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Mauna Loa Solar Observatory Observer's Log

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Fri Oct 27 16:44:56 GMT 2017

Year: 17 Doy: 300

Observer: berkey

WEATHER COMMENT: berkey: Fri Oct 27 16:46:03 GMT 2017

Temp: 46.5f, Humidity: 30%, Pressure: 28.549in, Wind: 7mph from 194deg, Skies: Clear  
\_\_\_\_end\_\_\_\_

Fri Oct 27 16:56:46 GMT 2017 CoMP occulter has been re-centered

Fri Oct 27 17:08:35 GMT 2017 Kcor Focus/alignment program exited

Fri Oct 27 17:09:48 GMT 2017 CoMP occulter has been re-centered

GENERAL COMMENT BY berkey: Fri Oct 27 17:15:42 GMT 2017

PM Blew off Kcor O1

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

GENERAL COMMENT BY berkey: Fri Oct 27 17:15:50 GMT 2017

PM Blew off CoMP O1

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

Fri Oct 27 17:24:19 GMT 2017 SGS Alignment complete

Fri Oct 27 17:23:35 GMT 2017 CoMP occulter has been re-centered

Fri Oct 27 17:23:37 GMT 2017 CoMP Start Patrol on cookbook: synoptic-00010.cbk

Fri Oct 27 17:24:44 GMT 2017 Kcor Focus/alignment program exited

Fri Oct 27 17:31:21 GMT 2017 KCOR Start Synoptic Patrol

Fri Oct 27 18:10:01 GMT 2017 KCOR End Patrol

Fri Oct 27 18:15:27 GMT 2017 Kcor sees an SGS Guiding Error closing lens cover

Fri Oct 27 18:15:29 GMT 2017 KCOR End Patrol

KCOR COMMENT BY berkey: Fri Oct 27 18:44:33 GMT 2017

Temporarily added a camera to the kcor foreoptics box to try and watch what happens during the calibration; to see if there is some hint at to the source of the little fringes.

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

Fri Oct 27 18:45:46 GMT 2017 KCOR Start Synoptic Patrol

Fri Oct 27 19:12:24 GMT 2017 KCOR End Patrol

Fri Oct 27 19:12:26 GMT 2017 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20171025.ini

Fri Oct 27 19:27:46 GMT 2017 KCOR End Calibration Script

Fri Oct 27 19:28:04 GMT 2017 KCOR Start Synoptic Patrol

Fri Oct 27 19:28:05 GMT 2017 KCOR Start Synoptic Patrol

Fri Oct 27 20:06:19 GMT 2017 KCOR End Patrol

Fri Oct 27 20:05:34 GMT 2017 CoMP End Patrol

KCOR COMMENT BY berkey: Fri Oct 27 20:10:24 GMT 2017

Moved the kcor camera

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

Fri Oct 27 20:13:08 GMT 2017 SGS Alignment complete

Fri Oct 27 20:12:55 GMT 2017 CoMP occulter has been re-centered

Fri Oct 27 20:14:21 GMT 2017 Kcor Focus/alignment program exited

Fri Oct 27 20:14:38 GMT 2017 CoMP Start Patrol on cookbook: waves-00001.cbk

Fri Oct 27 20:17:17 GMT 2017 KCOR Start Synoptic Patrol

Fri Oct 27 21:46:59 GMT 2017 CoMP End Patrol

Fri Oct 27 21:47:00 GMT 2017 CoMP Start Patrol on cookbook: synoptic-00010.cbk

Fri Oct 27 22:04:13 GMT 2017 KCOR End Patrol

Fri Oct 27 22:06:31 GMT 2017 CoMP Paused for clouds

Fri Oct 27 22:50:38 GMT 2017 CoMP Restarted from pause

KCOR COMMENT BY berkey: Fri Oct 27 22:57:52 GMT 2017

Removed the baffle that covers the calpol when it is out of the beam to see if it was a reflection off the baffle that caused the small fringes.

The calpol rotator barrel itself is much more reflective (anodized AL) than the baffle (rough matte black). So this seems unlikely to help. But there is some hope because the barrel is recessed away from the beam a few mm to a few cm w.r.t the baffle plate.

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

KCOR COMMENT BY berkey: Fri Oct 27 23:09:45 GMT 2017

Kcor is seeing heavy aerosols. Aerosol level may be too high to see ngrf images and/or fringes.

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

Sat Oct 28 01:07:51 GMT 2017 CoMP Paused for clouds

KCOR COMMENT BY berkey: Sat Oct 28 01:18:36 GMT 2017

Reinstalled the Kcor calpol baffle

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

Sat Oct 28 01:19:03 GMT 2017 CoMP Restarted from pause

Sat Oct 28 01:31:40 GMT 2017 COMP End Patrol

Sat Oct 28 01:31:40 GMT 2017 COMP Start Patrol on cookbook: waves-00001.cbk

Sat Oct 28 02:18:29 GMT 2017 COMP End Patrol