
Mauna Loa Solar Observatory Observer's Log

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