
Mauna Loa Solar Observatory Observer's Log

Mon Sep 20 17:11:15 GMT 2021

Year: 21 Doy: 263

Observer: mlso

Mon Sep 20 17:19:35 GMT 2021 Kcor Focus/alignment program exited

WEATHER COMMENT: mcotter: Mon Sep 20 17:21:38 GMT 2021

Temp: 50.7f, Humidity: 12%, Pressure: 28.637in, Wind: 2mph from 186degs, Skies: Rain, mist and light fog in the Saddle Valley up to approximately 7000' level. Scattered Cirrus clouds across the sky. No discernible inversion layer visible on the horizon.

____end____

GENERAL COMMENT BY mcotter: Mon Sep 20 17:21:44 GMT 2021

Opened windows upstairs

____end____

GENERAL COMMENT BY mcotter: Mon Sep 20 17:21:51 GMT 2021

PM Blew off UCoMP O1

____end____

GENERAL COMMENT BY mcotter: Mon Sep 20 17:21:58 GMT 2021

PM Blew off Kcor O1

____end____

KCOR COMMENT BY mcotter: Mon Sep 20 17:23:09 GMT 2021

Skies are bright with Cirrus clouds scattered across the sky. Cannot run Kcor at this time.

____end____

UCoMP COMMENT BY mcotter: Mon Sep 20 17:25:04 GMT 2021

Tried running Ucomp but the sky is too bright at this time.

____end____

Mon Sep 20 19:59:37 GMT 2021 Kcor Focus/alignment program exited

WEATHER COMMENT: mcotter: Mon Sep 20 20:01:59 GMT 2021

The skies are still quite overcast with scattered high altitude Cirrus and Cirrostratus clouds. Still no observing at this time.

____end____

GENERAL COMMENT BY mcotter: Mon Sep 20 20:17:32 GMT 2021

The dome is still open, though the instruments are still idle. I have been watching the sky and Yawcam Preview GUI to see if the sky has improved enough to observe, but it is still too bright.

____end____

Mon Sep 20 20:22:43 GMT 2021 Kcor Focus/alignment program exited

KCOR COMMENT BY mcotter: Mon Sep 20 20:25:15 GMT 2021

Kcor now running.

SGS offsets: X(RA): -140, Y(Dec): 65.

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

____end____

KCOR COMMENT BY mcotter: Mon Sep 20 20:29:50 GMT 2021

Kcor again idle due to clouds in the viewing area.

____end____

GENERAL COMMENT BY mcotter: Mon Sep 20 20:33:04 GMT 2021

I started both Kcor and Ucomp instruments as the sky did clear a bit and I thought there was a window that I could observe, but the Cirrus came back into view within minutes and I again had to shut down the instruments.

___end___

Mon Sep 20 21:01:29 GMT 2021 Running UCOMP Cookbook dark_80ms_2beam_16sums_BOTH.ckb line 0

Mon Sep 20 21:02:54 GMT 2021 Running UCOMP Cookbook 530_Scan.ckb line 0

Mon Sep 20 21:05:21 GMT 2021 UCoMP Paused for clouds

Mon Sep 20 21:22:02 GMT 2021 UCoMP Restarted from pause

Mon Sep 20 21:22:17 GMT 2021 Running UCOMP Cookbook all_coronal_7_flats-withocculter.ckb line 0

WEATHER COMMENT: mcotter: Mon Sep 20 23:09:29 GMT 2021

Orthographic clouds have moved into the area of the observatory and are now obscuring the viewing area.

___end___

WEATHER COMMENT: mcotter: Tue Sep 21 00:21:15 GMT 2021

The sky has become almost completely overcast and a light fog is beginning to blow through the science area.

___end___

GENERAL COMMENT BY mcotter: Tue Sep 21 00:22:12 GMT 2021

The dome shutter doors and windows have been closed due to overcast skies and the possibility of precipitation.

___end___

GENERAL COMMENT BY mcotter: Tue Sep 21 02:55:06 GMT 2021

The day started with high altitude Cirrus clouds scattered across most of the sky. During the day it seemed like the clouds were beginning to break up, but the sky remained much too bright to do any observing.

___end___

GENERAL COMMENT BY mcotter: Tue Sep 21 02:55:31 GMT 2021

Emptied trash receptacle in the control room.

___end___

ONSITE STAFF: berkey, mcotter