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Mauna Loa Solar Observatory Observer's Log  
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Wed Jul 8 15:28:48 GMT 2020

Year: 20 Doy: 190

Observer: waters

WEATHER COMMENT BY waters: Wed Jul 08 16:14:53 GMT 2020

Temp: 43.9f with windspeed at about 11-16mph from the South-Southeast. Sky looks clear.

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

GENERAL COMMENT BY waters: Wed Jul 08 16:20:27 GMT 2020

PM Blew off Kcor O1

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

GENERAL COMMENT BY waters: Wed Jul 08 16:20:30 GMT 2020

Opened windows upstairs

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

GENERAL COMMENT BY waters: Wed Jul 08 16:55:12 GMT 2020

Kcor above dome

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

Wed Jul 08 16:57:03 GMT 2020 Kcor Focus/alignment program exited

Wed Jul 08 17:00:10 GMT 2020 KCOR Start Synoptic Patrol

KCOR COMMENT BY waters: Wed Jul 08 17:00:14 GMT 2020

Kcor Synoptic crashed this morning on start up, then went into a 'Stop' loop where I'd start the program and would immediately halt observing. Closing and restart the GUI seems to have fixed it.

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

GENERAL COMMENT BY waters: Wed Jul 08 17:12:19 GMT 2020

Normal, non NRGF stream is not showing up so far. Doing a wBoss top/start didn't help either.

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

GENERAL COMMENT BY waters: Wed Jul 08 18:15:05 GMT 2020

SGS reset and the RA dropped but came back.

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

GENERAL COMMENT BY waters: Wed Jul 08 18:20:31 GMT 2020

Going to check the Kcor O1 as per request from Ben.

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

Wed Jul 08 18:20:44 GMT 2020 KCOR End Patrol

Wed Jul 08 18:37:02 GMT 2020 KCOR Start Synoptic Patrol

Wed Jul 08 18:44:22 GMT 2020 KCOR End Patrol

Wed Jul 08 18:44:29 GMT 2020 KCOR End Patrol

Wed Jul 08 18:53:58 GMT 2020 KCOR Start Synoptic Patrol

Wed Jul 08 19:48:06 GMT 2020 KCOR End Patrol

Wed Jul 08 19:48:07 GMT 2020 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20171025.ini

Wed Jul 08 20:03:21 GMT 2020 KCOR End Calibration Script

Wed Jul 08 20:03:38 GMT 2020 KCOR Start Synoptic Patrol

Wed Jul 08 20:03:38 GMT 2020 KCOR Start Synoptic Patrol

GENERAL COMMENT BY waters: Wed Jul 08 21:00:49 GMT 2020

Stream finally popped back up.

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

GENERAL COMMENT BY waters: Wed Jul 08 21:06:06 GMT 2020

Stream is back but it's only showing five images and only a minutes worth of data. Wboss stop/start did not help.

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

GPS COMMENT by MLSO: Wed Jul 08 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\_185\_2149.bin 2147483647

/mnt/usb/dataoutiq\_2020\_186\_2149.bin 2147483647

/mnt/usb/dataoutiq\_2020\_187\_2149.bin 2147483647

/mnt/usb/dataoutiq\_2020\_188\_2149.bin 2147483647

/mnt/usb/dataoutiq\_2020\_189\_2149.bin 2147483647

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

GENERAL COMMENT BY waters: Wed Jul 08 23:01:12 GMT 2020

Rotated dome

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

Wed Jul 08 23:58:49 GMT 2020 KCOR End Patrol

Wed Jul 08 23:58:58 GMT 2020 KCOR End Patrol

GENERAL COMMENT BY waters: Wed Jul 08 23:59:20 GMT 2020

Some cirrus passing, Kcor idled.

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

Wed Jul 08 23:59:30 GMT 2020 KCOR Start Synoptic Patrol

Thu Jul 09 00:07:05 GMT 2020 KCOR End Patrol

GENERAL COMMENT BY waters: Thu Jul 09 00:07:27 GMT 2020

Band of cirrus crossing, Kcor stopped

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

GENERAL COMMENT BY waters: Thu Jul 09 00:17:31 GMT 2020

Kcor lens cover stopped shortly after getting the signal to pull it out. Hitting it a second time finished the action.

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

Thu Jul 09 00:24:53 GMT 2020 Kcor Focus/alignment program exited

Thu Jul 09 00:28:05 GMT 2020 KCOR Start Synoptic Patrol

Thu Jul 09 01:10:37 GMT 2020 KCOR End Patrol

GENERAL COMMENT BY waters: Thu Jul 09 01:12:03 GMT 2020

Fog rolling in from the Southwest, stopped Kcor and closed the dome

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

GENERAL COMMENT BY waters: Thu Jul 09 01:27:13 GMT 2020

Aerosols can be seen throughout the day, but otherwise not too bad of a day for data.

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

ONSITE STAFF: waters