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Mauna Loa Solar Observatory Observer's Log  
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Fri May 24 15:58:57 GMT 2019

Year: 19 Doy: 144

Observer: waters

WEATHER COMMENT: waters: Fri May 24 16:14:41 GMT 2019

Temp 48F with windspeed at about 11-16mph from the Southeast. Sky looks clear.

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

GENERAL COMMENT BY waters: Fri May 24 16:22:06 GMT 2019

PM Blew off Kcor 01

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

GENERAL OBSERVATORY COMMENT BY waters: Fri May 24 16:22:16 GMT 2019

Windows opened upstairs

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

GENERAL OBSERVATORY COMMENT BY waters: Fri May 24 16:48:41 GMT 2019

Kcor above dome

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

Fri May 24 16:50:18 GMT 2019 SGS Alignment complete

Fri May 24 16:50:59 GMT 2019 Kcor Focus/alignment program exited

Fri May 24 16:53:38 GMT 2019 KCOR Start Synoptic Patrol

WEATHER COMMENT: waters: Fri May 24 18:09:09 GMT 2019

Wind has shifted to the East-Northeast and is starting to gust above 20mph. Will keep an eye on things

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

Fri May 24 18:12:23 GMT 2019 KCOR End Patrol

Fri May 24 18:13:27 GMT 2019 SGS Alignment complete

Fri May 24 18:12:47 GMT 2019 KCOR Start Synoptic Patrol

GENERAL OBSERVATORY COMMENT BY waters: Fri May 24 19:06:53 GMT 2019

Closed the bottom shutter to help with the spar shake we're getting while we're facing the wind. Wind is between at about 13mph with gusts between 15-20mph from the East-Northeast.

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

GENERAL OBSERVATORY COMMENT BY waters: Fri May 24 19:08:32 GMT 2019

MLSO comment logger crashed again

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

GENERAL OBSERVATORY COMMENT BY waters: Fri May 24 19:15:42 GMT 2019

Iwii was very slow this morning. Tried to restart it but after three hours, it was stuck trying to install. Did a hard reboot and is coming back online now.

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Fri May 24 19:30:05 GMT 2019 KCOR End Patrol

Fri May 24 19:30:06 GMT 2019 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20171025.ini

Fri May 24 19:45:24 GMT 2019 KCOR End Calibration Script

Fri May 24 19:45:41 GMT 2019 KCOR Start Synoptic Patrol

Fri May 24 19:45:42 GMT 2019 KCOR Start Synoptic Patrol

Fri May 24 19:57:14 GMT 2019 KCOR End Patrol

Fri May 24 19:58:37 GMT 2019 SGS Alignment complete

Fri May 24 19:57:55 GMT 2019 KCOR Start Synoptic Patrol

GENERAL OBSERVATORY COMMENT BY waters: Fri May 24 20:27:50 GMT 2019

Iwii started freezing again, went to restart it and it got hung up on trying to shut down. Did a hard reboot, but when I h

it the power button to turn it back on, nothing happened. It didn't turn back on. I waited five minutes and tried again. Came back on.

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

Fri May 24 21:47:37 GMT 2019 KCOR End Patrol

Fri May 24 21:48:40 GMT 2019 SGS Alignment complete

Fri May 24 21:48:01 GMT 2019 KCOR Start Synoptic Patrol

Fri May 24 22:11:32 GMT 2019 KCOR End Patrol

GENERAL OBSERVATORY COMMENT BY waters: Fri May 24 22:11:34 GMT 2019

Cirrus coming in from the West, Kcor idled for a bit

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

GENERAL OBSERVATORY COMMENT BY waters: Fri May 24 23:45:44 GMT 2019

Sky looks clear but it is still too bright for Kcor.

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

Sat May 25 00:58:31 GMT 2019 SGS Alignment complete

GONG COMMENT BY waters: Sat May 25 00:58:29 GMT 2019

GONG was showing red for a while so I headed down to the shelter to check up on things. The computers had lost contact with the instrument chassis. Restarting it seems to have helped but we will see as some of it has turned yellow now.

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

GENERAL OBSERVATORY COMMENT BY waters: Sat May 25 01:01:51 GMT 2019

Sky looked good and was about to start back up when some cirrus from the South started crossing. Here's to hoping it moves along soon.

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

Sat May 25 01:06:38 GMT 2019 Kcor Focus/alignment program exited

Sat May 25 01:13:24 GMT 2019 SGS Alignment complete

Sat May 25 01:12:41 GMT 2019 KCOR Start Synoptic Patrol

GENERAL OBSERVATORY COMMENT BY waters: Sat May 25 01:13:36 GMT 2019

The East facing windows were partially closed when the dome lower dome shutter was closed. However, at some point, they were closed by a gust of wind. Going to leave them closed for the rest of the afternoon.

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

GENERAL OBSERVATORY COMMENT BY waters: Sat May 25 01:16:11 GMT 2019

Lower dome shutter lowered/opened

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

Sat May 25 01:35:40 GMT 2019 KCOR End Patrol

Sat May 25 01:37:46 GMT 2019 KCOR Start Synoptic Patrol

Sat May 25 02:53:09 GMT 2019 KCOR End Patrol

Sat May 25 02:53:11 GMT 2019 KCOR Start Synoptic Patrol

Sat May 25 02:53:12 GMT 2019 KCOR End Patrol

GENERAL OBSERVATORY COMMENT BY waters: Sat May 25 02:56:47 GMT 2019

Not too bad of a day to take data; besides the cirrus that crossed in the afternoon, the wind kept the aerosols down, so the data looks alright, even this late in the afternoon but the fringing can be seen this late too.

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

ONSITE STAFF: waters