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Mauna Loa Solar Observatory Observer's Log  
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Fri Jan 7 17:36:48 GMT 2022

Year: 22 Doy: 007

Observer: berkey

WEATHER COMMENT: berkey: Fri Jan 07 17:38:16 GMT 2022

Temp: 36.5f, Humidity: 83%, Pressure: 28.711in, Wind: 2mph from 204degs, Skies: clear a bove, inversion layer capturing a lot of aerosols below about 10,000ft. Roads icy above 10,000ft.

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

GENERAL COMMENT BY berkey: Fri Jan 07 17:43:38 GMT 2022

PM Blew off Kcor 01

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

GENERAL COMMENT BY berkey: Fri Jan 07 17:43:45 GMT 2022

PM Blew off UCOMP 01

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

Fri Jan 07 17:53:15 GMT 2022 Running UCOMP Cookbook 637\_Scan.cbk line 0

Fri Jan 07 17:55:26 GMT 2022 Running UCOMP Cookbook 656\_Scan.cbk line 0

Fri Jan 07 17:57:16 GMT 2022 Running UCOMP Cookbook 789\_Scan.cbk line 0

Fri Jan 07 17:59:05 GMT 2022 Running UCOMP Cookbook 1074\_Scan.cbk line 0

Fri Jan 07 18:00:55 GMT 2022 Running UCOMP Cookbook 1079\_Scan.cbk line 0

Fri Jan 07 18:02:44 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal\_flat.cbk line 0

Fri Jan 07 18:04:59 GMT 2022 Kcor Focus/alignment program exited

Fri Jan 07 18:20:51 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 0

Fri Jan 07 18:29:00 GMT 2022 KCOR Start Synoptic Patrol

Fri Jan 07 18:45:04 GMT 2022 KCOR End Patrol

Fri Jan 07 18:45:05 GMT 2022 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20171025.ini

Fri Jan 07 18:46:46 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 14

Fri Jan 07 19:00:18 GMT 2022 KCOR End Calibration Script

Fri Jan 07 19:00:35 GMT 2022 KCOR Start Synoptic Patrol

Fri Jan 07 19:00:35 GMT 2022 KCOR Start Synoptic Patrol

Fri Jan 07 19:32:59 GMT 2022 Running UCOMP Cookbook no-occulter-flat.cbk line 0

GONG COMMENT BY berkey: Fri Jan 07 19:36:17 GMT 2022

Gong turret was oscillating in pitch this morning. It was fixed by going into the gong expert, disabling pitch for about 30 seconds then turning pitch back on.

Smooth motion was verified by both checking the SAOImage QuickReduce and looking at the Pitch position at the bottom of the Gong Expert. When working correct the images are round and the position changes in one direction instead of bouncing up and down. Today it looks like the pitch move is down in the negative direction.

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

Fri Jan 07 19:39:33 GMT 2022 Running UCOMP Cookbook dark\_80ms\_2beam\_16sums\_BOTH.cbk line 0

Fri Jan 07 19:40:50 GMT 2022 Running UCOMP Cookbook 637\_Pol\_Calibrate.cbk line 0

Fri Jan 07 19:45:09 GMT 2022 Running UCOMP Cookbook 656\_Pol\_Calibrate.cbk line 0

Fri Jan 07 19:49:13 GMT 2022 Running UCOMP Cookbook 789\_Pol\_Calibrate.cbk line 0

Fri Jan 07 19:53:17 GMT 2022 Running UCOMP Cookbook 1074\_Pol\_Calibrate.cbk line 0

Fri Jan 07 19:57:22 GMT 2022 Running UCOMP Cookbook 1079\_Pol\_Calibrate.cbk line 0

Fri Jan 07 20:01:26 GMT 2022 Running UCOMP Cookbook waves\_1074\_1hour.cbk line 0

GENERAL COMMENT BY berkey: Fri Jan 07 20:16:19 GMT 2022

Changing the RA Copley amplifier velocity loop Vp to 250 (was 500), to test guider performance vs Kcor and UCOMP

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

GENERAL COMMENT BY berkey: Fri Jan 07 20:49:50 GMT 2022

Reverting RA Vp back to 500. Pending the analysis of the results.

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

GENERAL COMMENT BY berkey: Fri Jan 07 20:52:26 GMT 2022

Some clouds forming east of the observatory.

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

Fri Jan 07 21:11:06 GMT 2022 Running UCOMP Cookbook dark\_200\_1sums\_80ms.cbk line 0

Fri Jan 07 21:16:08 GMT 2022 Running UCOMP Cookbook no-occulter-flat.cbk line 0

Fri Jan 07 21:22:39 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal\_flat.cbk line 0

Fri Jan 07 21:24:16 GMT 2022 UCOMP Paused for clouds

GENERAL COMMENT BY berkey: Fri Jan 07 22:28:57 GMT 2022

Heavy cloud cover.

end

ONSITE STAFF: berkey