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Mauna Loa Solar Observatory Observer's Log  
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Tue Jun 1 17:14:16 GMT 2021

Year: 21 Doy: 152

Observer: berkey

WEATHER COMMENT: lisapg: Tue Jun 01 17:13:47 GMT 2021

Temp: 50.8f, Humidity: 29%, Pressure: 28.833in, Wind: 3mph from 26degs, Skies: clear

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

GENERAL COMMENT BY berkey: Tue Jun 01 17:12:18 GMT 2021

PM Blew off Kcor 01

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

GENERAL COMMENT BY lisapg: Tue Jun 01 17:13:51 GMT 2021

Opened windows upstairs

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

Tue Jun 01 17:17:14 GMT 2021 Kcor Focus/alignment program exited

GENERAL COMMENT BY berkey: Tue Jun 01 17:51:47 GMT 2021

PM Washed UCoMP 01 with soap and water. There are still some artifacts/scratches/? that didnt come off

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

GENERAL COMMENT BY berkey: Tue Jun 01 17:52:05 GMT 2021

Looks like sky brightness has increased over the last hour.

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

Tue Jun 01 17:53:05 GMT 2021 Kcor Focus/alignment program exited

GENERAL COMMENT BY berkey: Tue Jun 01 18:29:23 GMT 2021

Sky seems to bright for kcor.

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

GENERAL COMMENT BY berkey: Tue Jun 01 19:43:31 GMT 2021

Looks like when the aeronet data goes above ~.035 in AOD340 and AOD380 we transition from marginal to bad kcor data.

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

Tue Jun 01 21:12:59 GMT 2021 Kcor Focus/alignment program exited

UCoMP COMMENT BY berkey: Tue Jun 01 22:39:39 GMT 2021

Changing the UCoMP camera set point to 5C (was 15C).

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

GENERAL COMMENT BY berkey: Tue Jun 01 23:50:34 GMT 2021

Low clouds moving in.

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

UCoMP COMMENT BY berkey: Wed Jun 02 01:49:40 GMT 2021

With the dome closed worked a bit on the "CLOUDS" button in UCoMP. Pushing clouds now puts the shutter in the beam along with pausing operations.

This should now be a nice safe operation to do for pausing the instrument on quick passing clouds. Then once the cloud condition has pass un-checking the cloud button will allow the ucomp controller to pickup where it left off.

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

GENERAL COMMENT BY berkey: Wed Jun 02 01:50:23 GMT 2021

Took UCoMP for most of the day, but skys were pretty back and too bright for kcor since about 18UT

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

ONSITE STAFF: berkey