

-----  
Mauna Loa Solar Observatory Observer's Log  
-----

Tue Dec 24 16:47:27 GMT 2019

Year: 19 Doy: 358

Observer: waters

WEATHER COMMENT: waters: Tue Dec 24 17:14:49 GMT 2019

Temp 46F with windspeed at about 15-20mph South-Southeast. Except for a few scattered cirrus, sky is clear.

\_\_\_\_end\_\_\_\_

GENERAL COMMENT BY waters: Tue Dec 24 17:29:10 GMT 2019

PM Blew off Kcor 01

\_\_\_\_end\_\_\_\_

GENERAL OBSERVATORY COMMENT BY waters: Tue Dec 24 17:29:00 GMT 2019

Windows opened upstairs

\_\_\_\_end\_\_\_\_

GENERAL OBSERVATORY COMMENT BY waters: Tue Dec 24 17:32:32 GMT 2019

KCor Focus.vi seems rather slow than normal. Quitting it and restarting didn't seem to fix it. Might restart KCor 2 in case this is also a problem with Kcor synoptic as well.

\_\_\_\_end\_\_\_\_

GENERAL OBSERVATORY COMMENT BY waters: Tue Dec 24 17:53:55 GMT 2019

Restarting KCor 2 didn't help the slowness of the focus.vi.

\_\_\_\_end\_\_\_\_

GENERAL OBSERVATORY COMMENT BY waters: Tue Dec 24 17:57:18 GMT 2019

Kcor above dome

\_\_\_\_end\_\_\_\_

Tue Dec 24 17:58:02 GMT 2019 SGS Alignment complete

Tue Dec 24 17:59:06 GMT 2019 Kcor Focus/alignment program exited

Tue Dec 24 18:03:38 GMT 2019 KCOR Start Synoptic Patrol

GENERAL OBSERVATORY COMMENT BY waters: Tue Dec 24 18:04:12 GMT 2019

Socketcam and KCor synoptic were not working correctly. A Bufin Error occured: Erro in Function Bufin Internal Error. An error has occured withing the working thread. Look at error stack to find error.

Restarted both the Synoptic GUI and socketcam; after three times, KCor Synoptic and socketcam started working.

\_\_\_\_end\_\_\_\_

Tue Dec 24 18:57:08 GMT 2019 KCOR End Patrol

Tue Dec 24 18:57:12 GMT 2019 KCOR End Patrol

Tue Dec 24 18:57:32 GMT 2019 SGS Alignment complete

Tue Dec 24 18:57:33 GMT 2019 KCOR Start Synoptic Patrol

Tue Dec 24 19:37:06 GMT 2019 KCOR End Patrol

Tue Dec 24 19:37:09 GMT 2019 KCOR End Patrol

Tue Dec 24 19:37:33 GMT 2019 SGS Alignment complete

Tue Dec 24 19:37:41 GMT 2019 KCOR Start Synoptic Patrol

Tue Dec 24 19:53:34 GMT 2019 KCOR End Patrol

Tue Dec 24 19:53:35 GMT 2019 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20171025.ini

Tue Dec 24 20:08:46 GMT 2019 KCOR End Calibration Script

Tue Dec 24 20:08:47 GMT 2019 KCOR End Patrol

Tue Dec 24 20:08:51 GMT 2019 KCOR Start Synoptic Patrol

Tue Dec 24 20:16:49 GMT 2019 KCOR End Patrol

Tue Dec 24 20:16:51 GMT 2019 KCOR End Patrol

Tue Dec 24 20:17:18 GMT 2019 SGS Alignment complete  
Tue Dec 24 20:17:18 GMT 2019 KCOR Start Synoptic Patrol  
Tue Dec 24 20:45:04 GMT 2019 KCOR End Patrol  
Tue Dec 24 20:45:10 GMT 2019 KCOR End Patrol  
Tue Dec 24 20:45:30 GMT 2019 SGS Alignment complete  
Tue Dec 24 20:45:29 GMT 2019 KCOR Start Synoptic Patrol  
Tue Dec 24 21:29:47 GMT 2019 KCOR End Patrol  
Tue Dec 24 21:29:56 GMT 2019 KCOR End Patrol  
Tue Dec 24 21:30:34 GMT 2019 SGS Alignment complete  
Tue Dec 24 21:30:33 GMT 2019 KCOR Start Synoptic Patrol  
Tue Dec 24 21:31:03 GMT 2019 KCOR End Patrol  
Tue Dec 24 21:31:11 GMT 2019 KCOR End Patrol  
GENERAL OBSERVATORY COMMENT BY waters: Tue Dec 24 21:31:23 GMT 2019  
Cloud passing, Kcor idled  
\_\_\_\_end\_\_\_\_

