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Mauna Loa Solar Observatory Observer's Log  
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Fri Jul 18 16:35:56 GMT 2014

Year: 14 Doy: 199

Observer: berkey

WEATHER COMMENT: berkey: Fri Jul 18 16:35:59 GMT 2014

temp 40f, wind 5mph from the south, patchy cirrus should get some coronal data today.

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

Fri Jul 18 16:57:34 GMT 2014: PSPT Start Patrol

Fri Jul 18 16:58:27 GMT 2014 COMP Start Patrol

GENERAL OBSERVATORY COMMENT BY berkey: Fri Jul 18 16:57:41 GMT 2014

The cable that connects shabar USB-6211 DAQ to the laptop came loose. Symptoms were zeros on the amplitude and Nans the covariance matrix. Unplugging and replugging in the cable brought the signals back.

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

Fri Jul 18 17:07:41 GMT 2014 KCOR Start Synoptic Patrol

KCOR COMMENT BY berkey: Fri Jul 18 17:18:06 GMT 2014

In right hand side of the kcor real time displays (I think this is the south side of the field). There is a bit of fringing of the light that spills around the occulter. This is something we have seen before, but I dont think it has been this bad since the kcor realignment in June. Also of note the SGS Dec off set is now +60 arcseconds.

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

GENERAL OBSERVATORY COMMENT BY berkey: Fri Jul 18 17:31:40 GMT 2014

Some cirrus is getting in the comp/kcor data

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

Fri Jul 18 18:18:41 GMT 2014 KCOR End Patrol

Fri Jul 18 18:20:33 GMT 2014 KCOR Start Synoptic Patrol

Fri Jul 18 19:37:30 GMT 2014 KCOR End Patrol

Fri Jul 18 19:38:27 GMT 2014 COMP End Patrol

GENERAL OBSERVATORY COMMENT BY berkey: Fri Jul 18 19:44:51 GMT 2014

Adjusted dome shutter

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

Fri Jul 18 19:51:23 GMT 2014 COMP Start Patrol

Fri Jul 18 19:55:55 GMT 2014 KCOR Start Synoptic Patrol

Fri Jul 18 20:03:41 GMT 2014 KCOR End Patrol

Fri Jul 18 20:11:00 GMT 2014 KCOR Start Synoptic Patrol

Fri Jul 18 20:37:56 GMT 2014 KCOR End Patrol

Fri Jul 18 20:37:57 GMT 2014 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg.ini

KCOR COMMENT BY berkey: Fri Jul 18 20:38:01 GMT 2014

May not be enough time between clouds to get a full calibration in but now looks like it might get most of one.

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

Fri Jul 18 20:53:56 GMT 2014 KCOR End Calibration Script

Fri Jul 18 20:54:13 GMT 2014 KCOR Start Synoptic Patrol

Fri Jul 18 20:54:13 GMT 2014 KCOR Start Synoptic Patrol

Fri Jul 18 20:57:20 GMT 2014 KCOR End Patrol

Fri Jul 18 20:58:38 GMT 2014 COMP End Patrol

Fri Jul 18 22:24:21 GMT 2014 COMP Start Patrol

Fri Jul 18 22:30:34 GMT 2014 KCOR Start Synoptic Patrol

GONG COMMENT BY berkey: Fri Jul 18 23:03:29 GMT 2014

Gong window cleaned.

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

Sat Jul 19 00:25:21 GMT 2014 KCOR End Patrol  
Sat Jul 19 00:25:57 GMT 2014 COMP End Patrol  
Sat Jul 19 00:26:15 GMT 2014: PSPT Start Patrol  
Sat Jul 19 00:36:21 GMT 2014 KCOR Start Synoptic Patrol  
Sat Jul 19 00:36:22 GMT 2014 KCOR End Patrol  
Sat Jul 19 00:36:47 GMT 2014 COMP Start Patrol  
Sat Jul 19 00:37:18 GMT 2014 KCOR Start Synoptic Patrol  
Sat Jul 19 00:39:48 GMT 2014 KCOR End Patrol  
Sat Jul 19 00:40:12 GMT 2014 COMP End Patrol  
Sat Jul 19 00:42:07 GMT 2014 COMP Start Patrol  
Sat Jul 19 00:42:23 GMT 2014 KCOR Start Synoptic Patrol  
Sat Jul 19 00:59:25 GMT 2014 KCOR End Patrol  
Sat Jul 19 01:48:17 GMT 2014: PSPT Abort Patrol  
Sat Jul 19 01:48:32 GMT 2014 COMP End Patrol