
Mauna Loa Solar Observatory Observer's Log

Thu Jun 17 16:38:35 GMT 2021

Year: 21 Doy: 168

Observer: mlso

WEATHER COMMENT: mcotter: Thu Jun 17 16:42:40 GMT 2021

Temp: 38.5f, Humidity: 59%, Pressure: 28.794in, Wind: 6mph from 174degs, Skies: Heavy rain in Hilo. Dense fog in the Saddle Valley to approximately 7,000' level. Wet roads to approximately 9,000' level. Hazy skies with a thick inversion layer visible on the horizon above Haleakala. High altitude Cirrocumulus clouds spreading across the sky from the west.

____end____

Thu Jun 17 16:51:40 GMT 2021 Kcor Focus/alignment program exited

GENERAL COMMENT BY mcotter: Thu Jun 17 16:52:20 GMT 2021

Opened windows upstairs

____end____

GENERAL COMMENT BY mcotter: Thu Jun 17 16:52:27 GMT 2021

PM Blew off Kcor 01

____end____

GENERAL COMMENT BY mcotter: Thu Jun 17 16:52:35 GMT 2021

PM Blew off UCOMP 01

____end____

KCOR COMMENT BY mcotter: Thu Jun 17 16:54:50 GMT 2021

I tried starting Kcor but the sky is much too bright and High altitude Cirrocumulus clouds have already begun to creep into the Yawcam Preview Cam from the west.

____end____

GENERAL COMMENT BY mcotter: Thu Jun 17 16:55:52 GMT 2021

I am going to leave the dome open for now in the hope that conditions may improve.

____end____

Thu Jun 17 17:38:09 GMT 2021 Kcor Focus/alignment program exited

Thu Jun 17 19:52:20 GMT 2021 Kcor Focus/alignment program exited

KCOR COMMENT BY mcotter: Thu Jun 17 20:10:41 GMT 2021

The sky is still bright but I was able to run the focus routine and get a decent parabola. I started Kcor but when I checked the polarization in beam the sequence came out Mid, Dark, Bright, Mid. I tired shutting the program down twice but it still would not correct the polarization. I power cycled the Kcor computer and when it came back up the MC4U dialogue box came up with the following error messages.

EPDU-UP2 telenet port open by another process

EPDU-UP1 telenet port open by another process

EPDU-DOWN teleport open by another process

I tried multiple times clearing the error messages but the messages kept popping up. I tried several time power cycling the computer, but nothing worked. I called Ben and he had me power cycle the D-LINK Switch and also power cycle the NEMA control units in the dome but that did not work either. While following Ben's instructions over the phone he had me verify all the network ports but this did not work either. Ben told me at this point that he would need to de-bug the system himself and we hung up. I continued by verifying all the ethernet port connections and they all seemed to be fine.

Though that I could not get the MC4U program to function properly, I was able to get the cover out of the beam so I was going to attempt to run Kcor and see if it would work without the MC4U program but by this time the sky was again covered in clouds .

____end____

WEATHER COMMENT: mcotter: Thu Jun 17 20:51:13 GMT 2021

Cloud coverage has greatly increased and the sky is mostly overcast with darkening clouds.

___end___

GENERAL COMMENT BY mcotter: Thu Jun 17 20:52:14 GMT 2021

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

___end___

WEATHER COMMENT: mcotter: Thu Jun 17 21:57:48 GMT 2021

Dense fog with rain and drizzle.

___end___

GENERAL COMMENT BY mcotter: Thu Jun 17 22:10:40 GMT 2021

The day started off with high altitude Cirrocumulus clouds covering the sky. After an hour or so the sky seemed to be bright but it appeared that the clouds had moved out of the viewing area. I tried starting Kcor but the MC4U program crashed and I was unable to get it working. The period of time that the sky seemed to be clear was short and Altocumulus clouds quickly began to form and with in a short period of time the sky was totally overcast.

No data today.

___end___

ONSITE STAFF: mcotter