
Mauna Loa Solar Observatory Observer's Log

Mon Sep 13 17:14:34 GMT 2021

Year: 21 Doy: 256

Observer: mlso

Mon Sep 13 17:15:37 GMT 2021 Kcor Focus/alignment program exited

Mon Sep 13 17:29:15 GMT 2021 Running UCOMP Cookbook dark_80ms_2beam_16sums_BOTH.ckb line 0

WEATHER COMMENT: mcotter: Mon Sep 13 17:29:47 GMT 2021

Temp: 48.0f, Humidity: 14%, Pressure: 28.694in, Wind: 8mph from 71degs, Skies: Clear but hazy skies. Light inversion layer visible just below Haleakala.

____end____

GENERAL COMMENT BY mcotter: Mon Sep 13 17:29:56 GMT 2021

Opened windows upstairs

____end____

GENERAL COMMENT BY mcotter: Mon Sep 13 17:30:05 GMT 2021

PM Blew off UCOMP 01

____end____

GENERAL COMMENT BY mcotter: Mon Sep 13 17:30:14 GMT 2021

PM Blew off Kcor 01

____end____

Mon Sep 13 17:30:40 GMT 2021 Running UCOMP Cookbook 530_Scan.ckb line 0

KCOR COMMENT BY mcotter: Mon Sep 13 17:31:36 GMT 2021

Kcor now running.

SGS offsets: X(RA): -130, Y(Dec): 90.

Polarization good: Mid, Bright, Dark, Mid.

____end____

Mon Sep 13 17:34:04 GMT 2021 Running UCOMP Cookbook 637_Scan.ckb line 0

Mon Sep 13 17:37:03 GMT 2021 Running UCOMP Cookbook 656_Scan.ckb line 0

Mon Sep 13 17:40:00 GMT 2021 Running UCOMP Cookbook 691_Scan.ckb line 0

Mon Sep 13 17:42:57 GMT 2021 Running UCOMP Cookbook 706_Scan.ckb line 0

Mon Sep 13 17:45:54 GMT 2021 Running UCOMP Cookbook 789_Scan.ckb line 0

Mon Sep 13 17:48:52 GMT 2021 Running UCOMP Cookbook 1074_Scan.ckb line 0

Mon Sep 13 17:51:52 GMT 2021 Running UCOMP Cookbook 1079_Scan.ckb line 0

Mon Sep 13 17:54:49 GMT 2021 Running UCOMP Cookbook 1083_Scan.ckb line 0

Mon Sep 13 17:57:46 GMT 2021 Running UCOMP Cookbook all_coronal_7_flats.ckb line 0

Mon Sep 13 18:21:23 GMT 2021 Running UCOMP Cookbook all_coronal_7.ckb line 0

Mon Sep 13 18:45:06 GMT 2021 Running UCOMP Cookbook all_coronal_7.ckb line 0

Mon Sep 13 19:08:31 GMT 2021 Running UCOMP Cookbook dark_80ms_2beam_16sums_BOTH.ckb line 0

Mon Sep 13 19:09:54 GMT 2021 Running UCOMP Cookbook 530_Pol_Calibrate.ckb line 0

Mon Sep 13 19:14:35 GMT 2021 Running UCOMP Cookbook 637_Pol_Calibrate.ckb line 0

Mon Sep 13 19:18:57 GMT 2021 Running UCOMP Cookbook 656_Pol_Calibrate.ckb line 0

Mon Sep 13 19:23:16 GMT 2021 Running UCOMP Cookbook 691_Pol_Calibrate.ckb line 0

Mon Sep 13 19:27:46 GMT 2021 Running UCOMP Cookbook 706_Pol_Calibrate.ckb line 0

Mon Sep 13 19:32:05 GMT 2021 Running UCOMP Cookbook 789_Pol_Calibrate.ckb line 0

Mon Sep 13 19:36:26 GMT 2021 Running UCOMP Cookbook 1074_Pol_Calibrate.ckb line 0

