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Mauna Loa Solar Observatory Observer's Log  
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Sat Sep 5 17:12:48 GMT 2020

Year: 20 Doy: 249

Observer: mlso

WEATHER COMMENT: mcotter: Sat Sep 05 17:15:46 GMT 2020

Temp: 47.6f, Humidity: 44%, Pressure: 28.729in, Wind: 3mph from 238degs, Skies: Skies seem clear but there are very high altitude clouds present, making for a very bright sky. Cannot run k-cor at this time.

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

GENERAL COMMENT BY mcotter: Sat Sep 05 17:15:55 GMT 2020

Opened windows upstairs

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

GENERAL COMMENT BY mcotter: Sat Sep 05 17:17:38 GMT 2020

PM Blew off Kcor O1. Dust artifact present that would not blow off after repeated attempts. Artifact located approximately 10 o'clock position 2" from edge.

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

GENERAL COMMENT BY mcotter: Sat Sep 05 17:18:44 GMT 2020

GONG shack door open.

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

GENERAL COMMENT BY mcotter: Sat Sep 05 17:55:04 GMT 2020

I tried doing the auto focus again but the sky is still extremely bright and aerosols can be clearly seen moving in and out of the viewer. Will try again in a little bit.

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

Sat Sep 05 17:58:08 GMT 2020 Kcor Focus/alignment program exited

GENERAL COMMENT BY mcotter: Sat Sep 05 18:01:34 GMT 2020

I ran the auto focus and got a well shaped parabola. Though the sky is a bit bright I started K-cor. Images are a little bright but will run and hope things improve.

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

WEATHER COMMENT: mcotter: Sat Sep 05 19:29:16 GMT 2020

Skies are improving and are not so bright as they were. I am going to run a calibration.

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

Sat Sep 05 19:29:34 GMT 2020 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20171025.ini

Sat Sep 05 19:44:46 GMT 2020 KCOR End Calibration Script

Sat Sep 05 19:47:15 GMT 2020 KCOR Start Synoptic Patrol

GPS COMMENT by MLSO: Sat Sep 05 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\_244\_2145.bin 2147483647

/mnt/usb/dataoutiq\_2020\_245\_2145.bin 2147483647

/mnt/usb/dataoutiq\_2020\_246\_2145.bin 2147483647

/mnt/usb/dataoutiq\_2020\_247\_2145.bin 2147483647

/mnt/usb/dataoutiq\_2020\_248\_2145.bin 2147483647

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

GENERAL COMMENT BY mcotter: Sat Sep 05 22:06:14 GMT 2020

Sky is very bright. Stopped K-cor

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

WEATHER COMMENT: mcotter: Sat Sep 05 23:29:29 GMT 2020

Temp: 56.6f, Humidity: 46%, Pressure: 28.682in, Wind: 8mph from 24degs, Skies: Clouds coming in from the north. Clouds are also forming on the western slope.

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

GENERAL COMMENT BY mcotter: Sun Sep 06 00:08:10 GMT 2020

Increasing clouds, closed dome shutter doors and windows.

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

GENERAL COMMENT BY mcotter: Sun Sep 06 00:21:28 GMT 2020

Closed GONG Shack door.

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

Sun Sep 06 00:22:11 GMT 2020 Kcor Focus/alignment program exited

GENERAL COMMENT BY mcotter: Sun Sep 06 01:01:18 GMT 2020

The sky was very bright today. Started observing late because of high altitude clouds, but was able to get a couple of hours of observing before sky became too bright again to observe.

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

GENERAL COMMENT BY mcotter: Sun Sep 06 01:01:56 GMT 2020

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

ONSITE STAFF: mcotter