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Mauna Loa Solar Observatory Observer's Log  
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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 133degs, 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-occulter-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-occulter-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