
Mauna Loa Solar Observatory Observer's Log

Mon May 16 16:36:38 GMT 2016

Year: 16 Doy: 137

Observer: berkey

WEATHER COMMENT: berkey: Mon May 16 16:36:53 GMT 2016

Temp: 47.1f, Humidity: 31%, Pressure: 28.68in, Wind: 3mph from 210deg, Skies: A little hazy with patchy cirrus throughout the sky

____end____

CoMP COMMENT BY berkey: Mon May 16 16:41:38 GMT 2016

Looks like the CoMP O1 homed it self sometime between our work on Friday and beginning of day Sunday. The optical issues Greg was seeing yesterday were caused by this.

We had been reporting the O1 position in the fits header and too the main observing screen. But this morning I added some logic to move the O1 to 32mm (the focus position we found during the focus test last week) during the labview system initialization.

____end____

Mon May 16 16:45:55 GMT 2016 COMP Start Patrol on cookbook: synoptic-00002.cbk

Mon May 16 16:57:54 GMT 2016 KCOR Start Synoptic Patrol

Mon May 16 17:24:06 GMT 2016 CoMP Paused for clouds

Mon May 16 17:24:08 GMT 2016 KCOR End Patrol

Mon May 16 17:29:31 GMT 2016 KCOR Start Synoptic Patrol

Mon May 16 17:29:37 GMT 2016 CoMP Restarted from pause

KCOR COMMENT BY berkey: Mon May 16 17:30:39 GMT 2016

Blew off kcor field lens to try and address the spots seen in the south of the image.

I assume the elevated number of spots is related to turning the closed loop hepa back on after a few weeks of leaving it off.

____end____

CoMP COMMENT BY berkey: Mon May 16 17:34:55 GMT 2016

Seeing a bright spot on the edge of the CoMP field stop. We may have nicked some the edge during our occulter mods Friday.

____end____

GENERAL COMMENT BY berkey: Mon May 16 19:21:17 GMT 2016

We are about to take a series of CoMP flats and polarization calibrations sequences which will involve pulling the comp optics box cover on and off and the removal and installation of various optical elements. Kcor will be run during this sequence; but there will likely be some image quality issues while these actions take place.

____end____

Mon May 16 19:25:04 GMT 2016 COMP End Patrol

Mon May 16 19:25:05 GMT 2016 KCOR End Patrol

Mon May 16 19:27:51 GMT 2016 COMP Start Patrol on cookbook: cal_clear.cbk

Mon May 16 19:30:48 GMT 2016 COMP End Patrol

Mon May 16 19:31:00 GMT 2016 COMP Start Patrol on cookbook: cal_clear.cbk

Mon May 16 19:38:05 GMT 2016 COMP End Patrol

Mon May 16 19:38:06 GMT 2016 COMP Start Patrol on cookbook: cal_clear.cbk

Mon May 16 19:40:22 GMT 2016 COMP End Patrol

Mon May 16 19:40:23 GMT 2016 COMP Start Patrol on cookbook: pol_in.cbk

Mon May 16 19:44:25 GMT 2016 COMP End Patrol

Mon May 16 19:44:25 GMT 2016 COMP Start Patrol on cookbook: cal_pol.cbk

Mon May 16 20:08:40 GMT 2016 COMP End Patrol

Mon May 16 20:08:40 GMT 2016 COMP Start Patrol on cookbook: ret_in.cbk

Mon May 16 20:12:07 GMT 2016 COMP End Patrol

Mon May 16 20:12:08 GMT 2016 COMP Start Patrol on cookbook: cal_pol_ret.cbk

Mon May 16 20:36:21 GMT 2016 COMP End Patrol

Mon May 16 20:36:21 GMT 2016 COMP Start Patrol on cookbook: ret_out.cbk

Mon May 16 20:37:39 GMT 2016 COMP End Patrol

Mon May 16 20:37:39 GMT 2016 COMP Start Patrol on cookbook: cal_pol.cbk

Mon May 16 21:01:54 GMT 2016 COMP End Patrol

Mon May 16 21:01:55 GMT 2016 COMP Start Patrol on cookbook: pol_out.cbk

Mon May 16 21:06:34 GMT 2016 COMP End Patrol

Mon May 16 21:06:34 GMT 2016 COMP Start Patrol on cookbook: cal_clear.cbk

Mon May 16 21:13:44 GMT 2016 COMP End Patrol

Mon May 16 21:13:44 GMT 2016 COMP Start Patrol on cookbook: cal_clear.cbk

Mon May 16 21:20:54 GMT 2016 COMP End Patrol

Mon May 16 21:20:54 GMT 2016 COMP Start Patrol on cookbook: pol_in.cbk

Mon May 16 21:24:33 GMT 2016 COMP End Patrol

Mon May 16 21:24:33 GMT 2016 COMP Start Patrol on cookbook: cal_pol.cbk
Mon May 16 21:25:28 GMT 2016 COMP End Patrol
CoMP COMMENT BY berkey: Mon May 16 21:26:29 GMT 2016
Done with calpol/retarder test.
____end____
CoMP COMMENT BY berkey: Mon May 16 21:26:47 GMT 2016
Starting ND flats
____end____
Mon May 16 21:27:13 GMT 2016 COMP Start Patrol on cookbook: occulter-out.cbk
Mon May 16 21:29:11 GMT 2016 COMP End Patrol
Mon May 16 21:29:11 GMT 2016 COMP Start Patrol on cookbook: occulter-out.cbk
Mon May 16 21:29:24 GMT 2016 COMP End Patrol
Mon May 16 21:29:24 GMT 2016 COMP Start Patrol on cookbook: nd_all.cbk
Mon May 16 21:47:25 GMT 2016 COMP End Patrol
Mon May 16 21:47:25 GMT 2016 COMP Start Patrol on cookbook: occulter-in.cbk
Mon May 16 21:51:31 GMT 2016 COMP End Patrol
Mon May 16 21:56:04 GMT 2016 KCOR Start Synoptic Patrol
Mon May 16 21:58:07 GMT 2016 COMP Start Patrol on cookbook: synoptic-00002.cbk
Mon May 16 21:59:02 GMT 2016 COMP End Patrol
Mon May 16 21:59:02 GMT 2016 COMP Start Patrol on cookbook: waves-00001.cbk
Mon May 16 22:04:35 GMT 2016 KCOR End Patrol
Mon May 16 22:04:36 GMT 2016 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20150323.ini
Mon May 16 22:21:54 GMT 2016 KCOR End Calibration Script
Mon May 16 22:22:11 GMT 2016 KCOR Start Synoptic Patrol
Mon May 16 22:22:11 GMT 2016 KCOR Start Synoptic Patrol
GENERAL COMMENT BY berkey: Mon May 16 22:40:32 GMT 2016
Starting to get some cloud near the sun. Images are degrading.
____end____
Mon May 16 22:43:39 GMT 2016 KCOR End Patrol
Mon May 16 22:44:09 GMT 2016 CoMP Paused for clouds
Mon May 16 23:56:18 GMT 2016 CoMP Restarted from pause
Mon May 16 23:56:19 GMT 2016 COMP End Patrol
GENERAL COMMENT BY berkey: Mon May 16 23:56:42 GMT 2016
Looks like clouds wont clear and I am feelign a little under the weather so it will be
a 1/2 day.
____end____