
Mauna Loa Solar Observatory Observer's Log

Mon Jan 11 17:47:35 GMT 2021

Year: 21 Doy: 011

Observer: mlso

WEATHER COMMENT: mcotter: Mon Jan 11 17:53:17 GMT 2021

Temp: 43.2f, Humidity: 1%, Pressure: 28.807in, Wind: 15mph from 126degs, Skies: Overcast with Altostratus/Nimbostratus clouds covering most of the sky. Gusty winds out of the southeast. Foggy conditions in the Saddle Valley up to approximately 8000'.

____end____

GENERAL COMMENT BY mcotter: Mon Jan 11 18:00:30 GMT 2021

Inversion layer visible on horizon just below Haleakala. Keeping the dome closed until conditions improve.

____end____

KCOR COMMENT BY berkey: Mon Jan 11 20:08:47 GMT 2021

Kcor occulter swapped to the new tapered winter occulter size.

OC-1017.9" TAPERED

____end____

GENERAL COMMENT BY berkey: Mon Jan 11 20:08:53 GMT 2021

PM Blew off Kcor Field Lens

____end____

GPS COMMENT by MLSO: Mon Jan 11 21:45:08 GMT 2021

Successfully logged in to system

Unable to mount disk

GPS software failure to start

____end____

UCoMP COMMENT BY Observer: Mon Jan 11 22:40:36 GMT 2021

While it was cloudy this morning.

Installed UCoMP filterwheel. Some creativity was needed with the fasteners to install the FW with the modulator and lyot filter installed. We are now using 2 screws to attach the SX wheel to the HAO mounting block and one of the screws had to be cut short to fit. The cut screw is very difficult to tighten.

Further cabling on the standa stages and piggy back enclosure.

____end____

KCOR COMMENT BY Observer: Mon Jan 11 23:53:50 GMT 2021

Window between clouds looked to short to run a focus routine. Taking an approx focus position from yesterdays fits headers.

____end____

Mon Jan 11 23:56:07 GMT 2021 KCOR Start Synoptic Patrol

Mon Jan 11 23:59:57 GMT 2021 KCOR End Patrol

Tue Jan 12 00:00:06 GMT 2021 KCOR End Patrol

GENERAL COMMENT BY Observer: Tue Jan 12 02:59:55 GMT 2021

Mostly overcast all day. The small breaks in the clouds did not provide ample opportunity to run Kcor.

No data today.

____end____

ONSITE STAFF: