
Mauna Loa Solar Observatory Observer's Log

Thu Nov 10 16:56:05 GMT 2022

Year: 22 Doy: 314

Observer: embern

WEATHER COMMENT: embern: Thu Nov 10 16:58:19 GMT 2022

Temp: 35.2f, Humidity: 39%, Pressure: 28.822in, Wind: 11mph from 122deg, Skies: clear
____end____

Thu Nov 10 17:36:10 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal_flat.cbk line 0

Thu Nov 10 17:36:26 GMT 2022 Kcor Focus/alignment program exited

GENERAL COMMENT BY embern: Thu Nov 10 17:35:47 GMT 2022

PM Blew off Kcor O1

____end____

GENERAL COMMENT BY embern: Thu Nov 10 17:35:55 GMT 2022

PM Blew off UCOMP O1

____end____

Thu Nov 10 17:38:01 GMT 2022 KCOR Start Synoptic Patrol

Thu Nov 10 17:56:44 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal.cbk line 0

UCOMP COMMENT BY embern: Fri Nov 11 02:06:20 GMT 2022

- 1) Removed UCOMP, modulator, Tcam, Tcam mount, field lens, and filter wheel
- 2) Added light source and collimator before Lyot filter
- 3) Added mount and fiber holder after Lyot filter. Had to saw off one end of the base plate for it to fit and have enough freedom to align.
- 4) Mounted spectrograph components to breadboard including new Owl camera and 1200 l/mm grating. Cables were strain relieved to baseplate.
- 5) Moved camera link extender next to spectrograph
- 6) Added new filters to filter wheel and re-ordered all filters following order of increasing wavelength
- 7) Mounted power supply for 50 W light source to spar
- 8) Darkened dome with trash bags.
- 9) Aligned all optics
- 10) Fixed bug in software
- 11) Started to obtain first data set

____end____

ONSITE STAFF: berkey, embern, Steve, Maurice