Mon Sep 13 19:40:48 GMT 2021 Running UCOMP Cookbook 1079_Pol_Calibrate.ckb line 0

Mon Sep 13 19:45:09 GMT 2021 Running UCOMP Cookbook 1083_Pol_Calibrate.ckb line 0

Mon Sep 13 19:49:28 GMT 2021 Running UCOMP Cookbook sumtest-1074.ckb line 0
Mon Sep 13 19:55:16 GMT 2021 Running UCOMP Cookbook waves_1074_1hour.ckb line 0
Mon Sep 13 19:58:56 GMT 2021 Running UCOMP Cookbook waves_1074_1hour.ckb line 5
Mon Sep 13 20:21:46 GMT 2021 Running UCOMP Cookbook waves_1074_1hour.ckb line 47
Mon Sep 13 21:02:52 GMT 2021 Running UCOMP Cookbook dark_200_200_1sums_80ms.ckb line 0
Mon Sep 13 21:07:57 GMT 2021 Running UCOMP Cookbook all_coronal_7_flats.ckb line 0
Mon Sep 13 21:31:54 GMT 2021 Running UCOMP Cookbook all_coronal_7.ckb line 0
Mon Sep 13 21:55:35 GMT 2021 Running UCOMP Cookbook all_coronal_7.ckb line 0
Mon Sep 13 22:19:01 GMT 2021 Running UCOMP Cookbook all_coronal_7.ckb line 0
Mon Sep 13 22:42:24 GMT 2021 Running UCOMP Cookbook all_coronal_7.ckb line 0

****Possible CME in Progress mcotter**** : Mon Sep 13 22:54:45 GMT 2021

Possible CME seen launching near PA:240 deg at time 21:16 UT.

____end____

****Possible CME in Progress mcotter**** : Mon Sep 13 23:00:14 GMT 2021

Possible CME seen launching near PA:240 at time 19:36 UT.

When reviewing the CME from 21:16 UT, I could also make out another CME originating from the same area a little earlier.

____end____

WEATHER COMMENT: mcotter: Mon Sep 13 23:05:30 GMT 2021

Temp: 50.4f, Humidity: 66%, Pressure: 28.648in, Wind: 4mph from 355degs, Skies: Orthographic clouds are beginning to make their way toward the observatory from the north-northwest. The sky is becoming much brighter.

____end____

Mon Sep 13 23:05:59 GMT 2021 UCoMP Paused for clouds

WEATHER COMMENT: mcotter: Tue Sep 14 00:12:45 GMT 2021

Orthographic clouds moved in from the Saddle Valley and are now covering the sky over the observatory.

____end____

UCoMP COMMENT BY mcotter: Tue Sep 14 00:13:14 GMT 2021

Ucomp has been paused at this time for clouds.

____end____

KCOR COMMENT BY mcotter: Tue Sep 14 00:13:41 GMT 2021

Kcor has been stopped at this time because of clouds.

____end____

GENERAL COMMENT BY mcotter: Tue Sep 14 00:14:30 GMT 2021

The dome shutter doors and windows have been closed in the event of precipitation.

____end____

WEATHER COMMENT: mcotter: Tue Sep 14 01:37:23 GMT 2021

Temp: 50.5f, Humidity: 73%, Pressure: 28.596in, Wind: 7mph from 26degs, Skies: The heavy cloud coverage has broken up but clouds continue to form and disperse, then again form and disperse over the observatory and in the viewing area leaving the sky much too bright to observe.

____end____

Tue Sep 14 02:14:53 GMT 2021 UCoMP Restarted from pause

GENERAL COMMENT BY mcotter: Tue Sep 14 02:28:29 GMT 2021

Nice morning with clear skies. Clouds moved into the area of the observatory late in the morning and finally Kcor and Ucomp needed to be stopped.

____end____

ONSITE STAFF: mcotter