
Mauna Loa Solar Observatory Observer's Log

Mon Aug 12 15:58:21 GMT 2019

Year: 19 Doy: 224

Observer: waters

WEATHER COMMENT: waters: Mon Aug 12 16:12:53 GMT 2019

Temp 39F with windspeed at about 9-15mph from the South-Southeast. Few scattered cirrus are making their way across from the West. Should be able to take data as soon as Kcor is above the dome, hopefully.

____end____

GENERAL COMMENT BY waters: Mon Aug 12 16:32:11 GMT 2019

PM Blew off Kcor 01

____end____

GENERAL OBSERVATORY COMMENT BY waters: Mon Aug 12 16:32:26 GMT 2019

Windows opened upstairs

____end____

GENERAL OBSERVATORY COMMENT BY waters: Mon Aug 12 16:32:37 GMT 2019

The spar was locked vertically since Saturday as no one was on site yesterday. No idea as to why as there are no notes in the log.

____end____

KCOR COMMENT BY waters: Mon Aug 12 17:04:15 GMT 2019

Kcor above dome 13.48

____end____

Mon Aug 12 17:05:22 GMT 2019 SGS Alignment complete

GENERAL OBSERVATORY COMMENT BY waters: Mon Aug 12 17:06:42 GMT 2019

Have a thin band of cirrus crossing at present; waiting for it to pass before starting up

____end____

Mon Aug 12 17:12:25 GMT 2019 Kcor Focus/alignment program exited

Mon Aug 12 17:13:39 GMT 2019 KCOR Modulation started in the proper state

GENERAL OBSERVATORY COMMENT BY waters: Mon Aug 12 17:15:15 GMT 2019

Some very light cirrus passing, pushing Kcor through it

____end____

Mon Aug 12 17:16:14 GMT 2019 KCOR Start Synoptic Patrol

GENERAL OBSERVATORY COMMENT BY waters: Mon Aug 12 17:21:14 GMT 2019

Shabar was not happy this morning. Had to unplug and then plug it back in. Seems to be happy again

____end____

Mon Aug 12 18:05:00 GMT 2019 KCOR End Patrol

Mon Aug 12 18:05:32 GMT 2019 SGS Alignment complete

Mon Aug 12 18:05:16 GMT 2019 KCOR Start Synoptic Patrol

Mon Aug 12 18:39:59 GMT 2019 KCOR End Patrol

GENERAL OBSERVATORY COMMENT BY waters: Mon Aug 12 18:40:07 GMT 2019

Some cirrus passing through, Kcor idled for a bit

____end____

****EVENT COMMENT BY waters**** : Mon Aug 12 18:40:44 GMT 2019

At PA 70 starting from before we took data, there seems to be something bright moving through the corona. Can be seen in Kcor

____end____

GENERAL OBSERVATORY COMMENT BY waters: Mon Aug 12 19:07:11 GMT 2019

Sky is way too bright at present to take data.

____end____

GONG COMMENT BY waters: Mon Aug 12 22:53:27 GMT 2019

Went down to the GONG shelter and took a look at their new AC system. They're currently trying to figure out the air flow for the unit and I gave my two cents since we are the ones who work down in the shelter. Also learned and helped to read voltages for their guider cards as the cirrus is still impeding our ability to take data.

____end____

Mon Aug 12 23:05:21 GMT 2019 SGS Alignment complete

GENERAL OBSERVATORY COMMENT BY waters: Mon Aug 12 23:05:11 GMT 2019

There are a lot of aerosols but it looks like we can take some data, for a time at least. Starting up

____end____

Mon Aug 12 23:06:21 GMT 2019 Kcor Focus/alignment program exited

Mon Aug 12 23:07:45 GMT 2019 KCOR Modulation started in the proper state

Mon Aug 12 23:09:04 GMT 2019 KCOR Start Synoptic Patrol

Mon Aug 12 23:11:26 GMT 2019 KCOR End Patrol

Mon Aug 12 23:11:35 GMT 2019 KCOR Start Synoptic Patrol

Mon Aug 12 23:12:06 GMT 2019 KCOR End Patrol

GENERAL OBSERVATORY COMMENT BY waters: Mon Aug 12 23:12:38 GMT 2019

Spoke too soon; sky getting bright, Kcor idled

____end____

GENERAL OBSERVATORY COMMENT BY waters: Mon Aug 12 23:30:41 GMT 2019

Cirrostratus currently covering the sky with cirrus crossing as well.

____end____

GENERAL OBSERVATORY COMMENT BY waters: Tue Aug 13 00:21:24 GMT 2019

Low clouds coming in from Saddle, closing the dome just in case

____end____

GENERAL OBSERVATORY COMMENT BY waters: Tue Aug 13 02:24:27 GMT 2019

Unfortunately, the sky became completely covered as the day wore on. Hoping tomorrow is a better day.

____end____

ONSITE STAFF: waters