
Mauna Loa Solar Observatory Observer's Log

Mon Aug 28 16:00:53 GMT 2017

Year: 17 Doy: 240

Observer: waters

WEATHER COMMENT: waters: Mon Aug 28 16:26:25 GMT 2017

Temp 40F with windspeed at about 5-10mph from the South. There are some cirrus on the Eastern horizon and another to the Southwest. The one to the Southwest is slowly traveling across the sky at present.

____end____

Mon Aug 28 17:00:39 GMT 2017 CoMP occulter has been re-centered

Mon Aug 28 17:03:11 GMT 2017 CoMP occulter has been re-centered

GENERAL COMMENT BY waters: Mon Aug 28 17:02:54 GMT 2017

Some cirrus passing through, waiting to start instruments.

____end____

Mon Aug 28 17:07:04 GMT 2017 CoMP occulter has been re-centered

Mon Aug 28 17:08:05 GMT 2017 SGS Alignment complete

Mon Aug 28 17:25:42 GMT 2017 Kcor Focus/alignment program exited

Mon Aug 28 17:25:46 GMT 2017 CoMP occulter has been re-centered

Mon Aug 28 17:26:01 GMT 2017 COMP Start Patrol on cookbook: synoptic-00010.cbk

Mon Aug 28 17:29:02 GMT 2017 KCOR Start Synoptic Patrol

KCOR COMMENT BY waters: Mon Aug 28 17:58:16 GMT 2017

Kcor O1 blown off before start up. Unfortunately, it looks like I didn't get at least one of the artifacts causing the bullet hole(s) I saw yesterday.

____end____

KCOR COMMENT BY waters: Mon Aug 28 18:07:51 GMT 2017

Going to try blowing off the O1 again.

____end____

Mon Aug 28 18:09:40 GMT 2017 KCOR End Patrol

Mon Aug 28 18:14:11 GMT 2017 KCOR Start Synoptic Patrol

Mon Aug 28 18:18:23 GMT 2017 KCOR End Patrol

Mon Aug 28 18:29:23 GMT 2017 KCOR Start Synoptic Patrol

KCOR COMMENT BY waters: Mon Aug 28 18:32:45 GMT 2017

Ben took a look at the field lense and the O1 to see if he could find/blow off the bullet holes. Unfortunately, it hasn't helped. Most likely have to pull out the O1 to address them. But until then, they will be with us.

____end____

Mon Aug 28 19:13:24 GMT 2017 KCOR End Patrol

Mon Aug 28 19:13:26 GMT 2017 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20150323.ini

Mon Aug 28 19:28:44 GMT 2017 KCOR End Calibration Script

Mon Aug 28 19:29:01 GMT 2017 KCOR Start Synoptic Patrol

Mon Aug 28 19:29:07 GMT 2017 KCOR Start Synoptic Patrol

Mon Aug 28 19:29:08 GMT 2017 KCOR End Patrol

Mon Aug 28 19:28:53 GMT 2017 CoMP Paused for clouds

GENERAL COMMENT BY waters: Mon Aug 28 19:28:19 GMT 2017

Cirrus passing through, instruments idled.

____end____

GENERAL COMMENT BY waters: Mon Aug 28 19:57:10 GMT 2017

While the instruments are idled, Ben is inspecting and cleaning the Kcor O1.

____end____

KCOR COMMENT BY berkey: Mon Aug 28 20:32:29 GMT 2017

Morning inspections and repeated attempts to blow off the O1 didnt remove the bullet holes in the NE.

A quick (due to low supplies of optics water on site) cleaning of the KCOr O1 was attempted to remove the source of these holes as well as the general dust around the rest of the lens.

Cleaning seemed effective at improve the general cleanliness of the lens. But I believe we were unable to remove the source of the big hole. This appears to be a small spec of something on the front that didn't respond to alcohol, soap, light pressure with wipes.

With replenished supplies of water I think we might consider (especially if the image artifacts remain) another washing later in the week.

____end____

GENERAL COMMENT BY waters: Mon Aug 28 20:36:53 GMT 2017

Clouds over head are a little dark, closing the dome just in case.

____end____

GENERAL COMMENT BY waters: Mon Aug 28 22:41:00 GMT 2017

Raining

____end____

GENERAL COMMENT BY waters: Tue Aug 29 01:30:04 GMT 2017

Got a bit of data until about 1928 UT. Then the clouds rolled in and we got about an inch of rain up here today so far. Hopefully the weather will be better.

____end____

GENERAL COMMENT BY berkey: Tue Aug 29 02:10:54 GMT 2017

Hopefully the water tanks filled up in the NOAA buildings. Still raining.

____end____