
Mauna Loa Solar Observatory Observer's Log

Sun Jan 9 18:00:46 GMT 2022

Year: 22 Doy: 009

Observer: berkey

WEATHER COMMENT: berkey: Sun Jan 09 18:01:53 GMT 2022

Temp: 43.1f, Humidity: 12%, Pressure: 28.666in, Wind: 7mph from 212degs, Skies: clear.

Looks like there is smoke in the saddle capped by in inversion layer at about 9,000ft

____end____

GENERAL COMMENT BY berkey: Sun Jan 09 18:02:00 GMT 2022

PM Blew off Kcor 01

____end____

GENERAL COMMENT BY berkey: Sun Jan 09 18:02:08 GMT 2022

PM Blew off UCOMP 01

____end____

GENERAL COMMENT BY berkey: Sun Jan 09 18:02:10 GMT 2022

____end____

Sun Jan 09 18:02:08 GMT 2022 Running UCOMP Cookbook dark_80ms_2beam_16sums_BOTH.cbk line 0

Sun Jan 09 18:03:25 GMT 2022 Running UCOMP Cookbook 637_Scan.cbk line 0

Sun Jan 09 18:04:01 GMT 2022 Kcor Focus/alignment program exited

Sun Jan 09 18:05:36 GMT 2022 Running UCOMP Cookbook 656_Scan.cbk line 0

Sun Jan 09 18:07:25 GMT 2022 Running UCOMP Cookbook 789_Scan.cbk line 0

Sun Jan 09 18:09:15 GMT 2022 Running UCOMP Cookbook 1074_Scan.cbk line 0

Sun Jan 09 18:11:04 GMT 2022 Running UCOMP Cookbook 1079_Scan.cbk line 0

Sun Jan 09 18:12:54 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal_flat.cbk line 0

Sun Jan 09 18:16:45 GMT 2022 KCOR Start Synoptic Patrol

Sun Jan 09 18:32:30 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal.cbk line 0

Sun Jan 09 18:57:42 GMT 2022 KCOR End Patrol

Sun Jan 09 18:57:43 GMT 2022 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20171025.ini

Sun Jan 09 19:13:00 GMT 2022 KCOR End Calibration Script

Sun Jan 09 19:13:17 GMT 2022 KCOR Start Synoptic Patrol

Sun Jan 09 19:13:17 GMT 2022 KCOR Start Synoptic Patrol

Sun Jan 09 19:43:51 GMT 2022 Running UCOMP Cookbook no-occulter-flat.cbk line 0

Sun Jan 09 19:50:24 GMT 2022 Running UCOMP Cookbook dark_80ms_2beam_16sums_BOTH.cbk line 0

Sun Jan 09 19:51:41 GMT 2022 Running UCOMP Cookbook 637_Pol_Calibrate.cbk line 0

Sun Jan 09 19:56:01 GMT 2022 Running UCOMP Cookbook 656_Pol_Calibrate.cbk line 0

Sun Jan 09 20:00:06 GMT 2022 Running UCOMP Cookbook 789_Pol_Calibrate.cbk line 0

Sun Jan 09 20:04:11 GMT 2022 Running UCOMP Cookbook 1074_Pol_Calibrate.cbk line 0

Sun Jan 09 20:08:15 GMT 2022 Running UCOMP Cookbook 1079_Pol_Calibrate.cbk line 0

Sun Jan 09 20:12:19 GMT 2022 Running UCOMP Cookbook waves_1074_1hour.cbk line 0

GENERAL COMMENT BY berkey: Sun Jan 09 20:56:28 GMT 2022

Setting the Copley RA V loop Vp to 100 for testing.

____end____

Sun Jan 09 21:21:58 GMT 2022 Running UCOMP Cookbook dark_200_1sums_80ms.cbk line 0

GENERAL COMMENT BY berkey: Sun Jan 09 21:22:32 GMT 2022

Reverting the copley ra V loop Vp back to 500

____end____

Sun Jan 09 21:26:58 GMT 2022 Running UCOMP Cookbook no-occulter-flat.cbk line 0

Sun Jan 09 21:33:29 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal_flat.cbk line 0

Sun Jan 09 21:51:52 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal.cbk line 0

Sun Jan 09 23:03:03 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal.cbk line 0

****Possible CME in Progress berkey**** : Sun Jan 09 23:18:07 GMT 2022

Observers report with high confidence a fast CME seen launching near PA 50 with a minimum width of 30 degrees at UT time 22:30 UT.

____end____

****EVENT COMMENT BY berkey**** : Sun Jan 09 23:24:07 GMT 2022

Looks like we had a dark cavity above the disk at PA130 that closed up about 21:15UT.

This cavity looks a little strange to me.

____end____

Sun Jan 09 23:49:59 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal.cbk line 24

GENERAL COMMENT BY berkey: Mon Jan 10 00:03:21 GMT 2022

Clouds blowing up the mountain.

___end___

Mon Jan 10 00:03:43 GMT 2022 UCoMP Paused for clouds

Mon Jan 10 00:03:50 GMT 2022 KCOR End Patrol

KCOR COMMENT BY berkey: Mon Jan 10 00:50:38 GMT 2022

Replaced hepa hoses with something a little more rigid (with less corrugation) to get more flow

___end___

GENERAL COMMENT BY berkey: Mon Jan 10 00:51:17 GMT 2022

Clouds clearing up a little. Hope to get some data between the clouds.

___end___

Mon Jan 10 00:55:13 GMT 2022 UCoMP Restarted from pause

Mon Jan 10 00:57:23 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal.cbk line 29

Mon Jan 10 01:03:56 GMT 2022 UCoMP Paused for clouds

Mon Jan 10 02:04:39 GMT 2022 UCoMP Restarted from pause

KCOR COMMENT BY berkey: Mon Jan 10 02:43:24 GMT 2022

Started trying to bring up the spar MC4u on a lab bench down stairs. It can power on but I haven't yet figured out how to talk to it over ethernet. The operation mc4u Ethernet cable was briefly disconnected at the rack mounted switch in-case there was a conflict talking to 2 on the same computer. This appears to not be the case or at least the reason I cannot talk to the spar unit. The operational unit is plugged back in and appears to be able to move the stages when as expected.

___end___

ONSITE STAFF: berkey