
Mauna Loa Solar Observatory Observer's Log

Mon Jan 10 17:57:23 GMT 2022

Year: 22 Doy: 010

Observer: mlso

WEATHER COMMENT: mcotter: Mon Jan 10 18:00:53 GMT 2022

Temp: 44.3f, Humidity: 30%, Pressure: 28.68in, Wind: 9mph from 157deg, Skies: Clear but hazy skies. Very dark bluish gray inversion layer visible on the horizon at approximately the level of Haleakala. Cannot see Kohala Mountains and can only see the very tip top of Haleakala.

____end____

GENERAL COMMENT BY mcotter: Mon Jan 10 18:00:59 GMT 2022

Opened windows upstairs

____end____

GENERAL COMMENT BY mcotter: Mon Jan 10 18:01:06 GMT 2022

PM Blew off UCOMP 01

____end____

GENERAL COMMENT BY mcotter: Mon Jan 10 18:01:11 GMT 2022

PM Blew off Kcor 01

____end____

Mon Jan 10 18:03:18 GMT 2022 Kcor Focus/alignment program exited

Mon Jan 10 18:05:29 GMT 2022 Running UCOMP Cookbook dark_80ms_2beam_16sums_BOTH.cbk line 0

Mon Jan 10 18:06:46 GMT 2022 Running UCOMP Cookbook 637_Scan.cbk line 0

Mon Jan 10 18:08:56 GMT 2022 Running UCOMP Cookbook 656_Scan.cbk line 0

Mon Jan 10 18:10:46 GMT 2022 Running UCOMP Cookbook 789_Scan.cbk line 0

Mon Jan 10 18:12:35 GMT 2022 Running UCOMP Cookbook 1074_Scan.cbk line 0

Mon Jan 10 18:14:24 GMT 2022 Running UCOMP Cookbook 1079_Scan.cbk line 0

UCOMP COMMENT BY mcotter: Mon Jan 10 18:15:11 GMT 2022

Ucomp instrument now running.

____end____

Mon Jan 10 18:16:14 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal_flat.cbk line 0

KCOR COMMENT BY mcotter: Mon Jan 10 18:17:12 GMT 2022

Kcor instrument now running.

SGS offsets: X (RA): 45, Y (Dec): -10.

Polarization checked good: Mid, Bright, Dark, Mid.

____end____

KCOR COMMENT BY mcotter: Mon Jan 10 18:20:15 GMT 2022

When running the focus routine the sky looked a bit bright, but a well shaped parabola was obtained on first run.

Kcor Stand Alone images and NRGF image both look good.

____end____

Mon Jan 10 18:34:21 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal.cbk line 0

Mon Jan 10 19:45:32 GMT 2022 Running UCOMP Cookbook no-occultor-flat.cbk line 0

****Possible CME in Progress mcotter**** : Mon Jan 10 19:48:53 GMT 2022

Observers report with high amount of confidence a CME, seeing launching near PA 45 Deg, with a minimum width of 25 Deg, at UT time 19:30:01. Event just began as I observed it.

____end____

Mon Jan 10 19:52:05 GMT 2022 Running UCOMP Cookbook dark_80ms_2beam_16sums_BOTH.cbk line 0

Mon Jan 10 19:53:21 GMT 2022 Running UCOMP Cookbook 637_Pol_Calibrate.cbk line 0

Mon Jan 10 19:57:41 GMT 2022 Running UCOMP Cookbook 656_Pol_Calibrate.cbk line 0

****Possible CME in Progress mcotter**** : Mon Jan 10 20:01:10 GMT 2022

A second CME appears to be launching out of the same area as the first CME reported earlier.

Approximate PA: 45 Deg.

UT: 19:42:07.

____end____

Mon Jan 10 20:01:46 GMT 2022 Running UCOMP Cookbook 789_Pol_Calibrate.cbk line 0

Mon Jan 10 20:05:51 GMT 2022 Running UCOMP Cookbook 1074_Pol_Calibrate.cbk line 0

Mon Jan 10 20:09:55 GMT 2022 Running UCOMP Cookbook 1079_Pol_Calibrate.cbk line 0

Mon Jan 10 20:13:59 GMT 2022 Running UCOMP Cookbook waves_1074_1hour.cbk line 0

Mon Jan 10 20:24:34 GMT 2022 Running UCOMP Cookbook waves_1074_1hour.cbk line 19

Mon Jan 10 21:03:44 GMT 2022 Running UCOMP Cookbook waves_1074_1hour.cbk line 86

Mon Jan 10 21:23:10 GMT 2022 Running UCOMP Cookbook waves_1074_1hour.cbk line 119
Mon Jan 10 21:28:13 GMT 2022 Running UCOMP Cookbook dark_200_1sums_80ms.cbk line 0
Mon Jan 10 21:33:13 GMT 2022 Running UCOMP Cookbook no-occulters-flat.cbk line 0
Mon Jan 10 21:39:44 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal_flat.cbk line 0
Mon Jan 10 21:58:07 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal.cbk line 0
Mon Jan 10 23:10:14 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal.cbk line 0
Tue Jan 11 00:08:14 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal.cbk line 28
Tue Jan 11 00:22:31 GMT 2022 Running UCOMP Cookbook dark_80ms_2beam_16sums_BOTH.cbk line 0
Tue Jan 11 00:23:48 GMT 2022 Running UCOMP Cookbook 1074_Pol_Calibrate.cbk line 0
Tue Jan 11 00:28:13 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal_flat.cbk line 0
Tue Jan 11 00:46:20 GMT 2022 Running UCOMP Cookbook no-occulters-flat.cbk line 0
Tue Jan 11 00:52:32 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal.cbk line 0
WEATHER COMMENT: mcotter: Tue Jan 11 01:10:45 GMT 2022
Aerosols are increasing and the image quality is getting poorer. The skies are still clear but the aerosols are quite noticeable.
____end____
GENERAL COMMENT BY mcotter: Tue Jan 11 01:33:54 GMT 2022
Aerosols have continued to increase. The images are getting poor. Both instruments have been stopped due to sky conditions.
____end____
ONSITE STAFF: mcotter