

-----  
Mauna Loa Solar Observatory Observer's Log  
-----

Mon Nov 25 17:05:04 GMT 2019

Year: 19 Doy: 329

Observer: berkey

WEATHER COMMENT: berkey: Mon Nov 25 17:05:32 GMT 2019

Temp: 37.3f, Humidity: 50%, Pressure: 28.777in, Wind: 7mph from 201degs, Skies: clear

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

GENERAL COMMENT BY berkey: Mon Nov 25 19:13:57 GMT 2019

PM Washed Kcor 01

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

GENERAL COMMENT BY berkey: Mon Nov 25 19:14:05 GMT 2019

Windows opened upstairs.

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

GENERAL COMMENT BY berkey: Mon Nov 25 19:18:20 GMT 2019

Sky seems bright in Kcor but not super bad in the spar cam or staring at the sun by eye.

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

Mon Nov 25 19:25:59 GMT 2019 Kcor Focus/alignment program exited

Mon Nov 25 19:40:04 GMT 2019 Kcor Focus/alignment program exited

GENERAL COMMENT BY berkey: Mon Nov 25 19:49:02 GMT 2019

Sky now kind of looks bright by eye.

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

GENERAL COMMENT BY berkey: Mon Nov 25 21:10:10 GMT 2019

With some input from Alfred tightened up the RA clutch and friction drives. So now it should be stiff enough to handle wind+kcor foreoptics moves but when the RA slip it is the clutch that slips not the friction drive. It also appears that there is no play/slipage when slewing for +10 to -10V in RA.

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

KCOR COMMENT BY berkey: Mon Nov 25 21:32:58 GMT 2019

Swaped camera and NI boards boards from kcor to kcor2. To test newly recompiled socketcam

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

Tue Nov 26 00:07:04 GMT 2019 Kcor2 state logger test.

Tue Nov 26 00:07:52 GMT 2019 Kcor Focus/alignment program exited

Tue Nov 26 01:26:54 GMT 2019 Kcor Focus/alignment program exited

KCOR COMMENT BY berkey: Tue Nov 26 01:31:05 GMT 2019

Kcor2 testing today got just about everyting working.

Socketcam was compiled and built on the new system with new libraries and seems to work.

Looks like the old and new computers have different ideas about which bitflow cameralink board should be labed 0 vs 1 so we probably have to flip the cameralink cables from extender A to what we had labed as boardB. And ExtenderB to BoardA. if this turns out to be the case long term I thnk we should just relabel the boards.

Boards reverted back to the old computer for now pending more testing (ideally with some corona).

System seems to check out on the old computer I can move the stages and talk to the cameras.

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

ONSITE STAFF: berkey