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Mauna Loa Solar Observatory Observer's Log  
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Sat Feb 13 17:41:37 GMT 2021

Year: 21 Doy: 044

Observer: mlso

WEATHER COMMENT: mcotter: Sat Feb 13 17:43:38 GMT 2021

Temp: 43.5f, Humidity: 12%, Pressure: 28.652in, Wind: 23mph from 124degs, Skies: Fog and wet roads up to approximately 800 0' level. Clear skies overhead with Altostratus clouds in the Saddle Valley.

\_\_\_\_end\_\_\_\_

GENERAL COMMENT BY mcotter: Sat Feb 13 17:55:03 GMT 2021

Opened windows upstairs

\_\_\_\_end\_\_\_\_

GENERAL COMMENT BY mcotter: Sat Feb 13 17:55:10 GMT 2021

PM Blew off Kcor 01

\_\_\_\_end\_\_\_\_

Sat Feb 13 18:02:10 GMT 2021 Kcor Focus/alignment program exited

GENERAL COMMENT BY mcotter: Sat Feb 13 18:07:46 GMT 2021

Kcor running. Checked Polarization: Mid, Bright Dark, Mid. SGS Guider Zero-Point Offsets; X(RA): -105, Y(Dec): 50

\_\_\_\_end\_\_\_\_

GENERAL COMMENT BY mcotter: Sat Feb 13 18:37:54 GMT 2021

A large artifact is visible on Kcor image. I checked the 01 lens again and I saw a new artifact on the lens. After blowing off the lens I can still see that a couple of artifacts will not come off with the compressed air. The artifacts are located at approximately the 5:00 o'clock position when looking at the lens. The large artifact that I saw on the Kcor image has now gone away, so the lens blowing seems to have helped.

\_\_\_\_end\_\_\_\_

Sat Feb 13 20:01:53 GMT 2021 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20171025.ini

Sat Feb 13 20:17:08 GMT 2021 KCOR End Calibration Script

GENERAL COMMENT BY mcotter: Sun Feb 14 00:08:43 GMT 2021

The weather is beginning to change with wisps of Cumulus and Altocumulus cumulus clouds forming and passing by over the observatory and viewing area. Aerosols have increase dramatically and the Kcor stand alone images have become over saturated. Light mist and precipitation can be felt in the wind outside. I have stopped Kcor for now and have closed the dome until conditions improve.

\_\_\_\_end\_\_\_\_

GENERAL COMMENT BY mcotter: Sun Feb 14 00:38:23 GMT 2021

Clouds are increasing to the north, east, south and west but the sky over the observatory and in the viewing area is clear. All precipitation has stopped. Kcor is now running.

\_\_\_\_end\_\_\_\_

GENERAL COMMENT BY mcotter: Sun Feb 14 01:15:01 GMT 2021

Kcor stand alone image has become over saturated. Clouds have moved in from the east and north. Orthographic clouds are moving in rapidly from the south and west. Light mist and precipitation can be felt in the wind outside. Kcor is stopped and the dome has been closed.

\_\_\_\_end\_\_\_\_

GENERAL COMMENT BY mcotter: Sun Feb 14 01:36:12 GMT 2021

Leaving early to take e-wast to recyclers.

\_\_\_\_end\_\_\_\_

ONSITE STAFF: mcotter