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Mauna Loa Solar Observatory Observer's Log  
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Fri May 9 16:23:54 GMT 2014

Year: 14 Doy: 129

Observer: berkey

WEATHER COMMENT: berkey: Fri May 9 16:23:55 GMT 2014

temp 47f, wind 8mph from S, a disappointing level of cirrus overcast

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

Fri May 9 16:57:21 GMT 2014: PSPT Start Patrol

GENERAL OBSERVATORY COMMENT BY berkey: Fri May 9 19:12:53 GMT 2014

Replaced the middle right (when looking out of the slot) dome bogie. This seemed to reduce some of the chatter/clunkyness heard when the shutter is moving. The motion still isn't smooth but it seems better.

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

GENERAL OBSERVATORY COMMENT BY berkey: Fri May 9 19:34:01 GMT 2014

Cirrus thinning.

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

Fri May 09 19:34:58 GMT 2014 COMP Start Patrol

Fri May 09 19:44:17 GMT 2014 KCOR Start Synoptic Patrol

COMP COMMENT BY berkey: Fri May 9 19:45:40 GMT 2014

Corona is visible in todays 1074 images

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

Fri May 09 19:59:42 GMT 2014 KCOR End Patrol

KCOR COMMENT BY berkey: Fri May 9 19:59:14 GMT 2014

I think I see more diffraction (then normal) comming around the kcor occulting disk.

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

Fri May 09 20:01:58 GMT 2014 KCOR Start Synoptic Patrol

Fri May 09 20:02:58 GMT 2014 KCOR End Patrol

Fri May 09 20:05:00 GMT 2014 KCOR Start Synoptic Patrol

Fri May 09 20:11:45 GMT 2014 KCOR End Patrol

Fri May 09 20:13:53 GMT 2014 KCOR Start Synoptic Patrol

Fri May 09 20:33:51 GMT 2014 KCOR End Patrol

Fri May 09 20:33:51 GMT 2014 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg.ini

Fri May 09 20:49:40 GMT 2014 KCOR End Calibration Script

Fri May 09 20:49:56 GMT 2014 KCOR Start Synoptic Patrol

Fri May 09 20:49:56 GMT 2014 KCOR Start Synoptic Patrol

Fri May 9 21:39:27 GMT 2014: PSPT Start Patrol

Fri May 9 21:58:54 GMT 2014: PSPT Start Patrol

PSPT COMMENT BY berkey: Fri May 9 21:59:06 GMT 2014

dos box crashed. Rebooted and restarted observations

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

Fri May 09 22:02:15 GMT 2014 KCOR End Patrol

GENERAL OBSERVATORY COMMENT BY berkey: Fri May 9 22:12:31 GMT 2014

Comp and Kcor are idled for low clouds

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

Fri May 09 22:12:57 GMT 2014 COMP End Patrol

Sat May 10 00:31:09 GMT 2014 COMP Start Patrol

COMP COMMENT BY berkey: Sat May 10 00:31:08 GMT 2014

Looks like Comp and Kcor have drifted apart again between this mornings alignment and this afternoons alignment.

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

Sat May 10 00:43:38 GMT 2014 COMP End Patrol

GENERAL OBSERVATORY COMMENT BY berkey: Sat May 10 01:25:04 GMT 2014

Some fog near the observatory

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

Sat May 10 01:42:06 GMT 2014 COMP Start Patrol

Sat May 10 01:44:01 GMT 2014 KCOR Start Synoptic Patrol

Sat May 10 01:52:46 GMT 2014 KCOR End Patrol

Sat May 10 01:54:18 GMT 2014 KCOR Start Synoptic Patrol

Sat May 10 01:56:16 GMT 2014: PSPT Start Patrol

Sat May 10 02:08:00 GMT 2014 KCOR End Patrol

Sat May 10 02:07:58 GMT 2014 COMP End Patrol

Sat May 10 02:08:02 GMT 2014: PSPT Abort Patrol

GENERAL OBSERVATORY COMMENT BY berkey: Sat May 10 02:28:42 GMT 2014

The main dome needs some lubrication on the paw that holds the shutter rack onto the pinion gear. We should try to take care of this on the next overlap day.

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