
Mauna Loa Solar Observatory Observer's Log

Mon Aug 1 16:58:11 GMT 2022

Year: 22 Doy: 213

Observer: berkey

WEATHER COMMENT: berkey: Mon Aug 01 16:58:41 GMT 2022

Temp: 51.6f, Humidity: 7%, Pressure: 28.653in, Wind: 9mph from 164deg, Skies: clear
____end____

GENERAL COMMENT BY berkey: Mon Aug 01 17:04:30 GMT 2022

PM Blew off Kcor 01

____end____

GENERAL COMMENT BY berkey: Mon Aug 01 17:04:35 GMT 2022

PM Blew off UCOMP 01

____end____

Mon Aug 01 17:05:10 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal_flat.cbk line 0

Mon Aug 01 17:07:32 GMT 2022 Kcor Focus/alignment program exited

Mon Aug 01 17:17:59 GMT 2022 KCOR Start Synoptic Patrol

Mon Aug 01 17:25:47 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal.cbk line 0

Mon Aug 01 18:04:09 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal.cbk line 0

Mon Aug 01 18:49:32 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal.cbk line 21

Mon Aug 01 18:49:33 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal.cbk line 0

Mon Aug 01 19:27:46 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal_flat.cbk line 0

Mon Aug 01 19:48:22 GMT 2022 Running UCOMP Cookbook waves_1074_1hour.cbk line 0

WEATHER COMMENT: berkey: Mon Aug 01 20:13:01 GMT 2022

Aerosols are beginning to get heavy, as can be observed in the Kcor NRGF and Quicklook images.
____end____

Mon Aug 01 20:42:49 GMT 2022 Running UCOMP Cookbook waves_1074_1hour.cbk line 97

Mon Aug 01 21:00:02 GMT 2022 Running UCOMP Cookbook dark_80ms_2beam_16sums_BOTH.cbk line 0

Mon Aug 01 21:01:19 GMT 2022 Running UCOMP Cookbook 637_Pol_Calibrate.cbk line 0

Mon Aug 01 21:05:24 GMT 2022 Running UCOMP Cookbook 706_Pol_Calibrate.cbk line 0

Mon Aug 01 21:09:37 GMT 2022 Running UCOMP Cookbook 789_Pol_Calibrate.cbk line 0

Mon Aug 01 21:13:41 GMT 2022 Running UCOMP Cookbook 1074_Pol_Calibrate.cbk line 0

Mon Aug 01 21:17:46 GMT 2022 Running UCOMP Cookbook 1079_Pol_Calibrate.cbk line 0

Mon Aug 01 21:18:55 GMT 2022 KCOR End Patrol

Mon Aug 01 21:18:56 GMT 2022 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20171025.ini

Mon Aug 01 21:21:50 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal.cbk line 0

Mon Aug 01 21:34:10 GMT 2022 KCOR End Calibration Script

Mon Aug 01 21:34:27 GMT 2022 KCOR Start Synoptic Patrol

Mon Aug 01 21:34:27 GMT 2022 KCOR Start Synoptic Patrol

Mon Aug 01 22:00:11 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal_flat.cbk line 0

Mon Aug 01 22:20:47 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal.cbk line 0

Mon Aug 01 22:59:28 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal.cbk line 0

Mon Aug 01 23:37:40 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal.cbk line 0

Mon Aug 01 23:44:42 GMT 2022 UCOMP Paused for clouds

****Possible CME in Progress reported by berkey**** : Mon Aug 01 23:49:10 GMT 2022

TIME: 22:36:01 UT

Approximate PA: 250 deg

Approximate Width: 20 deg

Observer report with Medium confidence a CME at the time, position angle, and width noted.

The CME appears quite faint in the Kcor NRGF image and was only observed after an automated alert was sent out.

____end____

Tue Aug 02 00:22:31 GMT 2022 UCOMP Restarted from pause

WEATHER COMMENT: berkey: Tue Aug 02 00:28:30 GMT 2022

The sky has begun to get Orographic clouds coming up from the west and north slopes of Maunaloa. Additionally, there is a very large dust storm visible in the western Saddle Valley that is obscuring the view of the leeward side of the Big Island as well as kicking up dust into the atmosphere. Looking across the Saddle Valley it appears that the dust has gotten up over the elevation of Hualalai and may currently be above 10,000'

elevation.

____end____

GENERAL COMMENT BY berkey: Tue Aug 02 00:29:20 GMT 2022

The instrument have been turned off and the dome closed due to very poor sky conditions
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____end____

GENERAL COMMENT BY berkey: Tue Aug 02 00:30:45 GMT 2022

Mike and Tom have arrived onsite and have begun the work associated with the observator
y refurbishment.

____end____

GENERAL COMMENT BY berkey: Tue Aug 02 03:39:18 GMT 2022

REcived delivery of construction matertails. Starting planning.

____end____

ONSITE STAFF: berkey, mcotter, Tom & Mark