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Mauna Loa Solar Observatory Observer's Log  
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Mon Dec 21 17:29:12 GMT 2020

Year: 20 Doy: 356

Observer: berkey

WEATHER COMMENT: berkey: Mon Dec 21 17:29:34 GMT 2020

Temp: 41.2f, Humidity: 25%, Pressure: 28.773in, Wind: 4mph from 122degs, Skies: clear

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

GENERAL COMMENT BY berkey: Mon Dec 21 17:45:02 GMT 2020

PM Blew off Kcor 01

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

GENERAL COMMENT BY berkey: Mon Dec 21 17:45:06 GMT 2020

Opened windows upstairs

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

GENERAL COMMENT BY berkey: Mon Dec 21 18:08:31 GMT 2020

Dec clutch was a little loose. Tightened it up.

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

Mon Dec 21 18:12:52 GMT 2020 Kcor Focus/alignment program exited

Mon Dec 21 19:09:51 GMT 2020 KCOR Start Synoptic Patrol

Mon Dec 21 19:09:52 GMT 2020 KCOR End Patrol

Mon Dec 21 19:09:53 GMT 2020 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20171025.ini

Mon Dec 21 19:25:08 GMT 2020 KCOR End Calibration Script

Mon Dec 21 19:25:24 GMT 2020 KCOR Start Synoptic Patrol

Mon Dec 21 19:25:25 GMT 2020 KCOR Start Synoptic Patrol

Mon Dec 21 19:58:45 GMT 2020 SGS Alignment complete

Mon Dec 21 19:59:35 GMT 2020 Kcor Focus/alignment program exited

Mon Dec 21 20:03:38 GMT 2020 KCOR Start Synoptic Patrol

Mon Dec 21 21:09:07 GMT 2020 KCOR End Patrol

Mon Dec 21 21:11:23 GMT 2020 SGS Alignment complete

Mon Dec 21 21:12:54 GMT 2020 Kcor Focus/alignment program exited

Mon Dec 21 21:15:08 GMT 2020 KCOR Start Synoptic Patrol

GPS COMMENT by MLSO: Mon Dec 21 21:45:11 GMT 2020

Successfully logged in to system

Good disk mount

GPS software running

Last 5 GPS data files are:

/mnt/usb/dataoutiq\_2020\_351\_2338.bin 2147483647

/mnt/usb/dataoutiq\_2020\_352\_2338.bin 2147483647

/mnt/usb/dataoutiq\_2020\_353\_2338.bin 2147483647

/mnt/usb/dataoutiq\_2020\_354\_2338.bin 2147483647

/mnt/usb/dataoutiq\_2020\_355\_2338.bin 2147483647

Disk usage: /dev/sdal 916.9G 292.6G 577.7G 34% /mnt/usb

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

Mon Dec 21 21:50:23 GMT 2020 KCOR End Patrol

Mon Dec 21 21:53:15 GMT 2020 SGS Alignment complete

Mon Dec 21 21:54:03 GMT 2020 Kcor Focus/alignment program exited

GENERAL COMMENT BY berkey: Mon Dec 21 23:35:54 GMT 2020

PM Blew off Kcor O1 front and back

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

GENERAL COMMENT BY berkey: Mon Dec 21 23:35:59 GMT 2020

PM Blew off Kcor Field Lens front and back

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

Mon Dec 21 23:45:19 GMT 2020 Kcor Focus/alignment program exited

KCOR COMMENT BY berkey: Tue Dec 22 00:17:14 GMT 2020

During the kcor cleaning I pulled the O1 front cover off for an inspection, accidentally tore a poron gasket. Part was replaced with a spare from the 2525-SW-4303 bag.

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

Tue Dec 22 00:36:57 GMT 2020 SGS Alignment complete

Tue Dec 22 00:38:42 GMT 2020 Kcor Focus/alignment program exited

GENERAL COMMENT BY berkey: Tue Dec 22 01:29:00 GMT 2020

Tightend the set screw on the DEC worm gear to address some slipping in the DEC drive.

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

GENERAL COMMENT BY berkey: Tue Dec 22 01:33:35 GMT 2020

Blowing fog.

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

ONSITE STAFF: berkey