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Mauna Loa Solar Observatory Observer's Log  
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Tue Apr 21 15:38:17 GMT 2020

Year: 20 Doy: 112

Observer: waters

WEATHER COMMENT: waters: Tue Apr 21 16:13:33 GMT 2020

Temp: 44.3f with windspeed at about 14-19mph from the South. Sky looks clear, although there is a haze over Saddle up to a  
bout 10,000ft +.

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

GENERAL COMMENT BY waters: Tue Apr 21 16:25:08 GMT 2020

PM Blew off Kcor O1

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

GENERAL COMMENT BY waters: Tue Apr 21 16:25:20 GMT 2020

Windows opened upstairs

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

Tue Apr 21 17:04:39 GMT 2020 Kcor Focus/alignment program exited

Tue Apr 21 17:06:42 GMT 2020 KCOR Start Synoptic Patrol

Tue Apr 21 19:04:38 GMT 2020 KCOR End Patrol

Tue Apr 21 19:04:39 GMT 2020 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20171025.ini

Tue Apr 21 19:19:54 GMT 2020 KCOR End Calibration Script

Tue Apr 21 19:20:10 GMT 2020 KCOR Start Synoptic Patrol

Tue Apr 21 19:20:10 GMT 2020 KCOR Start Synoptic Patrol

GONG COMMENT BY waters: Tue Apr 21 20:21:29 GMT 2020

Went down to the shelter and opened the door as the temp\_tbl is reaching its threshold.

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

GPS COMMENT by MLSO: Tue Apr 21 21:45:06 GMT 2020

Successfully logged in to system

Good disk mount

GPS software running

Last 5 GPS data files are:

/mnt/usb/dataoutiq\_2020\_107\_2146.bin 2147483647

/mnt/usb/dataoutiq\_2020\_108\_2146.bin 2147483647

/mnt/usb/dataoutiq\_2020\_109\_2146.bin 2147483647

/mnt/usb/dataoutiq\_2020\_110\_2146.bin 2147483647

/mnt/usb/dataoutiq\_2020\_111\_2146.bin 2147483647

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

GENERAL COMMENT BY waters: Tue Apr 21 22:09:37 GMT 2020

Dec error going out of range again. Going from open loop back to close loop seems to have brought it back.

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

Tue Apr 21 23:20:46 GMT 2020 KCOR End Patrol

Tue Apr 21 23:20:53 GMT 2020 KCOR End Patrol

GENERAL COMMENT BY waters: Tue Apr 21 23:21:09 GMT 2020

Clouds passing, Kcor paused

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

Tue Apr 21 23:22:24 GMT 2020 KCOR Start Synoptic Patrol

Tue Apr 21 23:24:00 GMT 2020 KCOR End Patrol

Tue Apr 21 23:24:11 GMT 2020 KCOR End Patrol

Tue Apr 21 23:24:11 GMT 2020 KCOR Start Synoptic Patrol  
Tue Apr 21 23:30:03 GMT 2020 KCOR End Patrol  
Tue Apr 21 23:30:15 GMT 2020 KCOR End Patrol  
GENERAL COMMENT BY waters: Tue Apr 21 23:32:37 GMT 2020  
Clouds crossing Kcor stopped.

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

GENERAL COMMENT BY waters: Tue Apr 21 23:34:26 GMT 2020  
Kcor crashed when trying to shut it down. And crashed again after closing it. Going to kill labview and restart it.

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

GENERAL COMMENT BY waters: Tue Apr 21 23:38:23 GMT 2020  
Kcor started up in the wrong state.

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

Tue Apr 21 23:55:32 GMT 2020 KCOR Start Synoptic Patrol  
Tue Apr 21 23:57:59 GMT 2020 KCOR End Patrol  
Tue Apr 21 23:58:10 GMT 2020 KCOR End Patrol  
Tue Apr 21 23:58:29 GMT 2020 KCOR Start Synoptic Patrol  
Wed Apr 22 00:01:01 GMT 2020 KCOR End Patrol

GENERAL COMMENT BY waters: Wed Apr 22 00:02:40 GMT 2020  
A bit of fog blowing through, Kcor stopped and dome closed

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

Wed Apr 22 00:45:34 GMT 2020 KCOR Start Synoptic Patrol  
Wed Apr 22 01:46:47 GMT 2020 KCOR End Patrol  
Wed Apr 22 01:47:00 GMT 2020 KCOR End Patrol  
Wed Apr 22 01:47:20 GMT 2020 KCOR Start Synoptic Patrol  
Wed Apr 22 01:50:46 GMT 2020 KCOR End Patrol  
Wed Apr 22 01:50:47 GMT 2020 KCOR End Patrol

GENERAL COMMENT BY waters: Wed Apr 22 01:50:47 GMT 2020  
Clouds passing, Kcor idled

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

Wed Apr 22 01:51:55 GMT 2020 KCOR Start Synoptic Patrol  
GENERAL COMMENT BY waters: Wed Apr 22 02:15:07 GMT 2020

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

GENERAL COMMENT BY waters: Wed Apr 22 02:15:08 GMT 2020

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

GENERAL COMMENT BY waters: Wed Apr 22 02:15:09 GMT 2020

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

Wed Apr 22 02:22:02 GMT 2020 KCOR End Patrol  
GENERAL COMMENT BY waters: Wed Apr 22 02:28:09 GMT 2020  
Besides a few clouds and fog passing, not too bad a day for data.

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

ONSITE STAFF: waters