
Mauna Loa Solar Observatory Observer's Log

Fri Jan 22 18:01:16 GMT 2021

Year: 21 Doy: 022

Observer: berkey

WEATHER COMMENT: berkey: Fri Jan 22 18:02:37 GMT 2021

Temp: 39.8f, Humidity: 16%, Pressure: 28.706in, Wind: 17mph from 138deg, Skies: patchy cirrus around the sky currently clear toward the sun.

____end____

GENERAL COMMENT BY berkey: Fri Jan 22 18:02:41 GMT 2021

Opened windows upstairs

____end____

GENERAL COMMENT BY berkey: Fri Jan 22 18:02:45 GMT 2021

PM Blew off Kcor 01

____end____

UCOMP COMMENT BY berkey: Fri Jan 22 18:07:40 GMT 2021

Performed an inspection of the Spar power supply and narrowed down the problem to the safety shutter circuit. Currently uncertain if the problem is at the powersupply or at the uniblitz board or shutter.

The sky is currently clear and the sun is above the dome, so I am stopping ucomp troubleshooting for now.

____end____

Fri Jan 22 18:07:46 GMT 2021 Kcor Focus/alignment program exited

Fri Jan 22 18:12:38 GMT 2021 KCOR Start Synoptic Patrol

Fri Jan 22 18:58:53 GMT 2021 KCOR End Patrol

Fri Jan 22 18:59:04 GMT 2021 KCOR End Patrol

Fri Jan 22 19:02:20 GMT 2021 Kcor Focus/alignment program exited

Fri Jan 22 19:02:56 GMT 2021 KCOR Start Synoptic Patrol

Fri Jan 22 19:24:56 GMT 2021 KCOR End Patrol

Fri Jan 22 19:24:57 GMT 2021 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20171025.ini

Fri Jan 22 19:40:11 GMT 2021 KCOR End Calibration Script

Fri Jan 22 19:40:28 GMT 2021 KCOR Start Synoptic Patrol

Fri Jan 22 19:40:28 GMT 2021 KCOR Start Synoptic Patrol

KCOR PROBLEM COMMENT BY berkey : Fri Jan 22 20:07:01 GMT 2021

Kcor got circular acquisition errors on both boards for no apparent reason.

____end____

Fri Jan 22 20:09:14 GMT 2021 Kcor Focus/alignment program exited

Fri Jan 22 20:11:39 GMT 2021 KCOR Start Synoptic Patrol

KCOR PROBLEM COMMENT BY berkey : Fri Jan 22 20:59:37 GMT 2021

Kcor was in the wrong state. Restarting the observing code

____end____

Fri Jan 22 21:04:02 GMT 2021 KCOR Start Synoptic Patrol

GPS COMMENT by MLSO: Fri Jan 22 21:45:08 GMT 2021

Successfully logged in to system

Unable to mount disk

GPS software failure to start

____end____

Fri Jan 22 22:00:20 GMT 2021 Kcor Focus/alignment program exited

Fri Jan 22 22:03:31 GMT 2021 KCOR Start Synoptic Patrol
Fri Jan 22 22:35:26 GMT 2021 Kcor Focus/alignment program exited
Fri Jan 22 22:37:01 GMT 2021 KCOR Start Synoptic Patrol

GENERAL COMMENT BY berkey: Sat Jan 23 01:14:31 GMT 2021
Sky is getting brighter.

____end____

UCoMP COMMENT BY berkey: Sat Jan 23 01:59:45 GMT 2021

Visual inspection of the Uniblitz shutter (while spar is still tracking) shows the +24 and -24 power supply lines were reversed. I will correct this tomorrow and test the shutter.

____end____

Sat Jan 23 02:04:48 GMT 2021 KCOR End Patrol

GENERAL COMMENT BY berkey: Sat Jan 23 02:08:57 GMT 2021

Nice day of observing after a crummy week.,

____end____

ONSITE STAFF: berkey