
Mauna Loa Solar Observatory Observer's Log

Thu Sep 2 17:09:59 GMT 2021

Year: 21 Doy: 245

Observer: berkey

WEATHER COMMENT: berkey: Thu Sep 02 17:10:41 GMT 2021

Temp: 41.2f, Humidity: 100%, Pressure: 28.758in, Wind: 7mph from 106degs, Skies: clear but observatory was in clouds 20 mi nute ago.

____end____

GENERAL COMMENT BY berkey: Thu Sep 02 17:10:44 GMT 2021

PM Blew off Kcor 01

____end____

GENERAL COMMENT BY berkey: Thu Sep 02 17:10:49 GMT 2021

PM Blew off UCoMP 01

____end____

UCoMP COMMENT BY berkey: Thu Sep 02 17:11:40 GMT 2021

Installed the new occulter spacer ring, into the occulter stage.

____end____

Thu Sep 02 17:15:46 GMT 2021 Kcor Focus/alignment program exited

Thu Sep 02 17:18:26 GMT 2021 Running UCOMP Cookbook dark_80ms_2beam_16sums_BOTH.ckb line 0

Thu Sep 02 17:19:19 GMT 2021 KCOR Start Synoptic Patrol

Thu Sep 02 17:19:51 GMT 2021 Running UCOMP Cookbook 530_Scan.ckb line 0

Thu Sep 02 17:23:15 GMT 2021 Running UCOMP Cookbook 637_Scan.ckb line 0

Thu Sep 02 17:26:14 GMT 2021 Running UCOMP Cookbook 656_Scan.ckb line 0

Thu Sep 02 17:29:12 GMT 2021 Running UCOMP Cookbook 691_Scan.ckb line 0

Thu Sep 02 17:32:09 GMT 2021 Running UCOMP Cookbook 706_Scan.ckb line 0

Thu Sep 02 17:35:06 GMT 2021 Running UCOMP Cookbook 789_Scan.ckb line 0

Thu Sep 02 17:38:05 GMT 2021 Running UCOMP Cookbook 1074_Scan.ckb line 0

Thu Sep 02 17:41:04 GMT 2021 Running UCOMP Cookbook 1079_Scan.ckb line 0

Thu Sep 02 17:44:01 GMT 2021 Running UCOMP Cookbook 1083_Scan.ckb line 0

Thu Sep 02 17:46:58 GMT 2021 Running UCOMP Cookbook all_coronal_7_flats.ckb line 0

Thu Sep 02 18:11:18 GMT 2021 Running UCOMP Cookbook all_coronal_7.ckb line 0

Thu Sep 02 18:15:40 GMT 2021 Running UCOMP Cookbook all_coronal_7.ckb line 4

Thu Sep 02 18:38:51 GMT 2021 Running UCOMP Cookbook all_coronal_7.ckb line 0

Thu Sep 02 19:02:20 GMT 2021 Running UCOMP Cookbook dark_80ms_2beam_16sums_BOTH.ckb line 0

Thu Sep 02 19:03:43 GMT 2021 Running UCOMP Cookbook 530_Pol_Calibrate.ckb line 0

Thu Sep 02 19:04:34 GMT 2021 KCOR End Patrol

Thu Sep 02 19:04:35 GMT 2021 UCoMP Paused for clouds

Thu Sep 02 19:13:37 GMT 2021 UCoMP Restarted from pause

Thu Sep 02 19:17:28 GMT 2021 Running UCOMP Cookbook 637_Pol_Calibrate.ckb line 0

Thu Sep 02 19:21:51 GMT 2021 Running UCOMP Cookbook 656_Pol_Calibrate.ckb line 0

Thu Sep 02 19:26:11 GMT 2021 Running UCOMP Cookbook 691_Pol_Calibrate.ckb line 0

Thu Sep 02 19:30:25 GMT 2021 KCOR Start Synoptic Patrol

Thu Sep 02 19:30:26 GMT 2021 KCOR End Patrol

Thu Sep 02 19:30:27 GMT 2021 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20171025.ini

