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Mauna Loa Solar Observatory Observer's Log  
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Sun Aug 22 16:27:52 GMT 2021

Year: 21 Doy: 234

Observer: mlso

WEATHER COMMENT: mcotter: Sun Aug 22 16:29:26 GMT 2021

Temp: 40.5f, Humidity: 21%, Pressure: 28.637in, Wind: 8mph from 183degs, Skies: Clear but somewhat hazy skies. Inversion 1  
ayer visible on the horizon at or above Maunakea.

\_\_\_\_end\_\_\_\_

GENERAL COMMENT BY mcotter: Sun Aug 22 16:41:15 GMT 2021

Opened windows upstairs

\_\_\_\_end\_\_\_\_

GENERAL COMMENT BY mcotter: Sun Aug 22 16:41:26 GMT 2021

PM Blew off UCoMP O1

\_\_\_\_end\_\_\_\_

GENERAL COMMENT BY mcotter: Sun Aug 22 16:41:32 GMT 2021

PM Blew off Kcor O1

\_\_\_\_end\_\_\_\_

Sun Aug 22 16:44:33 GMT 2021 Running UCOMP Cookbook dark\_80ms\_2beam\_16sums\_BOTH.ckb

UCoMP COMMENT BY mcotter: Sun Aug 22 16:48:04 GMT 2021

Ucomp instrument up and running.

\_\_\_\_end\_\_\_\_

KCOR COMMENT BY mcotter: Sun Aug 22 17:13:30 GMT 2021

Kcor instrument up and running.

SGS Offsets: X(RA): -125, Y(Dec): 97.

Polarization checked: Mid, Brigh, Dark, Mid.

\_\_\_\_end\_\_\_\_

Sun Aug 22 19:20:46 GMT 2021 Running UCOMP Cookbook dark\_80ms\_2beam\_16sums\_BOTH.ckb

UCoMP COMMENT BY mcotter: Sun Aug 22 19:31:33 GMT 2021

When I came in this morning I started Ucomp as normal. I could see that the instrument status had updated so I asumed that  
it was running normally. When I checked it a while later the instrument status had stopped updating but there was a GUI t  
hat said the computer was being shared by Ben, so I thought that he was working on the Ucomp program. A while late I looke  
d at it and it seemed to be in the same state so I thought perhaps the GUI telling me that Ben was on the computer was a l  
egacy of some work he was doing yesterday, so I closed the GUI and tried running Ucomp. The Ucomp program was hung up and  
unresponsive. I restarted the computer and was able to restart the Ucomp programs and instrument.

Ucomp appears to be running properly, but I will keep an eye on it and make sure that the instrument status updates as usu  
al.

\_\_\_\_end\_\_\_\_

GENERAL COMMENT BY mcotter: Sun Aug 22 19:32:52 GMT 2021

The KVM controller got hung up. I power cycled the controller and it is now running normal.

\_\_\_\_end\_\_\_\_

UCoMP COMMENT BY mcotter: Sun Aug 22 19:40:52 GMT 2021

It appears that the Ucomp instrument is hung up.

The Ucomp controller program was loaded with the "daily.menu".

It is currently on Cookbook # 1 of 72.

The GUI state that it is on Recipe of 3, Lines of Recipe 3.

The instrument status last up dated at 09:20:46 AM (20 min ago).

the last line on the instrument status reads the following:

dark\_80ms\_2beam\_16sums\_BOTH.ckb

\_\_\_\_end\_\_\_\_

Sun Aug 22 19:49:51 GMT 2021 Running UCOMP Cookbook dark\_80ms\_2beam\_16sums\_BOTH.ckb

Sun Aug 22 19:50:17 GMT 2021 Running UCOMP Cookbook 530\_Scan.ckb

UCoMP COMMENT BY mcotter: Sun Aug 22 19:52:29 GMT 2021

I closed the Ucomp program and restarted it. Ucomp appears to be running normally.

