
Mauna Loa Solar Observatory Observer's Log

Mon Jan 18 17:42:06 GMT 2021

Year: 21 Doy: 018

Observer: mlso

WEATHER COMMENT: mcotter: Mon Jan 18 17:48:34 GMT 2021

Temp: 35.3f, Humidity: 43%, Pressure: 28.723in, Wind: 10mph from 213degs, Skies: Clear skies overhead but thick cloud coverage to the east and west. Hazy with thin clouds in the Saddle Valley. Inversion layer visible on the horizon at or above Maunakea. Frosty road conditions with patches of ice above approximately 10,000'. Boardwalk to observatory and front platform icy.

___end___

Mon Jan 18 18:11:03 GMT 2021 Kcor Focus/alignment program exited

GENERAL COMMENT BY mcotter: Mon Jan 18 18:13:18 GMT 2021

Opened windows upstairs

___end___

GENERAL COMMENT BY mcotter: Mon Jan 18 18:13:24 GMT 2021

PM Blew off Kcor 01

___end___

GENERAL COMMENT BY mcotter: Mon Jan 18 18:14:32 GMT 2021

Kcor is now running. Verified Polarizer in beam; Mid, Bright, Dark, Mid.

___end___

GENERAL COMMENT BY mcotter: Mon Jan 18 18:16:02 GMT 2021

Sky seems a little bright. I could see faint traces of aerosols in the focus image, but the small Kcor images look good.

___end___

Mon Jan 18 19:33:50 GMT 2021 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20171025.ini

Mon Jan 18 19:49:05 GMT 2021 KCOR End Calibration Script

WEATHER COMMENT: mcotter: Mon Jan 18 20:48:47 GMT 2021

Temp: 43.2f, Humidity: 77%, Pressure: 28.731in, Wind: 10mph from 304degs, Skies: Orographic clouds have moved in from the north and west and are now covering the observatory. Kcor is now paused and the dome shutter doors are now closed.

___end___

GPS COMMENT by MLSO: Mon Jan 18 21:45:08 GMT 2021

Successfully logged in to system

Unable to mount disk

GPS software failure to start

___end___

WEATHER COMMENT: mcotter: Mon Jan 18 21:51:09 GMT 2021

Temp: 39.2f, Humidity: 98%, Pressure: 28.706in, Wind: 4mph from 329degs, Skies: Gray overcast skies with steady rain falling. Dense fog has moved in over the Maunaloa summit.

___end___

WEATHER COMMENT: mcotter: Mon Jan 18 23:07:07 GMT 2021

Temp: 41.1f, Humidity: 100%, Pressure: 28.652in, Wind: 2mph from 350degs, Skies: Overcast skies with dense fog and little visibility; < 50'.

___end___

GENERAL COMMENT BY mcotter: Tue Jan 19 00:50:21 GMT 2021

Heavy cloud cover over most of the sky with thunder being heard to the north, northwest .

___end___

GENERAL COMMENT BY mcotter: Tue Jan 19 02:02:58 GMT 2021

Started out nice and clear but clouds moved in quickly at around 10:40am HST and Kcor was stopped. It became very overcast with hard rain, fog and thunder.

___end___

ONSITE STAFF: mcotter