
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 201deg, 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/s
lipage 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 socketc
am

____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 cameralin
k board should be labed 0 vs 1 so we probally have to flip the cameralink cables from e
xtender A to what we had labed as boardB. And ExtenderB to BoardA. if this turns out t
o 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 som
e corona).

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

____end____

ONSITE STAFF: berkey