
Mauna Loa Solar Observatory Observer's Log

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