Thu Sep 02 19:30:31 GMT 2021 Running UCOMP Cookbook 706_Pol_Calibrate.ckb line 0

Thu Sep 02 19:34:51 GMT 2021 Running UCOMP Cookbook 789_Pol_Calibrate.ckb line 0

Thu Sep 02 19:39:21 GMT 2021 Running UCOMP Cookbook 1074_Pol_Calibrate.ckb line 0
Thu Sep 02 19:43:44 GMT 2021 Running UCOMP Cookbook 1079_Pol_Calibrate.ckb line 0
Thu Sep 02 19:45:43 GMT 2021 KCOR End Calibration Script
Thu Sep 02 19:46:00 GMT 2021 KCOR Start Synoptic Patrol
Thu Sep 02 19:46:01 GMT 2021 KCOR Start Synoptic Patrol
Thu Sep 02 19:48:04 GMT 2021 Running UCOMP Cookbook 1083_Pol_Calibrate.ckb line 0
Thu Sep 02 19:52:24 GMT 2021 Running UCOMP Cookbook waves_1074_1hour.ckb line 0
Thu Sep 02 20:55:52 GMT 2021 Running UCOMP Cookbook dark_200_200_1sums_80ms.ckb line 0
Thu Sep 02 20:57:44 GMT 2021 Running UCOMP Cookbook dark_200_200_1sums_80ms.ckb line 1
Thu Sep 02 21:00:26 GMT 2021 KCOR End Patrol
Thu Sep 02 21:00:51 GMT 2021 KCOR End Patrol
Thu Sep 02 21:02:40 GMT 2021 Running UCOMP Cookbook all_coronal_7_flats.ckb line 0
Thu Sep 02 21:02:45 GMT 2021 KCOR Start Synoptic Patrol
Thu Sep 02 21:24:45 GMT 2021 KCOR End Patrol
Thu Sep 02 21:24:52 GMT 2021 KCOR End Patrol
Thu Sep 02 21:24:52 GMT 2021 UCoMP Paused for clouds
Thu Sep 02 21:32:01 GMT 2021 UCoMP Restarted from pause
Thu Sep 02 21:33:22 GMT 2021 Running UCOMP Cookbook all_coronal_7.ckb line 0
Thu Sep 02 21:49:40 GMT 2021 Running UCOMP Cookbook all_coronal_7.ckb line 17
Thu Sep 02 21:51:30 GMT 2021 UCoMP Paused for clouds
Thu Sep 02 21:55:33 GMT 2021 UCoMP Restarted from pause
Thu Sep 02 22:03:32 GMT 2021 Running UCOMP Cookbook all_coronal_7.ckb line 0
Thu Sep 02 22:07:38 GMT 2021 UCoMP Paused for clouds
GENERAL COMMENT BY berkey: Thu Sep 02 22:09:40 GMT 2021
Fog near by closing dome.
____end____
Thu Sep 02 22:16:54 GMT 2021 UCoMP Restarted from pause
Thu Sep 02 22:34:28 GMT 2021 Running UCOMP Cookbook testsave.cbk line 0
Thu Sep 02 22:39:33 GMT 2021 Running UCOMP Cookbook testsave.cbk line 0
GENERAL COMMENT BY berkey: Thu Sep 02 23:19:02 GMT 2021
Added a new recipe keyword to toggle summing vs saving every frame.

The keyword is uses as:

SAVEALL IN to force ucomp to save every frame; so each modulator cycle looks like a new fits extension.

SAVEALL OUT to force ucomp to sum together frames.

For the recipe:

DATA RCAM BOTH 1074.7 16

If we are SAVEALL IN (save all frames) mode

We with a fits file with 16 extension (where each extension has 8 images 2 cameras* 4 modulation states)

If we are SAVEALL OUT (sum frames) mode

We with a fits file with 1 extension (where each extension has 8 images 2 cameras* 4 modulation states).

To test this new mode we took a few darks with the test.save.cbk this ran Dark_16Sums.rcp mutiple times toggling back and

froth between saving and summing.

Note we still default to SUMMING when the initializing the UCoMP Observing code (default could be changed by editing the instrument_config.ini).

It is expected that SAVING mode (via SAVEALL IN) will be toggled on for short periods and tests. And then toggled off when the test is over (via SAVEALL OUT).

____end____

GENERAL COMMENT BY berkey: Fri Sep 03 00:44:33 GMT 2021

PM Washed UCoMP 01. With soap and water

____end____

GENERAL COMMENT BY berkey: Fri Sep 03 02:19:40 GMT 2021

Low clouds cleared up a couple hours ago but inversion layer lifted up so the sky was too bright to observe.

____end____

ONSITE STAFF: berkey