
Mauna Loa Solar Observatory Observer's Log

Tue Feb 27 16:41:58 GMT 2018

Year: 18 Doy: 058

Observer: waters

WEATHER COMMENT: waters: Tue Feb 27 17:15:40 GMT 2018

Temp 37F with windspeed at about 4-10mph from the South-Southeast. Cirrus covering most of the sky at present but looks like it might clear soon. Board walk was slick this morning; walking on the lava was a much safer bet.

____end____

GENERAL COMMENT BY waters: Tue Feb 27 17:39:02 GMT 2018

PM Blew off Kcor O1

____end____

GENERAL COMMENT BY waters: Tue Feb 27 17:39:06 GMT 2018

PM Blew off CoMP O1

____end____

Tue Feb 27 17:53:57 GMT 2018 SGS Alignment complete

Tue Feb 27 17:54:15 GMT 2018 Kcor Focus/alignment program exited

Tue Feb 27 17:59:18 GMT 2018 KCOR Start Synoptic Patrol

CoMP COMMENT BY waters: Tue Feb 27 18:05:07 GMT 2018

CoMP looked a little weird when we wen to center the occulter; the background around the center image looked indigo and then the top left image looked like something was covering a sliver of it. You can aksii see the post. Stopping and starting the GUI didn't help. Allen is doing an inspection now.

____end____

GENERAL COMMENT BY waters: Tue Feb 27 18:17:51 GMT 2018

Some cirrus floating through, pushing K-Cor through.

____end____

Tue Feb 27 18:18:12 GMT 2018 CoMP occulter has been re-centered

Tue Feb 27 18:19:42 GMT 2018 CoMP Start Patrol on cookbook: synoptic-00012.cbk

Tue Feb 27 18:29:51 GMT 2018 CoMP Paused for clouds

Tue Feb 27 18:29:58 GMT 2018 KCOR End Patrol

****CoMP PROBLEM COMMENT BY waters**** : Tue Feb 27 18:56:27 GMT 2018

Paused instruments to do a physcial inspection of CoMP. Allen inspected the lens, looked down the tube, took off the aft optics cover and inspected inside. Nothing looked off or out of place. Double checked the O1 to see if it might be seated slightly off but everything was fine, as far as we could tell. Not sure what to make of it.

____end____

GENERAL COMMENT BY waters: Tue Feb 27 18:56:54 GMT 2018

Instruments remaining idle until cirrus has passed.

____end____

Tue Feb 27 19:08:15 GMT 2018 CoMP Restarted from pause

Tue Feb 27 19:08:16 GMT 2018 CoMP End Patrol

Tue Feb 27 19:08:49 GMT 2018 CoMP occulter has been re-centered

Tue Feb 27 19:12:39 GMT 2018 KCOR Start Synoptic Patrol

****CoMP PROBLEM COMMENT BY waters**** : Tue Feb 27 19:14:53 GMT 2018

Tested the filter wheels using a program that Ben had made to do such a thing. Everything seemed to be reading out fine, no errors. Didn't make a difference.

____end____

Tue Feb 27 19:20:23 GMT 2018 KCOR End Patrol

GENERAL COMMENT BY waters: Tue Feb 27 19:21:13 GMT 2018
Paused K-Cor, sky is getting a little bright
____end____

Tue Feb 27 19:24:05 GMT 2018 KCOR Start Synoptic Patrol
Tue Feb 27 19:28:05 GMT 2018 KCOR End Patrol
Tue Feb 27 19:31:11 GMT 2018 KCOR Start Synoptic Patrol
Tue Feb 27 19:32:21 GMT 2018 CoMP occulter has been re-centered
Tue Feb 27 19:36:55 GMT 2018 KCOR End Patrol

GENERAL COMMENT BY waters: Tue Feb 27 19:37:57 GMT 2018
Idling K-Cor for bright sky.
____end____

CoMP PROBLEM COMMENT BY waters : Tue Feb 27 19:45:57 GMT 2018
The focus lens ran fine, with a nice curve but when we started to take data, the two solar images looked bad. Lots of bullet holes, brightening around the image but the two images weren't identical. The bottom right had bullet holes that the upper left didn't have and the upper left looked like something is partially covering it in the top left. Something to note, is that K-Cor data looked perfectly fine. Halting CoMP data for now until the issue is resolved. It doesn't seem like we'd get any data with how it is now.
____end____

Tue Feb 27 19:57:36 GMT 2018 KCOR Start Synoptic Patrol
Tue Feb 27 20:00:02 GMT 2018 KCOR End Patrol

GENERAL COMMENT BY waters: Tue Feb 27 20:00:26 GMT 2018
Cirrus crossing again, K-Cor idled.
____end____

GENERAL COMMENT BY waters: Tue Feb 27 20:01:58 GMT 2018
CMEDetection software not working. GUI remains blank when hitting the start button.
____end____

GENERAL COMMENT BY waters: Tue Feb 27 21:42:34 GMT 2018
Closed the dome for some low looking clouds off to the West, just in case.
____end____

WEATHER COMMENT: waters: Wed Feb 28 02:29:09 GMT 2018
Unfortunately, we got clouded out after 10am hst. Hopefully tomorrow will be better.
____end____

ONSITE STAFF: stueben, waters