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Mauna Loa Solar Observatory Observer's Log  
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Wed Oct 16 16:41:22 GMT 2013

Year: 13 Doy: 289

Observer: berkey

WEATHER COMMENT: berkey: Wed Oct 16 16:41:25 GMT 2013

temp 37f, wind 10mph from SE, clear skies, some ice on the roads may have been a wet night.

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

Wed Oct 16 16:46:48 GMT 2013: PSPT Start Patrol

GENERAL OBSERVATORY COMMENT BY berkey: Wed Oct 16 17:33:19 GMT 2013

During SGS engineering this morning I discovered thta here factor of about 7.5 between the setpoint/gdr offset voltages and the SGS quadcell voltages. After applying this factor to the displayed quadcell voltages the guider appears to goto zero and work in a perdictable way when the gdr offset is aplyied.

For today I will try running with a RA GDR offset of .01 and dec offset of .005

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

Wed Oct 16 17:46:11 GMT 2013 COMP Start Patrol

Wed Oct 16 17:52:27 GMT 2013 KCOR Start Synoptic Patrol

Wed Oct 16 18:19:42 GMT 2013 KCOR End Patrol

Wed Oct 16 18:19:48 GMT 2013 KCOR Start Calibration script: C:\kcor\mlso-calibration22deg.ini

Wed Oct 16 18:35:44 GMT 2013 KCOR End Calibration Script

Wed Oct 16 18:36:08 GMT 2013 KCOR Start Synoptic Patrol

KCOR COMMENT BY berkey: Wed Oct 16 18:54:22 GMT 2013

For somereason the SGSRAZR and SGSDECZR keywords are not getting into the fits header. Looks like thes starting occouring Monday at about 4:30 pm

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

Wed Oct 16 19:06:42 GMT 2013 KCOR End Patrol

Wed Oct 16 19:06:58 GMT 2013 KCOR Start Calibration script: C:\kcor\mlso-calibration22deg.ini

GENERAL OBSERVATORY COMMENT BY berkey: Wed Oct 16 19:16:50 GMT 2013

One of the two clouds in teh sky just parked it self in front of the sun.

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

Wed Oct 16 19:22:43 GMT 2013 KCOR End Calibration Script

Wed Oct 16 19:26:01 GMT 2013 COMP End Patrol

KCOR COMMENT BY berkey: Wed Oct 16 19:47:06 GMT 2013

Taking data with diffuser and distortion target in the beam. Backend was focused at start of day this morning.

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

KCOR COMMENT BY berkey: Wed Oct 16 19:48:24 GMT 2013

Note there is some cloud activity near the sun but I dont beleive this should interfer with this test.

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

KCOR COMMENT BY berkey: Wed Oct 16 19:49:27 GMT 2013

end of distortion test (A).

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

KCOR COMMENT BY berkey: Wed Oct 16 19:59:30 GMT 2013

target out of the beam occulter back in.

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

GENERAL OBSERVATORY COMMENT BY berkey: Wed Oct 16 20:00:01 GMT 2013

Clouds are getting worse now.

Closing main dome

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

Wed Oct 16 20:10:50 GMT 2013: PSPT Abort Patrol

Wed Oct 16 20:10:55 GMT 2013: PSPT Abort Patrol

KCOR COMMENT BY berkey: Wed Oct 16 20:33:42 GMT 2013

SGSRAZR and SGSDECZR back into fits header.

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

GENERAL OBSERVATORY COMMENT BY berkey: Wed Oct 16 22:13:05 GMT 2013

It is now raining. Leak fix for the roof has proved to be very effective

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

GONG COMMENT BY berkey: Wed Oct 16 23:38:16 GMT 2013

Gong Stowed

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

GENERAL OBSERVATORY COMMENT BY berkey: Thu Oct 17 00:50:31 GMT 2013

I think we just lost mains power.

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

KCOR COMMENT BY berkey: Thu Oct 17 00:51:16 GMT 2013

K-cor computer is acting more normal, says 20 minutes to shutdown.

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

GENERAL OBSERVATORY COMMENT BY berkey: Thu Oct 17 00:59:03 GMT 2013

Power is back up. For some reason COMP ups shut off its load side so everything on that leg powered for a minute or 2.

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

GENERAL OBSERVATORY COMMENT BY berkey: Thu Oct 17 02:04:46 GMT 2013

Still cold and foggy

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