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Mauna Loa Solar Observatory Observer's Log  
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Wed Oct 9 16:14:58 GMT 2013

Year: 13 Doy: 282

Observer: berkey

WEATHER COMMENT: berkey: Wed Oct 9 16:15:01 GMT 2013

temp 42f, wind 6mph from SE, patchy cirrus.

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

Wed Oct 09 16:17:13 GMT 2013 KCOR Start Calibration script: C:\kcor\mlso-calibration22deg.ini

KCOR COMMENT BY berkey: Wed Oct 9 16:16:31 GMT 2013

Replaced FITS global with FITS functional global variable last night, and took a couple (3 or 4) and ran the 22.5 degree calibration script a couple of times. Initial results suggest we removed the race condition in the fits update :)

Before the sun comes up today I will be taking another round or two of closed dome closed lens cover 22.5 degree calibrations to build up the test cases.

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

Wed Oct 09 16:39:01 GMT 2013 KCOR End Calibration Script

Wed Oct 09 16:40:58 GMT 2013 KCOR Start Calibration script: C:\kcor\mlso-calibration22deg.ini

Wed Oct 9 16:56:45 GMT 2013: PSPT Start Patrol

Wed Oct 09 17:02:51 GMT 2013 KCOR End Calibration Script

Wed Oct 09 17:13:39 GMT 2013 KCOR Start Calibration script: C:\kcor\mlso-calibration22deg.ini

Wed Oct 09 17:35:20 GMT 2013 KCOR End Calibration Script

GENERAL OBSERVATORY COMMENT BY berkey: Wed Oct 9 18:33:49 GMT 2013

Large sucker hole now, attempting to start coronal observations

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

GENERAL OBSERVATORY COMMENT BY berkey: Wed Oct 9 18:38:06 GMT 2013

Nevermind clouds again

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

Wed Oct 09 18:43:15 GMT 2013 COMP Start Patrol

Wed Oct 09 18:49:45 GMT 2013 KCOR Start Synoptic Patrol

GENERAL OBSERVATORY COMMENT BY berkey: Wed Oct 9 18:49:49 GMT 2013

Clear again

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

Wed Oct 09 18:59:06 GMT 2013 KCOR End Patrol

Wed Oct 09 18:59:07 GMT 2013 KCOR Start Calibration script: C:\kcor\mlso-calibration22deg.ini

Wed Oct 09 19:20:52 GMT 2013 KCOR End Calibration Script

Wed Oct 09 19:21:12 GMT 2013 KCOR Start Synoptic Patrol

KCOR COMMENT BY berkey: Wed Oct 9 19:37:50 GMT 2013

Some of the fits keywords associated with the calibrations are being set wrong. fixing now

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

Wed Oct 09 19:44:19 GMT 2013 KCOR Start Calibration script: C:\kcor\mlso-calibration22deg.ini

Wed Oct 09 20:06:42 GMT 2013 KCOR End Calibration Script

Wed Oct 09 20:12:24 GMT 2013 KCOR Start Synoptic Patrol

Wed Oct 09 20:15:46 GMT 2013 KCOR End Patrol

Wed Oct 09 20:15:53 GMT 2013 COMP End Patrol

GENERAL OBSERVATORY COMMENT BY berkey: Wed Oct 9 20:16:39 GMT 2013

sucker hole closed, idling coronal measurements.

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

Wed Oct 09 21:12:55 GMT 2013 KCOR Start Synoptic Patrol

Wed Oct 09 21:18:37 GMT 2013 COMP Start Patrol

Wed Oct 09 21:18:52 GMT 2013 KCOR End Patrol

Wed Oct 09 21:23:53 GMT 2013 KCOR Start Synoptic Patrol

Wed Oct 09 21:33:35 GMT 2013 KCOR End Patrol

Wed Oct 09 21:34:25 GMT 2013 COMP End Patrol

Wed Oct 9 21:46:31 GMT 2013: PSPT Abort Patrol

Wed Oct 9 21:46:35 GMT 2013: PSPT Abort Patrol

GENERAL OBSERVATORY COMMENT BY berkey: Wed Oct 9 21:47:32 GMT 2013

Domes closed due to low clouds

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

\*\*PSPT PROBLEM COMMENT BY berkey\*\* : Wed Oct 9 23:56:42 GMT 2013

Pspt dome shutter was making a bit of noise recently, today it got extra bad. On inspection I found that one of the shutter boggies "blew" up and was in 4 large peices + a bunch of ball bearings. Bogie was replaced and some of the track was greased. Waiting for a two person day to get to some of the more difficult places.

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

GENERAL OBSERVATORY COMMENT BY berkey: Thu Oct 10 00:16:47 GMT 2013

Pretty foggy now.

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