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Mauna Loa Solar Observatory Observer's Log  
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Thu Jul 29 16:43:19 GMT 2021

Year: 21 Doy: 210

Observer: berkey

WEATHER COMMENT: berkey: Thu Jul 29 16:47:36 GMT 2021

Temp: 46.0f, Humidity: 76%, Pressure: 28.749in, Wind: 3mph from 202degs, Skies: Heavy overcast.

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

KCOR COMMENT BY berkey: Fri Jul 30 00:38:19 GMT 2021

Kcor SGSLOOP header value should now be a float not an int.

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

UCoMP COMMENT BY berkey: Fri Jul 30 00:39:00 GMT 2021

UCoMP camera NUC changed to Normal. This should be reflected in the data and header.

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

UCoMP COMMENT BY berkey: Fri Jul 30 00:45:51 GMT 2021

Many changes to the UCoMP daily observing program for tomorrow.

21 Wave scan now done first. We now only take 1 set of darks for all 9 data sets. All data sets are now taken at 80ms with 16 sums. We now only take data with RCAM on beam and continuum in BOTH (previously we took all 6 combinations).

We next take a set of coronal data darks and flats. This data is now taken in ascending order of wave band instead of sorted by exposure time.

We then take polarization data in all 9 bands. We only take one set of dark's before starting any band. And all data is taken with 16sums at 80ms.

We then transition into a repeated data set for the rest of the day.

First we take 200 1sum 80ms darks.

Then coronal data darks and flats in all wave regions

Then we take another set of 1074 Polarization data before repeating.

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

GENERAL COMMENT BY berkey: Fri Jul 30 01:02:32 GMT 2021

Sky conditions stayed poor all day.

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

ONSITE STAFF: berkey