
Mauna Loa Solar Observatory Observer's Log

Thu Feb 25 17:03:16 GMT 2021

Year: 21 Doy: 056

Observer: mlso

WEATHER COMMENT: mcotter: Thu Feb 25 17:06:49 GMT 2021

Temp: 32.8f, Humidity: 19%, Pressure: 28.72in, Wind: 14mph from 153degs, Skies: Feels cold, with steady wind from the south, southeast. Skies are clear overhead. Light pinkish gray inversion layer visible on horizon at the level of Maunakea.

____end____

GENERAL COMMENT BY mcotter: Thu Feb 25 17:46:48 GMT 2021

Opened windows upstairs

____end____

GENERAL COMMENT BY mcotter: Thu Feb 25 17:46:54 GMT 2021

PM Blew off Kcor 01

____end____

Thu Feb 25 17:47:15 GMT 2021 Kcor Focus/alignment program exited

GENERAL COMMENT BY mcotter: Thu Feb 25 17:48:56 GMT 2021

Kcor running. Checked Polarization; Mid, Bright, Dark, Mid.

____end____

GENERAL COMMENT BY mcotter: Thu Feb 25 17:51:21 GMT 2021

SGS Guider Offsets; X(RA): -103, Y(Dec): 47.

____end____

GENERAL COMMENT BY mcotter: Thu Feb 25 19:34:18 GMT 2021

The Kcor image shows that the sky has become excessively bright. Kcor has been paused until conditions improve.

____end____

Thu Feb 25 19:38:13 GMT 2021 Kcor Focus/alignment program exited

GENERAL COMMENT BY mcotter: Thu Feb 25 19:48:14 GMT 2021

Kcor again running. Wisps of Cirrus clouds are forming in the sky, but mostly to the west of where we are currently viewing. Altocumulus clouds have formed along the eastern slope of Maunaloa and seems to be slowly advancing. There are a lot of aerosols in the Kcor images, but they seem to come and go. I am going to let Kcor continue to run and monitor the images.

If the images seem to be mostly acceptable I'll let it continue, but if the images become excessive with the aerosols I'll pause Kcor again.

____end____

GENERAL COMMENT BY mcotter: Thu Feb 25 20:03:43 GMT 2021

Kcor paused. The images became excessively bright. I checked the sky outside and could see that Altocumulus clouds were forming over the observatory, and aerosols were visible while looking out of the dome at the sky. I also could feel a light mist in the air. I shut the dome shutter doors and windows and will wait for conditions to improve.

____end____

GENERAL COMMENT BY mcotter: Thu Feb 25 23:51:56 GMT 2021

The sky continues to be overcast with increasing cloud coverage all over the summit and particularly dark gray clouds to the south, west and north.

____end____

GENERAL COMMENT BY mcotter: Fri Feb 26 00:16:07 GMT 2021

Leaving early today.

____end____

ONSITE STAFF: mcotter