
Mauna Loa Solar Observatory Observer's Log

Thu Feb 17 17:47:03 GMT 2022

Year: 22 Doy: 048

Observer: berkey

WEATHER COMMENT: berkey: Thu Feb 17 17:47:25 GMT 2022

Temp: 32.4f, Humidity: 36%, Pressure: 28.892in, Wind: 6mph from 181degs, Skies: clear
____end____

Thu Feb 17 17:50:03 GMT 2022 Running UCOMP Cookbook dark_80ms_2beam_16sums_BOTH.cbk line 0
Thu Feb 17 17:51:20 GMT 2022 Running UCOMP Cookbook 530_Scan.cbk line 0
Thu Feb 17 17:52:25 GMT 2022 Kcor Focus/alignment program exited
Thu Feb 17 17:53:30 GMT 2022 Running UCOMP Cookbook 637_Scan.cbk line 0
Thu Feb 17 17:55:20 GMT 2022 Running UCOMP Cookbook 691_Scan.cbk line 0
Thu Feb 17 17:57:09 GMT 2022 Running UCOMP Cookbook 706_Scan.cbk line 0
Thu Feb 17 17:58:58 GMT 2022 Running UCOMP Cookbook 789_Scan.cbk line 0
Thu Feb 17 18:00:48 GMT 2022 Running UCOMP Cookbook 1074_Scan.cbk line 0
Thu Feb 17 18:03:20 GMT 2022 Running UCOMP Cookbook 1074_Scan.cbk line 3
Thu Feb 17 18:04:44 GMT 2022 Running UCOMP Cookbook 1079_Scan.cbk line 0
Thu Feb 17 18:06:33 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal_flat.cbk line 0
Thu Feb 17 18:33:54 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal_flat.cbk line 0
Thu Feb 17 18:48:51 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal.cbk line 0
Thu Feb 17 19:00:43 GMT 2022 KCOR Start Synoptic Patrol
Thu Feb 17 19:28:08 GMT 2022 KCOR End Patrol
Thu Feb 17 19:28:09 GMT 2022 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20171025.ini
Thu Feb 17 19:42:12 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal.cbk line 0
Thu Feb 17 19:43:26 GMT 2022 KCOR End Calibration Script
Thu Feb 17 19:43:43 GMT 2022 KCOR Start Synoptic Patrol
Thu Feb 17 19:43:44 GMT 2022 KCOR Start Synoptic Patrol
Thu Feb 17 20:26:23 GMT 2022 KCOR End Patrol
Thu Feb 17 20:26:29 GMT 2022 UCoMP Paused for clouds
Thu Feb 17 20:34:51 GMT 2022 UCoMP Restarted from pause
Thu Feb 17 20:43:38 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal.cbk line 0
Thu Feb 17 21:07:49 GMT 2022 UCoMP Paused for clouds
GENERAL COMMENT BY berkey: Thu Feb 17 21:56:22 GMT 2022
PM Washed Kcor O1.

On inspection of the Kcor O1 20:30UT, it was found that the O1 had a drip feature on the back side. The front side of the O1 was rinsed with water. And the back side was washed with soap and water. Looks like we were able to remove the drip mark.

O1 was reinstalled in its mount 45 degrees CW of the nominal position (45 degree CCW of where we put it yesterday).

Before washing the O1:

The spot light lamp was disassembled and the optics were cleaned to remove some of the haze that got deposited on the lens due to the high heat. This may be something we have to do from time to time as today's cleaning saw more haze deposited on the lens. It seems like the lamp cleaning helped increase the intensity; but even with this maintain it seemed difficult to see the artifacts on the O1. It is unclear what changed over since we first got the lamp; because it seemed easier to spot issues back then.

____end____

Thu Feb 17 23:18:42 GMT 2022 UCoMP Restarted from pause

Thu Feb 17 23:19:49 GMT 2022 UCoMP Paused for clouds

Thu Feb 17 23:51:03 GMT 2022 UCoMP Restarted from pause

****EVENT COMMENT BY berkey**** : Thu Feb 17 23:53:26 GMT 2022

Eruptive prominence seen moving above the solar disk near PA50 during the duration of Kcor observations. Initially it appears to be a wide jet but later observations seem to suggest the material fell back to the disk.

____end____

KCOR COMMENT BY berkey: Thu Feb 17 23:59:59 GMT 2022

Looks like the Kcor cleaning helped.

___end___

GENERAL COMMENT BY berkey: Fri Feb 18 00:00:09 GMT 2022

Heavy overcast.

___end___

ONSITE STAFF: berkey