
Mauna Loa Solar Observatory Observer's Log

Mon Dec 14 16:52:48 GMT 2020

Year: 20 Doy: 349

Observer: lisapg

WEATHER COMMENT: lisapg: Mon Dec 14 17:16:15 GMT 2020

Temp: 38.6f with windspeed at about 12-17mph from the South-Southeast. Besides a few passing wisps to the North of the observatory, sky looks clear.

____end____

GENERAL COMMENT BY lisapg: Mon Dec 14 17:32:47 GMT 2020

PM Blew off Kcor 01

____end____

GENERAL COMMENT BY lisapg: Mon Dec 14 17:32:51 GMT 2020

Opened windows upstairs

____end____

Mon Dec 14 17:54:40 GMT 2020 Kcor Focus/alignment program exited

Mon Dec 14 17:56:54 GMT 2020 KCOR Start Synoptic Patrol

GENERAL COMMENT BY lisapg: Mon Dec 14 18:19:51 GMT 2020

Looks like we we have movement in Northeast and the Southeast limb of the Sun. Will hold off calibrations.

____end____

GENERAL COMMENT BY lisapg: Mon Dec 14 19:28:24 GMT 2020

Small earthquake

____end____

Mon Dec 14 20:16:16 GMT 2020 KCOR End Patrol

Mon Dec 14 20:16:28 GMT 2020 KCOR End Patrol

GENERAL COMMENT BY lisapg: Mon Dec 14 20:17:01 GMT 2020

A combination of orographic clouds and cirrus crossing the Suns' path. Kcor idled for now.

____end____

Mon Dec 14 20:59:03 GMT 2020 Kcor Focus/alignment program exited

Mon Dec 14 21:00:32 GMT 2020 KCOR Start Synoptic Patrol

Mon Dec 14 21:05:37 GMT 2020 KCOR End Patrol

Mon Dec 14 21:05:50 GMT 2020 KCOR End Patrol

Mon Dec 14 21:06:15 GMT 2020 KCOR Start Synoptic Patrol

GENERAL COMMENT BY lisapg: Mon Dec 14 21:06:31 GMT 2020

Pushed through a wispy cloud.

____end____

Mon Dec 14 21:11:45 GMT 2020 KCOR End Patrol

Mon Dec 14 21:11:54 GMT 2020 KCOR End Patrol

Mon Dec 14 21:14:27 GMT 2020 KCOR Start Synoptic Patrol

Mon Dec 14 21:15:03 GMT 2020 KCOR End Patrol

Mon Dec 14 21:15:11 GMT 2020 KCOR End Patrol

GENERAL COMMENT BY lisapg: Mon Dec 14 21:15:26 GMT 2020

Swimming in and out of clouds.

____end____

Mon Dec 14 21:18:38 GMT 2020 KCOR Start Synoptic Patrol

Mon Dec 14 21:20:49 GMT 2020 KCOR End Patrol

Mon Dec 14 21:21:00 GMT 2020 KCOR End Patrol

****Possible CME in Progress lisapg**** : Mon Dec 14 21:35:02 GMT 2020
Possible CME seen launching near PA:50-70 starting at 18:00:13UT and possibly a second one at PA 55-65 at 19:22:09UT.
____end____

****EVENT COMMENT BY lisapg**** : Mon Dec 14 21:36:26 GMT 2020
An eruptive prominence can be seen in both GONG and KCor starting at 21:02:01 UTC in KCor.
____end____

****EVENT COMMENT BY lisapg**** : Mon Dec 14 21:37:38 GMT 2020
Correction: An eruptive prominence can be seen in both GONG and KCor starting at 21:02:01 UTC in KCor between PA 270-280.
____end____

GPS COMMENT by MLSO: Mon Dec 14 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_344_2338.bin 2147483647

/mnt/usb/dataoutiq_2020_345_2338.bin 2147483647

/mnt/usb/dataoutiq_2020_346_2338.bin 2147483647

/mnt/usb/dataoutiq_2020_347_2338.bin 2147483647

/mnt/usb/dataoutiq_2020_348_2338.bin 2147483647

Disk usage: /dev/sdal 916.9G 277.9G 592.4G 32% /mnt/usb

____end____

Mon Dec 14 21:47:10 GMT 2020 Kcor Focus/alignment program exited

****Possible CME in Progress lisapg**** : Mon Dec 14 21:51:18 GMT 2020

An EPL can be seen launching between PA:270-280 at time 21:02:01UT

____end____

GENERAL COMMENT BY lisapg: Mon Dec 14 22:08:02 GMT 2020

Some of the clouds look a bit dark and just off to the South west, it looks like it might be raining; closing the dome just in case.

____end____

GENERAL COMMENT BY lisapg: Tue Dec 15 01:57:02 GMT 2020

Unfortunately, cirrus has covered the sky. So no afternoon data.

____end____

ONSITE STAFF: lisapg