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Mauna Loa Solar Observatory Observer's Log  
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Thu Oct 8 17:09:58 GMT 2020

Year: 20 Doy: 282

Observer: berkey

WEATHER COMMENT: berkey: Thu Oct 08 17:10:06 GMT 2020

Temp: 44.3f, Humidity: 14%, Pressure: 28.689in, Wind: 5mph from 146degs, Skies: clear

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

Thu Oct 08 17:19:52 GMT 2020 Kcor Focus/alignment program exited

GENERAL COMMENT BY berkey: Thu Oct 08 17:19:59 GMT 2020

Opened windows upstairs

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

GENERAL COMMENT BY berkey: Thu Oct 08 17:20:04 GMT 2020

PM Blew off Kcor O1

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

Thu Oct 08 17:25:40 GMT 2020 KCOR Start Synoptic Patrol

Thu Oct 08 17:27:36 GMT 2020 KCOR End Patrol

Thu Oct 08 17:27:44 GMT 2020 KCOR End Patrol

GENERAL COMMENT BY berkey: Thu Oct 08 17:30:12 GMT 2020

PM Blew off Kcor Field Lens

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

Thu Oct 08 17:30:16 GMT 2020 KCOR Start Synoptic Patrol

Thu Oct 08 17:36:16 GMT 2020 KCOR End Patrol

ONSITE STAFF: berkey

GENERAL COMMENT BY berkey: Thu Oct 08 17:46:14 GMT 2020

PM Blew off Kcor Field Lens on the back side. Trying to just blindly blow off the backside without removing the field lens from the telescope.

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

Thu Oct 08 19:07:05 GMT 2020 KCOR Start Synoptic Patrol

Thu Oct 08 19:23:12 GMT 2020 KCOR End Patrol

Thu Oct 08 19:23:12 GMT 2020 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20171025.ini

Thu Oct 08 19:38:28 GMT 2020 KCOR End Calibration Script

Thu Oct 08 19:38:44 GMT 2020 KCOR Start Synoptic Patrol

Thu Oct 08 19:38:44 GMT 2020 KCOR Start Synoptic Patrol

Thu Oct 08 20:22:31 GMT 2020 KCOR End Patrol

Thu Oct 08 20:30:12 GMT 2020 KCOR Start Synoptic Patrol

GENERAL COMMENT BY berkey: Thu Oct 08 20:34:00 GMT 2020

Changed the labview code to hopefully remove an extra 4 bytes from the fits file. Changes take effect in the fits image written at 20:27:42

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

Thu Oct 08 21:00:47 GMT 2020 Kcor Focus/alignment program exited

KCOR COMMENT BY berkey: Thu Oct 08 21:01:36 GMT 2020

Taking a second cal with the new fit file shape/size

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

Thu Oct 08 21:01:42 GMT 2020 KCOR Start Synoptic Patrol

Thu Oct 08 21:01:42 GMT 2020 KCOR End Patrol

Thu Oct 08 21:01:43 GMT 2020 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20171025.ini

Thu Oct 08 21:16:58 GMT 2020 KCOR End Calibration Script  
Thu Oct 08 21:17:15 GMT 2020 KCOR Start Synoptic Patrol  
Thu Oct 08 21:17:15 GMT 2020 KCOR Start Synoptic Patrol  
GPS COMMENT by MLSO: Thu Oct 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\_277\_2145.bin 2147483647

/mnt/usb/dataoutiq\_2020\_278\_2145.bin 2147483647

/mnt/usb/dataoutiq\_2020\_279\_2145.bin 2147483647

/mnt/usb/dataoutiq\_2020\_280\_2145.bin 2147483647

/mnt/usb/dataoutiq\_2020\_281\_2145.bin 2147483647

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

Thu Oct 08 22:17:51 GMT 2020 KCOR End Patrol

Thu Oct 08 22:18:03 GMT 2020 KCOR End Patrol

KCOR COMMENT BY berkey: Thu Oct 08 22:25:57 GMT 2020

Stopping kcor to run with the aerosol code.

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

Thu Oct 08 22:28:22 GMT 2020 KCOR Start Synoptic Patrol

Thu Oct 08 22:28:52 GMT 2020 KCOR End Patrol

Thu Oct 08 23:06:02 GMT 2020 Kcor Focus/alignment program exited

Fri Oct 09 00:32:26 GMT 2020 SGS Alignment complete

GENERAL COMMENT BY berkey: Fri Oct 09 01:09:52 GMT 2020

Fast fog blowing up from the NW

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

GENERAL COMMENT BY berkey: Fri Oct 09 02:09:22 GMT 2020

Got some high aerosol data with the kcor aerosol code this afternoon. Raw data is being copied to dusk.

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

ONSITE STAFF: berkey