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          Mauna Loa Solar Observatory Observer's Log
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       Mon Jul 18 16:30:53 GMT 2022
Year: 22  Doy: 199
Observer: berkey
WEATHER COMMENT: berkey: Mon Jul 18 16:31:03 GMT 2022
Temp: 45.1f, Humidity: 32%, Pressure: 28.754in, Wind: 9mph from 134degs, Skies: mostly
clear with some patchy cirrus through out the sky.
___end___
GENERAL COMMENT BY berkey: Mon Jul 18 16:45:03 GMT 2022
Opened windows upstairs
___end___
GENERAL COMMENT BY berkey: Mon Jul 18 16:45:10 GMT 2022
PM Blew off UCoMP O1
___end___
GENERAL COMMENT BY berkey: Mon Jul 18 16:45:17 GMT 2022
PM Blew off Kcor O1
___end___
Mon Jul 18 16:49:14 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal_flat.cbk lin
e 0
Mon Jul 18 16:59:22 GMT 2022 Kcor Focus/alignment program exited
Mon Jul 18 17:04:26 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal.cbk line 0
Mon Jul 18 17:32:13 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal.cbk line 0
Mon Jul 18 17:59:42 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal.cbk line 0
Mon Jul 18 18:27:28 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal_flat.cbk lin
e 0
Mon Jul 18 18:43:11 GMT 2022 Running UCOMP Cookbook waves_1074_1hour.cbk line 0
Mon Jul 18 18:55:31 GMT 2022 Running UCOMP Cookbook waves_1074_1hour.cbk line 21
****Possible CME in Progress reported by berkey**** : Mon Jul 18 19:03:26 GMT 2022
TIME: 17:41:00 UT
PA: 230 deg
WIDTH: 240 deg
Observers report with LOW confidence a CME at the time, position angle, and width noted
.
This CME was initially observed on the Kcor Diff Image before being observed on the Kco
r NRGF image. The Kcor NRGF image is faint and the CME may not have been witnessed with
out the Kcor Diff Image bringing it to the observers attention.
___end___
Mon Jul 18 19:29:50 GMT 2022 UCoMP Paused for clouds
Mon Jul 18 19:34:49 GMT 2022 UCoMP Restarted from pause
Mon Jul 18 19:36:41 GMT 2022 Running UCOMP Cookbook waves_1074_1hour.cbk line 84
Mon Jul 18 19:45:23 GMT 2022 Running UCOMP Cookbook waves_1074_1hour.cbk line 98
Mon Jul 18 19:51:34 GMT 2022 Running UCOMP Cookbook waves_1074_1hour.cbk line 107
Mon Jul 18 19:56:55 GMT 2022 KCOR Start Calibration script: c:\kcor\mlso-calibration22d
eg-20171025.ini
Mon Jul 18 20:03:05 GMT 2022 Running UCOMP Cookbook dark_80ms_2beam_16sums_BOTH.cbk lin
e 0
Mon Jul 18 20:04:22 GMT 2022 Running UCOMP Cookbook 637_Pol_Calibrate.cbk line 0
Mon Jul 18 20:08:25 GMT 2022 Running UCOMP Cookbook 706_Pol_Calibrate.cbk line 0
Mon Jul 18 20:12:10 GMT 2022 KCOR End Calibration Script
Mon Jul 18 20:12:28 GMT 2022 Running UCOMP Cookbook 789_Pol_Calibrate.cbk line 0
Mon Jul 18 20:16:33 GMT 2022 Running UCOMP Cookbook 1074_Pol_Calibrate.cbk line 0
Mon Jul 18 20:20:46 GMT 2022 Running UCOMP Cookbook 1079_Pol_Calibrate.cbk line 0
Mon Jul 18 20:24:49 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal.cbk line 0
WEATHER COMMENT: berkey: Mon Jul 18 20:38:55 GMT 2022
The sky is beginning to get a bit brighter, as can be observed in the Kcor Level 0 Syno
ptic images.
So far the images increasing level of brightness appears to be brightening from the cen
ter of the image, emanating near the occulter outward. The images still appear acceptab
le, but at some point the way in which this brightening is occurring it will begin to s
aturate the image quality of the coronal ring and degrade the data quality.
___end___
Mon Jul 18 20:39:39 GMT 2022 UCoMP Paused for clouds
WEATHER COMMENT: berkey: Mon Jul 18 20:51:15 GMT 2022
Bands of high altitude Cirrus clouds have been present since the start of the day, but
it was mostly confined to the norther portion of the sky. Within the last hour or so th
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e bands of Cirrus have been increasing, as well as a general brightening of the sky pos
sibly due to a thin layer of very high altitude Cirrostratus clouds beginning to form.
The Kcor level 0 images have gotten excessively bright with the brightness emanating fr
om the center of the image. The coronal ring has become blurred and less defined in ove
rall appearance.
Both Kcor and Ucomp have been paused due to brightening sky conditions.
___end___
Mon Jul 18 23:12:05 GMT 2022 UCoMP Restarted from pause
****EVENT COMMENT BY berkey**** : Mon Jul 18 23:19:00 GMT 2022
A Jet Streamer has been observed emanating from the corona at:
Universal Time: 19:00:05
Approximate PA: 135 Deg.
Approximate width: 10 Deg.
This Jet Streamer is faint and was identified using Kcor Diff and NRGF images.
___end___
Mon Jul 18 23:19:52 GMT 2022 UCoMP Paused for clouds
GENERAL COMMENT BY berkey: Mon Jul 18 23:22:07 GMT 2022
Both instruments were put back on sky and observing, but within minutes the sky became
too bright to continue.
Kcor and Ucomp are both paused again due to bright sky conditions.
___end___
Tue Jul 19 02:10:59 GMT 2022 UCoMP Restarted from pause
GENERAL COMMENT BY berkey: Tue Jul 19 02:39:14 GMT 2022
Cirrus never broke.
___end___
UCoMP COMMENT BY berkey: Tue Jul 19 03:00:05 GMT 2022
Changed the manual aligned code so the X adjustment will be the same in cam0 and cam1.
 I think I got the logic correct so left will now move the occulter to the left in both
 cam0 and cam0 (not right in both), but at least it will be the same direction which ev
er camera is being displayed.

This should fix the bug that pushing the left button in our normal alignments moved the
 occulter right.
___end___
ONSITE STAFF: berkey, mcotter