
Mauna Loa Solar Observatory Observer's Log

Fri Nov 15 17:07:42 GMT 2013

Year: 13 Doy: 319

Observer: berkey

WEATHER COMMENT: berkey: Fri Nov 15 17:07:46 GMT 2013

temp 44f, wind 12mph from SE, thin cirrus covering the sky.

____end____

KCOR COMMENT BY berkey: Fri Nov 15 17:46:56 GMT 2013

Created a new VI for doing a streaming data dump.

One 30 second streaming dump was taken at 16:52:05 data are copied to mlsoserver /data/kcor/20131115/165205raw

____end____

KCOR COMMENT BY berkey: Fri Nov 15 19:50:55 GMT 2013

Took a second set of raw data that I copied to mlsoserver. In this configuration

Dome open

Guider locked

cover in beam

diffuser in beam

dark shutter in beam

trigger delay = 0ms

exp time = 0.01ms

stream time 5seconds

Data can be found at /data/kcor/20131115/193729raw

Triggers have been restored to 2.0ms delay after this test completed

____end____

GENERAL OBSERVATORY COMMENT BY berkey: Fri Nov 15 20:04:13 GMT 2013

Almost clear enough to start kcor and comp.

____end____

Fri Nov 15 22:19:27 GMT 2013: PSPT Start Patrol

KCOR COMMENT BY berkey: Fri Nov 15 22:31:10 GMT 2013

Took 3 data sets with the following setup:

image triggers: 2.0ms

Exposure time: .16ms

Time streaming: 30 seconds

Dome:open

Guider: locked

cover: out

diffuser: in

darkshutter: started out of beam closed part why though to see if this changes things.

3 data sets were created because it wasn't obvious if/when the shutter closed during the 30 second period.

These tests have timestamps 210241raw, 211850raw and 221850raw.

____end____

KCOR COMMENT BY berkey: Sat Nov 16 02:50:59 GMT 2013

In starting to look at some data I am not sure the shutter actually closes concurrent with streaming.

____end____