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Mauna Loa Solar Observatory Observer's Log  
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Thu Aug 4 17:18:13 GMT 2022

Year: 22 Doy: 216

Observer: berkey

WEATHER COMMENT: lisapg: Thu Aug 04 17:18:28 GMT 2022

Temp: 41.2f, Humidity: 35%, Pressure: 28.753in, Wind: 5mph from 255degs, Skies: clear above, but high inversion layer expect to see water/aerosols on site before too long.

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

Thu Aug 04 17:19:10 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal\_flat.cbk line 0

Thu Aug 04 17:19:42 GMT 2022 Kcor Focus/alignment program exited

Thu Aug 04 17:39:46 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 0

Thu Aug 04 18:18:17 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 0

\*\*\*\*EVENT COMMENT BY berkey\*\*\*\* : Thu Aug 04 18:21:11 GMT 2022

Fast get of material leaving the sun near PA 330 at 17:41 UT

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

Thu Aug 04 18:56:30 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 0

Thu Aug 04 19:34:34 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal\_flat.cbk line 0

Thu Aug 04 19:55:09 GMT 2022 Running UCOMP Cookbook waves\_1074\_1hour.cbk line 0

GENERAL COMMENT BY berkey: Thu Aug 04 20:18:16 GMT 2022

Clouds blowing up from the saddle.

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

Thu Aug 04 20:18:48 GMT 2022 UCOMP Paused for clouds

Thu Aug 04 23:48:58 GMT 2022 UCOMP Restarted from pause

GENERAL COMMENT BY berkey: Fri Aug 05 00:09:50 GMT 2022

Added 2 1,500W space heaters to the dome to test heating for epoxy flooring. Last few nights dome temp has dropped down to ~43F flooring needs ~70F.

Starting to see some change in the dome temp monitor; however we expect these 2 heaters wont have enough power to heat the space to the need temp.

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

GENERAL COMMENT BY berkey: Fri Aug 05 02:15:18 GMT 2022

Dome temp rose from ~55F to 63F over the past 2 hours. Overall rise is leveling starting to level off I dont expect we will hit 70F with these 2 heaters.

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

GENERAL COMMENT BY berkey: Fri Aug 05 02:18:00 GMT 2022

More work today on the remodel, UPS is getting in a better shape. Found some electrical issues we will need to change to accommodate the ups; this should be taken care of tomorrow. New electrical plugs in cleanroom and control room have been wired and powered up.

Framing of the sliding doors is coming along look like Mark has detailed plan figured out and should be able to finish framing tomorrow.

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

ONSITE STAFF: berkey, Mark S, Tom W