
Mauna Loa Solar Observatory Observer's Log

Tue May 19 15:29:08 GMT 2020

Year: 20 Doy: 140

Observer: waters

WEATHER COMMENT: waters: Tue May 19 16:12:58 GMT 2020

Temp: 45.5f with windspeed at about 10-15mph from the Southeast. Sky looks clear.

____end____

GENERAL COMMENT BY waters: Tue May 19 16:20:08 GMT 2020

PM Blew off Kcor 01

____end____

GENERAL COMMENT BY waters: Tue May 19 16:20:16 GMT 2020

Windows opened upstairs

____end____

Tue May 19 16:53:40 GMT 2020 Kcor Focus/alignment program exited

Tue May 19 16:56:21 GMT 2020 KCOR Start Synoptic Patrol

GENERAL COMMENT BY waters: Tue May 19 19:30:01 GMT 2020

Holding off calibrations as it looks like something may be happening in the Northeast quadrant of the Sun.

____end____

Tue May 19 20:46:38 GMT 2020 KCOR Start Synoptic Patrol

KCOR COMMENT BY waters: Tue May 19 20:48:18 GMT 2020

From 20:24:50 UTC to 20:46:24 UTC KCor was in the wrong polarization state. Stopping and restarting has fixed it.

____end____

Tue May 19 21:31:22 GMT 2020 KCOR End Patrol

Tue May 19 21:31:26 GMT 2020 KCOR End Patrol

Tue May 19 21:32:42 GMT 2020 KCOR Start Synoptic Patrol

GENERAL COMMENT BY waters: Tue May 19 21:33:09 GMT 2020

Dec error started going out to above and below 100. Took a while of going between open loop and closed loop to bring it back on the Sun.

____end____

GPS COMMENT by MLSO: Tue May 19 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_133_2146.bin 2147483647

/mnt/usb/dataoutiq_2020_134_2146.bin 2147483647

/mnt/usb/dataoutiq_2020_135_2146.bin 2147483647

/mnt/usb/dataoutiq_2020_136_2146.bin 2147483647

/mnt/usb/dataoutiq_2020_137_2146.bin 2147483647

____end____

GENERAL COMMENT BY waters: Tue May 19 23:23:03 GMT 2020

Some bullet holes have appeared. Going to try and address them.

____end____

Tue May 19 23:23:13 GMT 2020 KCOR End Patrol

Tue May 19 23:23:26 GMT 2020 KCOR End Patrol

Tue May 19 23:29:56 GMT 2020 KCOR Start Synoptic Patrol

Tue May 19 23:31:28 GMT 2020 KCOR End Patrol

Tue May 19 23:31:32 GMT 2020 KCOR End Patrol

GENERAL COMMENT BY waters: Tue May 19 23:34:08 GMT 2020

Some clouds passing and some of it is low, Kcor stopped and domes closed just in case.

____end____

GENERAL COMMENT BY waters: Tue May 19 23:35:50 GMT 2020

Seems like blowing off the 01 got rid of the two bullet holes in the Northeast and Southeast.

____end____

Wed May 20 00:17:48 GMT 2020 KCOR Start Synoptic Patrol

GONG COMMENT BY waters: Wed May 20 00:33:53 GMT 2020

Went down to the GONG shelter and opened the door as the temp_ins was about to go red.

____end____

Wed May 20 02:22:16 GMT 2020 KCOR End Patrol

GENERAL COMMENT BY waters: Wed May 20 02:29:50 GMT 2020

Besides a bit of clouds for about 45 minutes, it was a good day to take data.

____end____

ONSITE STAFF: waters