
Mauna Loa Solar Observatory Observer's Log

Thu Jan 6 17:40:31 GMT 2022

Year: 22 Doy: 006

Observer: mlso

WEATHER COMMENT: mcotter: Thu Jan 06 17:42:22 GMT 2022

Temp: 37.6f, Humidity: 74%, Pressure: 28.748in, Wind: 10mph from 175deg, Skies: Clear skies. Inversion layer visible on the horizon below Haleakala. Cold wind blowing from the south.

____end____

GENERAL COMMENT BY mcotter: Thu Jan 06 17:54:48 GMT 2022

Opened windows upstairs

____end____

GENERAL COMMENT BY mcotter: Thu Jan 06 17:54:56 GMT 2022

PM Blew off Kcor 01

____end____

GENERAL COMMENT BY mcotter: Thu Jan 06 17:55:09 GMT 2022

PM Blew off UCoMP 01

____end____

Thu Jan 06 18:03:53 GMT 2022 Running UCOMP Cookbook dark_80ms_2beam_16sums_BOTH.cbk line 0

Thu Jan 06 18:05:10 GMT 2022 Running UCOMP Cookbook 637_Scan.cbk line 0

Thu Jan 06 18:05:28 GMT 2022 Kcor Focus/alignment program exited

UCOMP COMMENT BY mcotter: Thu Jan 06 18:07:41 GMT 2022

Ucomp instrument now running.

____end____

Thu Jan 06 18:07:21 GMT 2022 Running UCOMP Cookbook 656_Scan.cbk line 0

Thu Jan 06 18:09:11 GMT 2022 Running UCOMP Cookbook 789_Scan.cbk line 0

Thu Jan 06 18:11:00 GMT 2022 Running UCOMP Cookbook 1074_Scan.cbk line 0

KCOR COMMENT BY mcotter: Thu Jan 06 18:12:38 GMT 2022

Kcor instrument now running.

SGS offsets: X(RA):48, Y(Dec): -10.

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

____end____

Thu Jan 06 18:12:50 GMT 2022 Running UCOMP Cookbook 1079_Scan.cbk line 0

Thu Jan 06 18:14:40 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal_flat.cbk line 0

Thu Jan 06 18:32:47 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal.cbk line 0

Thu Jan 06 19:43:58 GMT 2022 Running UCOMP Cookbook no-occultor-flat.cbk line 0

Thu Jan 06 19:50:31 GMT 2022 Running UCOMP Cookbook dark_80ms_2beam_16sums_BOTH.cbk line 0

Thu Jan 06 19:51:48 GMT 2022 Running UCOMP Cookbook 637_Pol_Calibrate.cbk line 0

Thu Jan 06 19:56:08 GMT 2022 Running UCOMP Cookbook 656_Pol_Calibrate.cbk line 0

Thu Jan 06 19:57:52 GMT 2022 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20171025.ini

Thu Jan 06 20:00:12 GMT 2022 Running UCOMP Cookbook 789_Pol_Calibrate.cbk line 0

Thu Jan 06 20:04:16 GMT 2022 Running UCOMP Cookbook 1074_Pol_Calibrate.cbk line 0

Thu Jan 06 20:08:20 GMT 2022 Running UCOMP Cookbook 1079_Pol_Calibrate.cbk line 0

Thu Jan 06 20:12:24 GMT 2022 Running UCOMP Cookbook waves_1074_1hour.cbk line 0

Thu Jan 06 20:13:08 GMT 2022 KCOR End Calibration Script

Thu Jan 06 21:22:02 GMT 2022 Running UCOMP Cookbook dark_200_1sums_80ms.cbk line 0

Thu Jan 06 21:27:05 GMT 2022 Running UCOMP Cookbook no-occultor-flat.cbk line 0

Thu Jan 06 21:33:36 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal_flat.cbk line 0

Thu Jan 06 21:46:54 GMT 2022 UCoMP Paused for clouds

GENERAL COMMENT BY mcotter: Thu Jan 06 21:49:20 GMT 2022

Kcor and Ucomp are currently paused due to clouds in the viewing area.

____end____

WEATHER COMMENT: mcotter: Thu Jan 06 21:54:30 GMT 2022

Temp: 44.8f, Humidity: 82%, Pressure: 28.745in, Wind: 5mph from 333deg, Skies: Orthographic clouds have moved into the viewing area and are continuing to increase over the observatory at this time. The dome has been closed in the event of precipitation.

____end____

WEATHER COMMENT: mcotter: Thu Jan 06 22:14:30 GMT 2022

The science area is now completely overcast with a thin light fog beginning to blow through the vicinity.

____end____

WEATHER COMMENT: mcotter: Thu Jan 06 23:55:03 GMT 2022

Temp: 41.6f, Humidity: 100%, Pressure: 28.669in, Wind: 4mph from 351deg, Skies: Very dense fog currently over the science center, with little to no wind.

____end____

WEATHER COMMENT: mcotter: Fri Jan 07 00:52:14 GMT 2022

Temp: 41.6f, Humidity: 100%, Pressure: 28.663in, Wind: 2mph from 28deg, Skies: Light rain with almost zero visibility.

____end____

Fri Jan 07 00:59:20 GMT 2022 UCoMP Restarted from pause

GENERAL COMMENT BY mcotter: Fri Jan 07 01:19:04 GMT 2022

Current weather conditions are very very poor. This morning it was beautiful and clear until late morning when Orographic clouds came into the observatory science area. Conditions continued to get steadily worse and a very dense fog settled into the area. Leaving a little area due to weather conditions.

____end____

ONSITE STAFF: mcotter