
Mauna Loa Solar Observatory Observer's Log

Thu Apr 30 15:56:08 GMT 2020

Year: 20 Doy: 121

Observer: waters

WEATHER COMMENT: waters: Thu Apr 30 16:10:40 GMT 2020

Temp 46F with windspeed at about 7-12mph from the Southeast. Sky looks clear, if not a little bright.

____end____

GENERAL OBSERVATORY COMMENT BY waters: Thu Apr 30 16:19:56 GMT 2020

Logger currently isn't working. Ben helped figure out that some of the MLSO hosts cannot access kodiak over samba connections. Waiting to hear back; until then the 'Send data to mlsoserver' will be turned off until things are okay again.

____end____

GENERAL OBSERVATORY COMMENT BY waters: Thu Apr 30 16:24:34 GMT 2020

PM Blew off Kcor O1

____end____

GENERAL OBSERVATORY COMMENT BY waters: Thu Apr 30 16:25:04 GMT 2020

Windows opened upstairs

____end____

GENERAL COMMENT BY waters: Thu Apr 30 16:40:43 GMT 2020

Ben figured it out! Thank you

____end____

Thu Apr 30 16:59:03 GMT 2020 Kcor Focus/alignment program exited

Thu Apr 30 17:01:22 GMT 2020 KCOR Start Synoptic Patrol

Thu Apr 30 19:07:54 GMT 2020 KCOR End Patrol

Thu Apr 30 19:07:55 GMT 2020 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20171025.ini

Thu Apr 30 19:23:09 GMT 2020 KCOR End Calibration Script

Thu Apr 30 19:23:26 GMT 2020 KCOR Start Synoptic Patrol

Thu Apr 30 19:23:26 GMT 2020 KCOR Start Synoptic Patrol

GENERAL PROBLEM COMMENT BY waters : Thu Apr 30 19:37:36 GMT 2020

Dec drifted again and couldn't come back. Hitting open loop and then close loop brought it back.

____end____

GENERAL PROBLEM COMMENT BY waters : Thu Apr 30 19:41:31 GMT 2020

Dec drifted again and wouldn't come back. Hitting open loop and then close loop brought it back.

____end____

GENERAL PROBLEM COMMENT BY waters : Thu Apr 30 20:07:47 GMT 2020

Dec drifted again and wouldn't come back. Hitting open loop and then close loop brought it back.

____end____

GENERAL COMMENT BY waters: Thu Apr 30 20:43:48 GMT 2020

Dec drifted again but brought itself back again.

____end____

Thu Apr 30 20:47:12 GMT 2020 KCOR End Patrol

GENERAL PROBLEM COMMENT BY waters : Thu Apr 30 20:47:29 GMT 2020

The dec is drifting constantly now and nothing I do is causing it to settle. Stopping data collection until I'm able to get it stable.

____end____

GENERAL PROBLEM COMMENT BY waters : Thu Apr 30 21:02:11 GMT 2020

Going upstairs to try and stabilize the spar physically didn't help. Switching from open loop and then back to closed loop

didn't help. Putting it on standby and then closed loop lasted for about twenty seconds before the dec started to drift.

But now the dec is just oscillating instead of drifting off and not coming back.

____end____

WEATHER COMMENT: waters: Thu Apr 30 21:02:43 GMT 2020

Temp: 62.1f, Humidity: 13%, Pressure: 28.665in, Wind: 12mph from 38degs, Skies:

____end____

GENERAL COMMENT BY waters: Thu Apr 30 21:07:39 GMT 2020

Looks like the spar has stabilized, starting things back up.

____end____

Thu Apr 30 21:08:38 GMT 2020 KCOR Start Synoptic Patrol

GENERAL COMMENT BY waters: Thu Apr 30 21:34:34 GMT 2020

Seems a very strong gust came out from the Northeast. Moved the dome more South just in case we get more like that.

____end____

GPS COMMENT by MLSO: Thu Apr 30 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_116_2146.bin 2147483647

/mnt/usb/dataoutiq_2020_117_2146.bin 2147483647

/mnt/usb/dataoutiq_2020_118_2146.bin 2147483647

/mnt/usb/dataoutiq_2020_119_2146.bin 2147483647

/mnt/usb/dataoutiq_2020_120_2146.bin 2147483647

____end____

GONG COMMENT BY waters: Thu Apr 30 21:54:15 GMT 2020

Went down to the shelter and opened the doors.

____end____

Thu Apr 30 22:11:15 GMT 2020 KCOR End Patrol

Thu Apr 30 22:11:30 GMT 2020 KCOR End Patrol

GENERAL COMMENT BY waters: Thu Apr 30 22:12:02 GMT 2020

Sky is too bright, stopping kcor at present.

____end____

GENERAL COMMENT BY waters: Thu Apr 30 23:19:20 GMT 2020

Manually rotated the dome.

____end____

GENERAL COMMENT BY waters: Fri May 01 01:27:08 GMT 2020

Aerosols weren't too bad until about 10am HST and then around 1215HST, the sky got too bright to take data for the rest of the day. Hope tomorrow is better.

____end____

ONSITE STAFF: waters