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Mauna Loa Solar Observatory Observer's Log  
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Sat Jan 29 17:28:49 GMT 2022

Year: 22 Doy: 029

Observer: berkey

WEATHER COMMENT: berkey: Sat Jan 29 17:29:19 GMT 2022

Temp: 32.8f, Humidity: 10%, Pressure: 28.841in, Wind: 4mph from 167degs, Skies: clear  
\_\_\_\_end\_\_\_\_

GENERAL COMMENT BY berkey: Sat Jan 29 17:45:55 GMT 2022

PM Blew off Kcor 01

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

GENERAL COMMENT BY berkey: Sat Jan 29 17:45:58 GMT 2022

PM Blew off UCOMP 01

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

Sat Jan 29 17:52:08 GMT 2022 Running UCOMP Cookbook dark\_80ms\_2beam\_16sums\_BOTH.cbk line 0

Sat Jan 29 17:53:25 GMT 2022 Running UCOMP Cookbook 637\_Scan.cbk line 0

Sat Jan 29 17:55:35 GMT 2022 Running UCOMP Cookbook 656\_Scan.cbk line 0

Sat Jan 29 17:57:25 GMT 2022 Running UCOMP Cookbook 789\_Scan.cbk line 0

Sat Jan 29 17:59:14 GMT 2022 Running UCOMP Cookbook 1074\_Scan.cbk line 0

Sat Jan 29 18:00:51 GMT 2022 Kcor Focus/alignment program exited

Sat Jan 29 18:01:03 GMT 2022 Running UCOMP Cookbook 1079\_Scan.cbk line 0

Sat Jan 29 18:02:53 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal\_flat.cbk line 0

Sat Jan 29 18:17:53 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal\_flat.cbk line 13

Sat Jan 29 18:22:12 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 0

Sat Jan 29 19:00:50 GMT 2022 KCOR Start Synoptic Patrol

Sat Jan 29 19:07:06 GMT 2022 KCOR End Patrol

Sat Jan 29 19:07:07 GMT 2022 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20171025.ini

Sat Jan 29 19:22:24 GMT 2022 KCOR End Calibration Script

Sat Jan 29 19:22:40 GMT 2022 KCOR Start Synoptic Patrol

Sat Jan 29 19:22:41 GMT 2022 KCOR Start Synoptic Patrol

Sat Jan 29 19:33:37 GMT 2022 Running UCOMP Cookbook no-occulter-flat.cbk line 0

Sat Jan 29 19:40:11 GMT 2022 Running UCOMP Cookbook dark\_80ms\_2beam\_16sums\_BOTH.cbk line 0

Sat Jan 29 19:41:27 GMT 2022 Running UCOMP Cookbook 637\_Pol\_Calibrate.cbk line 0

Sat Jan 29 19:45:46 GMT 2022 Running UCOMP Cookbook 656\_Pol\_Calibrate.cbk line 0

Sat Jan 29 19:49:50 GMT 2022 Running UCOMP Cookbook 789\_Pol\_Calibrate.cbk line 0

Sat Jan 29 19:53:54 GMT 2022 Running UCOMP Cookbook 1074\_Pol\_Calibrate.cbk line 0

Sat Jan 29 19:57:57 GMT 2022 Running UCOMP Cookbook 1079\_Pol\_Calibrate.cbk line 0

Sat Jan 29 20:02:01 GMT 2022 Running UCOMP Cookbook waves\_1074\_1hour.cbk line 0

\*\*\*EVENT COMMENT BY berkey\*\*\* : Sat Jan 29 20:23:42 GMT 2022

Seeing a blob of material moving away from the sun from about 2 radii toward the edge of the FOV at about PA80. Blob appears to be visible from 18-20UT. This looks like it might be associated with a cme seen in SDO launching off the back side of the sun around 12UT.

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

Sat Jan 29 21:11:44 GMT 2022 Running UCOMP Cookbook dark\_200\_1sums\_80ms.cbk line 0

Sat Jan 29 21:16:45 GMT 2022 Running UCOMP Cookbook no-occulter-flat.cbk line 0

Sat Jan 29 21:23:26 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal\_flat.cbk line 0

Sat Jan 29 21:41:49 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 0

Sat Jan 29 22:29:35 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 24

Sat Jan 29 22:54:40 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 0

GENERAL COMMENT BY berkey: Sun Jan 30 00:08:15 GMT 2022

Ran today with an experimental code to calculate occulter spill on kcor and send this data to SGS to update the zeropoint offsets automatically.

The kcor occulter spill signal was a little noisy in the morning; but after about 18:30 UT it was stable enough to send offsets.

More testing is needed by the seems like a promising way to keep the guider aligned to kcor (and mostly ucomp). And based on the nrgf images the code seemed to keep things in better alignment than I am typically of. Code is now disabled, so the kcor/guider in

teraction should function as before.

end

ONSITE STAFF: berkey