
Mauna Loa Solar Observatory Observer's Log

Sat Jul 24 15:19:30 GMT 2021

Year: 21 Doy: 205

Observer: lisapg

WEATHER COMMENT: lisapg: Sat Jul 24 16:16:04 GMT 2021

Temp: 41.8 with windspeed at about 8-13mph from the South-Southeast. Sky covered in cirrocumulus at present. Waiting for better conditions before opening.

____end____

GENERAL COMMENT BY lisapg: Sat Jul 24 17:24:39 GMT 2021

PM Blew off Kcor O1

____end____

GENERAL COMMENT BY lisapg: Sat Jul 24 17:24:43 GMT 2021

PM Blew off UCoMP O1

____end____

GENERAL COMMENT BY lisapg: Sat Jul 24 17:24:47 GMT 2021

Opened windows upstairs

____end____

Sat Jul 24 17:31:55 GMT 2021 Kcor Focus/alignment program exited

Sat Jul 24 17:33:19 GMT 2021 KCOR Start Synoptic Patrol

GENERAL COMMENT BY lisapg: Sat Jul 24 17:34:13 GMT 2021

Sky too bright for UCoMP at present.

____end____

Sat Jul 24 17:59:24 GMT 2021 KCOR End Patrol

Sat Jul 24 18:16:28 GMT 2021 KCOR Start Synoptic Patrol

Sat Jul 24 18:22:04 GMT 2021 KCOR End Patrol

UCoMP COMMENT BY lisapg: Sat Jul 24 18:30:12 GMT 2021

Currently trouble shooting UComp.

____end____

Sat Jul 24 19:08:08 GMT 2021 Running UCOMP Cookbook all_coronal_7_flats.ckb

Sat Jul 24 19:10:14 GMT 2021 KCOR Start Synoptic Patrol

UCoMP COMMENT BY lisapg: Sat Jul 24 19:24:07 GMT 2021

The occulter was off the Sun in both the x and y position. the initial positions were x(top #)= 61 and y (bottom #)= -28.41. Put in the ND filter as per Bens' instructions and was able to get it centered on the Sun, with x(top #)= 61.8 and y (bottom #)= -29.91. Stopping and starting the UCoMP-contriller.vi kept the same values as above when centering the occulter, however, if I completely shut down Labview, the occulter position for 'x' would default to 61 while the y position stayed at y (bottom #)= -29.91.

We also checked the ini config folder and found that the occulter positions from all the current and perviously recorded x & y positions were the same; x= 61.0 and y= 11.50.

Thanks to Ben, we were able to get things up and running for UComp again.

____end____

Sat Jul 24 19:24:57 GMT 2021 Running UCOMP Cookbook all_coronal_7_flats.ckb

Sat Jul 24 19:28:34 GMT 2021 Running UCOMP Cookbook all_coronal_7.ckb

Sat Jul 24 19:28:56 GMT 2021 KCOR End Patrol

Sat Jul 24 19:28:57 GMT 2021 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20171025.ini

Sat Jul 24 19:38:25 GMT 2021 UCoMP Paused for clouds
Sat Jul 24 19:38:40 GMT 2021 KCOR ABORT Calibration Script
Sat Jul 24 19:38:57 GMT 2021 KCOR Start Synoptic Patrol
Sat Jul 24 19:38:57 GMT 2021 KCOR Start Synoptic Patrol
Sat Jul 24 19:39:12 GMT 2021 KCOR End Patrol
Sat Jul 24 19:39:13 GMT 2021 KCOR End Patrol

GENERAL COMMENT BY lisapg: Sat Jul 24 19:39:25 GMT 2021
Clouds came in fast during Kcor calibration. Calibration aborted and all instruments idled for now.
____end____

Sat Jul 24 19:40:25 GMT 2021 UCoMP Restarted from pause
Sat Jul 24 19:43:04 GMT 2021 Running UCOMP Cookbook all_coronal_7.ckb
Sat Jul 24 19:43:05 GMT 2021 UCoMP Paused for clouds

GENERAL COMMENT BY lisapg: Sat Jul 24 19:43:28 GMT 2021
Orographic clouds covering the Sun at present.
____end____

GENERAL COMMENT BY lisapg: Sat Jul 24 19:48:30 GMT 2021
Closing dome just in case as the clouds crossing are very dark.
____end____

Sat Jul 24 22:17:56 GMT 2021 UCoMP Restarted from pause
GENERAL COMMENT BY lisapg: Sat Jul 24 22:18:29 GMT 2021
Sprinkling.

____end____
GENERAL COMMENT BY lisapg: Sun Jul 25 01:31:35 GMT 2021
No data this afternoon, hope tomorrow is a better day.
____end____

ONSITE STAFF: lisapg