
Mauna Loa Solar Observatory Observer's Log

Thu Mar 11 18:04:58 GMT 2021

Year: 21 Doy: 070

Observer: berkey

WEATHER COMMENT: berkey: Thu Mar 11 18:05:07 GMT 2021

Temp: 37.3f, Humidity: 61%, Pressure: 28.881in, Wind: 14mph from 245degs, Skies: overcast

____end____

GENERAL COMMENT BY berkey: Thu Mar 11 22:29:19 GMT 2021

Swapped out the clevis pins for eye bolts in the RA worm gear spring tension system.

____end____

GENERAL COMMENT BY berkey: Thu Mar 11 22:29:26 GMT 2021

Heavy hail

____end____

UCoMP COMMENT BY berkey: Fri Mar 12 00:30:11 GMT 2021

Using an incandescent lamp clamped in front of the UCoMP O1, an alignment check of the R-cam was done.

It was found that by loosening the bolts that hold the focus stage to the tip/tilt frame and moving the camera we could get a better alignment to t-cam; but we were still ~200 pixels away. The focus stage was then pulled out and the through holes were oversized by about .5mm diameter. With this greater range we could align the Rcam to match the left-right position of the t-cam.

Final alignment of R-cam is waiting a complete checkout of t-cam with the current O1 position. Once this is dialed in we can do a final alignment and focus of R-cam.

____end____

UCoMP COMMENT BY berkey: Fri Mar 12 01:43:20 GMT 2021

UCoMP should now generate a machine log at the end of the day, and copy that log to kodiak.

____end____

GENERAL COMMENT BY berkey: Fri Mar 12 01:45:44 GMT 2021

No clear skies today lots of rain and fog in the afternoon.

____end____

ONSITE STAFF: berkey