
Mauna Loa Solar Observatory Observer's Log

Sun Nov 3 17:32:22 GMT 2019

Year: 19 Doy: 307

Observer: berkey

WEATHER COMMENT: berkey: Sun Nov 03 17:32:12 GMT 2019

Temp: 44.8f, Humidity: 18%, Pressure: 28.625in, Wind: 9mph from 192degs, Skies: clear above, but a bank of cirrus is blowing past the south side of the island, looks like some arms could reach north of mauna loa at some point today.

____end____

GENERAL COMMENT BY berkey: Sun Nov 03 17:32:22 GMT 2019

PM Blew off Kcor O1 front and back

____end____

Sun Nov 03 17:33:03 GMT 2019 SGS Alignment complete

Sun Nov 03 17:33:42 GMT 2019 Kcor Focus/alignment program exited

Sun Nov 03 17:35:29 GMT 2019 KCOR Start Synoptic Patrol

Sun Nov 03 18:28:17 GMT 2019 KCOR End Patrol

Sun Nov 03 18:34:49 GMT 2019 KCOR Start Synoptic Patrol

Sun Nov 03 19:57:09 GMT 2019 KCOR End Patrol

Sun Nov 03 19:57:11 GMT 2019 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20171025.ini

Sun Nov 03 20:12:27 GMT 2019 KCOR End Calibration Script

Sun Nov 03 20:12:44 GMT 2019 KCOR Start Synoptic Patrol

Sun Nov 03 20:12:44 GMT 2019 KCOR Start Synoptic Patrol

Sun Nov 03 21:40:44 GMT 2019 KCOR End Patrol

GENERAL COMMENT BY berkey: Sun Nov 03 22:19:48 GMT 2019

To address some RA tracking issues. I checked the spar balanced and decided to add 5# to the the threaded rod at the bottom of the spar. This seems to give much better spar performance and makes it just slightly back heavy.

____end____

GENERAL COMMENT BY berkey: Sun Nov 03 22:23:45 GMT 2019

Hard drive swap performed on Qian's GPS receiver. It was found that when we put the new drive in in Jan 2018 the system ran happily for about 6 days before something crashed. No data has been taken since.

We will need to find a good long term solution for keeping up with this system so we don't lose data again. But in the short term, I think periodic (daily?) visual checks of the drive to see that the little blue hard drive light is still blinking would be a good start.

____end____

Sun Nov 03 22:44:25 GMT 2019 Kcor Focus/alignment program exited

GENERAL COMMENT BY berkey: Sun Nov 03 22:59:53 GMT 2019

Cirrus made it north to the observatory.

____end____

ONSITE STAFF: berkey