
Mauna Loa Solar Observatory Observer's Log

Mon Aug 1 16:39:17 GMT 2016

Year: 16 Doy: 214

Observer: berkey

WEATHER COMMENT: berkey: Mon Aug 01 16:39:46 GMT 2016

Temp: 43.6f, Humidity: 45%, Pressure: 28.708in, Wind: 5mph from 189degs, Skies: clear. High inversion layer with vog almost up to the observatory

____end____

CoMP COMMENT BY berkey: Mon Aug 01 17:09:04 GMT 2016

This morning we will be testing out a new revision to the CoMP observing code.

This code changes the way data is handled internally within the labview program. Instead of using the disk for scratch space we now pass information around in queues. This change was motivated by the desire to speed up internal image processing/saving so we could spend more waiting for the LCVR to relax. As a side effect it should allow faster processing and better cadence for things like the waves program.

____end____

Mon Aug 01 17:14:36 GMT 2016 KCOR Start Synoptic Patrol

KCOR COMMENT BY berkey: Mon Aug 01 17:26:29 GMT 2016

Running a new version of the kcor code that changes the way we capture/tag calibration images. In the old version we used timers to decide how many images to capture and when to change tags. The new version waits for socketcam to return instead. I also found a weird 1/2 second delay that I put in after each action in the calibration sequence (camera read and optics moves). This delay seems to serve no purpose so it has been commented out as well. This change alone should save 2.5 minutes from the calibration sequence.

____end____

KCOR COMMENT BY berkey: Mon Aug 01 17:33:31 GMT 2016

Added a temporary webcam near the occulting station to look up the telescope tube to see how light changes on the baffles over the course of the day.

____end____

Mon Aug 01 18:38:04 GMT 2016 KCOR End Patrol

Mon Aug 01 18:38:18 GMT 2016 CoMP Paused for clouds

Mon Aug 01 18:40:24 GMT 2016 SGS Alignment complete

Mon Aug 01 18:40:27 GMT 2016 CoMP Restarted from pause

Mon Aug 01 19:08:06 GMT 2016 KCOR Start Synoptic Patrol

GENERAL COMMENT BY berkey: Mon Aug 01 19:08:19 GMT 2016

Kcor images should have been tagged as science science 18:40

____end____

Mon Aug 01 19:12:31 GMT 2016 KCOR End Patrol

Mon Aug 01 19:12:32 GMT 2016 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20150323.ini

Mon Aug 01 19:24:59 GMT 2016 KCOR End Calibration Script

Mon Aug 01 19:25:16 GMT 2016 KCOR Start Synoptic Patrol

Mon Aug 01 19:25:17 GMT 2016 KCOR Start Synoptic Patrol

Mon Aug 01 21:39:11 GMT 2016 CoMP Paused for clouds

Mon Aug 01 21:39:11 GMT 2016 KCOR End Patrol

Tue Aug 02 00:13:59 GMT 2016 CoMP Restarted from pause

KCOR COMMENT BY berkey: Tue Aug 02 00:22:31 GMT 2016

Trying to revert kcor to the old code. I had a hiccup with svn, but I think I was able to get things reverted. Right now

I am running a test with the dome closed to be sure things are working.

____end____

Tue Aug 02 00:37:33 GMT 2016 KCOR ABORT Calibration Script

CoMP COMMENT BY berkey: Tue Aug 02 01:47:05 GMT 2016

Comp has been revereted to the old code.

____end____

GENERAL COMMENT BY berkey: Tue Aug 02 01:50:58 GMT 2016

Sneaking out before more works shows up.

____end____