
Mauna Loa Solar Observatory Observer's Log

Wed Jul 13 16:21:54 GMT 2022

Year: 22 Doy: 194

Observer: berkey

Wed Jul 13 16:53:29 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal_flat.cbk line 0

GENERAL COMMENT BY berkey: Wed Jul 13 16:57:12 GMT 2022

PM Blew off Kcor 01

____end____

GENERAL COMMENT BY berkey: Wed Jul 13 16:57:15 GMT 2022

PM Blew off UCoMP 01

____end____

WEATHER COMMENT: berkey: Wed Jul 13 16:57:21 GMT 2022

Temp: 47.0f, Humidity: 19%, Pressure: 28.645in, Wind: 6mph from 128degs, Skies: clear

____end____

Wed Jul 13 16:57:43 GMT 2022 Kcor Focus/alignment program exited

Wed Jul 13 17:00:12 GMT 2022 KCOR Start Synoptic Patrol

Wed Jul 13 17:08:40 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal.cbk line 0

Wed Jul 13 17:36:28 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal.cbk line 0

Wed Jul 13 18:04:06 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal.cbk line 0

Wed Jul 13 18:31:52 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal_flat.cbk line 0

Wed Jul 13 18:47:03 GMT 2022 Running UCOMP Cookbook waves_1074_1hour.cbk line 0

Wed Jul 13 19:16:12 GMT 2022 UCoMP Paused for clouds

GENERAL COMMENT BY berkey: Wed Jul 13 19:26:06 GMT 2022

Fog bank blowing in from the east. Dome closed

____end____

Wed Jul 13 21:20:25 GMT 2022 UCoMP Restarted from pause

UCoMP COMMENT BY berkey: Wed Jul 13 21:26:00 GMT 2022

Bug fix to the ucomp camera temperature reading code. We were applying the Cam0 temperature correction coefficients to both Cam0 and Cam1. Due to the way the camera's temperature sensors work this meant that Cam1 was reporting temperatures ~7C when the camera was actually at ~5C.

Cam1 now gets its proper correction coefficients.

____end____

UCoMP COMMENT BY berkey: Wed Jul 13 22:52:29 GMT 2022

Inspected the UCoMP front end. Front the cover/diffuser unit on the front of the tube to be well secured to the tube.

The O1 was able to rock back and forth in the focus stage. The shim was installed just in front of the O1, which prevented apparent motion.

____end____

Wed Jul 13 22:58:20 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal_flat.cbk line 0

GENERAL COMMENT BY berkey: Wed Jul 13 22:58:23 GMT 2022

Fog cleared on site. Fog bank still sitting east of the observatory; but with the dome pointed west it seems safe to go back on sky.

____end____

Wed Jul 13 23:03:38 GMT 2022 UCoMP Paused for clouds

GENERAL COMMENT BY berkey: Wed Jul 13 23:12:43 GMT 2022

That window didn't last long. Closing the dome again.

____end____

Wed Jul 13 23:37:22 GMT 2022 UCoMP Restarted from pause

Wed Jul 13 23:47:11 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal.cbk line 0

Thu Jul 14 00:16:19 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal.cbk line 18

Thu Jul 14 00:16:20 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal.cbk line 0

Thu Jul 14 00:43:48 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal.cbk line 0

Thu Jul 14 00:44:57 GMT 2022 UCoMP Paused for clouds

Thu Jul 14 01:03:18 GMT 2022 UCoMP Restarted from pause

ONSITE STAFF: berkey