
Mauna Loa Solar Observatory Observer's Log

Fri Apr 7 16:11:53 GMT 2017

Year: 17 Doy: 097

Observer: waters

WEATHER COMMENT: waters: Fri Apr 07 16:37:22 GMT 2017

Temp: 48.8f, Humidity: 16%, Pressure: 28.727in, Wind: 9-14mph from the Southeast. Sky is clear this morning.

____end____

Fri Apr 07 16:40:57 GMT 2017 Kcor Focus/alignment program exited

KCOR COMMENT BY berkey: Fri Apr 07 16:52:18 GMT 2017

Pulled the O1 out to blow off the back side. Instrument is back together.

____end____

Fri Apr 07 17:12:11 GMT 2017 SGS Alignment complete

Fri Apr 07 17:14:10 GMT 2017 CoMP occulter has been re-centered

Fri Apr 07 17:23:52 GMT 2017 Kcor Focus/alignment program exited

Fri Apr 07 17:24:47 GMT 2017 CoMP occulter has been re-centered

Fri Apr 07 17:26:17 GMT 2017 COMP Start Patrol on cookbook: synoptic-00010.cbk

Fri Apr 07 17:27:00 GMT 2017 KCOR Start Synoptic Patrol

KCOR COMMENT BY waters: Fri Apr 07 17:57:17 GMT 2017

Ran through the Kcor focus GUI as usually, with the ND filter in. Got an O1 focus at 134.21 mm. Then took the ND filter out and tried to focus Kcor manually. Drove it till it was just out of focus on both sides and then went to the middle ground. I found it at 134.19mm.

____end____

GENERAL COMMENT BY waters: Fri Apr 07 18:22:14 GMT 2017

The bullet wholes in the data appear to be gone. This mornings work paid off. Thanks Ben!

____end____

Fri Apr 07 20:07:53 GMT 2017 COMP End Patrol

Fri Apr 07 20:08:03 GMT 2017 KCOR End Patrol

Fri Apr 07 20:09:05 GMT 2017 SGS Alignment complete

Fri Apr 07 20:08:43 GMT 2017 KCOR Start Synoptic Patrol

Fri Apr 07 20:09:57 GMT 2017 CoMP occulter has been re-centered

Fri Apr 07 20:10:01 GMT 2017 COMP Start Patrol on cookbook: waves-00001.cbk

Fri Apr 07 21:41:56 GMT 2017 KCOR End Patrol

Fri Apr 07 21:42:12 GMT 2017 COMP End Patrol

Fri Apr 07 21:44:39 GMT 2017 SGS Alignment complete

Fri Apr 07 21:45:06 GMT 2017 CoMP occulter has been re-centered

Fri Apr 07 21:45:45 GMT 2017 Kcor Focus/alignment program exited

Fri Apr 07 21:46:35 GMT 2017 COMP Start Patrol on cookbook: synoptic-00010.cbk

Fri Apr 07 21:48:54 GMT 2017 KCOR Start Synoptic Patrol

GENERAL COMMENT BY waters: Fri Apr 07 23:01:03 GMT 2017

Aerosols got really bad around 22:05 UT. Still taking data but it's not very good.

____end____

Fri Apr 07 23:34:05 GMT 2017 KCOR End Patrol

Fri Apr 07 23:34:36 GMT 2017 CoMP Paused for clouds

GENERAL COMMENT BY waters: Fri Apr 07 23:34:10 GMT 2017

The sky is getting a bit bright; idling instruments for a bit.

____end____

Fri Apr 07 23:59:10 GMT 2017 KCOR Start Synoptic Patrol

Fri Apr 07 23:59:10 GMT 2017 CoMP Restarted from pause

****EVENT COMMENT BY waters**** : Sat Apr 08 00:22:58 GMT 2017

The Sun has some active areas on the limb today; between PA 250-270, there is a fair amount of plasma exchange going on. At 19:47 UT, a prominence shoots up and then collapse back down almost immediately. Can be seen in GONG. At PA 90, around 17:28 UT, it looks like a part of the corona is expanding. It's hard to explain and also hard to see what may be going on since the areosols started early today. Can be seen in Kcor.

____end____

GENERAL COMMENT BY waters: Sat Apr 08 00:23:54 GMT 2017

Looks like the areosols are clearing just a little bit.

____end____

Sat Apr 08 00:53:14 GMT 2017 COMP End Patrol

Sat Apr 08 00:53:20 GMT 2017 KCOR End Patrol

Sat Apr 08 00:54:55 GMT 2017 SGS Alignment complete

Sat Apr 08 00:54:32 GMT 2017 KCOR Start Synoptic Patrol

Sat Apr 08 00:55:03 GMT 2017 CoMP occulter has been re-centered

Sat Apr 08 00:55:05 GMT 2017 COMP Start Patrol on cookbook: waves-00001.cbk

Sat Apr 08 02:22:42 GMT 2017 COMP End Patrol

Sat Apr 08 02:22:52 GMT 2017 KCOR End Patrol