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Mauna Loa Solar Observatory Observer's Log  
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Fri Aug 29 16:55:18 GMT 2014

Year: 14 Doy: 241

Observer: berkey

WEATHER COMMENT: berkey: Fri Aug 29 16:55:21 GMT 2014

temp 45f, wind 7mph from the SW, clear skies above with a thick band of clouds 1,000 below the observatory

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

Fri Aug 29 17:07:11 GMT 2014 COMP Start Patrol

Fri Aug 29 17:10:20 GMT 2014: PSPT Start Patrol

Fri Aug 29 17:21:44 GMT 2014 KCOR Start Synoptic Patrol

Fri Aug 29 18:10:11 GMT 2014 KCOR End Patrol

KCOR COMMENT BY berkey: Fri Aug 29 18:09:08 GMT 2014

Stopping normal observations for long exposure test.

We will run at both ~2ms and 6ms exposures.

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

Fri Aug 29 18:22:46 GMT 2014 KCOR Start Synoptic Patrol

KCOR COMMENT BY berkey: Fri Aug 29 18:22:19 GMT 2014

Starting "scinece" data with 2.5ms exposure time.

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

Fri Aug 29 18:25:47 GMT 2014 KCOR End Patrol

Fri Aug 29 18:25:48 GMT 2014 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg.ini

Fri Aug 29 18:41:35 GMT 2014 KCOR End Calibration Script

Fri Aug 29 18:41:51 GMT 2014 KCOR Start Synoptic Patrol

Fri Aug 29 18:41:51 GMT 2014 KCOR Start Synoptic Patrol

Fri Aug 29 18:42:38 GMT 2014 KCOR End Patrol

KCOR COMMENT BY berkey: Fri Aug 29 18:42:47 GMT 2014

Ending 2.5ms test.

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

KCOR COMMENT BY berkey: Fri Aug 29 18:44:03 GMT 2014

Setting Trigger delay to 1ms (was 2ms) for both cameras and seting up for a 6ms observations.

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

Fri Aug 29 18:51:39 GMT 2014 KCOR Start Synoptic Patrol

KCOR COMMENT BY berkey: Fri Aug 29 18:51:17 GMT 2014

Saturated "science" with the 6ms exposure.

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

Fri Aug 29 18:58:02 GMT 2014 KCOR End Patrol

Fri Aug 29 18:58:02 GMT 2014 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg.ini

Fri Aug 29 19:13:53 GMT 2014 KCOR End Calibration Script

Fri Aug 29 19:14:09 GMT 2014 KCOR Start Synoptic Patrol

Fri Aug 29 19:14:10 GMT 2014 KCOR Start Synoptic Patrol

Fri Aug 29 19:15:25 GMT 2014 KCOR End Patrol

KCOR COMMENT BY berkey: Fri Aug 29 19:15:54 GMT 2014

Reverting kcor configure to normal operation

2ms trigger delays and 1ms exposures.

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

Fri Aug 29 19:27:59 GMT 2014 KCOR Start Synoptic Patrol

Fri Aug 29 19:32:11 GMT 2014 KCOR End Patrol  
Fri Aug 29 19:32:12 GMT 2014 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg.ini  
Fri Aug 29 19:48:00 GMT 2014 KCOR End Calibration Script  
Fri Aug 29 19:48:16 GMT 2014 KCOR Start Synoptic Patrol  
Fri Aug 29 19:48:17 GMT 2014 KCOR Start Synoptic Patrol  
Fri Aug 29 20:05:01 GMT 2014 COMP End Patrol  
Fri Aug 29 20:05:01 GMT 2014 COMP Start Patrol  
Fri Aug 29 20:13:34 GMT 2014 KCOR End Patrol  
Fri Aug 29 20:13:54 GMT 2014 COMP End Patrol  
GENERAL OBSERVATORY COMMENT BY berkey: Fri Aug 29 20:19:49 GMT 2014  
Dome shutter adjusted.  
\_\_\_\_end\_\_\_\_  
Fri Aug 29 20:22:23 GMT 2014 COMP Start Patrol  
Fri Aug 29 20:25:45 GMT 2014 KCOR Start Synoptic Patrol  
Fri Aug 29 21:58:35 GMT 2014: PSPT Start Patrol  
GENERAL OBSERVATORY COMMENT BY berkey: Fri Aug 29 22:09:42 GMT 2014  
Starting to see some clouds  
\_\_\_\_end\_\_\_\_  
Fri Aug 29 22:10:32 GMT 2014 KCOR End Patrol  
Fri Aug 29 22:11:01 GMT 2014 COMP End Patrol  
Sat Aug 30 00:12:26 GMT 2014 COMP Start Patrol  
Sat Aug 30 00:20:40 GMT 2014 KCOR Start Synoptic Patrol  
Sat Aug 30 00:20:51 GMT 2014 KCOR End Patrol  
Sat Aug 30 00:22:19 GMT 2014 KCOR Start Synoptic Patrol  
Sat Aug 30 00:25:54 GMT 2014 KCOR End Patrol  
Sat Aug 30 00:28:02 GMT 2014 KCOR Start Synoptic Patrol  
Sat Aug 30 00:30:54 GMT 2014 KCOR End Patrol  
Sat Aug 30 00:31:14 GMT 2014 COMP End Patrol  
Sat Aug 30 01:11:35 GMT 2014 COMP Start Patrol  
Sat Aug 30 01:14:19 GMT 2014 KCOR Start Synoptic Patrol  
Sat Aug 30 01:18:25 GMT 2014 KCOR End Patrol  
GENERAL OBSERVATORY COMMENT BY berkey: Sat Aug 30 01:18:01 GMT 2014  
Sucker holes....  
\_\_\_\_end\_\_\_\_  
Sat Aug 30 01:19:03 GMT 2014 COMP End Patrol  
Sat Aug 30 01:23:30 GMT 2014 KCOR Start Synoptic Patrol  
Sat Aug 30 01:23:53 GMT 2014 KCOR End Patrol  
Sat Aug 30 01:23:58 GMT 2014 COMP Start Patrol  
Sat Aug 30 01:24:46 GMT 2014 KCOR Start Synoptic Patrol  
Sat Aug 30 01:28:43 GMT 2014 KCOR End Patrol  
Sat Aug 30 01:30:01 GMT 2014 KCOR Start Synoptic Patrol  
Sat Aug 30 01:31:17 GMT 2014 KCOR End Patrol  
Sat Aug 30 01:33:18 GMT 2014 KCOR Start Synoptic Patrol  
Sat Aug 30 01:34:48 GMT 2014 KCOR End Patrol  
Sat Aug 30 01:41:50 GMT 2014 COMP End Patrol  
Sat Aug 30 01:48:20 GMT 2014: PSPT Abort Patrol  
Sat Aug 30 01:48:24 GMT 2014: PSPT Abort Patrol  
KCOR COMMENT BY berkey: Sat Aug 30 02:16:45 GMT 2014

Early results from todays kcor test. We see more corona in the outer field at 2.5 ms and the flats do not saturate. At 6 ms everything but the darks saturate but the system will work at that speed.

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