
Mauna Loa Solar Observatory Observer's Log

Tue Apr 28 15:31:15 GMT 2020

Year: 20 Doy: 119

Observer: waters

WEATHER COMMENT: waters: Tue Apr 28 16:14:23 GMT 2020

Temp: 39.2f with windspeed at about 5-10mph from the South-Southeast. Sky clear at present.

____end____

GENERAL COMMENT BY waters: Tue Apr 28 16:28:16 GMT 2020

PM Blew off Kcor 01

____end____

GENERAL COMMENT BY waters: Tue Apr 28 16:28:26 GMT 2020

Windows opened upstairs

____end____

Tue Apr 28 16:58:38 GMT 2020 Kcor Focus/alignment program exited

Tue Apr 28 17:00:59 GMT 2020 KCOR Start Synoptic Patrol

Tue Apr 28 19:31:33 GMT 2020 KCOR End Patrol

Tue Apr 28 19:31:34 GMT 2020 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20171025.ini

Tue Apr 28 19:46:49 GMT 2020 KCOR End Calibration Script

Tue Apr 28 19:47:05 GMT 2020 KCOR Start Synoptic Patrol

Tue Apr 28 19:47:06 GMT 2020 KCOR Start Synoptic Patrol

Tue Apr 28 21:06:42 GMT 2020 KCOR End Patrol

Tue Apr 28 21:06:50 GMT 2020 KCOR End Patrol

Tue Apr 28 21:07:21 GMT 2020 KCOR Start Synoptic Patrol

GONG COMMENT BY waters: Tue Apr 28 21:10:07 GMT 2020

Went down to the shelter and opened the door.

____end____

GENERAL COMMENT BY waters: Tue Apr 28 21:10:37 GMT 2020

Between 21:03:01 UT - 21:07:19 UT, the dec went out of sync and didn't bring itself back. Unfortunately, I was in the restroom and wasn't able to correct it until I came back up.

____end____

GPS COMMENT by MLSO: Tue Apr 28 21:45:06 GMT 2020

Successfully logged in to system

Good disk mount

GPS software running

Last 5 GPS data files are:

/mnt/usb/dataoutiq_2020_070_2145.bin 1848171304

/mnt/usb/dataoutiq_2020_071_2145.bin 0

/mnt/usb/dataoutiq_2020_072_2145.bin 0

/mnt/usb/dataoutiq_2020_073_2145.bin 0

/mnt/usb/dataoutiq_2020_074_1917.bin 2147483647

____end____

Tue Apr 28 22:02:16 GMT 2020 KCOR End Patrol

Tue Apr 28 22:05:06 GMT 2020 KCOR Start Synoptic Patrol

KCOR COMMENT BY waters: Tue Apr 28 22:06:25 GMT 2020

NRGF showed starting at 21:08:05 UT that the polarization state was wrong. Usually I see the change in the regular stream and not the NRGFs but this time the stream data looks normal all the way up until I stopped and restarted Kcor. Another thing to note, this happened right after the drift issue with the DEC.

____end____

Wed Apr 29 01:25:27 GMT 2020 KCOR End Patrol

GENERAL COMMENT BY waters: Wed Apr 29 01:25:17 GMT 2020

Sky has gotten too bright. Stopping Kcor

____end____

GENERAL COMMENT BY waters: Wed Apr 29 01:39:04 GMT 2020

Data was good today, except in the afternoon when the aerosols go bad and the sky too bright.

____end____

KCOR COMMENT BY waters: Wed Apr 29 01:39:27 GMT 2020

Oculller for Kcor was not changed today.

____end____

ONSITE STAFF: waters