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Mauna Loa Solar Observatory Observer's Log  
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Fri Aug 9 15:58:05 GMT 2019

Year: 19 Doy: 221

Observer: waters

WEATHER COMMENT: waters: Fri Aug 9 16:13:57 GMT 2019

Temp 42F with windspeed at about 12-15mph from the South. Thin, scattered cirrus is present across the sky but it looks like it might be clear where the Sun's path is.

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

GENERAL COMMENT BY waters: Fri Aug 09 16:32:14 GMT 2019

PM Blew off Kcor 01 but will be blown off again as soon as it's above the dome.

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

GENERAL OBSERVATORY COMMENT BY waters: Fri Aug 9 16:32:21 GMT 2019

Windows upstairs opened

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

GENERAL OBSERVATORY COMMENT BY waters: Fri Aug 9 16:32:31 GMT 2019

Bolt that helped limit how far back the 01 slipped re-installed.

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

KCOR COMMENT BY waters: Fri Aug 9 17:03:39 GMT 2019

Kcor above the dome 13.5

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

Fri Aug 09 17:05:16 GMT 2019 Kcor Focus/alignment program exited

GENERAL COMMENT BY waters: Fri Aug 09 17:07:49 GMT 2019

PM Blew off Kcor 01

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

Fri Aug 09 17:09:11 GMT 2019 KCOR Modulation started in the proper state

Fri Aug 09 17:10:39 GMT 2019 SGS Alignment complete

Fri Aug 09 17:10:38 GMT 2019 KCOR Start Synoptic Patrol

KCOR COMMENT BY waters: Fri Aug 9 17:19:30 GMT 2019

It looks like I was able to get the bullet hole off the lens but the semi-bright pins that can be seen might have just moved around the lens. It's hard to tell. Otherwise, besides needing a cleaning soon, the data looks fine.

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

Fri Aug 09 17:28:23 GMT 2019 KCOR End Patrol

GENERAL OBSERVATORY COMMENT BY waters: Fri Aug 9 17:28:57 GMT 2019

Light cirrus passing, Kcor idled for a little bit

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

Fri Aug 09 17:31:37 GMT 2019 KCOR Start Synoptic Patrol

Fri Aug 09 17:35:39 GMT 2019 KCOR End Patrol

Fri Aug 09 17:35:55 GMT 2019 SGS Alignment complete

Fri Aug 09 17:35:53 GMT 2019 KCOR Start Synoptic Patrol

Fri Aug 09 17:49:25 GMT 2019 KCOR End Patrol

Fri Aug 09 17:50:59 GMT 2019 KCOR Start Synoptic Patrol

GENERAL OBSERVATORY COMMENT BY waters: Fri Aug 9 18:07:07 GMT 2019

Seems the internet is down at present. Been down for about ten minutes now.

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

Fri Aug 09 18:19:22 GMT 2019 KCOR End Patrol

Fri Aug 09 18:19:42 GMT 2019 SGS Alignment complete

Fri Aug 09 18:19:41 GMT 2019 KCOR Start Synoptic Patrol  
Fri Aug 09 18:22:24 GMT 2019 KCOR End Patrol  
Fri Aug 09 18:22:47 GMT 2019 KCOR Start Synoptic Patrol  
Fri Aug 09 18:23:19 GMT 2019 KCOR End Patrol  
Fri Aug 09 18:24:32 GMT 2019 KCOR Start Synoptic Patrol  
Fri Aug 09 18:26:03 GMT 2019 KCOR End Patrol  
Fri Aug 09 18:27:13 GMT 2019 KCOR Start Synoptic Patrol  
Fri Aug 09 18:28:09 GMT 2019 KCOR End Patrol

GENERAL OBSERVATORY COMMENT BY waters: Fri Aug 9 18:28:32 GMT 2019

Was on the edge of a band of cirrus for a bit, so was going in and out of some bright spots. Currently have entered the band; Kcor idled.

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

GENERAL OBSERVATORY COMMENT BY waters: Fri Aug 9 18:47:54 GMT 2019

Internet back up

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

GENERAL OBSERVATORY COMMENT BY waters: Fri Aug 9 20:19:35 GMT 2019

A box came up with NOAA for Allen. Left it on the second desk.

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

GENERAL OBSERVATORY COMMENT BY waters: Fri Aug 9 23:15:25 GMT 2019

Just finished the last group of three from a tour size of about 35 + people. It was a mix bag of geologist, seismologist and UCAR/NCAR people that came up! They're from the UCAR Center of Science Education.

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

GENERAL OBSERVATORY COMMENT BY waters: Fri Aug 9 23:24:05 GMT 2019

Closed the dome as the clouds are starting to get thicker and lower.

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

GENERAL OBSERVATORY COMMENT BY waters: Sat Aug 10 01:29:23 GMT 2019

Unfortunately, we got clouded out early on in the day, hopefully this weekend will be better.

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

ONSITE STAFF: waters