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Mauna Loa Solar Observatory Observer's Log  
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Sat Feb 15 16:29:37 GMT 2020

Year: 20 Doy: 046

Observer: waters

WEATHER COMMENT: waters: Sat Feb 15 17:15:05 GMT 2020

Temp 42.2f with windspeed at about 13-18mph from the South-Southeast. Sky looks clear.

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

GENERAL COMMENT BY waters: Sat Feb 15 17:25:49 GMT 2020

PM Blew off Kcor 01

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

GENERAL COMMENT BY waters: Sat Feb 15 17:25:58 GMT 2020

Windows opened upstairs

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

Sat Feb 15 17:55:20 GMT 2020 Kcor Focus/alignment program exited

Sat Feb 15 17:56:18 GMT 2020 KCOR Start Synoptic Patrol

Sat Feb 15 20:24:23 GMT 2020 KCOR End Patrol

Sat Feb 15 20:24:24 GMT 2020 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20171025.ini

Sat Feb 15 20:39:39 GMT 2020 KCOR End Calibration Script

Sat Feb 15 20:39:56 GMT 2020 KCOR Start Synoptic Patrol

Sat Feb 15 20:39:56 GMT 2020 KCOR Start Synoptic Patrol

GENERAL COMMENT BY waters: Sat Feb 15 21:01:25 GMT 2020

Warning to move the ladder did not pop up.

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

GPS COMMENT by MLSO: Sat Feb 15 21:45:07 GMT 2020

Successfully logged in to system

Good disk mount

GPS software running

Last 5 GPS data files are:

dataoutiq\_2020\_041\_2145.bin 2147483647

dataoutiq\_2020\_042\_2145.bin 2147483647

dataoutiq\_2020\_043\_2145.bin 2147483647

dataoutiq\_2020\_044\_2145.bin 2147483647

dataoutiq\_2020\_045\_2145.bin 2147483647

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

Sun Feb 16 00:54:47 GMT 2020 KCOR End Patrol

Sun Feb 16 00:56:15 GMT 2020 KCOR Start Synoptic Patrol

\*\*KCOR PROBLEM COMMENT BY waters\*\* : Sun Feb 16 01:01:20 GMT 2020

Starting from 23:39:17 UT and until it was caught at 00:54:38 UT, the data was in the wrong polarization state. Nothing was done to trigger this, so no idea what caused this.

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

\*\*KCOR PROBLEM COMMENT BY waters\*\* : Sun Feb 16 01:14:39 GMT 2020

Note that sopping and restarting Kcor synoptic fixed the problem. Also, this happened to Allen on Decemeber 31.

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

GENERAL COMMENT BY waters: Sun Feb 16 01:15:40 GMT 2020

AED battery changed out. Spare battery currently on top of AED for now.

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

Sun Feb 16 02:23:03 GMT 2020 KCOR End Patrol

GENERAL COMMENT BY waters: Sun Feb 16 02:27:37 GMT 2020

Nice day, aerosols were kept down because of the moderate wind we had all day. Hope for more days like this.

end

ONSITE STAFF: stueben, waters