\_\_\_\_end\_\_\_\_

Sun Aug 22 19:53:40 GMT 2021 Running UCOMP Cookbook 637\_Scan.ckb

Sun Aug 22 19:56:39 GMT 2021 Running UCOMP Cookbook 656\_Scan.ckb

Sun Aug 22 19:59:36 GMT 2021 Running UCOMP Cookbook 691\_Scan.ckb

Sun Aug 22 20:02:33 GMT 2021 Running UCOMP Cookbook 706\_Scan.ckb

Sun Aug 22 20:05:30 GMT 2021 Running UCOMP Cookbook 789\_Scan.ckb

Sun Aug 22 20:08:28 GMT 2021 Running UCOMP Cookbook 1074\_Scan.ckb

Sun Aug 22 20:11:27 GMT 2021 Running UCOMP Cookbook 1079\_Scan.ckb

Sun Aug 22 20:14:24 GMT 2021 Running UCOMP Cookbook 1083\_Scan.ckb

Sun Aug 22 20:16:35 GMT 2021 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20171025.ini

Sun Aug 22 20:17:21 GMT 2021 Running UCOMP Cookbook all\_coronal\_7\_flats.ckb

Sun Aug 22 20:31:51 GMT 2021 KCOR End Calibration Script

Sun Aug 22 20:36:38 GMT 2021 Running UCOMP Cookbook all\_coronal\_7.ckb

Sun Aug 22 20:55:14 GMT 2021 Running UCOMP Cookbook all\_coronal\_7.ckb

Sun Aug 22 20:58:39 GMT 2021 Running UCOMP Cookbook all\_coronal\_7.ckb

WEATHER COMMENT: mcotter: Sun Aug 22 21:05:22 GMT 2021

Altocumulus clouds are forming to the north, east and south. So far nothing has encroached on our viewing area.

\_\_\_\_end\_\_\_\_

Sun Aug 22 21:17:55 GMT 2021 Running UCOMP Cookbook dark\_80ms\_2beam\_16sums\_BOTH.ckb

Sun Aug 22 21:18:21 GMT 2021 Running UCOMP Cookbook 530\_Pol\_Calibrate.ckb

Sun Aug 22 21:23:06 GMT 2021 Running UCOMP Cookbook 637\_Pol\_Calibrate.ckb

Sun Aug 22 21:27:28 GMT 2021 Running UCOMP Cookbook 656\_Pol\_Calibrate.ckb

Sun Aug 22 21:31:47 GMT 2021 Running UCOMP Cookbook 691\_Pol\_Calibrate.ckb

Sun Aug 22 21:36:07 GMT 2021 Running UCOMP Cookbook 706\_Pol\_Calibrate.ckb

Sun Aug 22 21:40:27 GMT 2021 Running UCOMP Cookbook 789\_Pol\_Calibrate.ckb

Sun Aug 22 21:40:52 GMT 2021 UCoMP Paused for clouds

WEATHER COMMENT: mcotter: Sun Aug 22 21:43:51 GMT 2021

Orthographic clouds have moved up from the northwest and are now covering the observatory area. Additionally, Altocumulus clouds are beginning to form over the area.

\_\_\_\_end\_\_\_\_

KCOR COMMENT BY mcotter: Sun Aug 22 21:44:30 GMT 2021

Kcor has been stopped because of clouds.

\_\_\_\_end\_\_\_\_

UCoMP COMMENT BY mcotter: Sun Aug 22 21:45:11 GMT 2021

Ucomp has been paused at this time due to clouds.

\_\_\_\_end\_\_\_\_

GENERAL COMMENT BY mcotter: Sun Aug 22 21:57:49 GMT 2021

Clouds continue to form and move into the viewing area over the observatory.

The dome shutter doors and windows have been closed in the event of precipitation.

\_\_\_\_end\_\_\_\_

Mon Aug 23 01:50:00 GMT 2021 Kcor Focus/alignment program exited

Mon Aug 23 01:55:32 GMT 2021 UCoMP Restarted from pause

GENERAL COMMENT BY mcotter: Mon Aug 23 01:57:52 GMT 2021

The sky appeared to clear toward the viewing area so I opened the dome and tried starting the instruments but the sky was much too bright, not to mention that clouds began forming again obstructing the view.

\_\_\_\_end\_\_\_\_

GENERAL COMMENT BY mcotter: Mon Aug 23 01:58:50 GMT 2021

The morning started of decent but by mid morning clouds rolled in and formed obscuring the viewing area.

\_\_\_\_end\_\_\_\_

ONSITE STAFF: mcotter