
Mauna Loa Solar Observatory Observer's Log

Fri Oct 9 16:52:34 GMT 2020

Year: 20 Doy: 283

Observer: mlso

KCOR COMMENT BY mlso: Fri Oct 9 16:52:38 GMT 2020

New kcor camera lookup tables 20201009 were installed. These tables are nearly identical to the last set of tables but no the camera column shifts.

This changed is based on the discovery yesterday that the 2 pixel column shift we saw in the L0 data was coming from the L0 file creation and now the way we read out and applied the lookup tables to the raw data while we were summing the images together. Making this switch should mean that we are now applying the Adc0 lookup table to ADC0 and not ADC2.

____end____

WEATHER COMMENT: lisapg: Fri Oct 9 16:55:40 GMT 2020

Temp 40F with windspeed at about 3-8mph from the South. Sky looks clear.

____end____

GENERAL PROBLEM COMMENT BY lisapg : Fri Oct 9 17:01:01 GMT 2020

Was having trouble logging into our logger on the Shabar laptop this morning. Ben looked into it and the connection kept timing out. Ben has put in an assist ticket and we're hoping to get this resolved soon. Currently ssh on Kcor computer, old school.

____end____

GENERAL OBSERVATORY COMMENT BY lisapg: Fri Oct 9 17:03:11 GMT 2020

Spar camera was out of alignment this morning. Once the spar was tracking, it was moved gently back into place.

____end____

KCOR COMMENT BY lisapg: Fri Oct 9 17:15:05 GMT 2020

Kcor above dome

____end____

Fri Oct 09 17:17:00 GMT 2020 Kcor Focus/alignment program exited

Fri Oct 09 17:19:19 GMT 2020 KCOR Start Synoptic Patrol

GENERAL OBSERVATORY COMMENT BY lisapg: Fri Oct 9 18:50:15 GMT 2020

Going to hold off on calibration for Kcor as it looks like something is going on between PA 290-295.

____end____

Fri Oct 09 20:04:25 GMT 2020 KCOR End Patrol

Fri Oct 09 20:04:26 GMT 2020 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20171025.ini

Fri Oct 09 20:19:41 GMT 2020 KCOR End Calibration Script

Fri Oct 09 20:19:58 GMT 2020 KCOR Start Synoptic Patrol

Fri Oct 09 20:19:58 GMT 2020 KCOR Start Synoptic Patrol

Fri Oct 09 20:36:09 GMT 2020 KCOR End Patrol

KCOR COMMENT BY lisapg: Fri Oct 9 20:37:17 GMT 2020

Kcor got into a bad polarization state just before I took the calibration. Stopping and restarting it seems to have crashed Kcor Synoptic GUI altogether.

____end____

KCOR COMMENT BY lisapg: Fri Oct 9 20:44:04 GMT 2020

Kcor started up in the wrong state

____end____

Fri Oct 09 20:46:30 GMT 2020 KCOR Start Synoptic Patrol

KCOR COMMENT BY lisapg: Fri Oct 9 20:46:46 GMT 2020

Taking another calibration soon.

____end____

Fri Oct 09 20:48:19 GMT 2020 KCOR End Patrol

Fri Oct 09 20:48:20 GMT 2020 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20171025.ini

GENERAL COMMENT BY lisapg: Fri Oct 09 21:03:08 GMT 2020

Things have been resolved with the logger and the connection. We need a new keyboard for this laptop.

____end____

Fri Oct 09 21:03:35 GMT 2020 KCOR End Calibration Script

Fri Oct 09 21:03:51 GMT 2020 KCOR Start Synoptic Patrol

Fri Oct 09 21:03:52 GMT 2020 KCOR Start Synoptic Patrol

GPS COMMENT by MLSO: Fri Oct 09 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_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
/mnt/usb/dataoutiq_2020_282_2145.bin 2147483647

____end____

Sat Oct 10 01:20:48 GMT 2020 KCOR End Patrol

Sat Oct 10 01:21:01 GMT 2020 KCOR End Patrol

GENERAL COMMENT BY lisapg: Sat Oct 10 01:21:26 GMT 2020

Pushing through some cirrus

____end____

Sat Oct 10 01:21:32 GMT 2020 KCOR Start Synoptic Patrol

Sat Oct 10 01:28:53 GMT 2020 KCOR End Patrol

Sat Oct 10 01:29:06 GMT 2020 KCOR End Patrol

GENERAL COMMENT BY lisapg: Sat Oct 10 01:29:22 GMT 2020

Cirrus passing, Kcor idled for now.

____end____

GENERAL COMMENT BY lisapg: Sat Oct 10 01:57:15 GMT 2020

Cirrus moved in for the last half hour. Not too bad a day for data but the aerosols got a bit heavy in the afternoon.

____end____

ONSITE STAFF: lisapg