
Mauna Loa Solar Observatory Observer's Log

Sat Apr 17 16:29:47 GMT 2021

Year: 21 Doy: 107

Observer: mlso

WEATHER COMMENT: mcotter: Sat Apr 17 16:32:24 GMT 2021

Temp: 39.1f, Humidity: 11%, Pressure: 28.631in, Wind: 13mph from 219degs, Skies: Relatively clear skies but the inversion layer is visible above Maunakea and high altitude Cirrus is visible to the north. Moderate breeze blowing from the southwest and it feels very cold at the station.

____end____

GENERAL COMMENT BY mcotter: Sat Apr 17 16:40:19 GMT 2021

Opened windows upstairs

____end____

GENERAL COMMENT BY mcotter: Sat Apr 17 16:40:27 GMT 2021

PM Blew off Kcor O1

____end____

Sat Apr 17 17:11:35 GMT 2021 Kcor Focus/alignment program exited

Sat Apr 17 17:15:35 GMT 2021 Kcor Focus/alignment program exited

GENERAL COMMENT BY mcotter: Sat Apr 17 17:19:58 GMT 2021

Sky is a little bright. I had to run the focus routine a several times before a decent parabola was obtained.

SGS off sets: X(RA): -104, Y(Dec): 41.

Checked Polarization: Mid, Bright, Dark, Mid.

____end____

****Possible CME in Progress mcotter**** : Sat Apr 17 18:10:28 GMT 2021

Possible CME seen launching near PA:310 deg at time 1720 UT

____end____

****Possible CME in Progress mcotter**** : Sat Apr 17 18:12:16 GMT 2021

Possible CME seen launching near PA:90 deg at time 1750 UT

____end____

Sat Apr 17 20:40:18 GMT 2021 Kcor Focus/alignment program exited

GENERAL COMMENT BY mcotter: Sat Apr 17 23:21:37 GMT 2021

Unfortunately Orthographic clouds have moved in from the west-northwest and are obscuring the viewing area.

Kcor is stopped until conditions improve.

____end____

GENERAL COMMENT BY mcotter: Sat Apr 17 23:47:56 GMT 2021

Cloud coverage is increasing. The dome shutter doors are now closed in the event of precipitation.

____end____

GENERAL COMMENT BY mcotter: Sun Apr 18 00:59:39 GMT 2021

I opened the dome shutter doors and tried to restart Kcor but clouds quickly came in from the west and began blocking the view of the Sun. In addition to the Orthographic clouds from the west, high altitude Cirrus clouds have increased and are now quite prevalent from zenith and across the western sky to the horizon.

____end____

GENERAL COMMENT BY mcotter: Sun Apr 18 01:58:45 GMT 2021

The morning was nice and clear but clouds moved into the viewing area in the early afternoon and conditions continued to degrade for the rest of the day.

____end____

ONSITE STAFF: mcotter