
Mauna Loa Solar Observatory Observer's Log

Wed Aug 31 15:54:33 GMT 2022

Year: 22 Doy: 243

Observer: lisapg

WEATHER COMMENT: lisapg: Wed Aug 31 16:55:45 GMT 2022

Temp 44F with wind speed at about 3-8mph from the Southwest. Sky looks clear

____end____

GENERAL COMMENT BY lisapg: Wed Aug 31 16:55:49 GMT 2022

PM Blew off Kcor O1

____end____

GENERAL COMMENT BY lisapg: Wed Aug 31 16:55:52 GMT 2022

PM Blew off UCOMP O1

____end____

Wed Aug 31 16:59:16 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal_flat.cbk line 0

KCOR COMMENT BY lisapg: Wed Aug 31 17:05:10 GMT 2022

Did an inspection of the back end of KCor to see if there was anything obstructing the path of light that would produce the shadowing that was seen on August 28. Looked from the occulter down and as low as I could looking up through the occulter. Nothing caught my eye but it is hard to get a clear view in some of the tighter spots.

____end____

KCOR COMMENT BY lisapg: Wed Aug 31 17:07:06 GMT 2022

Kcor ePUD Down and Up # 1 had red LEDs when I came in. Did an inspection of the ePUDs and they were fine. I power cycled the MC4U controller and they came back up green.

____end____

Wed Aug 31 17:08:50 GMT 2022 Kcor Focus/alignment program exited

Wed Aug 31 17:10:11 GMT 2022 KCOR Start Synoptic Patrol

Wed Aug 31 17:20:51 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal_flat.cbk line 15

Wed Aug 31 17:20:52 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal.cbk line 0

GENERAL COMMENT BY lisapg: Wed Aug 31 17:30:36 GMT 2022

PM Blew off Kcor Field Lens

____end____

GENERAL COMMENT BY lisapg: Wed Aug 31 17:37:19 GMT 2022

Observatory was very warm when I entered. Have the sliding doors opened and two of the observatory doors open to vent it out.

____end____

Wed Aug 31 17:59:13 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal.cbk line 0

Wed Aug 31 18:37:14 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal.cbk line 0

Wed Aug 31 19:15:18 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal_flat.cbk line 0

GENERAL COMMENT BY lisapg: Wed Aug 31 19:15:24 GMT 2022

Holding off on Kcor calibrations as there is movement in the Southwest of the Sun

____end____

Wed Aug 31 19:35:53 GMT 2022 Running UCOMP Cookbook waves_1074_1hour.cbk line 0

GENERAL COMMENT BY lisapg: Wed Aug 31 19:49:08 GMT 2022

With the light wind, aerosols are starting to get a bit heavy.

____end____

Wed Aug 31 20:46:20 GMT 2022 Running UCOMP Cookbook dark_80ms_2beam_16sums_BOTH.cbk line 0

Wed Aug 31 20:47:37 GMT 2022 Running UCOMP Cookbook 637_Pol_Calibrate.cbk line 0

Wed Aug 31 20:51:42 GMT 2022 Running UCOMP Cookbook 706_Pol_Calibrate.cbk line 0

Wed Aug 31 20:55:45 GMT 2022 Running UCOMP Cookbook 789_Pol_Calibrate.cbk line 0

Wed Aug 31 20:59:59 GMT 2022 Running UCOMP Cookbook 1074_Pol_Calibrate.cbk line 0

Wed Aug 31 21:04:07 GMT 2022 Running UCOMP Cookbook 1079_Pol_Calibrate.cbk line 0

Wed Aug 31 21:08:11 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal.cbk line 0

Wed Aug 31 21:46:42 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal_flat.cbk line 0

Wed Aug 31 22:07:27 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal.cbk line 0

Wed Aug 31 22:45:48 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal.cbk line 0

GENERAL COMMENT BY lisapg: Wed Aug 31 23:00:04 GMT 2022

Sky getting bright

____end____

Wed Aug 31 23:03:06 GMT 2022 KCOR End Patrol

Wed Aug 31 23:03:08 GMT 2022 KCOR End Patrol

Wed Aug 31 23:03:16 GMT 2022 UCoMP Paused for clouds
GENERAL COMMENT BY lisapg: Wed Aug 31 23:02:52 GMT 2022
Sky too bright, instruments idled for now

____end____

Wed Aug 31 23:05:33 GMT 2022 KCOR Start Synoptic Patrol

Wed Aug 31 23:05:35 GMT 2022 UCoMP Restarted from pause

Wed Aug 31 23:10:08 GMT 2022 UCoMP Paused for clouds

Wed Aug 31 23:10:11 GMT 2022 KCOR End Patrol

Wed Aug 31 23:10:13 GMT 2022 KCOR End Patrol

Wed Aug 31 23:13:49 GMT 2022 UCoMP Restarted from pause

GENERAL COMMENT BY lisapg: Wed Aug 31 23:13:52 GMT 2022

RA lost guiding; went to about 1500 arcseconds before it found itself again. It didn't hit anything and there was nothing tight cable wise, so I'm not sure what happened

____end____

Wed Aug 31 23:14:31 GMT 2022 KCOR Start Synoptic Patrol

Wed Aug 31 23:18:21 GMT 2022 KCOR End Patrol

Wed Aug 31 23:18:23 GMT 2022 UCoMP Paused for clouds

Wed Aug 31 23:18:34 GMT 2022 KCOR End Patrol

GENERAL COMMENT BY lisapg: Wed Aug 31 23:18:11 GMT 2022

RA losing guiding again.

____end____

GENERAL COMMENT BY lisapg: Wed Aug 31 23:22:19 GMT 2022

RA seems to be oscillating and then getting completely lost and shooting up to 2000 arc seconds before coming back to oscillate again and then repeating.

____end____

Wed Aug 31 23:32:16 GMT 2022 UCoMP Restarted from pause

Wed Aug 31 23:33:08 GMT 2022 UCoMP Paused for clouds

GENERAL COMMENT BY lisapg: Wed Aug 31 23:51:30 GMT 2022

Sky is too bright to take data at present.

____end____

GENERAL COMMENT BY lisapg: Wed Aug 31 23:57:10 GMT 2022

A 5 lb weight was attached to the center of the spar balancing system with the longer end pointing North. It seems to have stabilized the RA with the covers in beam for Kcor and Ucomp but I have not been able to test it yet with the covers out since the sky is too bright at present. I will leave the 5 lb weight on the sbs.

____end____

GENERAL COMMENT BY lisapg: Thu Sep 01 00:17:06 GMT 2022

RA lost guiding again.

____end____

GENERAL COMMENT BY lisapg: Thu Sep 01 00:24:27 GMT 2022

It came back on its own

____end____

GENERAL COMMENT BY lisapg: Thu Sep 01 01:43:30 GMT 2022

Going to remove the 5 lb weight I added as the RA has been running away again. It most likely is a case where the RA needs to be tightened a bit but I am unable to do it.

____end____

Thu Sep 01 01:54:49 GMT 2022 UCoMP Restarted from pause

GENERAL COMMENT BY lisapg: Thu Sep 01 02:00:11 GMT 2022

Aerosols showed up early and got heavy before noon. Unfortunately, the sky has been too bright to take data this afternoon.

____end____

ONSITE STAFF: lisapg