
Mauna Loa Solar Observatory Observer's Log

Wed Jan 26 16:38:07 GMT 2022

Year: 22 Doy: 026

Observer: lisapg

WEATHER COMMENT: lisapg: Wed Jan 26 17:17:56 GMT 2022

Temp: 38.9f with wind speed at about 16-21mph from the South-Southeast. A few scattered cirrus but otherwise the sky and Sun's path is clear.

____end____

GENERAL COMMENT BY lisapg: Wed Jan 26 17:26:49 GMT 2022

Opened windows upstairs

____end____

GENERAL COMMENT BY lisapg: Wed Jan 26 17:26:53 GMT 2022

PM Blew off Kcor 01

____end____

GENERAL COMMENT BY lisapg: Wed Jan 26 17:26:57 GMT 2022

PM Blew off UCOMP 01

____end____

Wed Jan 26 18:04:18 GMT 2022 Kcor Focus/alignment program exited

Wed Jan 26 18:06:10 GMT 2022 Running UCOMP Cookbook dark_80ms_2beam_16sums_BOTH.cbk line 0

Wed Jan 26 18:06:18 GMT 2022 KCOR Start Synoptic Patrol

Wed Jan 26 18:07:27 GMT 2022 Running UCOMP Cookbook 637_Scan.cbk line 0

Wed Jan 26 18:09:37 GMT 2022 Running UCOMP Cookbook 656_Scan.cbk line 0

Wed Jan 26 18:11:26 GMT 2022 Running UCOMP Cookbook 789_Scan.cbk line 0

Wed Jan 26 18:13:16 GMT 2022 Running UCOMP Cookbook 1074_Scan.cbk line 0

Wed Jan 26 18:15:05 GMT 2022 Running UCOMP Cookbook 1079_Scan.cbk line 0

Wed Jan 26 18:16:55 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal_flat.cbk line 0

Wed Jan 26 18:35:01 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal.cbk line 0

GENERAL COMMENT BY lisapg: Wed Jan 26 19:20:22 GMT 2022

Holding off KCor calibration as there seems to be some movement in the Northeast and the Southwest limbs of the Sun.

____end____

Wed Jan 26 19:46:12 GMT 2022 Running UCOMP Cookbook no-occulter-flat.cbk line 0

Wed Jan 26 19:52:45 GMT 2022 Running UCOMP Cookbook dark_80ms_2beam_16sums_BOTH.cbk line 0

Wed Jan 26 19:54:02 GMT 2022 Running UCOMP Cookbook 637_Pol_Calibrate.cbk line 0

Wed Jan 26 19:58:21 GMT 2022 Running UCOMP Cookbook 656_Pol_Calibrate.cbk line 0

Wed Jan 26 20:02:24 GMT 2022 Running UCOMP Cookbook 789_Pol_Calibrate.cbk line 0

Wed Jan 26 20:06:28 GMT 2022 Running UCOMP Cookbook 1074_Pol_Calibrate.cbk line 0

Wed Jan 26 20:10:32 GMT 2022 Running UCOMP Cookbook 1079_Pol_Calibrate.cbk line 0

Wed Jan 26 20:11:24 GMT 2022 KCOR End Patrol

Wed Jan 26 20:11:36 GMT 2022 UCOMP Paused for clouds

GENERAL COMMENT BY lisapg: Wed Jan 26 20:12:16 GMT 2022

Cirrus crossing, instruments stopped for now.

____end____

Wed Jan 26 20:43:42 GMT 2022 UCOMP Restarted from pause

GENERAL COMMENT BY berkey: Wed Jan 26 23:10:19 GMT 2022

Worked with cmst to troubleshoot dusk.

Looks like it was down for the last couple days due to a bad DIMM P1-D1. P1-D1 and P1-E1 were removed and the computer now boots. Once a vendor can be found we will order replacement memory and at least one spare so we can bring dusk back to full spec.

____end____

Thu Jan 27 00:07:31 GMT 2022 Kcor Focus/alignment program exited

Thu Jan 27 00:09:32 GMT 2022 KCOR Start Synoptic Patrol

Thu Jan 27 00:14:06 GMT 2022 Running UCOMP Cookbook 1079_Pol_Calibrate.cbk line 0

Thu Jan 27 00:18:17 GMT 2022 Running UCOMP Cookbook waves_1074_1hour.cbk line 0

GENERAL COMMENT BY berkey: Thu Jan 27 00:19:08 GMT 2022

PM Washed Kcor 01 by both Ben and Lisa

____end____

Thu Jan 27 01:27:56 GMT 2022 Running UCOMP Cookbook dark_200_1sums_80ms.cbk line 0

Thu Jan 27 01:32:55 GMT 2022 Running UCOMP Cookbook no-occulter-flat.cbk line 0

Thu Jan 27 01:39:26 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal_flat.cbk line 0

Thu Jan 27 01:57:48 GMT 2022 Running UCOMP Cookbook all_wavelenght_coronal.cbk line 0

Thu Jan 27 02:17:16 GMT 2022 UCoMP Paused for clouds

Thu Jan 27 02:17:25 GMT 2022 KCOR End Patrol

Thu Jan 27 02:19:42 GMT 2022 UCoMP Restarted from pause

UCoMP COMMENT BY berkey: Thu Jan 27 02:48:57 GMT 2022

Changed the UCoMP 1079 recipes to use BLUE instead of BOTH to attempt to get away from some prominace material that is showing up in the background images. Changes should appear in tomorrows data.

____end____

GENERAL COMMENT BY berkey: Thu Jan 27 02:48:58 GMT 2022

____end____

UCoMP COMMENT BY berkey: Thu Jan 27 02:54:07 GMT 2022

Found that the Occulter Y stage was reporting positions 4x too big, due to the wrong conversion factor.

Occulter in beam position had been reported about 61mm when it was actually ~15mm. The factor has been updated and we should see the positions reported correctly going forward.

When centering the occulter the X and Y moves should not be equivalent (instead of the 4x smaller moves we used to have).

____end____

GENERAL COMMENT BY berkey: Thu Jan 27 02:54:08 GMT 2022

____end____

ONSITE STAFF: berkey, lisapg