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Mauna Loa Solar Observatory Observer's Log  
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Fri Aug 15 16:47:13 GMT 2014

Year: 14 Doy: 227

Observer: berkey

WEATHER COMMENT: berkey: Fri Aug 15 16:47:16 GMT 2014

temp 48f, wind 15mph from SE, clear skies.

\_\_\_\_end\_\_\_\_

Fri Aug 15 17:03:58 GMT 2014 COMP Start Patrol

Fri Aug 15 17:11:22 GMT 2014 KCOR Start Synoptic Patrol

KCOR COMMENT BY berkey: Fri Aug 15 17:11:17 GMT 2014

Kcor is seeing a lot of scatter light. I guess skies were not as clear as I thought.

\_\_\_\_end\_\_\_\_

Fri Aug 15 17:20:32 GMT 2014: PSPT Start Patrol

Fri Aug 15 19:54:00 GMT 2014 KCOR End Patrol

Fri Aug 15 19:54:13 GMT 2014 COMP End Patrol

GENERAL OBSERVATORY COMMENT BY berkey: Fri Aug 15 20:01:40 GMT 2014

Dome reconfig.

\_\_\_\_end\_\_\_\_

Fri Aug 15 20:03:11 GMT 2014 COMP Start Patrol

Fri Aug 15 20:04:39 GMT 2014 KCOR Start Synoptic Patrol

Fri Aug 15 20:25:01 GMT 2014 KCOR End Patrol

Fri Aug 15 20:25:02 GMT 2014 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg.ini

Fri Aug 15 20:40:48 GMT 2014 KCOR End Calibration Script

Fri Aug 15 20:41:04 GMT 2014 KCOR Start Synoptic Patrol

Fri Aug 15 20:41:05 GMT 2014 KCOR Start Synoptic Patrol

Fri Aug 15 22:04:09 GMT 2014: PSPT Start Patrol

Fri Aug 15 23:00:43 GMT 2014 COMP End Patrol

Fri Aug 15 23:00:43 GMT 2014 COMP Start Patrol

Sat Aug 16 00:12:07 GMT 2014: PSPT Start Patrol

Sat Aug 16 00:45:43 GMT 2014 COMP End Patrol

Sat Aug 16 00:45:47 GMT 2014 KCOR End Patrol

Sat Aug 16 00:47:05 GMT 2014 COMP Start Patrol

Sat Aug 16 00:48:25 GMT 2014 COMP End Patrol

Sat Aug 16 00:52:19 GMT 2014 COMP Start Patrol

GENERAL OBSERVATORY COMMENT BY berkey: Sat Aug 16 00:52:42 GMT 2014

Realinged sgs

Kcor and CoMP drifted a bit relative to each other

\_\_\_\_end\_\_\_\_

Sat Aug 16 00:56:03 GMT 2014 KCOR Start Synoptic Patrol

Sat Aug 16 02:08:46 GMT 2014 KCOR End Patrol

Sat Aug 16 02:10:45 GMT 2014 COMP End Patrol

KCOR COMMENT BY berkey: Sat Aug 16 02:19:51 GMT 2014

Doing a test to make sure we fully understand which camera is which and if we are getting proper tcam focus values in the fits file.

Aft-optics cover is open and diffuser is in beam.

\_\_\_end\_\_\_

KCOR COMMENT BY berkey: Sat Aug 16 02:24:33 GMT 2014

Moved t-camera in increments of -3mm (it turns out the stage bottomed out at about 2mm, but the motor backaway to about 9mm .)

The camera associated with the transmitted beam moved forward as expected. This caused the image in camera1 (second column in the real time display) to go out of focus. And the value of the TCAMFOCS to change to -3 (may have also been -6 or -9 but I didnt notice those values).

t-cam was then returned to its normal 0mm focus position.

\_\_\_end\_\_\_

KCOR COMMENT BY berkey: Sat Aug 16 02:29:25 GMT 2014

Trying the same test with positive Rcam.

\_\_\_end\_\_\_

KCOR COMMENT BY berkey: Sat Aug 16 02:30:06 GMT 2014

With 2mm rcam motor move, the rcam backedup 2mm.

The images in camera0 when out of focus. And RCAMFOCUS when to 2mm in the fits hheader.

\_\_\_end\_\_\_

KCOR COMMENT BY berkey: Sat Aug 16 02:30:59 GMT 2014

restoring focus and putting kcor to bed for the night.

\_\_\_end\_\_\_

Sat Aug 16 02:39:47 GMT 2014: PSPT Abort Patrol

Sat Aug 16 02:39:51 GMT 2014: PSPT Abort Patrol

Sat Aug 16 02:39:54 GMT 2014: PSPT Abort Patrol

GENERAL OBSERVATORY COMMENT BY berkey: Sat Aug 16 02:46:35 GMT 2014

Last night comp,shabar and sgs got windows update and rebooted.

And we got a new wireless access point at the observatory.

\_\_\_end\_\_\_