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Mauna Loa Solar Observatory Observer's Log  
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Sun Aug 25 16:01:46 GMT 2019

Year: 19 Doy: 237

Observer: waters

WEATHER COMMENT: waters: Sun Aug 25 16:14:58 GMT 2019

Temp 45F with windspeed at about 13-18mph from the South-Southeast.

Sky is clear except for one or two bands of cirrus scattered across the sky. There seems to be a haze/vog at about 10,000ft or higher.

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

GENERAL COMMENT BY waters: Sun Aug 25 16:34:14 GMT 2019

PM Blew off Kcor 01

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

GENERAL OBSERVATORY COMMENT BY waters: Sun Aug 25 16:34:28 GMT 2019

Windows opened upstairs

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

KCOR COMMENT BY waters: Sun Aug 25 17:06:21 GMT 2019

Kcor above dome 13.4

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

Sun Aug 25 17:06:52 GMT 2019 SGS Alignment complete

Sun Aug 25 17:08:11 GMT 2019 Kcor Focus/alignment program exited

Sun Aug 25 17:09:33 GMT 2019 KCOR Modulation started in the proper state

Sun Aug 25 17:10:56 GMT 2019 KCOR Start Synoptic Patrol

Sun Aug 25 18:13:20 GMT 2019 KCOR End Patrol

Sun Aug 25 18:13:34 GMT 2019 SGS Alignment complete

Sun Aug 25 18:13:36 GMT 2019 KCOR Start Synoptic Patrol

Sun Aug 25 18:20:25 GMT 2019 KCOR End Patrol

GENERAL OBSERVATORY COMMENT BY waters: Sun Aug 25 18:20:37 GMT 2019

A small bit of cirrus passing, pushing through.

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

Sun Aug 25 18:23:32 GMT 2019 KCOR Start Synoptic Patrol

Sun Aug 25 18:40:25 GMT 2019 KCOR End Patrol

Sun Aug 25 18:40:40 GMT 2019 SGS Alignment complete

Sun Aug 25 18:40:42 GMT 2019 KCOR Start Synoptic Patrol

Sun Aug 25 19:19:36 GMT 2019 KCOR End Patrol

GENERAL OBSERVATORY COMMENT BY waters: Sun Aug 25 19:20:45 GMT 2019

Some cirrus passing, Kcor idled for a little bit.

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

Sun Aug 25 19:25:36 GMT 2019 KCOR Start Synoptic Patrol

GENERAL OBSERVATORY COMMENT BY waters: Sun Aug 25 19:27:19 GMT 2019

Was starting to see the spar shake above and below 40/-40 arcsec. Closed the lower shutter to see if that will help. Currently wind between 14-19mph from the East-Southeast.

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

Sun Aug 25 20:25:18 GMT 2019 KCOR End Patrol

GENERAL OBSERVATORY COMMENT BY waters: Sun Aug 25 20:25:26 GMT 2019

Sky is starting to get a bit too bright; Kcor idled for a bit.

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

GENERAL OBSERVATORY COMMENT BY waters: Sun Aug 25 20:29:52 GMT 2019  
Dec error jumped down to -1500 arcsec at 10:29 HST. Not too sure why except I did just put the lens, diffuser and polarizer in beam to prep when I can start Kcor up again.

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

GENERAL OBSERVATORY COMMENT BY waters: Sun Aug 25 21:05:52 GMT 2019  
Sky is still too bright at present.

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

Sun Aug 25 21:13:41 GMT 2019 Kcor Focus/alignment program exited  
Sun Aug 25 21:15:15 GMT 2019 KCOR Modulation started in the proper state  
Sun Aug 25 21:17:11 GMT 2019 SGS Alignment complete  
Sun Aug 25 21:17:14 GMT 2019 KCOR Start Synoptic Patrol  
Sun Aug 25 21:38:48 GMT 2019 KCOR End Patrol  
Sun Aug 25 21:38:59 GMT 2019 SGS Alignment complete  
Sun Aug 25 21:39:00 GMT 2019 KCOR Start Synoptic Patrol  
Sun Aug 25 21:47:43 GMT 2019 KCOR End Patrol

GENERAL OBSERVATORY COMMENT BY waters: Sun Aug 25 21:48:04 GMT 2019  
Light cirrus passing, Kcor idled for a little bit.

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

GENERAL OBSERVATORY COMMENT BY waters: Sun Aug 25 21:50:45 GMT 2019  
A whole band passing now, Kcor stopped for the time being.

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

GENERAL OBSERVATORY COMMENT BY waters: Sun Aug 25 21:59:55 GMT 2019  
Dome occulted Shabar

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

Sun Aug 25 22:03:35 GMT 2019 Kcor Focus/alignment program exited  
Sun Aug 25 22:04:45 GMT 2019 KCOR Modulation started in the proper state  
Sun Aug 25 22:05:54 GMT 2019 KCOR Start Synoptic Patrol  
Sun Aug 25 22:37:57 GMT 2019 KCOR End Patrol  
Sun Aug 25 22:38:13 GMT 2019 SGS Alignment complete  
Sun Aug 25 22:38:16 GMT 2019 KCOR Start Synoptic Patrol

GENERAL OBSERVATORY COMMENT BY waters: Sun Aug 25 22:42:32 GMT 2019  
Opened the bottom shutter as we are now out of the wind.

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

Sun Aug 25 23:11:31 GMT 2019 KCOR End Patrol  
Sun Aug 25 23:11:47 GMT 2019 SGS Alignment complete  
Sun Aug 25 23:11:49 GMT 2019 KCOR Start Synoptic Patrol

\*\*\*\*EVENT COMMENT BY waters\*\*\*\* : Sun Aug 25 23:37:53 GMT 2019

At PA 275, between 18:24-22:30 UT, it looks like a cavity forms in the corona and then closes. Can be seen in KCor.

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

Sun Aug 25 23:41:45 GMT 2019 KCOR End Patrol  
Sun Aug 25 23:42:07 GMT 2019 SGS Alignment complete  
Sun Aug 25 23:42:12 GMT 2019 KCOR Start Synoptic Patrol  
Mon Aug 26 00:02:10 GMT 2019 KCOR End Patrol  
Mon Aug 26 00:02:21 GMT 2019 SGS Alignment complete  
Mon Aug 26 00:02:23 GMT 2019 KCOR Start Synoptic Patrol  
Mon Aug 26 00:26:10 GMT 2019 KCOR End Patrol  
Mon Aug 26 00:26:25 GMT 2019 SGS Alignment complete  
Mon Aug 26 00:26:27 GMT 2019 KCOR Start Synoptic Patrol

GENERAL OBSERVATORY COMMENT BY waters: Mon Aug 26 01:00:49 GMT 2019

Did some sweeping and vacuuming in the dome upstairs.

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

Mon Aug 26 01:22:03 GMT 2019 KCOR End Patrol

GENERAL OBSERVATORY COMMENT BY waters: Mon Aug 26 01:26:39 GMT 2019

Besides a bit of cirrus around the middle of the day and some wind that needed to be warded off, not too bad of a day to take data. Here's to hoping tomorrow is nice as well.

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

ONSITE STAFF: waters