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Mauna Loa Solar Observatory Observer's Log  
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Wed Jul 9 16:23:56 GMT 2014

Year: 14 Doy: 190

Observer: berkey

WEATHER COMMENT: berkey: Wed Jul 9 16:24:00 GMT 2014

temp 47f, wind 5mph from SE, lots of cirrus to the east clearing toward zenith

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

Wed Jul 9 16:45:06 GMT 2014: PSPT Start Patrol

CoMP COMMENT BY berkey: Wed Jul 9 16:39:02 GMT 2014

Looks like the horizontal occulter acuator is struggeling again. It appears to have difficulty moving the occulter stage agasint gravity and is slipping. +10000 counts gives 5-10 pixel move of the occulter to the right, -2000 gives 20-30 pixels to the left.

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

GENERAL OBSERVATORY COMMENT BY berkey: Wed Jul 9 16:45:18 GMT 2014

Looks like we are above enough of the cirrus to start observing now.

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

Wed Jul 09 16:54:36 GMT 2014 KCOR Start Synoptic Patrol

GENERAL OBSERVATORY COMMENT BY berkey: Wed Jul 9 16:54:29 GMT 2014

PSPT CaK is looking good today. Better then I remember

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

Wed Jul 09 17:03:01 GMT 2014 COMP Start Patrol

GENERAL OBSERVATORY COMMENT BY berkey: Wed Jul 9 17:12:52 GMT 2014

The sun is getting near another cloud. This can be seen in the kcor data.

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

Wed Jul 09 17:27:08 GMT 2014 KCOR End Patrol

GENERAL OBSERVATORY COMMENT BY berkey: Wed Jul 9 17:29:30 GMT 2014

gong shows a lot of activity this morning. Large eruption moving east across the sun likely launched from sunspot group 2111 1-2 hours before sunrise hst. Another eruption appears to launch from sunspot 2110 at about 16:40UT heading west. We also see small scale flaring from most of active regions.

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

Wed Jul 09 17:35:26 GMT 2014 KCOR Start Synoptic Patrol

GENERAL OBSERVATORY COMMENT BY berkey: Wed Jul 9 17:51:46 GMT 2014

Main UPS is beeping. Not sure why everything is up and running and display doesn't seem to show any errors.

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

GENERAL OBSERVATORY COMMENT BY berkey: Wed Jul 9 17:52:34 GMT 2014

Beeping stopped

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

Wed Jul 09 18:06:16 GMT 2014 KCOR End Patrol

GENERAL OBSERVATORY COMMENT BY berkey: Wed Jul 9 18:06:32 GMT 2014

Passing though a cloud, pausing kcor.

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

Wed Jul 09 18:14:41 GMT 2014 COMP End Patrol

Wed Jul 09 18:23:07 GMT 2014 COMP Start Patrol

Wed Jul 09 18:54:25 GMT 2014 KCOR Start Synoptic Patrol

Wed Jul 09 19:17:24 GMT 2014 KCOR End Patrol

Wed Jul 09 19:25:55 GMT 2014 KCOR Start Synoptic Patrol

GENERAL OBSERVATORY COMMENT BY berkey: Wed Jul 9 19:40:13 GMT 2014

Testing a new version of shabar.exe, with a 60 second timer in global loop. This should change the cadance of the file c  
reating from once ever 10 seconds to once ever 60 seconds.

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

GENERAL OBSERVATORY COMMENT BY berkey: Wed Jul 9 19:56:10 GMT 2014

Some clouds again.

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

Wed Jul 09 19:57:03 GMT 2014 KCOR End Patrol

Wed Jul 09 19:59:01 GMT 2014 COMP End Patrol

Wed Jul 9 23:48:39 GMT 2014: PSPT Abort Patrol

Wed Jul 9 23:48:43 GMT 2014: PSPT Abort Patrol

GENERAL OBSERVATORY COMMENT BY berkey: Wed Jul 9 23:52:08 GMT 2014

Looks like it might rain soon, both domes closed.

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