
Mauna Loa Solar Observatory Observer's Log

Thu Feb 3 17:34:56 GMT 2022

Year: 22 Doy: 034

Observer: berkey

WEATHER COMMENT: berkey: Thu Feb 03 17:35:34 GMT 2022

Temp: 38.5f, Humidity: 13%, Pressure: 28.758in, Wind: 6mph from 133deg, Skies: clear
____end____

GENERAL COMMENT BY berkey: Thu Feb 03 17:57:54 GMT 2022

PM Blew off Kcor 01

____end____

GENERAL COMMENT BY berkey: Thu Feb 03 17:57:58 GMT 2022

PM Blew off UCOMP 01

____end____

Thu Feb 03 18:03:54 GMT 2022 KCOR Start Synoptic Patrol

GENERAL COMMENT BY berkey: Thu Feb 03 18:11:46 GMT 2022

Tightening the sgs lens yesterday has changed the morning zero point.

With the loose lens the offsets were 63/11

With the lens secure the offsets are -1/45

____end____

Thu Feb 03 18:19:16 GMT 2022 Running UCOMP Cookbook dark_80ms_2beam_16sums_BOTH.cbk line 0

Thu Feb 03 18:20:33 GMT 2022 Running UCOMP Cookbook 637_Scan.cbk line 0

Thu Feb 03 18:22:44 GMT 2022 Running UCOMP Cookbook 656_Scan.cbk line 0

Thu Feb 03 18:24:33 GMT 2022 Running UCOMP Cookbook 789_Scan.cbk line 0

****Possible CME in Progress berkey**** : Thu Feb 03 18:26:16 GMT 2022

Observers report with high confidence a CME seen near PA 280 with a minimum width of 30 degrees at UT time 18:00UT, event was already in progress at start of observing.

____end____

Thu Feb 03 18:26:23 GMT 2022 Running UCOMP Cookbook 1074_Scan.cbk line 0

Thu Feb 03 18:28:12 GMT 2022 Running UCOMP Cookbook 1079_Scan.cbk line 0

Thu Feb 03 18:30:02 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal_flat.cbk line 0

****EVENT COMMENT BY berkey**** : Thu Feb 03 18:37:30 GMT 2022

Looking at SDO AIA 171 it appears the perviously reported cme was launched from AR2936 at about 10UT.

____end____

Thu Feb 03 18:48:09 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal.cbk line 0

****EVENT COMMENT BY berkey**** : Thu Feb 03 19:32:34 GMT 2022

Prominence eruption seen in gong halpah and kcor launching about 19:15UT near PA290. Looks like it might be coming from behind the limb.

____end____

Thu Feb 03 19:59:32 GMT 2022 Running UCOMP Cookbook no-occultor-flat.cbk line 0

Thu Feb 03 20:06:15 GMT 2022 Running UCOMP Cookbook dark_80ms_2beam_16sums_BOTH.cbk line 0

Thu Feb 03 20:07:32 GMT 2022 Running UCOMP Cookbook 637_Pol_Calibrate.cbk line 0

Thu Feb 03 20:11:51 GMT 2022 Running UCOMP Cookbook 656_Pol_Calibrate.cbk line 0

Thu Feb 03 20:15:55 GMT 2022 Running UCOMP Cookbook 789_Pol_Calibrate.cbk line 0

Thu Feb 03 20:17:35 GMT 2022 KCOR End Patrol

Thu Feb 03 20:17:36 GMT 2022 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20171025.ini

Thu Feb 03 20:19:59 GMT 2022 Running UCOMP Cookbook 1074_Pol_Calibrate.cbk line 0

Thu Feb 03 20:24:02 GMT 2022 Running UCOMP Cookbook 1079_Pol_Calibrate.cbk line 0

Thu Feb 03 20:28:06 GMT 2022 Running UCOMP Cookbook waves_1074_1hour.cbk line 0

Thu Feb 03 20:32:52 GMT 2022 KCOR End Calibration Script

Thu Feb 03 20:33:09 GMT 2022 KCOR Start Synoptic Patrol

Thu Feb 03 20:33:10 GMT 2022 KCOR Start Synoptic Patrol

****Possible CME in Progress berkey**** : Thu Feb 03 20:59:40 GMT 2022

Observers report with high confidence a CME seen launching near PA 270 with a minimum width of 30degrees at 20:50UT

____end____

Thu Feb 03 21:37:47 GMT 2022 Running UCOMP Cookbook dark_200_1sums_80ms.cbk line 0

Thu Feb 03 21:42:45 GMT 2022 Running UCOMP Cookbook no-occultor-flat.cbk line 0

Thu Feb 03 21:49:17 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal_flat.cbk line 0

Thu Feb 03 22:07:39 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal.cbk line 0

Thu Feb 03 22:51:47 GMT 2022 UCOMP Paused for clouds

Thu Feb 03 22:51:55 GMT 2022 KCOR End Patrol

GENERAL COMMENT BY berkey: Thu Feb 03 22:53:01 GMT 2022

Dark clouds coming looks like it could be rain.

____end____

GENERAL COMMENT BY berkey: Fri Feb 04 00:07:56 GMT 2022

Ran with the new kcor->sgs guider update code today. Performance remained good so we now point the default guider version at the new code. If needed the old guider code can be accessed by running the sgs-old.exe short cut on the desktop.

It should just run seamlessly in the background and require no special observer intervention after startup and the initial alignments. However if we ever get to a situation with major occulter spill on kcor the observer should manually adjust zeropoints to fix it.

____end____

Fri Feb 04 00:18:22 GMT 2022 UCOMP Restarted from pause

GENERAL COMMENT BY berkey: Fri Feb 04 00:21:31 GMT 2022

Looks like it wont clear again today.

____end____

ONSITE STAFF: berkey