Tue Dec 24 21:35:28 GMT 2019 KCOR Start Synoptic Patrol  
Tue Dec 24 21:35:30 GMT 2019 KCOR End Patrol  
Tue Dec 24 21:35:45 GMT 2019 KCOR End Patrol  
Tue Dec 24 21:42:11 GMT 2019 Kcor Focus/alignment program exited  
Tue Dec 24 21:42:47 GMT 2019 KCOR Start Synoptic Patrol  
Tue Dec 24 21:57:22 GMT 2019 KCOR End Patrol  
Tue Dec 24 21:57:24 GMT 2019 KCOR End Patrol  
Tue Dec 24 21:57:49 GMT 2019 SGS Alignment complete  
Tue Dec 24 21:57:49 GMT 2019 KCOR Start Synoptic Patrol  
KCOR COMMENT BY waters: Tue Dec 24 21:52:35 GMT 2019  
Between 20:15:19-21:35:13 UT, the images produced look as if it started up in the wrong polarization state. However, nothing was done at the time this was triggered, so I have no idea what caused these images. The calibration ended at 20:08:46 and we have a couple of good images before this happened. Things look better now

\_\_\_\_end\_\_\_\_  
GENERAL OBSERVATORY COMMENT BY waters: Tue Dec 24 22:05:05 GMT 2019  
Some clouds passing from the South, pushing through them at present.

\_\_\_\_end\_\_\_\_  
Tue Dec 24 22:09:15 GMT 2019 KCOR End Patrol  
Tue Dec 24 22:09:17 GMT 2019 KCOR End Patrol  
Tue Dec 24 22:09:41 GMT 2019 SGS Alignment complete  
Tue Dec 24 22:09:44 GMT 2019 KCOR Start Synoptic Patrol  
Tue Dec 24 22:22:56 GMT 2019 KCOR End Patrol  
GENERAL OBSERVATORY COMMENT BY waters: Tue Dec 24 22:24:44 GMT 2019  
Clouds crossing, Kcor stopped

\_\_\_\_end\_\_\_\_  
Tue Dec 24 22:26:42 GMT 2019 KCOR Start Synoptic Patrol  
Tue Dec 24 22:30:33 GMT 2019 KCOR End Patrol  
Tue Dec 24 22:30:45 GMT 2019 KCOR End Patrol  
Tue Dec 24 22:31:19 GMT 2019 KCOR Start Synoptic Patrol  
Tue Dec 24 22:32:47 GMT 2019 KCOR End Patrol  
Tue Dec 24 22:33:01 GMT 2019 KCOR End Patrol  
GENERAL OBSERVATORY COMMENT BY waters: Tue Dec 24 22:37:33 GMT 2019

Clouds crossing again, Kcor stopped

\_\_\_\_end\_\_\_\_

Tue Dec 24 22:41:15 GMT 2019 KCOR Start Synoptic Patrol

Tue Dec 24 22:43:39 GMT 2019 KCOR End Patrol

Tue Dec 24 22:44:56 GMT 2019 KCOR Start Synoptic Patrol

Wed Dec 25 00:15:11 GMT 2019 KCOR End Patrol

Wed Dec 25 00:15:43 GMT 2019 KCOR Start Synoptic Patrol

Wed Dec 25 00:19:20 GMT 2019 KCOR End Patrol

GENERAL OBSERVATORY COMMENT BY waters: Wed Dec 25 00:20:10 GMT 2019

Sky is getting too bright. Stopping Kcor.

\_\_\_\_end\_\_\_\_

GENERAL OBSERVATORY COMMENT BY waters: Wed Dec 25 00:25:34 GMT 2019

Besides a few hiccups with socketcam and a few passing clouds, not too bad of a day; the aerosols came in a bit heavy when the wind calmed down but a good amount of data.

\_\_\_\_end\_\_\_\_

ONSITE STAFF: waters