
Mauna Loa Solar Observatory Observer's Log

Thu Apr 22 16:54:49 GMT 2021

Year: 21 Doy: 112

Observer: berkey

WEATHER COMMENT: berkey: Thu Apr 22 16:54:55 GMT 2021

Temp: 42.5f, Humidity: 39%, Pressure: 28.742in, Wind: 7mph from 131degs, Skies: cirrus overcast

____end____

GENERAL COMMENT BY berkey: Thu Apr 22 21:18:35 GMT 2021

Running network stress test since 19UT

UCoMP taking darks at 85ms. Kcor taking data.

Since 10:17UT extra data scp transfers have been started from Hawaii to Boulder.

____end____

KCOR COMMENT BY berkey: Thu Apr 22 23:03:21 GMT 2021

Kcor O1 cleaned with first contact front and back.

____end____

Fri Apr 23 02:54:08 GMT 2021 Kcor Focus/alignment program exited

GENERAL COMMENT BY berkey: Fri Apr 23 04:11:08 GMT 2021

RA clutch was found to be slipping at about 1:30UT.

An attempted was made to tighten the clutch spring plate; after a lot of effort I think I got a minor improvement (it took slightly more effort to move the spar). The sky then cleared enough to take some kcor data which worked ok until the clutch slipped again around 3:12UT. After getting the lens cover closed; round 5 of RA tigeing.

After finally loosening the locking nut I was able to tighten the spring plate a few rotations, and was able to get a few more pounds (measured by hand not scale) of resistance when moving the t-handle. The locking nut was then tighten up to the spring plate. Hopefully this will prevent the clutch from slipping going forward.

____end____

ONSITE STAFF: berkey