
Mauna Loa Solar Observatory Observer's Log

Sun Apr 3 17:21:11 GMT 2022
Year: 22 Doy: 093
Observer: berkey
GENERAL COMMENT BY berkey: Sun Apr 03 17:26:05 GMT 2022
PM Blew off Kcor O1
___end___
GENERAL COMMENT BY berkey: Sun Apr 03 17:26:11 GMT 2022
PM Blew off UCoMP O1
___end___
WEATHER COMMENT: berkey: Sun Apr 03 17:26:19 GMT 2022
Temp: 41.8f, Humidity: 14%, Pressure: 28.819in, Wind: 2mph from 253degs, Skies: clear
___end___
Sun Apr 03 17:26:51 GMT 2022 Running UCOMP Cookbook poor-weather-coronal-with-flats.cbk line 0
Sun Apr 03 17:28:12 GMT 2022 Kcor Focus/alignment program exited
Sun Apr 03 17:32:47 GMT 2022 KCOR Start Synoptic Patrol
Sun Apr 03 17:36:45 GMT 2022 Running UCOMP Cookbook poor-weather-coronal-with-flats.cbk line 0
UCoMP COMMENT BY berkey: Sun Apr 03 17:59:24 GMT 2022
UCoMP O1 motor crashed.

Fixed a bug that should let this automatically correct it self.
___end___
Sun Apr 03 18:02:39 GMT 2022 Running UCOMP Cookbook all_wavelenght_coronal_flat.cbk line 0
Sun Apr 03 18:18:16 GMT 2022 Running UCOMP Cookbook all_wavelenght_coronal.cbk line 0
Sun Apr 03 18:32:41 GMT 2022 Running UCOMP Cookbook all_wavelenght_coronal.cbk line 0
Sun Apr 03 18:44:19 GMT 2022 Running UCOMP Cookbook all_wavelenght_coronal_flat.cbk line 0
Sun Apr 03 18:45:23 GMT 2022 Running UCOMP Cookbook all_wavelenght_coronal.cbk line 0
Sun Apr 03 18:55:00 GMT 2022 Running UCOMP Cookbook all_wavelenght_coronal_flat.cbk line 0
Sun Apr 03 18:56:04 GMT 2022 Running UCOMP Cookbook all_wavelenght_coronal.cbk line 0
Sun Apr 03 19:06:27 GMT 2022 Running UCOMP Cookbook all_wavelenght_coronal.cbk line 8
Sun Apr 03 19:24:53 GMT 2022 Running UCOMP Cookbook all_wavelenght_coronal.cbk line 0
****EVENT COMMENT BY berkey**** : Sun Apr 03 19:37:46 GMT 2022
Very bright active region in the NW. Region is visible in the kcor raw data.
___end___
Sun Apr 03 19:52:32 GMT 2022 Running UCOMP Cookbook all_wavelenght_coronal.cbk line 0
Sun Apr 03 20:20:10 GMT 2022 Running UCOMP Cookbook all_wavelenght_coronal_flat.cbk line 0
Sun Apr 03 20:35:26 GMT 2022 Running UCOMP Cookbook waves_1074_1hour.cbk line 0
Sun Apr 03 21:51:12 GMT 2022 Running UCOMP Cookbook no-occulter-flat.cbk line 0
Sun Apr 03 21:57:40 GMT 2022 Running UCOMP Cookbook all_wavelenght_coronal.cbk line 0
Sun Apr 03 22:19:42 GMT 2022 UCoMP Paused for clouds
Sun Apr 03 22:19:51 GMT 2022 UCoMP Restarted from pause
GENERAL COMMENT BY berkey: Sun Apr 03 23:29:34 GMT 2022
Dome closed for heavy overcast.
___end___
GENERAL COMMENT BY berkey: Sun Apr 03 23:36:16 GMT 2022

___end___
GENERAL COMMENT BY berkey: Sun Apr 03 23:36:17 GMT 2022

___end___
UCoMP COMMENT BY berkey: Mon Apr 04 02:33:13 GMT 2022
Spent some time this afternoon with marginal skies trying to characterize how to find occulter spill. And now to programmaticly calculate how far the occulter is misaligned in mm for a given amount of detected occulter spill.

Algorithm still needs a bit more work, some of the trouble might be the high levels of aerosols seen when working with some of these tests.

The manual center occulter VI now has a couple more widgets to describe how bad the mis

-alignment is. Including X and Y experimental numeric boxes, and a threshold image of the pixels to align (hidden to the upper left of the normal center occulter screen).At this point I am not sure how helpful the new widgets, and they can be ignored for now.
___end___
GENERAL COMMENT BY berkey: Mon Apr 04 02:33:29 GMT 2022
Nice morning but cloudy afternoon.
___end___
ONSITE STAFF: berkey, lisapg