
Mauna Loa Solar Observatory Observer's Log

Fri Dec 27 17:03:21 GMT 2019

Year: 19 Doy: 361

Observer: waters

WEATHER COMMENT: waters: Fri Dec 27 17:10:40 GMT 2019

Temp 39F with windspeed at about 8-13mph from the South. Clouds coming from the South, currently covering the start of the
Suns' path this morning. Will wait for better conditions before opening.

____end____

GENERAL COMMENT BY waters: Fri Dec 27 17:59:03 GMT 2019

PM Blew off Kcor 01

____end____

GENERAL OBSERVATORY COMMENT BY waters: Fri Dec 27 17:59:04 GMT 2019

Windows opened upstairs

____end____

Fri Dec 27 17:59:58 GMT 2019 SGS Alignment complete

Fri Dec 27 18:00:50 GMT 2019 Kcor Focus/alignment program exited

Fri Dec 27 18:04:28 GMT 2019 KCOR Start Synoptic Patrol

KCOR COMMENT BY waters: Fri Dec 27 18:03:37 GMT 2019

Got the bufin error again. There are two errors that popped up, which means I must have skipped pasted it last time when t
rying to get socketcam to work. They are as follows:

Bufin Error: Error in Function Bufin Internal Error. An error has ocured within the working thread. Look at error stack t
o find error.

Bufin Error: Error in function CircularWorkerThread. The worker thread has timed out. Try increasing the time out value in
the camera file.

I think I know what might be triggering this error, when we hit our new buttons to switch between screens, sometimes it ac
ts like the button is being held down on the previous screen and it causes something to move constantly, even when you swi
tch back. You have to hit the same button you switch back to to get it to stop freaking out so to speak. One indicator is
that at the top of the screen, the channel and name of the screen doesn't pop up when you switch. But I think this might b
e the cause of the bufin error I've been seeing. Sorry, it's hard to describe.

____end____

GENERAL OBSERVATORY COMMENT BY berkey: Fri Dec 27 18:39:28 GMT 2019

Looks like the anium script that launched the NRGF animiations on the mountain was doing a search gifs with the string l1
in the filename. Recently the pipeline started calling these files L2 so no images where found. The anium script has been
change to now look for the pattern nrgf.gif which seems consistant acorss the l1/l2 (L1.5?) naming patterns the pipeline
has produced over time.

____end____

GENERAL OBSERVATORY COMMENT BY waters: Fri Dec 27 19:37:35 GMT 2019

Going to delay calibrations as it looks like a prominence has been launching since before we started this morning.

____end____

Fri Dec 27 19:45:29 GMT 2019 KCOR End Patrol

Fri Dec 27 19:45:33 GMT 2019 KCOR End Patrol

Fri Dec 27 19:45:58 GMT 2019 SGS Alignment complete

Fri Dec 27 19:45:54 GMT 2019 KCOR Start Synoptic Patrol

Fri Dec 27 20:12:08 GMT 2019 KCOR End Patrol

Fri Dec 27 20:13:58 GMT 2019 SGS Alignment complete

Fri Dec 27 20:13:56 GMT 2019 KCOR Start Synoptic Patrol

GENERAL OBSERVATORY COMMENT BY waters: Fri Dec 27 20:12:13 GMT 2019

Looks like Kcor images are looking polarized again, restarting the K-Cor Synoptic Acquisition GUI to see if that helps.

____end____

GENERAL OBSERVATORY COMMENT BY waters: Fri Dec 27 20:17:09 GMT 2019

Sky got bright between 19:44:46 UT and 19:57:40UT but pushed through it.

____end____

Fri Dec 27 20:44:06 GMT 2019 KCOR End Patrol

Fri Dec 27 20:44:16 GMT 2019 KCOR End Patrol

Fri Dec 27 20:44:36 GMT 2019 SGS Alignment complete

Fri Dec 27 20:44:32 GMT 2019 KCOR Start Synoptic Patrol

Fri Dec 27 20:53:08 GMT 2019 KCOR End Patrol

Fri Dec 27 20:53:22 GMT 2019 KCOR End Patrol

Fri Dec 27 20:53:42 GMT 2019 SGS Alignment complete

Fri Dec 27 20:53:39 GMT 2019 KCOR Start Synoptic Patrol

Fri Dec 27 21:20:11 GMT 2019 KCOR End Patrol

GENERAL OBSERVATORY COMMENT BY waters: Fri Dec 27 21:20:14 GMT 2019

Clouds coming in from the South, Kcor stopped for a bit.

____end____

GENERAL OBSERVATORY COMMENT BY waters: Fri Dec 27 21:58:11 GMT 2019

Some clouds look a little low, closing the dome just in case

____end____

****EVENT COMMENT BY waters**** : Fri Dec 27 21:59:43 GMT 2019

At PA 285, it looks like a prominence may have started launching before start-up this morning, however, it is hard to tell once the aerosols picked up. Can be seen in both GONG and KCor.

____end____

Fri Dec 27 22:36:26 GMT 2019 Kcor Focus/alignment program exited

Fri Dec 27 22:38:19 GMT 2019 SGS Alignment complete

Fri Dec 27 22:38:22 GMT 2019 KCOR Start Synoptic Patrol

Fri Dec 27 22:47:08 GMT 2019 KCOR End Patrol

Fri Dec 27 22:47:21 GMT 2019 KCOR End Patrol

GENERAL OBSERVATORY COMMENT BY waters: Fri Dec 27 22:48:36 GMT 2019

Low clouds came in fast, Kcor stopped and dome closed

____end____

GENERAL OBSERVATORY COMMENT BY waters: Sat Dec 28 00:25:49 GMT 2019

Nice morning with low aerosols but by around 10:00am HST, they came in a bit heavy and stayed. Clouds came in in the afternoon and stayed.

____end____

ONSITE STAFF: waters