
Mauna Loa Solar Observatory Observer's Log

Mon Mar 27 16:37:14 GMT 2017

Year: 17 Doy: 086

Observer: waters

Mon Mar 27 16:51:59 GMT 2017 SGS Alignment complete

WEATHER COMMENT: waters: Mon Mar 27 16:53:05 GMT 2017

Temp 44F with windspeed at about 6-11mph from the Southeast. Sky is looking clear and gorgeous this morning.

____end____

Mon Mar 27 16:55:18 GMT 2017 CoMP occulter has been re-centered

Mon Mar 27 16:57:35 GMT 2017 COMP Start Patrol on cookbook: synoptic-00010.cbk

Mon Mar 27 17:03:12 GMT 2017 COMP End Patrol

Mon Mar 27 17:23:13 GMT 2017 SGS Alignment complete

Mon Mar 27 17:25:29 GMT 2017 COMP Start Patrol on cookbook: synoptic-00010.cbk

Mon Mar 27 17:26:22 GMT 2017 Kcor Focus/alignment program exited

Mon Mar 27 17:31:04 GMT 2017 KCOR Start Synoptic Patrol

****Possible CME in Progress waters****: Mon Mar 27 18:13:01 GMT 2017

At PA 90, there is a fast cme launching at 17:40 UT and can be seen in KCOR.

____end____

You can check out the image data at:

<http://mlso.hao.ucar.edu>

Mon Mar 27 20:07:03 GMT 2017 COMP End Patrol

Mon Mar 27 20:07:04 GMT 2017 COMP Start Patrol on cookbook: waves-00001.cbk

Mon Mar 27 20:12:12 GMT 2017 COMP End Patrol

Mon Mar 27 20:12:43 GMT 2017 KCOR End Patrol

Mon Mar 27 20:14:23 GMT 2017 SGS Alignment complete

Mon Mar 27 20:14:13 GMT 2017 KCOR Start Synoptic Patrol

Mon Mar 27 20:14:43 GMT 2017 COMP Start Patrol on cookbook: waves-00001.cbk

Mon Mar 27 20:26:06 GMT 2017 KCOR End Patrol

Mon Mar 27 20:26:08 GMT 2017 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20150323.ini

Mon Mar 27 20:41:30 GMT 2017 KCOR End Calibration Script

Mon Mar 27 20:41:47 GMT 2017 KCOR Start Synoptic Patrol

Mon Mar 27 20:41:49 GMT 2017 KCOR Start Synoptic Patrol

GENERAL COMMENT BY waters: Mon Mar 27 21:24:06 GMT 2017

Realized that I calibrated when I wasn't suppose to. Sorry

____end____

Mon Mar 27 21:48:42 GMT 2017 COMP End Patrol

Mon Mar 27 21:58:00 GMT 2017 SGS Alignment complete

Mon Mar 27 21:58:30 GMT 2017 Kcor Focus/alignment program exited

Mon Mar 27 22:00:08 GMT 2017 COMP Start Patrol on cookbook: synoptic-00010.cbk

Mon Mar 27 22:02:59 GMT 2017 KCOR Start Synoptic Patrol

GENERAL COMMENT BY waters: Mon Mar 27 22:03:44 GMT 2017

Paused briefly for Ben to inspect the kcor O1 dust cover assembly.

____end____

GENERAL OBSERVATORY COMMENT BY berkey: Mon Mar 27 22:27:51 GMT 2017

We are starting to find some damage in the vinyl wall base which was installed during the 2015/2015 remodel. It looks like the damage must be associated with the wheels from the orange ladder striking. This is consistent with most of the damage being concentrated in the east near where the ladder gets parked for the morning O1 inspections. Going forward we will have to be better about vacuuming in this area as the damage is creating vinyl dust/bits which are falling to the ground. Long term we might ask facilities to come up with a metal wall base which could withstand attacks by the ladder.

____end____

Mon Mar 27 23:00:14 GMT 2017 KCOR End Patrol

Mon Mar 27 23:01:38 GMT 2017 CoMP Paused for clouds

GENERAL COMMENT BY waters: Mon Mar 27 23:18:41 GMT 2017

Kcor MC4U controller GUI is not reading the temperature controller. Ben is currently trouble shooting. The temperature controller is at the correct temperature and has been since this morning at 7am hst. It has been checked frequently throughout the day.

____end____

GENERAL COMMENT BY waters: Mon Mar 27 23:24:21 GMT 2017

Dome closed for a few low clouds coming across the observatory.

____end____

KCOR COMMENT BY waters: Mon Mar 27 23:31:28 GMT 2017

Stopped observations due to a collection of bullet holes appearing in the Kcor data at 22:44:55UT. Ben inspected the Kcor O1 and found a bug that had fallen onto the lens and possible more dust. He blew off the O1, did a wipe down of the interior box and did a visual inspection but until we resume data, we won't know if the most/all the bullet holes have been removed.

____end____

Tue Mar 28 01:32:20 GMT 2017 Kcor Focus/alignment program exited

Tue Mar 28 01:33:17 GMT 2017 CoMP Restarted from pause

Tue Mar 28 01:33:18 GMT 2017 COMP End Patrol

Tue Mar 28 01:33:45 GMT 2017 Kcor Focus/alignment program exited

Tue Mar 28 01:40:10 GMT 2017 CoMP occulter has been re-centered

GENERAL COMMENT BY waters: Tue Mar 28 01:50:22 GMT 2017

The clouds and fog have finally let up; opened the dome, got the spar on the Sun and got the instruments started. However, after letting Kcor run a bit to see how the data looked, the sky is a bit bright and there are a lot of aerosols in the air. On a side note, it looks like Ben was able to clean off the Kcor O1. Hopefully tomorrow's data will verify it.

____end____

GENERAL COMMENT BY waters: Tue Mar 28 02:00:55 GMT 2017

Dome shutter was stopping and starting again. I might try and do some 'tests' tomorrow before we start the instruments to see if I can repeat it like I was this afternoon.

____end____

GENERAL COMMENT BY waters: Tue Mar 28 02:02:10 GMT 2017

Weather was nice this morning, went in and out of some bad aerosol patches early on and then it got bad around 1130-12 hst. Hoping to morrow is much better.

____end____