
Mauna Loa Solar Observatory Observer's Log

Sat Aug 8 16:59:33 GMT 2020

Year: 20 Doy: 221

Observer: mcotter

WEATHER COMMENT: mcotter: Sat Aug 08 16:59:38 GMT 2020

Temp: 46.0f, Humidity: 47%, Pressure: 28.727in, Wind: 10mph from 130deg, Skies: Generally clear with some high altitude clouds on the horizon. Pinkish brown inversion layer clearly seen above Haleakala.

____end____

GENERAL COMMENT BY mcotter: Sat Aug 08 16:59:46 GMT 2020

Opened windows upstairs

____end____

GENERAL COMMENT BY mcotter: Sat Aug 08 16:59:57 GMT 2020

PM Blew off Kcor 01

____end____

GENERAL COMMENT BY mcotter: Sat Aug 08 17:11:59 GMT 2020

Sky is too bright to start K-cor. Waiting for "washout" of image to diminish.

____end____

Sat Aug 08 19:36:35 GMT 2020 Kcor Focus/alignment program exited

Sat Aug 08 19:37:36 GMT 2020 KCOR Start Synoptic Patrol

GENERAL COMMENT BY mcotter: Sat Aug 08 19:43:14 GMT 2020

Restarted K-cor and had to try auto focus routine several times to achieve a relatively smooth parabola. Image appeared to be getting jostled by gusty winds out of the east.

Partially closed dome windows to prevent image disruption.

____end____

GENERAL COMMENT BY mcotter: Sat Aug 08 19:58:18 GMT 2020

Strong wind gusts out of the east. Closed lower dome shutter door to help prevent wind turbulence in the dome. Wind was so strong that lower dome shutter door slammed shut before cable was fully retracted. Closed all dome windows, as they were not holding their partially open position.

____end____

GPS COMMENT by MLSO: Sat Aug 08 21:45:09 GMT 2020

Successfully logged in to system

Good disk mount

GPS software running

Last 5 GPS data files are:

/mnt/usb/dataoutiq_2020_216_2145.bin 2147483647

/mnt/usb/dataoutiq_2020_217_2145.bin 1405009944

/mnt/usb/dataoutiq_2020_218_2145.bin 2147483647

/mnt/usb/dataoutiq_2020_219_2145.bin 2147483647

/mnt/usb/dataoutiq_2020_220_2145.bin 2147483647

____end____

Sat Aug 08 22:12:05 GMT 2020 KCOR End Patrol

Sat Aug 08 22:12:06 GMT 2020 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20171025.ini

Sat Aug 08 22:27:16 GMT 2020 KCOR End Calibration Script

Sat Aug 08 22:27:33 GMT 2020 KCOR Start Synoptic Patrol

Sat Aug 08 22:27:33 GMT 2020 KCOR Start Synoptic Patrol

Sat Aug 08 22:36:09 GMT 2020 KCOR End Patrol

Sat Aug 08 22:36:14 GMT 2020 KCOR End Patrol

Sat Aug 08 23:16:36 GMT 2020 KCOR Start Synoptic Patrol

Sun Aug 09 02:20:09 GMT 2020 KCOR End Patrol

GENERAL COMMENT BY mcotter: Sun Aug 09 02:27:25 GMT 2020

Skies remained clear but there was a lot of particles and aerosols present in images. Gusty winds were present throughout the day.

____end____

ONSITE STAFF: mcotter, stueben