
Mauna Loa Solar Observatory Observer's Log

Thu Jun 2 17:13:49 GMT 2022
Year: 22 Doy: 153
Observer: mlso
WEATHER COMMENT: mcotter: Thu Jun 02 17:15:12 GMT 2022
Temp: 53.9f, Humidity: 9%, Pressure: 28.585in, Wind: 15mph from 123degs, Skies: Clear s
kies in all directions. Blue gray inversion layer is visible on the horizon well below
Haleakala. Steady wind from the east.
___end___
GENERAL COMMENT BY mcotter: Thu Jun 02 17:15:20 GMT 2022
Opened windows upstairs
___end___
GENERAL COMMENT BY mcotter: Thu Jun 02 17:15:26 GMT 2022
PM Blew off UCoMP O1
___end___
GENERAL COMMENT BY mcotter: Thu Jun 02 17:15:39 GMT 2022
PM Blew off Kcor O1
___end___
KCOR COMMENT BY mcotter: Thu Jun 02 17:16:04 GMT 2022
Kcor instrument now observing.
___end___
UCoMP COMMENT BY mcotter: Thu Jun 02 17:16:22 GMT 2022
Ucomp instrument now observing.
___end___
Thu Jun 02 17:27:42 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal.cbk line 0
Thu Jun 02 17:55:37 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal.cbk line 0
Thu Jun 02 18:23:04 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal.cbk line 0
Thu Jun 02 18:50:32 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal_flat.cbk lin
e 0
Thu Jun 02 19:05:43 GMT 2022 Running UCOMP Cookbook waves_1074_1hour.cbk line 0
Thu Jun 02 20:03:24 GMT 2022 KCOR Start Calibration script: c:\kcor\mlso-calibration22d
eg-20171025.ini
Thu Jun 02 20:15:30 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal.cbk line 0
Thu Jun 02 20:18:38 GMT 2022 KCOR End Calibration Script
WEATHER COMMENT: mcotter: Thu Jun 02 20:35:52 GMT 2022
Aerosols are picking up a little bit, but the day remains beautiful and the sky so far
remains clear.
___end___
Thu Jun 02 20:43:55 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal_flat.cbk lin
e 0
Thu Jun 02 20:59:06 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal.cbk line 0
GENERAL COMMENT BY mcotter: Thu Jun 02 21:04:34 GMT 2022
VOG is beginning to build at lower elevations and the base of Hu'ala'lai is now mostly
obscured. The Kohala Coastline is obscured as well and the VOG has made its way into th
e Saddle Valley. Looking out across the horizon the inversion layer remains below the p
eak of Haleakala and the VOG appears to be at approximately the same level; perhaps 900
0' to 10,000' elevation.
So far no clouds can be observed on the horizon and wind remains light out of the east.
___end___
Thu Jun 02 21:26:51 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal.cbk line 0
Thu Jun 02 21:54:19 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal.cbk line 0
Thu Jun 02 22:22:05 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal_flat.cbk lin
e 0
Thu Jun 02 22:37:16 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal.cbk line 0
GENERAL COMMENT BY mcotter: Thu Jun 02 22:40:55 GMT 2022
Manually rotated the dome slit opening to continue tracking the Sun through the afterno
on.
___end___
Thu Jun 02 23:05:02 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal.cbk line 0
Thu Jun 02 23:32:28 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal.cbk line 0
WEATHER COMMENT: mcotter: Thu Jun 02 23:34:27 GMT 2022
Aerosols are continuing to increase dramatically. The Kcor NRGF image has an excessivel
y grainy, slightly blurry look to the image and the Kcor Quicklook Image has gotten blu
rry. The Kcor Quicklook image is also now showing a white circle in the image and is st
ating that the image is "Noisy".

I am going to continue observing for now but if the high aerosol level continues I will need to stop observing because the current images do not look acceptable.
___end___
WEATHER COMMENT: mcotter: Thu Jun 02 23:42:14 GMT 2022
Temp: 61.5f, Humidity: 35%, Pressure: 28.559in, Wind: 19mph from 58degs, Skies: The wind is picking up a bit and is getting quite gusty.
___end___
Thu Jun 02 23:59:56 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal_flat.cbk line 0
Fri Jun 03 00:15:07 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal.cbk line 0
GENERAL COMMENT BY mcotter: Fri Jun 03 00:31:10 GMT 2022
The sky continued to grow bright with aerosols. Thought the Synoptic images don’t look terrible the Kcor NRGF image has gotten excessively grainyand blury. Additionally the Kcor Quicklook image is and Kcor Diff images are both poor showing large amounts of aerosols and the Quicklook image is showing a white circle in the image and stating that the data is "Noisy".
___end___
GENERAL COMMENT BY mcotter: Fri Jun 03 00:31:35 GMT 2022
The instruments have have shut down due to poor sky conditions.
___end___
GENERAL COMMENT BY mcotter: Fri Jun 03 00:32:38 GMT 2022
The day started off clear and remained so until early afternoon when aerosols became increasingly more prevalent to where the data was looking poor.
___end___
ONSITE STAFF: mcotter