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Mauna Loa Solar Observatory Observer's Log  
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Mon Nov 6 16:43:38 GMT 2017

Year: 17 Doy: 310

Observer: berkey

WEATHER COMMENT: berkey: Mon Nov 06 16:44:38 GMT 2017

Temp: 44.9f, Humidity: 5%, Pressure: 28.644in, Wind: 11mph from 143degs, Skies: clear

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

GENERAL COMMENT BY berkey: Mon Nov 06 16:44:50 GMT 2017

PM Blew off CoMP O1

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

GENERAL COMMENT BY berkey: Mon Nov 06 16:58:34 GMT 2017

PM Blew off Kcor O1 Found a spider web on the west side of the O1. The O1 will have to be washed to remove this.

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

Mon Nov 06 17:06:25 GMT 2017 CoMP occulter has been re-centered

Mon Nov 06 17:29:35 GMT 2017 SGS Alignment complete

Mon Nov 06 17:28:31 GMT 2017 CoMP occulter has been re-centered

Mon Nov 06 17:28:32 GMT 2017 COMP Start Patrol on cookbook: synoptic-00010.cbk

Mon Nov 06 17:32:25 GMT 2017 Kcor Focus/alignment program exited

Mon Nov 06 17:35:14 GMT 2017 KCOR Start Synoptic Patrol

Mon Nov 06 19:55:32 GMT 2017 KCOR End Patrol

Mon Nov 06 19:55:33 GMT 2017 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20171025.ini

Mon Nov 06 20:10:54 GMT 2017 KCOR End Calibration Script

Mon Nov 06 20:11:11 GMT 2017 KCOR Start Synoptic Patrol

Mon Nov 06 20:11:12 GMT 2017 KCOR Start Synoptic Patrol

Mon Nov 06 20:14:33 GMT 2017 KCOR End Patrol

Mon Nov 06 20:16:37 GMT 2017 COMP End Patrol

Mon Nov 06 20:16:38 GMT 2017 COMP Start Patrol on cookbook: waves-00001.cbk

Mon Nov 06 20:18:35 GMT 2017 COMP End Patrol

KCOR COMMENT BY berkey: Mon Nov 06 20:18:33 GMT 2017

Jenoptick O1 has been washed and will be put in Kcor for testing, while the main O1 is washed.

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

Mon Nov 06 20:41:03 GMT 2017 SGS Alignment complete

Mon Nov 06 20:41:56 GMT 2017 Kcor Focus/alignment program exited

Mon Nov 06 20:41:24 GMT 2017 CoMP occulter has been re-centered

Mon Nov 06 20:42:53 GMT 2017 COMP Start Patrol on cookbook: synoptic-00010.cbk

Mon Nov 06 20:42:58 GMT 2017 COMP End Patrol

Mon Nov 06 20:42:59 GMT 2017 COMP Start Patrol on cookbook: waves-00001.cbk

Mon Nov 06 20:44:41 GMT 2017 KCOR Start Synoptic Patrol

Mon Nov 06 20:46:37 GMT 2017 KCOR End Patrol

KCOR COMMENT BY berkey: Mon Nov 06 20:46:49 GMT 2017

The new images look gross. By eye the O1 glass looks clean, but in the quick look there are numerous bullet holes.

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

GENERAL COMMENT BY berkey: Mon Nov 06 20:50:47 GMT 2017

PM Blew off Kcor Field Lens. Lens looked pretty clean but I am hoping to reduce the bullet holes in the images.

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

Mon Nov 06 20:53:44 GMT 2017 Kcor sees an SGS Guiding Error closing lens cover

Mon Nov 06 20:53:46 GMT 2017 KCOR End Patrol

Mon Nov 06 20:54:44 GMT 2017 Kcor sees an SGS Guiding Error closing lens cover

Mon Nov 06 20:54:46 GMT 2017 KCOR End Patrol

KCOR COMMENT BY berkey: Mon Nov 06 20:59:40 GMT 2017

O1 lens inspection in the telescope shows it isnt actually all that clean. Blowing it off removed many of the visisble particles but didnt address any of the inner feild bullet holes.

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

Mon Nov 06 21:42:59 GMT 2017 COMP End Patrol

Mon Nov 06 22:07:23 GMT 2017 SGS Alignment complete

GENERAL COMMENT BY berkey: Mon Nov 06 22:06:40 GMT 2017

PM Washed Kcor O1. Normal Kcor O1-2 was washed to removed some of the spiderweb residue and reinstalled back in the telescope.

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

Mon Nov 06 22:08:43 GMT 2017 CoMP occulter has been re-centered

Mon Nov 06 22:10:44 GMT 2017 Kcor Focus/alignment program exited

Mon Nov 06 22:10:13 GMT 2017 COMP Start Patrol on cookbook: synoptic-00010.cbk

Mon Nov 06 22:14:34 GMT 2017 KCOR Start Synoptic Patrol

KCOR COMMENT BY berkey: Mon Nov 06 22:16:37 GMT 2017

O1-2 is looking good.

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

GENERAL COMMENT BY berkey: Mon Nov 06 22:16:39 GMT 2017

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

GENERAL COMMENT BY berkey: Mon Nov 06 22:16:41 GMT 2017

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

KCOR COMMENT BY berkey: Mon Nov 06 23:13:28 GMT 2017

Since ~22:00 UT we have be running with a small shim under the south side of the Kcor O1. Here we purposely introduced a small tilt to the O1 to see if ti helps address the small south fringes. I am not sure if we have enough good data in (due to aerosols) but I dont think I see any fringes in the last ~1 hour of data.

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

Mon Nov 06 23:30:00 GMT 2017 KCOR End Patrol

Mon Nov 06 23:31:26 GMT 2017 SGS Alignment complete

Mon Nov 06 23:31:00 GMT 2017 KCOR Start Synoptic Patrol

Tue Nov 07 00:59:01 GMT 2017 COMP End Patrol

Tue Nov 07 00:59:02 GMT 2017 COMP Start Patrol on cookbook: waves-00001.cbk

Tue Nov 07 01:15:59 GMT 2017 COMP End Patrol

GENERAL COMMENT BY berkey: Tue Nov 07 01:16:18 GMT 2017

Heading down to send a box to Qian

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