
Mauna Loa Solar Observatory Observer's Log

Mon Aug 16 16:29:16 GMT 2021

Year: 21 Doy: 228

Observer: mlso

WEATHER COMMENT: mcotter: Mon Aug 16 16:31:12 GMT 2021

Temp: 37.0f, Humidity: 20%, Pressure: 28.658in, Wind: 9mph from 178degs, Skies: Clear skies overhead with some low level Cumulus clouds in the Saddle Valley.

____end____

WEATHER COMMENT: mcotter: Mon Aug 16 16:40:41 GMT 2021

Inversion layer visible on the horizon at or above Maunakea.

____end____

GENERAL COMMENT BY mcotter: Mon Aug 16 16:40:49 GMT 2021

Opened windows upstairs

____end____

GENERAL COMMENT BY mcotter: Mon Aug 16 16:40:57 GMT 2021

PM Blew off UCOMP O1

____end____

GENERAL COMMENT BY mcotter: Mon Aug 16 16:41:09 GMT 2021

PM Blew off Kcor O1

____end____

Mon Aug 16 16:45:39 GMT 2021 Running UCOMP Cookbook dark_80ms_2beam_16sums_BOTH.ckb

Mon Aug 16 16:46:01 GMT 2021 Running UCOMP Cookbook 530_Scan.ckb

Mon Aug 16 16:49:21 GMT 2021 Running UCOMP Cookbook 637_Scan.ckb

UCOMP COMMENT BY mcotter: Mon Aug 16 16:51:12 GMT 2021

Ucomp up and running.

____end____

Mon Aug 16 16:52:16 GMT 2021 Running UCOMP Cookbook 656_Scan.ckb

Mon Aug 16 16:55:09 GMT 2021 Running UCOMP Cookbook 691_Scan.ckb

Mon Aug 16 16:58:03 GMT 2021 Running UCOMP Cookbook 706_Scan.ckb

Mon Aug 16 17:00:56 GMT 2021 Running UCOMP Cookbook 789_Scan.ckb

Mon Aug 16 17:03:50 GMT 2021 Running UCOMP Cookbook 1074_Scan.ckb

Mon Aug 16 17:05:57 GMT 2021 Kcor Focus/alignment program exited

Mon Aug 16 17:06:46 GMT 2021 Running UCOMP Cookbook 1079_Scan.ckb

KCOR COMMENT BY mcotter: Mon Aug 16 17:09:32 GMT 2021

Kcor up and running.

Lots of aerosols were visible when running the focus routine but a very nicely shaped parabola was obtained on the first try.

SGS offsets: X(RA): -125, Y(Dec): 80.

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

____end____

Mon Aug 16 17:09:39 GMT 2021 Running UCOMP Cookbook 1083_Scan.ckb

Mon Aug 16 17:12:32 GMT 2021 Running UCOMP Cookbook all_coronal_7_flats.ckb

Mon Aug 16 17:30:58 GMT 2021 Running UCOMP Cookbook all_coronal_7.ckb

Mon Aug 16 17:50:04 GMT 2021 Running UCOMP Cookbook all_coronal_7.ckb

Mon Aug 16 18:09:38 GMT 2021 Running UCOMP Cookbook all_coronal_7.ckb

Mon Aug 16 18:11:03 GMT 2021 Running UCOMP Cookbook dark_80ms_2beam_16sums_BOTH.ckb

Mon Aug 16 18:11:25 GMT 2021 Running UCOMP Cookbook 530_Pol_Calibrate.ckb
Mon Aug 16 18:16:08 GMT 2021 Running UCOMP Cookbook 637_Pol_Calibrate.ckb
Mon Aug 16 18:20:26 GMT 2021 Running UCOMP Cookbook 656_Pol_Calibrate.ckb
Mon Aug 16 18:24:41 GMT 2021 Running UCOMP Cookbook 691_Pol_Calibrate.ckb
Mon Aug 16 18:28:57 GMT 2021 Running UCOMP Cookbook 706_Pol_Calibrate.ckb
Mon Aug 16 18:33:13 GMT 2021 Running UCOMP Cookbook 789_Pol_Calibrate.ckb
Mon Aug 16 18:37:30 GMT 2021 Running UCOMP Cookbook 1074_Pol_Calibrate.ckb

WEATHER COMMENT: mcotter: Mon Aug 16 18:38:21 GMT 2021

Very light wind blowing from the north. Cumulus clouds are rapidly increasing in the Saddle Valley below the observatory level.

