focus/alignment program exited
Tue May 10 18:05:40 GMT 2022 Running UCOMP Cookbook dark.cbk line 0
KCOR COMMENT BY mcotter: Tue May 10 18:08:36 GMT 2022
Though the sky is still quite bright I have been able to run the Kcor focus routine and
 obtain an acceptable parabola.
Kcor is now observing.
___end___
UCoMP COMMENT BY mcotter: Tue May 10 18:09:21 GMT 2022
Though the sky is still bright the Ucomp instrument is now observing.
___end___
Tue May 10 18:27:23 GMT 2022 Running UCOMP Cookbook dark.cbk line 0
Tue May 10 18:27:34 GMT 2022 Running UCOMP Cookbook dark.cbk line 0
Tue May 10 18:29:23 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal_flat.cbk lin
e 0
Tue May 10 18:44:21 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal.cbk line 0
Tue May 10 19:13:18 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal.cbk line 18
Tue May 10 19:13:19 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal.cbk line 0
GENERAL COMMENT BY mcotter: Tue May 10 19:18:22 GMT 2022
The sky is getting very bright.
___end___
****Possible CME in Progress mcotter**** : Tue May 10 19:29:52 GMT 2022
Observers report with Low confidence a CME seeing launching near PA 85 deg with a minim

um width of 10 deg at UT time 19:06:11.
The CME appears very faint.
___end___
Tue May 10 19:40:46 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal.cbk line 0
Tue May 10 19:51:24 GMT 2022 UCoMP Paused for clouds
WEATHER COMMENT: mcotter: Tue May 10 19:53:59 GMT 2022
The sky was getting brighter as the morning went on and now the sky is lightly overcast with Cirrostratus clouds making it too bright to observe.
___end___
KCOR COMMENT BY mcotter: Tue May 10 19:54:48 GMT 2022
The Kcor instrument has been stopped due to Cirrostratus clouds forming in the viewing area.
___end___
UCoMP COMMENT BY mcotter: Tue May 10 19:55:31 GMT 2022
The Ucomp instrument has been paused due to Cirrostratus clouds forming in the viewing area.
___end___
GENERAL COMMENT BY mcotter: Tue May 10 20:11:10 GMT 2022
The clouds that were in the viewing area seemed to have dissipated. I attempted to run the Kcor instrument again but the sky remains very bright, too bright to observe. Waiting for better sky condition to run instruments.
___end___
WEATHER COMMENT: mcotter: Tue May 10 20:41:22 GMT 2022
Wisps of high altitude Cirrus clouds are scattered in different areas of the sky, but m ostly in the northern part of the sky. Cumulus and Altocumulus clouds are building up i n the Saddle Valley and appear to be pushing in from the coastlines to the east and wes t. When looking at the Yawcam image the sky looks relatively clear, but when I tried to re-start the Kcor instrument the synoptic image was quite bright and over saturated.
___end___
WEATHER COMMENT: mcotter: Tue May 10 21:49:34 GMT 2022
The high altitude Cirrus observed earlier that was mostly in the northern sky is now st retched across all of the sky, from horizon to horizon, east to west, north to south; l ong trailing wisps of Cirrus. Looking straight up at the sky a thin layer of Cirrostrat us clouds are visible and a pale halo is around the Sun. The sky is currently very brig ht, much too bright to perform any observations.
___end___
Wed May 11 00:19:56 GMT 2022 UCoMP Restarted from pause
WEATHER COMMENT: mcotter: Wed May 11 00:24:07 GMT 2022
The sky is now completely overcast with a thin layer of Cirrostratus clouds. Long tendr ils of wispy upper level Cirrus clouds are scattered across the sky in all directions. The wind is getting gusty and is now blowing from the north-northeast.
___end___
GENERAL COMMENT BY mcotter: Wed May 11 02:18:42 GMT 2022
The day started out relatively clear but the sky was very bright, too bright to observe first thing in the morning. After an hour or so the sky conditions were acceptable to start observing. As the morning progressed the sky continued to get brighter, sometimes with a passing Cirrus cloud, but eventually in the late morning the sky became too bri ght to observe. By early afternoon the sky was completely overcast with thin Cirrostrat us clouds and wisps of high altitude Cirrus clouds.
___end___
ONSITE STAFF: