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Mauna Loa Solar Observatory Observer's Log  
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Mon Aug 3 16:20:29 GMT 2020

Year: 20 Doy: 216

Observer: mcotter

WEATHER COMMENT: mcotter: Mon Aug 03 16:20:41 GMT 2020

Temp: 46.2f, Humidity: 5%, Pressure: 28.629in, Wind: 8mph from 170degs, Skies: Clear skies. Pinkish brown inversion layer clearly seen above Haleakala.

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

GENERAL COMMENT BY mcotter: Mon Aug 03 16:34:29 GMT 2020

Opened windows upstairs

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

GENERAL COMMENT BY mcotter: Mon Aug 03 16:34:38 GMT 2020

PM Blew off Kcor 01

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

GENERAL COMMENT BY mcotter: Mon Aug 03 17:19:13 GMT 2020

PM Blew off Kcor 01 Front and Back. Inspected aft end of spar projection and it appears that the artifacts are indeed coming from 01.

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

Mon Aug 03 17:25:53 GMT 2020 Kcor Focus/alignment program exited

Mon Aug 03 17:28:57 GMT 2020 KCOR Start Synoptic Patrol

Mon Aug 03 18:55:37 GMT 2020 KCOR End Patrol

Mon Aug 03 18:55:38 GMT 2020 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20171025.ini

Mon Aug 03 19:10:52 GMT 2020 KCOR End Calibration Script

Mon Aug 03 19:11:09 GMT 2020 KCOR Start Synoptic Patrol

Mon Aug 03 19:11:09 GMT 2020 KCOR Start Synoptic Patrol

GPS COMMENT by MLSO: Mon Aug 03 21:45:10 GMT 2020

Successfully logged in to system

Unable to mount disk

GPS software failure to start

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

Tue Aug 04 00:08:44 GMT 2020 Kcor Focus/alignment program exited

GPS COMMENT by MLSO: Tue Aug 04 00:50:33 GMT 2020

Successfully logged in to system

Good disk mount

GPS software running

Last 5 GPS data files are:

/mnt/usb/dataoutiq\_2020\_213\_1958.bin 2147483647

/mnt/usb/dataoutiq\_2020\_214\_2145.bin 284244432

/mnt/usb/dataoutiq\_2020\_214\_2348.bin 2147483647

/mnt/usb/dataoutiq\_2020\_215\_2348.bin 1285585912

/mnt/usb/dataoutiq\_2020\_216\_2145.bin 432722856

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

GPS COMMENT BY berkey: Tue Aug 04 02:14:11 GMT 2020

Fixed the GPS monitoring script.

It had been looking for the 'mount' command to return text about the /mnt/usb being an ext3 disk however the current disk

is an ext2 so we were getting false warnings about bad mounts. The script now doesn't care about the file system listed in the mount command.

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

\*\*\*\*EVENT COMMENT BY berkey\*\*\*\* : Tue Aug 04 02:19:20 GMT 2020

Prominence eruption was seen in KCOR near PA300 about 1:30UT

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

GENERAL COMMENT BY mcotter: Tue Aug 04 02:22:38 GMT 2020

Sky was clear almost the entire day but there was a lot of stray light in the observations and aerosols and particles were clearly seen throughout the day.

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

ONSITE STAFF: berkey, mcotter