____end____

Mon Aug 16 18:41:48 GMT 2021 Running UCOMP Cookbook 1079_Pol_Calibrate.ckb
Mon Aug 16 18:46:13 GMT 2021 Running UCOMP Cookbook 1083_Pol_Calibrate.ckb
Mon Aug 16 18:50:28 GMT 2021 Running UCOMP Cookbook dark_200_200_1sums_80ms.ckb
Mon Aug 16 18:55:30 GMT 2021 Running UCOMP Cookbook all_coronal_7_flats.ckb
Mon Aug 16 19:14:06 GMT 2021 Running UCOMP Cookbook all_coronal_7.ckb
Mon Aug 16 19:33:21 GMT 2021 Running UCOMP Cookbook all_coronal_7.ckb
Mon Aug 16 19:50:39 GMT 2021 Running UCOMP Cookbook all_coronal_7.ckb
Mon Aug 16 19:53:35 GMT 2021 Running UCOMP Cookbook all_coronal_7.ckb
Mon Aug 16 20:12:23 GMT 2021 Running UCOMP Cookbook all_coronal_7.ckb

WEATHER COMMENT: mcotter: Mon Aug 16 20:14:55 GMT 2021

Overhead the sky continues to remain beautifully clear with some lower level Cumulus clouds accumulating in the Saddle Valley below the level of the observatory. The wind continues to be light from the north-northeast.

____end____

Mon Aug 16 20:29:58 GMT 2021 Running UCOMP Cookbook all_coronal_7.ckb
Mon Aug 16 20:33:20 GMT 2021 Running UCOMP Cookbook all_coronal_7.ckb
Mon Aug 16 20:33:32 GMT 2021 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20171025.ini
Mon Aug 16 20:34:45 GMT 2021 Running UCOMP Cookbook 1074_Pol_Calibrate.ckb
Mon Aug 16 20:41:45 GMT 2021 Running UCOMP Cookbook 1074_Pol_Calibrate.ckb
Mon Aug 16 20:45:33 GMT 2021 Running UCOMP Cookbook dark_80ms_2beam_16sums_BOTH.ckb
Mon Aug 16 20:45:55 GMT 2021 Running UCOMP Cookbook 530_Scan.ckb
Mon Aug 16 20:48:48 GMT 2021 KCOR End Calibration Script
Mon Aug 16 20:48:56 GMT 2021 Running UCOMP Cookbook 637_Scan.ckb
Mon Aug 16 20:51:51 GMT 2021 Running UCOMP Cookbook 656_Scan.ckb
Mon Aug 16 20:59:46 GMT 2021 Running UCOMP Cookbook all_coronal_7_flats.ckb
Mon Aug 16 21:18:28 GMT 2021 Running UCOMP Cookbook all_coronal_7.ckb
Mon Aug 16 21:27:47 GMT 2021 UCOMP Paused for clouds

GENERAL COMMENT BY mcotter: Mon Aug 16 22:19:31 GMT 2021

Cumulus clouds moved up from the Saddle Valley below and Altocumulus clouds began forming over the observatory. Kcor and Ucomp were both stopped because of clouds in the viewing area at approximately 11:30am HST.

____end____

GENERAL COMMENT BY mcotter: Mon Aug 16 22:20:46 GMT 2021

The sky is now completely overcast with wisps of fog blowing through the science area. The dome shutter doors and windows are now closed until conditions improve.

____end____

Mon Aug 16 22:21:59 GMT 2021 UCOMP Restarted from pause

WEATHER COMMENT: mcotter: Tue Aug 17 02:00:31 GMT 2021

Temp: 48.2f, Humidity: 87%, Pressure: 28.606in, Wind: 7mph from 319degs, Skies: Skies are completely overcast and have been

n since approximately 12:15pm HST.

____end____

GENERAL COMMENT BY mcotter: Tue Aug 17 02:01:10 GMT 2021

I emptied the trash in the control room.

____end____

WEATHER COMMENT: mcotter: Tue Aug 17 02:33:00 GMT 2021

Dense fog with light steady rain.

____end____

ONSITE STAFF: mcotter