
Mauna Loa Solar Observatory Observer's Log

Tue Jul 5 16:50:18 GMT 2022
Year: 22 Doy: 186
Observer: mcotter
WEATHER COMMENT: mcotter: Tue Jul 05 16:52:04 GMT 2022
Temp: 48.3f, Humidity: 6%, Pressure: 28.709in, Wind: 4mph from 138degs, Skies: Clear bu
t hazy skies. High altitude Cirrus clouds are scattered in patches across all areas of
the sky. The inversion layer is a dark blue gray and is well below the summit of Haleak
ala. Light wind from the south-southeast.
___end___
GENERAL COMMENT BY mcotter: Tue Jul 05 16:52:11 GMT 2022
Opened windows upstairs
___end___
GENERAL COMMENT BY mcotter: Tue Jul 05 16:52:17 GMT 2022
PM Blew off UCoMP O1
___end___
GENERAL COMMENT BY mcotter: Tue Jul 05 16:52:22 GMT 2022
PM Blew off Kcor O1
___end___
GENERAL COMMENT BY mcotter: Tue Jul 05 16:53:30 GMT 2022
Clouds are currently in the viewing area. Cannot begin observing at this time.
___end___
Tue Jul 05 17:45:11 GMT 2022 Kcor Focus/alignment program exited
KCOR COMMENT BY mcotter: Tue Jul 05 17:48:01 GMT 2022
The sky remains very bright, but after many operations of the Focus Routine an acceptab
le parabola was obtained and the Kcor instrument is now observing.
___end___
Tue Jul 05 17:48:31 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal_flat.cbk lin
e 0
UCoMP COMMENT BY mcotter: Tue Jul 05 17:48:45 GMT 2022
The Ucomp instrument is now observing.
___end___
Tue Jul 05 17:50:53 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal_flat.cbk lin
e 2
WEATHER COMMENT: mcotter: Tue Jul 05 17:51:50 GMT 2022
The sky remains quite bright and aerosols are heavy.
___end___
Tue Jul 05 18:05:01 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal.cbk line 0
WEATHER COMMENT: mcotter: Tue Jul 05 18:13:22 GMT 2022
Aerosols continue to be heavy and are readily observed in the Kcor NRGF and Quicklook i
mages.
___end___
Tue Jul 05 18:30:22 GMT 2022 UCoMP Paused for clouds
Tue Jul 05 18:31:01 GMT 2022 UCoMP Restarted from pause
Tue Jul 05 18:33:20 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal.cbk line 0
WEATHER COMMENT: mcotter: Tue Jul 05 18:33:48 GMT 2022
Bands of high altitude Cirrus clouds are beginning to cross the viewing path. The Kcor
image momentarily became very bright but quickly returned to normal.
___end___
Tue Jul 05 18:45:23 GMT 2022 UCoMP Paused for clouds
KCOR COMMENT BY mcotter: Tue Jul 05 19:01:55 GMT 2022
Kcor had been paused do to bands of Cirrus clouds passing through the viewing area. Aft
er waiting several minutes the sky appeared to clear, but when I restarted Kcor the le
vel 0 Synoptic images appeared too bright, with the brightening illumination emanating
from the center (near the occulter) outward.
___end___
KCOR COMMENT BY mcotter: Tue Jul 05 19:11:38 GMT 2022
An attempt was made to restart the Kcor instrument but the sky remains entirely too bri
ght to observe at this time.
___end___
WEATHER COMMENT: mcotter: Tue Jul 05 19:31:59 GMT 2022
Sky conditions continue to be much too bright to observe at this time.
___end___
Tue Jul 05 20:02:56 GMT 2022 UCoMP Restarted from pause
WEATHER COMMENT: mcotter: Tue Jul 05 20:04:07 GMT 2022

The bands of high altitude Cirrus clouds that were disrupting our observations have dis
sipated.
The instruments are again observing.
___end___
KCOR COMMENT BY mcotter: Tue Jul 05 20:04:34 GMT 2022
The kcor instrument is again on sky and observing.
___end___
UCoMP COMMENT BY mcotter: Tue Jul 05 20:05:08 GMT 2022
The Ucomp instrument is again on sky and observing.
___end___
Tue Jul 05 20:16:35 GMT 2022 KCOR Start Calibration script: c:\kcor\mlso-calibration22d
eg-20171025.ini
Tue Jul 05 20:22:30 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal.cbk line 18
Tue Jul 05 20:22:31 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal.cbk line 0
Tue Jul 05 20:31:49 GMT 2022 KCOR End Calibration Script
Tue Jul 05 20:50:08 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal_flat.cbk lin
e 0
Tue Jul 05 21:05:19 GMT 2022 Running UCOMP Cookbook waves_1074_1hour.cbk line 0
WEATHER COMMENT: mcotter: Tue Jul 05 21:25:14 GMT 2022
The sky is beginning to get brighter, but so far the images still look acceptable.
___end___
WEATHER COMMENT: mcotter: Tue Jul 05 21:58:40 GMT 2022
The sky continues to brighten, as observed in the Kcor level 0 images and the aerosols
are increasing dramatically, as observed in the Kcor NRGF and Quicklook images.
___end___
Tue Jul 05 22:15:08 GMT 2022 Running UCOMP Cookbook dark_80ms_2beam_16sums_BOTH.cbk lin
e 0
Tue Jul 05 22:16:25 GMT 2022 Running UCOMP Cookbook 637_Pol_Calibrate.cbk line 0
Tue Jul 05 22:20:28 GMT 2022 Running UCOMP Cookbook 706_Pol_Calibrate.cbk line 0
Tue Jul 05 22:24:32 GMT 2022 Running UCOMP Cookbook 789_Pol_Calibrate.cbk line 0
Tue Jul 05 22:28:36 GMT 2022 Running UCOMP Cookbook 1074_Pol_Calibrate.cbk line 0
Tue Jul 05 22:32:49 GMT 2022 Running UCOMP Cookbook 1079_Pol_Calibrate.cbk line 0
Tue Jul 05 22:36:52 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal.cbk line 0
Tue Jul 05 22:44:37 GMT 2022 UCoMP Paused for clouds
GENERAL COMMENT BY mcotter: Tue Jul 05 22:46:44 GMT 2022
The instruments are again paused due to increasing brightness of the sky.
___end___
Tue Jul 05 23:27:16 GMT 2022 UCoMP Restarted from pause
GENERAL COMMENT BY mcotter: Tue Jul 05 23:35:04 GMT 2022
The day started with bright skies but observations were able to be performed until mid
morning when high altitude Cirrus began to pass through the viewing area. By late morni
ng, early afternoon the sky became saturated with aerosols and became too bright to obs
erve.
___end___
ONSITE STAFF: