
Mauna Loa Solar Observatory Observer's Log

Wed Oct 13 16:54:37 GMT 2021

Year: 21 Doy: 286

Observer: mlso

WEATHER COMMENT: mcotter: Wed Oct 13 16:55:26 GMT 2021

Temp: 41.6f, Humidity: 76%, Pressure: 28.814in, Wind: 9mph from 178degs, Skies: Hazy skies with high altitude Cirrus completely covering the sky.

____end____

GENERAL COMMENT BY mcotter: Wed Oct 13 17:04:23 GMT 2021

PM Blew off UCoMP O1

____end____

GENERAL COMMENT BY mcotter: Wed Oct 13 17:04:30 GMT 2021

PM Blew off Kcor O1

____end____

GENERAL COMMENT BY mcotter: Wed Oct 13 17:04:36 GMT 2021

Opened windows upstairs

____end____

GENERAL COMMENT BY mcotter: Wed Oct 13 17:06:53 GMT 2021

Opened dome and aligned spar, but at the present time the sky is too overcast to observe at this time.

____end____

Wed Oct 13 20:39:02 GMT 2021 Running UCOMP Cookbook waves_1074_1hour.cbk line 0

UCoMP COMMENT BY berkey: Wed Oct 13 21:31:26 GMT 2021

Saw a bunch of bad camera temps (ARR and PCB) in the data. This looks to be related to how we were polling the cameras. Changed the polling interval to be a little slower and current testing shows things looking a lot better. Testing will continue a bit longer to see if anything pops up over time.

____end____

Wed Oct 13 21:35:43 GMT 2021 Running UCOMP Cookbook dark_200_1sums_80ms.cbk line 0

Wed Oct 13 21:40:42 GMT 2021 Running UCOMP Cookbook all_wavelength_coronal_flat.cbk line 0

Wed Oct 13 22:06:21 GMT 2021 Running UCOMP Cookbook all_wavelength_coronal.cbk line 0

Wed Oct 13 23:14:06 GMT 2021 Running UCOMP Cookbook all_wavelength_coronal.cbk line 0

Thu Oct 14 00:21:30 GMT 2021 Running UCOMP Cookbook dark_80ms_2beam_16sums_BOTH.cbk line 0

Thu Oct 14 00:22:47 GMT 2021 Running UCOMP Cookbook 1074_Pol_Calibrate.cbk line 0

Thu Oct 14 00:27:24 GMT 2021 Running UCOMP Cookbook all_wavelength_coronal_flat.cbk line 0

Thu Oct 14 00:52:32 GMT 2021 Running UCOMP Cookbook all_wavelength_coronal.cbk line 0

UCoMP COMMENT BY mcotter: Thu Oct 14 01:25:30 GMT 2021

Realigned polarizer stage linear slide.

____end____

GENERAL COMMENT BY mcotter: Thu Oct 14 01:30:17 GMT 2021

Removed Yaw Cam from spar. Built another mounting fixture for the camera and occulter, as the existing one was intended for a temporary period of time only and lacked the mechanical integrity to stand up to daily use and spar movements. The Yaw Cam has been reinstalled on the spar, but I was unable to get the video software to transmit an image. When Ben and I are in tomorrow we can get the software working and make the physical adjustments that are going to be necessary for proper alignment.

____end____

GENERAL COMMENT BY mcotter: Thu Oct 14 01:41:10 GMT 2021

Overcast skies all day.

No data today.

___end___

ONSITE STAFF: mcotter