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Mauna Loa Solar Observatory Observer's Log  
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Thu May 21 15:31:45 GMT 2020

Year: 20 Doy: 142

Observer: waters

WEATHER COMMENT: waters: Thu May 21 16:15:17 GMT 2020

Temp: 44.2f with windspeed at about 9-14mph from the Southeast. Sky looks clear except for two patches of cirrus coming in from the West-Southwest.

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

GENERAL COMMENT BY waters: Thu May 21 16:21:20 GMT 2020

PM Blew off Kcor O1

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

GENERAL COMMENT BY waters: Thu May 21 16:21:35 GMT 2020

Windows opened upstairs

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

Thu May 21 16:54:54 GMT 2020 Kcor Focus/alignment program exited

Thu May 21 16:57:02 GMT 2020 KCOR Start Synoptic Patrol

Thu May 21 17:24:42 GMT 2020 KCOR End Patrol

Thu May 21 17:24:46 GMT 2020 KCOR End Patrol

GENERAL COMMENT BY waters: Thu May 21 17:25:34 GMT 2020

Two bullet holes, one in the Northeast and one in the Southeast, going to try and blow off the O1 to see if that removes the hem

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

Thu May 21 17:30:01 GMT 2020 KCOR Start Synoptic Patrol

GENERAL COMMENT BY waters: Thu May 21 17:33:27 GMT 2020

Blowing off the O1 didn't help.

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

Thu May 21 19:03:30 GMT 2020 KCOR End Patrol

Thu May 21 19:03:31 GMT 2020 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20171025.ini

Thu May 21 19:18:46 GMT 2020 KCOR End Calibration Script

Thu May 21 19:19:03 GMT 2020 KCOR Start Synoptic Patrol

Thu May 21 19:19:03 GMT 2020 KCOR Start Synoptic Patrol

GENERAL COMMENT BY waters: Thu May 21 21:20:28 GMT 2020

Dec error started oscillating between 100 and -100 arcsec. Switching from open loop to close loop brought it back.

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

GENERAL COMMENT BY waters: Thu May 21 21:30:27 GMT 2020

Dec error has been wandering between 100 and -100 every 15-20 seconds and switching from open loop to closed loop brings it back. Seems like it's settled at present.

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

GPS COMMENT by MLSO: Thu May 21 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\_132\_2146.bin 2147483647

/mnt/usb/dataoutiq\_2020\_133\_2146.bin 2147483647

/mnt/usb/dataoutiq\_2020\_134\_2146.bin 2147483647

/mnt/usb/dataoutiq\_2020\_135\_2146.bin 2147483647

/mnt/usb/dataoutiq\_2020\_136\_2146.bin 2147483647

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

GONG COMMENT BY waters: Thu May 21 23:44:27 GMT 2020

Went down to the shelter and tied the door open as the temp\_ins was going red.

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

Fri May 22 01:23:23 GMT 2020 KCOR End Patrol

GENERAL COMMENT BY waters: Fri May 22 01:28:34 GMT 2020

Besides the little bit of cirrus on start up and the aerosols not being too bad, good day to take data.

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

ONSITE STAFF: waters