
Mauna Loa Solar Observatory Observer's Log

Sun Nov 7 17:36:25 GMT 2021

Year: 21 Doy: 311

Observer: berkey

WEATHER COMMENT: berkey: Sun Nov 07 17:36:02 GMT 2021

Temp: 44.2f, Humidity: 15%, Pressure: 28.753in, Wind: 9mph from 167degs, Skies: clear
____end____

GENERAL COMMENT BY berkey: Sun Nov 07 17:36:07 GMT 2021

PM Blew off Kcor 01

____end____

GENERAL COMMENT BY berkey: Sun Nov 07 17:36:11 GMT 2021

PM Blew off UCoMP 01

____end____

Sun Nov 07 17:36:47 GMT 2021 Running UCOMP Cookbook dark_80ms_2beam_16sums_BOTH.cbk line 0

Sun Nov 07 17:38:04 GMT 2021 Running UCOMP Cookbook 637_Scan.cbk line 0

Sun Nov 07 17:40:09 GMT 2021 Kcor Focus/alignment program exited

Sun Nov 07 17:40:13 GMT 2021 Running UCOMP Cookbook 656_Scan.cbk line 0

Sun Nov 07 17:42:21 GMT 2021 Running UCOMP Cookbook 789_Scan.cbk line 0

Sun Nov 07 17:44:10 GMT 2021 Running UCOMP Cookbook 1074_Scan.cbk line 0

Sun Nov 07 17:46:02 GMT 2021 Running UCOMP Cookbook 1079_Scan.cbk line 0

Sun Nov 07 17:47:59 GMT 2021 Running UCOMP Cookbook all_wavelength_coronal_flat.cbk line 0

Sun Nov 07 17:49:04 GMT 2021 UCoMP Paused for clouds

Sun Nov 07 17:52:32 GMT 2021 UCoMP Restarted from pause

Sun Nov 07 18:00:27 GMT 2021 Running UCOMP Cookbook dark_80ms_2beam_16sums_BOTH.cbk line 0

Sun Nov 07 18:02:26 GMT 2021 Running UCOMP Cookbook all_wavelength_coronal_flat.cbk line 0

Sun Nov 07 18:20:53 GMT 2021 Running UCOMP Cookbook all_wavelength_coronal.cbk line 0

Sun Nov 07 18:40:24 GMT 2021 Running UCOMP Cookbook all_wavelength_coronal.cbk line 0

Sun Nov 07 18:55:51 GMT 2021 UCoMP Paused for clouds

Sun Nov 07 18:56:12 GMT 2021 UCoMP Restarted from pause

UCoMP COMMENT BY berkey: Sun Nov 07 19:05:39 GMT 2021

01 looks to have hung up at the front end of the range, at about 18:20ut. Trying to debug why.
____end____

Sun Nov 07 19:51:56 GMT 2021 Running UCOMP Cookbook dark_80ms_2beam_16sums_BOTH.cbk line 0

Sun Nov 07 19:53:13 GMT 2021 Running UCOMP Cookbook 637_Pol_Calibrate.cbk line 0

Sun Nov 07 19:57:36 GMT 2021 Running UCOMP Cookbook 656_Pol_Calibrate.cbk line 0

Sun Nov 07 20:01:40 GMT 2021 Running UCOMP Cookbook 789_Pol_Calibrate.cbk line 0

Sun Nov 07 20:05:44 GMT 2021 Running UCOMP Cookbook 1074_Pol_Calibrate.cbk line 0

Sun Nov 07 20:09:48 GMT 2021 Running UCOMP Cookbook 1079_Pol_Calibrate.cbk line 0

Sun Nov 07 20:13:52 GMT 2021 Running UCOMP Cookbook waves_1074_1hour.cbk line 0

Sun Nov 07 20:22:22 GMT 2021 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20171025.ini

Sun Nov 07 20:37:39 GMT 2021 KCOR End Calibration Script

Sun Nov 07 20:42:42 GMT 2021 KCOR Start Synoptic Patrol

Sun Nov 07 21:23:37 GMT 2021 Running UCOMP Cookbook dark_200_1sums_80ms.cbk line 0

Sun Nov 07 21:28:45 GMT 2021 Running UCOMP Cookbook all_wavelength_coronal_flat.cbk line 0

Sun Nov 07 21:47:13 GMT 2021 Running UCOMP Cookbook all_wavelength_coronal.cbk line 0

Sun Nov 07 22:58:40 GMT 2021 Running UCOMP Cookbook all_wavelength_coronal.cbk line 0

Sun Nov 07 23:45:23 GMT 2021 Running UCOMP Cookbook all_wavelength_coronal.cbk line 24

Mon Nov 08 00:10:31 GMT 2021 Running UCOMP Cookbook dark_80ms_2beam_16sums_BOTH.cbk line 0

Mon Nov 08 00:11:48 GMT 2021 Running UCOMP Cookbook 1074_Pol_Calibrate.cbk line 0

Mon Nov 08 00:16:11 GMT 2021 Running UCOMP Cookbook all_wavelength_coronal_flat.cbk line 0

Mon Nov 08 00:34:20 GMT 2021 Running UCOMP Cookbook all_wavelength_coronal.cbk line 0

Mon Nov 08 01:46:00 GMT 2021 Running UCOMP Cookbook all_wavelength_coronal.cbk line 0

Mon Nov 08 02:53:38 GMT 2021 KCOR End Patrol

UCoMP COMMENT BY berkey: Mon Nov 08 02:57:13 GMT 2021

I think I found a fixed a bug in the ucomp alignment code; that somehow go introduced w

hen the code was speed up a a few weeks ago. The code was saving the new occulter targets to the config file but not applying them to the running system. Such that the next time the occulter was moved back into the beam it would go to the wrong position. However if the mech-controller was stopped and restarted before moving the occulter in it would actually go to the right spot. We now update the saved position of the running code.

____end____

UCoMP COMMENT BY berkey: Mon Nov 08 03:02:17 GMT 2021

Still dont know why the OI was making it to the front of the range and crashing this morning. I think we saw the same behavior over the last couple days as well. Added a check to coerce the move position to be within the range. Hopefully this helps.

____end____

ONSITE STAFF: berkey