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Mauna Loa Solar Observatory Observer's Log  
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Mon Jul 6 15:31:13 GMT 2020

Year: 20 Doy: 188

Observer: waters

GENERAL COMMENT BY waters: Mon Jul 06 15:31:52 GMT 2020

Monitors were on when I came in.

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

WEATHER COMMENT: waters: Mon Jul 06 16:14:43 GMT 2020

Temp: 39.5f with windspeed at about 8-13mph from the Southeast. Sky looks clear.

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

GENERAL COMMENT BY waters: Mon Jul 06 16:24:00 GMT 2020

PM Blew off Kcor O1

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

GENERAL COMMENT BY waters: Mon Jul 06 16:24:10 GMT 2020

Windows opened upstairs.

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

KCOR COMMENT BY waters: Mon Jul 06 16:54:43 GMT 2020

Kcor above dome.

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

Mon Jul 06 16:55:47 GMT 2020 Kcor Focus/alignment program exited

Mon Jul 06 16:58:22 GMT 2020 KCOR Start Synoptic Patrol

GENERAL COMMENT BY waters: Mon Jul 06 17:08:49 GMT 2020

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

GENERAL COMMENT BY waters: Mon Jul 06 17:09:09 GMT 2020

Going to try and address the bullet hole in the West.

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

Mon Jul 06 17:09:15 GMT 2020 KCOR End Patrol

Mon Jul 06 17:09:18 GMT 2020 KCOR End Patrol

Mon Jul 06 17:12:28 GMT 2020 KCOR Start Synoptic Patrol

GENERAL COMMENT BY waters: Mon Jul 06 17:16:10 GMT 2020

Seems like blowing off the front of the O1 didn't help unfortunately.

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

GENERAL COMMENT BY waters: Mon Jul 06 19:12:22 GMT 2020

Going to hold off on taking calibrations as it looks like the cavity in the Northeast might be expanding but it's hard to tell at present.

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

GPS COMMENT by MLSO: Mon Jul 06 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\_183\_2149.bin 2147483647

/mnt/usb/dataoutiq\_2020\_184\_2149.bin 2147483647

/mnt/usb/dataoutiq\_2020\_185\_2149.bin 2147483647

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

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

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

GENERAL COMMENT BY waters: Mon Jul 06 22:32:00 GMT 2020

PM Lubed worm gear

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

Tue Jul 07 02:23:01 GMT 2020 KCOR End Patrol

GENERAL COMMENT BY waters: Tue Jul 07 02:29:54 GMT 2020

There was a very loud thump when the lower shutter was closing and it looked like the cable might have slipped. I stopped and inspected it but I didn't see anything unusual and it finished closing just fine.

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

GENERAL COMMENT BY waters: Tue Jul 07 02:29:57 GMT 2020

Good day today; aerosols were low at start up but didn't get too bad in the afternoon either.

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

ONSITE STAFF: waters