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Mauna Loa Solar Observatory Observer's Log  
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Wed Apr 1 16:57:00 GMT 2015

Year: 15 Doy: 091

Observer: berkey

WEATHER COMMENT: berkey: Wed Apr 1 16:57:02 GMT 2015

temp 34f, wind 5mph from the south east, thin cirrus everywhere looks like we are in the inversion layer right now and in a vog layer. Not coronal skies.

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

Wed Apr 01 18:21:58 GMT 2015 COMP Start Patrol

KCOR COMMENT BY berkey: Wed Apr 1 18:31:24 GMT 2015

Pulled out the kcor occulter for Alfreds guider test.

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

KCOR COMMENT BY berkey: Wed Apr 1 18:33:30 GMT 2015

SGS signals look stable. Taking 30 seconds of .lms streaming data. with ND in and occulter out. Data saved in 183415raw.

Taking data with .lms exposure frames averaged over 3seconds. Starting at 18:37:38

ending 18:41:07

Taking data with .lms exposure frames averaged over 15 starting at 18:42:59 to 19:01:59

Taking flat field with difuser in ND in normal observing mode. Starting 19:04:01 ->19:16:42

ending occulter out testing.

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

Wed Apr 01 19:58:02 GMT 2015 CoMP Paused for clouds

Wed Apr 01 20:08:05 GMT 2015 CoMP Restarted from pause

GENERAL OBSERVATORY COMMENT BY berkey: Wed Apr 1 20:08:07 GMT 2015

Still a bit of vog above the observatory but the cirrus has all burned off.

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

GENERAL OBSERVATORY COMMENT BY berkey: Wed Apr 1 20:09:31 GMT 2015

adjusted dome to move lower shutter down.

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

KCOR COMMENT BY berkey: Wed Apr 1 20:09:52 GMT 2015

Re-installed occulter.

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

Wed Apr 01 20:16:44 GMT 2015 KCOR Start Synoptic Patrol

Wed Apr 01 20:49:26 GMT 2015 KCOR End Patrol

Wed Apr 01 20:49:26 GMT 2015 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20150323.ini

Wed Apr 01 21:06:39 GMT 2015 KCOR End Calibration Script

Wed Apr 01 21:06:56 GMT 2015 KCOR Start Synoptic Patrol

Wed Apr 01 21:06:56 GMT 2015 KCOR Start Synoptic Patrol

Wed Apr 01 21:08:43 GMT 2015 KCOR End Patrol

KCOR COMMENT BY berkey: Wed Apr 1 21:09:37 GMT 2015

For a test changing the trigger delay to 4ms seconds (from 2ms)

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

Wed Apr 01 21:12:39 GMT 2015 KCOR Start Synoptic Patrol

Wed Apr 01 21:18:49 GMT 2015 KCOR End Patrol

Wed Apr 01 21:18:50 GMT 2015 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20150323.ini

Wed Apr 01 21:30:32 GMT 2015 COMP End Patrol

Wed Apr 01 21:30:32 GMT 2015 COMP Start Patrol

Wed Apr 01 21:35:59 GMT 2015 KCOR End Calibration Script  
Wed Apr 01 21:36:16 GMT 2015 KCOR Start Synoptic Patrol  
Wed Apr 01 21:36:16 GMT 2015 KCOR Start Synoptic Patrol  
Wed Apr 01 21:36:17 GMT 2015 KCOR End Patrol  
Wed Apr 01 21:36:17 GMT 2015 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20150323.ini  
Wed Apr 01 21:53:30 GMT 2015 KCOR End Calibration Script  
Wed Apr 01 21:53:47 GMT 2015 KCOR Start Synoptic Patrol  
Wed Apr 01 21:53:47 GMT 2015 KCOR Start Synoptic Patrol  
Wed Apr 01 21:54:34 GMT 2015 KCOR End Patrol  
GENERAL OBSERVATORY COMMENT BY berkey: Wed Apr 1 21:54:14 GMT 2015  
Clouds showed up in the data just after the kcor calibration finished.  
\_\_\_\_end\_\_\_\_  
Wed Apr 01 21:55:43 GMT 2015 CoMP Paused for clouds  
Wed Apr 01 23:17:55 GMT 2015 CoMP Restarted from pause  
Wed Apr 01 23:17:55 GMT 2015 CoMP End Patrol  
GENERAL OBSERVATORY COMMENT BY berkey: Wed Apr 1 23:22:19 GMT 2015  
Long conversation with IG. We are not also socked in with clouds.  
\_\_\_\_end\_\_\_\_  
KCOR COMMENT BY berkey: Thu Apr 2 00:38:53 GMT 2015  
I was doing some Camera Black Level offset checks. and I think the new values of Cam0:3460 Cam1:3338 may be better than the previous values of Cam0:3410 and Cam1:3340  
Some streaming data with dark shutter/ndfilter in the beam and the new dark levels apply is available for review in mlsoserver:/data/kcor/20150402-003550raw  
For now I will revert the cameras to use the old values for the Black Levels and trigger delays back to 2ms.  
\_\_\_\_end\_\_\_\_  
GENERAL OBSERVATORY COMMENT BY berkey: Thu Apr 2 02:21:30 GMT 2015  
Fog has cleared up a little but still junky conditions.  
\_\_\_\_end\_\_\_\_