
Mauna Loa Solar Observatory Observer's Log

Sat Oct 16 16:48:38 GMT 2021

Year: 21 Doy: 289

Observer: mlso

WEATHER COMMENT: mcotter: Sat Oct 16 17:02:20 GMT 2021

Temp: 38.8f, Humidity: 15%, Pressure: 28.755in, Wind: 13mph from 215degs, Skies:Clear skies overhead. Inversion layer visible on the horizon above Haleakala. Heavy rain and localized flooding in Hilo upto the beginning of the Saddle Valley. Fog and mist currently in the Saddle Valley to approximately 7000' elevation. Breezy at the science center with a steady cold wind blowing from the south-southwest.

____end____

GENERAL COMMENT BY mcotter: Sat Oct 16 17:02:27 GMT 2021

Opened windows upstairs

____end____

GENERAL COMMENT BY mcotter: Sat Oct 16 17:02:34 GMT 2021

PM Blew off Kcor 01

____end____

GENERAL COMMENT BY mcotter: Sat Oct 16 17:02:40 GMT 2021

PM Blew off UCOMP 01

____end____

GENERAL COMMENT BY mcotter: Sat Oct 16 17:03:05 GMT 2021

Blew off the guider 01.

____end____

Sat Oct 16 17:18:24 GMT 2021 Running UCOMP Cookbook dark_80ms_2beam_16sums_BOTH.cbk line 0

Sat Oct 16 17:19:41 GMT 2021 Running UCOMP Cookbook 637_Scan.cbk line 0

Sat Oct 16 17:22:05 GMT 2021 Running UCOMP Cookbook 656_Scan.cbk line 0

Sat Oct 16 17:23:10 GMT 2021 Kcor Focus/alignment program exited

Sat Oct 16 17:24:06 GMT 2021 Running UCOMP Cookbook 789_Scan.cbk line 0

UCOMP COMMENT BY mcotter: Sat Oct 16 17:25:10 GMT 2021

Ucomp up and running.

____end____

Sat Oct 16 17:26:08 GMT 2021 Running UCOMP Cookbook 1074_Scan.cbk line 0

KCOR COMMENT BY mcotter: Sat Oct 16 17:26:46 GMT 2021

Kcor now running.

SGS offsets: X(RA): -110, Y(Dec): 60.

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

____end____

Sat Oct 16 17:28:12 GMT 2021 Running UCOMP Cookbook 1079_Scan.cbk line 0

Sat Oct 16 17:30:12 GMT 2021 Running UCOMP Cookbook 1083_Scan.cbk line 0

Sat Oct 16 17:32:13 GMT 2021 Running UCOMP Cookbook all_wavelength_coronal_flat.cbk line 0

KCOR COMMENT BY mcotter: Sat Oct 16 17:38:25 GMT 2021

Lots of aerosols visible in the focus routine. Unable to obtain a decently shaped parabola even after several attempts. I started the Kcor Stand Alone Image Acquisition program with a focus position of 132.82.

____end____

Sat Oct 16 17:57:21 GMT 2021 Running UCOMP Cookbook all_wavelength_coronal.cbk line 0

Sat Oct 16 18:36:16 GMT 2021 Running UCOMP Cookbook all_wavelength_coronal.cbk line 22

Sat Oct 16 19:07:21 GMT 2021 Running UCOMP Cookbook dark_80ms_2beam_16sums_BOTH.cbk line 0

Sat Oct 16 19:08:38 GMT 2021 Running UCOMP Cookbook 637_Pol_Calibrate.cbk line 0
Sat Oct 16 19:13:18 GMT 2021 Running UCOMP Cookbook 656_Pol_Calibrate.cbk line 0
Sat Oct 16 19:17:34 GMT 2021 Running UCOMP Cookbook 789_Pol_Calibrate.cbk line 0
Sat Oct 16 19:22:01 GMT 2021 Running UCOMP Cookbook 1074_Pol_Calibrate.cbk line 0
Sat Oct 16 19:26:29 GMT 2021 Running UCOMP Cookbook 1079_Pol_Calibrate.cbk line 0
Sat Oct 16 19:30:54 GMT 2021 Running UCOMP Cookbook 1083_Pol_Calibrate.cbk line 0
Sat Oct 16 19:35:10 GMT 2021 Running UCOMP Cookbook waves_1074_1hour.cbk line 0
Sat Oct 16 19:40:41 GMT 2021 Running UCOMP Cookbook waves_1074_1hour.cbk line 11
Sat Oct 16 20:32:04 GMT 2021 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20171025.ini
Sat Oct 16 20:33:02 GMT 2021 Running UCOMP Cookbook dark_200_1sums_80ms.cbk line 0
Sat Oct 16 20:38:01 GMT 2021 Running UCOMP Cookbook all_wavelength_coronal_flat.cbk line 0
Sat Oct 16 20:47:18 GMT 2021 KCOR End Calibration Script
Sat Oct 16 21:03:28 GMT 2021 Running UCOMP Cookbook all_wavelength_coronal.cbk line 0
Sat Oct 16 21:45:09 GMT 2021 UCOMP Paused for clouds
WEATHER COMMENT: mcotter: Sat Oct 16 22:43:31 GMT 2021
Temp: 48.0f, Humidity: 64%, Pressure: 28.738in, Wind: 8mph from 270degs, Skies: Clouds started forming above the observatory at approximately 11:45 am HST and the skies became quite bright with aerosols.
____end____
KCOR COMMENT BY mcotter: Sat Oct 16 22:44:05 GMT 2021
Kcor has been stopped because of clouds in the viewing area.
____end____
UCOMP COMMENT BY mcotter: Sat Oct 16 22:44:39 GMT 2021
Ucomp has been paused because of clouds in the viewing area.
____end____
GENERAL COMMENT BY mcotter: Sat Oct 16 22:45:53 GMT 2021
I tried putting the instruments back into viewing mode, but the sky is entirely too bright with aerosols.
____end____
WEATHER COMMENT: mcotter: Sat Oct 16 23:03:50 GMT 2021
Steady wind, with gusts, blowing from the west-northwest. Clouds are increasing with Orthographic clouds blowing up the western slope of Maunaloa. Clouds are increasing to the east and to the north in the Saddle Valley.
____end____
GENERAL COMMENT BY mcotter: Sat Oct 16 23:05:02 GMT 2021
The dome is now closed due to an increase in clouds over the observatory and the possibility of precipitation.
____end____
GENERAL COMMENT BY mcotter: Sun Oct 17 01:24:12 GMT 2021
Fabricated new mounts for the spar alignment targets and remounted the targets to the spar.
____end____
GENERAL COMMENT BY mcotter: Sun Oct 17 01:46:27 GMT 2021
The day started out a little bright but the instruments were able to collect data until approximately 11:45am HST when clouds came in and obscured the viewing. After that there were breaks in the clouds periodically, but the sky remained entirely too bright to take data.
____end____
ONSITE STAFF: mcotter