```
--------------------------------------------------------------------------
          Mauna Loa Solar Observatory Observer's Log
--------------------------------------------------------------------------
          Wed Dec  8 16:30:40 GMT 2021
Year: 21  Doy: 342
Observer: lisapg
WEATHER COMMENT: lisapg: Wed Dec 08 16:36:20 GMT 2021
Temp 41F with wind speed at about 7-12mph from the South-Southeast. Southern part of th
e sky covered in cirrus; waiting for better conditions before opening.
___end___
UCoMP COMMENT BY lisapg: Wed Dec 08 17:02:36 GMT 2021
Power cycled the UComp cameras' and UComps' Cropico.
___end___
GONG COMMENT BY lisapg: Wed Dec 08 17:03:08 GMT 2021
GONG unstowed
___end___
GENERAL COMMENT BY lisapg: Wed Dec 08 17:07:16 GMT 2021
Everything looks good in the building; everything seems to be up and running, the real
test will be when we can start taking data.

Thanks Ben and Marc for everything
___end___
GENERAL COMMENT BY lisapg: Wed Dec 08 20:27:04 GMT 2021
Opened windows upstairs
___end___
GENERAL COMMENT BY lisapg: Wed Dec 08 20:27:09 GMT 2021
PM Blew off Kcor O1
___end___
GENERAL COMMENT BY lisapg: Wed Dec 08 20:27:13 GMT 2021
PM Blew off UCoMP O1
___end___
GENERAL COMMENT BY lisapg: Wed Dec 08 20:27:16 GMT 2021
Opened windows upstairs
___end___
Wed Dec 08 20:33:11 GMT 2021 Kcor Focus/alignment program exited
GENERAL COMMENT BY lisapg: Wed Dec 08 20:33:50 GMT 2021
Sky is just a little too bright at present, waiting for conditions to get better before
 starting up.
___end___
Wed Dec 08 21:51:06 GMT 2021 Kcor Focus/alignment program exited
Wed Dec 08 21:52:30 GMT 2021 KCOR Start Synoptic Patrol
Wed Dec 08 21:54:41 GMT 2021 Running UCOMP Cookbook dark_80ms_2beam_16sums_BOTH.cbk lin
e 0
Wed Dec 08 21:55:58 GMT 2021 Running UCOMP Cookbook 637_Scan.cbk line 0
Wed Dec 08 21:58:07 GMT 2021 Running UCOMP Cookbook 656_Scan.cbk line 0
Wed Dec 08 21:59:56 GMT 2021 Running UCOMP Cookbook 789_Scan.cbk line 0
Wed Dec 08 22:01:46 GMT 2021 Running UCOMP Cookbook 1074_Scan.cbk line 0
Wed Dec 08 22:03:36 GMT 2021 Running UCOMP Cookbook 1079_Scan.cbk line 0
Wed Dec 08 22:05:26 GMT 2021 Running UCOMP Cookbook all_wavelenght_coronal_flat.cbk lin
e 0
Wed Dec 08 22:07:13 GMT 2021 KCOR End Patrol
Wed Dec 08 22:07:22 GMT 2021 UCoMP Paused for clouds
GENERAL COMMENT BY lisapg: Wed Dec 08 22:06:59 GMT 2021
Cirrus crossing, instruments stopped for a bit.
___end___
GENERAL COMMENT BY lisapg: Wed Dec 08 22:07:59 GMT 2021
PM Blew off Kcor O1 to address bullet holes.
___end___
GENERAL COMMENT BY lisapg: Wed Dec 08 22:37:14 GMT 2021
Sky too bright at present.
___end___
UCoMP COMMENT BY mlso: Wed Dec  8 22:50:19 GMT 2021
Removed an extra "END" card at the end of the ucomp primary and seconday headers.
___end___
Thu Dec 09 00:19:35 GMT 2021 Kcor Focus/alignment program exited
Thu Dec 09 00:21:39 GMT 2021 UCoMP Restarted from pause
Thu Dec 09 00:22:32 GMT 2021 KCOR Start Synoptic Patrol
```

UCoMP COMMENT BY lisapg: Thu Dec 09 00:34:31 GMT 2021
UComp seems to have crashed after coming back from clouds. Restarting labview to see if
 it fixes it.
___end___
Thu Dec 09 00:39:57 GMT 2021 Running UCOMP Cookbook all_wavelenght_coronal_flat.cbk lin
e 0
Thu Dec 09 00:58:25 GMT 2021 Running UCOMP Cookbook all_wavelenght_coronal.cbk line 0
Thu Dec 09 01:01:47 GMT 2021 Running UCOMP Cookbook all_wavelenght_coronal.cbk line 7
Thu Dec 09 01:10:03 GMT 2021 UCoMP Paused for clouds
Thu Dec 09 01:10:42 GMT 2021 UCoMP Restarted from pause
UCoMP COMMENT BY lisapg: Thu Dec 09 01:10:36 GMT 2021
UComp is on cookbook 8, recipe 8 when it went red in the images. I put the shutter in a
nd stopped the recipe early to check the occulter position. It came up fine. Not sure w
hat caused it.When I went to Run the cookbook again, it didn't remove the shutter from
in beam. And the filter position wasn't correct. Shutting down labview again and going
to try and restart to see if it fixes it.
___end___
UCoMP COMMENT BY lisapg: Thu Dec 09 01:12:50 GMT 2021
Ben is checking his code first to see if anything is amiss there.
___end___
UCoMP COMMENT BY berkey: Thu Dec 9 01:22:16 GMT 2021
Looks like the UComp O1 code reverted to the old version after the power outage. The n
ew longer slew range program was reloaded and hoepfully saved to non voliital memory th
is time. Initial testings shows we can slew to the end of the rage without tripping a
limit so hopeuflly this fix worked to deal with the wrong O1 position for some of our d
ata today.
___end___
Thu Dec 09 01:26:35 GMT 2021 Running UCOMP Cookbook dark_80ms_2beam_16sums_BOTH.cbk lin
e 0
Thu Dec 09 01:27:52 GMT 2021 Running UCOMP Cookbook 637_Scan.cbk line 0
Thu Dec 09 01:30:00 GMT 2021 Running UCOMP Cookbook 656_Scan.cbk line 0
Thu Dec 09 01:32:19 GMT 2021 Running UCOMP Cookbook 789_Scan.cbk line 0
Thu Dec 09 01:34:31 GMT 2021 Running UCOMP Cookbook 1074_Scan.cbk line 0
Thu Dec 09 01:36:21 GMT 2021 Running UCOMP Cookbook 1079_Scan.cbk line 0
Thu Dec 09 01:38:11 GMT 2021 Running UCOMP Cookbook all_wavelenght_coronal_flat.cbk lin
e 0
Thu Dec 09 01:53:24 GMT 2021 KCOR End Patrol
Thu Dec 09 01:53:28 GMT 2021 KCOR End Patrol
Thu Dec 09 01:53:55 GMT 2021 KCOR Start Synoptic Patrol
GENERAL COMMENT BY lisapg: Thu Dec 09 01:53:20 GMT 2021
Clouds passing, pushing through
___end___
Thu Dec 09 01:56:19 GMT 2021 Running UCOMP Cookbook all_wavelenght_coronal.cbk line 0
Thu Dec 09 02:23:36 GMT 2021 KCOR End Patrol
GENERAL COMMENT BY lisapg: Thu Dec 09 02:27:43 GMT 2021
Not a good day to take data but we got some. Hopefully tomorrow is better.
___end___
ONSITE STAFF: lisapg