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Mauna Loa Solar Observatory Observer's Log  
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Sat Mar 19 17:23:06 GMT 2022

Year: 22 Doy: 078

Observer: mlso

WEATHER COMMENT: mcotter: Sat Mar 19 17:30:53 GMT 2022

Temp: 44.1f, Humidity: 20%, Pressure: 28.819in, Wind: 4mph from 234degs, Skies: Cloudy with rain from Hilo to approximately 7500' elevation. High altitude Cirrus clouds scattered across the east and southeast skies. No discernible inversion layer. Light wind from the southwest.

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

Sat Mar 19 17:31:55 GMT 2022 Kcor Focus/alignment program exited

GENERAL COMMENT BY mcotter: Sat Mar 19 17:33:09 GMT 2022

Due to cirrus clouds in the east and southeast no observations can be made at this time

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

Sat Mar 19 18:12:15 GMT 2022 Kcor Focus/alignment program exited

Sat Mar 19 18:12:59 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal\_flat.cbk line 0

Sat Mar 19 18:13:50 GMT 2022 UCOMP Paused for clouds

GENERAL COMMENT BY mcotter: Sat Mar 19 18:16:54 GMT 2022

The clouds that were in the eastern sky seemed to have broken up a little bit but unfortunately they have dispersed toward the east and are now spread across the sky above the observatory. I tried running Kcor but the sky is still too bright to run at this time. I stopped Kcor and have Ucomp paused at this time.

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

Sat Mar 19 18:36:52 GMT 2022 UCOMP Restarted from pause

UCOMP COMMENT BY mcotter: Sat Mar 19 18:38:40 GMT 2022

Ucomp instrument now running.

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

KCOR COMMENT BY mcotter: Sat Mar 19 18:39:21 GMT 2022

Kcor instrument now running.

Polarization checked good: Mid, Bright, Dark, Mid.

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

Sat Mar 19 18:51:29 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 0

Sat Mar 19 19:19:37 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 0

Sat Mar 19 19:47:27 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 0

Sat Mar 19 20:15:26 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal\_flat.cbk line 0

Sat Mar 19 20:30:42 GMT 2022 Running UCOMP Cookbook waves\_1074\_1hour.cbk line 0

GENERAL COMMENT BY mcotter: Sat Mar 19 21:06:39 GMT 2022

KVM stopped working. Power cycled unit and it came up normally.

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

Sat Mar 19 21:06:45 GMT 2022 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20171025.ini

Sat Mar 19 21:21:56 GMT 2022 KCOR End Calibration Script

Sat Mar 19 21:40:10 GMT 2022 Running UCOMP Cookbook no-occulter-flat.cbk line 0

Sat Mar 19 21:46:37 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 0

Sat Mar 19 22:14:32 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal\_flat.cbk line 0

Sat Mar 19 22:29:50 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 0

Sat Mar 19 22:57:47 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 0

Sat Mar 19 23:25:54 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 0

Sat Mar 19 23:53:43 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal\_flat.cbk line 0

WEATHER COMMENT: mcotter: Sat Mar 19 23:57:02 GMT 2022

Orthographic clouds are moving in from the south and west. The clouds are close to the observatory but not quite into the viewing area yet.

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

Sun Mar 20 00:07:56 GMT 2022 UCOMP Paused for clouds

WEATHER COMMENT: mcotter: Sun Mar 20 00:09:04 GMT 2022

Clouds have now moved into the viewing area.

Kcor has been stopped.

Ucomp has been paused.

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

WEATHER COMMENT: mcotter: Sun Mar 20 00:54:50 GMT 2022

Cloud coverage continues to increase, with some of the clouds being dark.  
The dome shutter doors and dome windows have been closed in case of precipitation.

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

GENERAL COMMENT BY mcotter: Sun Mar 20 02:32:50 GMT 2022

The early morning was a little cloudy but within an hour or so the sky cleared and the instruments were running. By mid afternoon clouds came into the viewing area and the dome was closed. Overall a decent day of collecting data.

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

GENERAL COMMENT BY mcotter: Sun Mar 20 02:53:51 GMT 2022

Emptied all trash receptacles .  
Changed tact mats in dome vestibule and clean room.  
Vacuumed control room.  
Organized and put away observatory supplies.

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

ONSITE STAFF: mcotter