
Mauna Loa Solar Observatory Observer's Log

Sat Aug 6 16:23:27 GMT 2022

Year: 22 Doy: 218

Observer: mlso

WEATHER COMMENT: mcotter: Sat Aug 06 16:36:58 GMT 2022

Temp: 41.6f, Humidity: 17%, Pressure: 28.759in, Wind: 4mph from 145degs. Clouds in the Saddle Valley with fog up to approximately 8000' elevation. Clear but slightly hazy skies with a heavy blue gray inversion layer visible just below the peak of Haleakala. Light winds from the south.

____end____

GENERAL COMMENT BY mcotter: Sat Aug 06 16:37:06 GMT 2022

Opened windows upstairs

____end____

GENERAL COMMENT BY mcotter: Sat Aug 06 16:37:20 GMT 2022

PM Blew off UCOMP 01

____end____

GENERAL COMMENT BY mcotter: Sat Aug 06 16:37:26 GMT 2022

PM Blew off Kcor 01

____end____

GENERAL COMMENT BY mcotter: Sat Aug 06 16:45:33 GMT 2022

Left the dome doors open for now to cool off the dome after having the heaters on in the dome over night.

The temp in the dome appeared to have peaked just below 70 degs F around midnight. Slowly it went down to approximately 63 degs F around 0500am at which time it slowly began to rise to approximately 65 degs F at around 0630am, at which time the dome shutter doors and windows were opened.

____end____

Sat Aug 06 16:49:32 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal_flat.cbk line 0

Sat Aug 06 16:52:01 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal_flat.cbk line 2

Sat Aug 06 17:11:30 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal.cbk line 0

Sat Aug 06 17:12:37 GMT 2022 Kcor Focus/alignment program exited

Sat Aug 06 17:49:51 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal.cbk line 0

Sat Aug 06 18:27:52 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal.cbk line 0

Sat Aug 06 19:06:14 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal_flat.cbk line 0

Sat Aug 06 19:26:49 GMT 2022 Running UCOMP Cookbook waves_1074_1hour.cbk line 0

Sat Aug 06 20:11:59 GMT 2022 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20171025.ini

Sat Aug 06 20:22:52 GMT 2022 Running UCOMP Cookbook waves_1074_1hour.cbk line 100

Sat Aug 06 20:27:10 GMT 2022 KCOR End Calibration Script

Sat Aug 06 20:38:25 GMT 2022 Running UCOMP Cookbook dark_80ms_2beam_16sums_BOTH.cbk line 0

Sat Aug 06 20:39:42 GMT 2022 Running UCOMP Cookbook 637_Pol_Calibrate.cbk line 0

Sat Aug 06 20:43:56 GMT 2022 Running UCOMP Cookbook 706_Pol_Calibrate.cbk line 0

Sat Aug 06 20:48:00 GMT 2022 Running UCOMP Cookbook 789_Pol_Calibrate.cbk line 0

Sat Aug 06 20:52:05 GMT 2022 Running UCOMP Cookbook 1074_Pol_Calibrate.cbk line 0

Sat Aug 06 20:54:46 GMT 2022 UCOMP Paused for clouds

WEATHER COMMENT: mcotter: Sat Aug 06 21:04:50 GMT 2022

Orographic clouds have moved up from the Saddle Valley and are now over the observatory and blocking the viewing area.

The instruments have been stopped due to poor sky conditions.

____end____

WEATHER COMMENT: mcotter: Sat Aug 06 22:08:33 GMT 2022

The sky is now completely overcast with dark clouds and bits of fog beginning to form. The dome shutter doors and windows are now closed due to poor sky conditions.

____end____

WEATHER COMMENT: mcotter: Sun Aug 07 00:13:02 GMT 2022

Overcast skies with heavy fog, rain and drizzle.

____end____

Sun Aug 07 00:14:12 GMT 2022 UCOMP Restarted from pause

GENERAL COMMENT BY mcotter: Sun Aug 07 01:07:21 GMT 2022

I installed an additional heater in the dome area and started five (5) 1500W heaters going to warm up the dome area, beginning at 15:00 HST.

___end___

GENERAL COMMENT BY mcotter: Sun Aug 07 01:34:06 GMT 2022

After waiting approximately 30 minutes I checked the heaters and their cords and everything felt fine.

___end___

GENERAL COMMENT BY mcotter: Sun Aug 07 01:35:27 GMT 2022

The day started a bit hazy but clear. Observing was good until the late morning when clouds came up from the Saddle Valley and obscured the viewing area.

___end___

GENERAL COMMENT BY mcotter: Sun Aug 07 01:35:45 GMT 2022

___end___

ONSITE STAFF: mcotter