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Mauna Loa Solar Observatory Observer's Log  
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Fri Jul 17 15:28:10 GMT 2020

Year: 20 Doy: 199

Observer: waters

WEATHER COMMENT: waters: Fri Jul 17 16:11:21 GMT 2020

Temp: 40.1f with windspeed at about 10-15mph from the South-Southwest. Thin cirrus covering the whole of the sky at present, waiting for better conditions before opening.

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

GENERAL COMMENT BY waters: Fri Jul 17 16:37:03 GMT 2020

PM Blew off Kcor O1

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

GENERAL COMMENT BY waters: Fri Jul 17 16:37:06 GMT 2020

Opened windows upstairs

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

KCOR COMMENT BY waters: Fri Jul 17 16:57:56 GMT 2020

Kcor above dome

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

Fri Jul 17 16:59:09 GMT 2020 Kcor Focus/alignment program exited

GENERAL COMMENT BY waters: Fri Jul 17 17:00:37 GMT 2020

The spar in the Dec seemed a bit loose.

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

Fri Jul 17 17:01:40 GMT 2020 KCOR Start Synoptic Patrol

KCOR COMMENT BY waters: Fri Jul 17 17:12:45 GMT 2020

Going to blow off the O1 as there are five bullet holes that I can see in the NRGFs.

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

Fri Jul 17 17:14:05 GMT 2020 KCOR End Patrol

Fri Jul 17 17:16:05 GMT 2020 KCOR Start Synoptic Patrol

GENERAL COMMENT BY waters: Fri Jul 17 17:21:28 GMT 2020

Doesn't look like blowing off the O1 helped at all. It looked like I was able to blow some dust off it but not the ones causing the bullet holes.

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

KCOR COMMENT BY waters: Fri Jul 17 17:22:29 GMT 2020

Going to inspect the field lens as there may be something on it.

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

Fri Jul 17 17:23:31 GMT 2020 KCOR End Patrol

Fri Jul 17 17:23:42 GMT 2020 KCOR End Patrol

Fri Jul 17 17:27:47 GMT 2020 KCOR Start Synoptic Patrol

GENERAL COMMENT BY waters: Fri Jul 17 17:30:06 GMT 2020

PM Blew off Kcor Field Lens got rid of the two goobers in the East and Southwest.

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

GENERAL COMMENT BY waters: Fri Jul 17 17:31:55 GMT 2020

Sky is getting a little bright, pushing through it.

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

Fri Jul 17 17:32:35 GMT 2020 KCOR End Patrol

Fri Jul 17 17:32:48 GMT 2020 KCOR End Patrol

Fri Jul 17 17:35:38 GMT 2020 KCOR Start Synoptic Patrol

GENERAL COMMENT BY waters: Fri Jul 17 17:56:09 GMT 2020  
Passing cirrus, pushing through it.

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

Fri Jul 17 18:19:11 GMT 2020 KCOR End Patrol

Fri Jul 17 18:19:19 GMT 2020 KCOR End Patrol

GENERAL COMMENT BY waters: Fri Jul 17 18:19:56 GMT 2020  
Cirrus crossing, Kcor stopped.

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

Fri Jul 17 18:32:39 GMT 2020 Kcor Focus/alignment program exited

Fri Jul 17 18:34:48 GMT 2020 KCOR Start Synoptic Patrol

Fri Jul 17 19:07:01 GMT 2020 KCOR End Patrol

Fri Jul 17 19:07:12 GMT 2020 KCOR End Patrol

GENERAL COMMENT BY waters: Fri Jul 17 19:07:49 GMT 2020  
Starting to get a bit too bright, Kcor stopped for now.

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

Fri Jul 17 19:21:30 GMT 2020 Kcor Focus/alignment program exited

Fri Jul 17 19:23:40 GMT 2020 KCOR Start Synoptic Patrol

Fri Jul 17 19:35:33 GMT 2020 KCOR End Patrol

GENERAL COMMENT BY waters: Fri Jul 17 19:35:55 GMT 2020  
Cirrus crossing again, Kcor stopped

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

Fri Jul 17 19:46:15 GMT 2020 Kcor Focus/alignment program exited

Fri Jul 17 19:48:25 GMT 2020 KCOR Start Synoptic Patrol

Fri Jul 17 19:57:42 GMT 2020 KCOR End Patrol

Fri Jul 17 19:57:42 GMT 2020 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20171025.ini

Fri Jul 17 20:12:52 GMT 2020 KCOR End Calibration Script

Fri Jul 17 20:13:09 GMT 2020 KCOR Start Synoptic Patrol

Fri Jul 17 20:13:09 GMT 2020 KCOR Start Synoptic Patrol

Fri Jul 17 20:18:15 GMT 2020 KCOR End Patrol

Fri Jul 17 20:18:29 GMT 2020 KCOR End Patrol

GENERAL COMMENT BY waters: Fri Jul 17 20:19:05 GMT 2020  
Cirrus again, Kcor idled.

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

Fri Jul 17 20:20:32 GMT 2020 KCOR Start Synoptic Patrol

Fri Jul 17 20:21:06 GMT 2020 KCOR End Patrol

Fri Jul 17 20:21:16 GMT 2020 KCOR End Patrol

GENERAL COMMENT BY waters: Fri Jul 17 21:15:09 GMT 2020  
Clouds have come in from Saddle and some look a little dark, closing the dome just in case.

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

GPS COMMENT by MLSO: Fri Jul 17 21:45:08 GMT 2020  
Successfully logged in to system

Good disk mount

GPS software running

Last 5 GPS data files are:

/mnt/usb/dataoutiq\_2020\_194\_2149.bin 2147483647

/mnt/usb/dataoutiq\_2020\_195\_2149.bin 2147483647

/mnt/usb/dataoutiq\_2020\_196\_2149.bin 2147483647

/mnt/usb/dataoutiq\_2020\_197\_2149.bin 2147483647

/mnt/usb/dataoutiq\_2020\_198\_2149.bin 2147483647

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

GENERAL COMMENT BY waters: Sat Jul 18 01:15:35 GMT 2020

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

GENERAL COMMENT BY waters: Sat Jul 18 01:20:22 GMT 2020

Was able to get some data in between bands of cirrus but clouds coming up just before noon prevented any afternoon data.

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

ONSITE STAFF: waters