
Mauna Loa Solar Observatory Observer's Log

Tue Jun 2 15:21:32 GMT 2020

Year: 20 Doy: 154

Observer: waters

WEATHER COMMENT: waters: Tue Jun 02 16:14:41 GMT 2020

Temp: 46.8f with windspeed at about 11-16mph from the South-Southeast. There's a haze at about 11,000ft+ but otherwise, the sky is clear.

____end____

GENERAL COMMENT BY waters: Tue Jun 02 16:23:21 GMT 2020

PM Blew off Kcor 01

____end____

GENERAL COMMENT BY waters: Tue Jun 02 16:23:28 GMT 2020

Windows opened upstairs

____end____

GENERAL COMMENT BY waters: Tue Jun 02 16:27:49 GMT 2020

With the dec being tightened yesterday, when the spar is in near vertical position (as it is in the mornings), I had a very difficult time moving it into position, dec wise.

I might try adjusting it from the back end, as there isn't enough leverage on the front anymore for me to move it safely.

____end____

GENERAL COMMENT BY waters: Tue Jun 02 16:48:20 GMT 2020

Kcor above dome

____end____

Tue Jun 02 16:50:55 GMT 2020 Kcor Focus/alignment program exited

Tue Jun 02 16:53:14 GMT 2020 KCOR Start Synoptic Patrol

GENERAL COMMENT BY waters: Tue Jun 02 18:57:10 GMT 2020

Going to postpone calibration as there seems to be something starting to happen at PA 90 or the Eastern limb.

____end____

Tue Jun 02 20:00:06 GMT 2020 KCOR End Patrol

GENERAL COMMENT BY waters: Tue Jun 02 20:00:59 GMT 2020

Clouds have popped up from the West. Stopping Kcor

____end____

Tue Jun 02 20:21:22 GMT 2020 Kcor Focus/alignment program exited

Tue Jun 02 20:23:34 GMT 2020 KCOR Start Synoptic Patrol

GENERAL COMMENT BY waters: Tue Jun 02 20:48:50 GMT 2020

Dec error started oscillating between -100 and 100 again. Switching to open loop and closed loop seems to have fixed it.

____end____

GENERAL COMMENT BY waters: Tue Jun 02 20:59:09 GMT 2020

Dec error started oscillating between -100 and 100 again. Switching to open loop and closed loop seems to have fixed it.

____end____

WEATHER COMMENT: waters: Tue Jun 02 21:14:07 GMT 2020

Temp: 63.5f with windspeed at about 13-18mph from the Northeast. Adjusted dome Southeast.

____end____

GENERAL COMMENT BY waters: Tue Jun 02 21:18:08 GMT 2020

Dec error started oscillating between -100 and 100 again. Switching to open loop and closed loop seems to have fixed it.

____end____

GENERAL COMMENT BY waters: Tue Jun 02 21:31:24 GMT 2020

Dec error started oscillating between -100 and 100 again. Switching to open loop and closed loop seems wasn't fixing the problem. Went upstairs and rotated the dome a bit more South, as the wind is now coming from the East. Didn't quite fix it but after stabilizing the spar with my hands, it seems to be doing okay. Will keep an eye on things.

____end____

GPS COMMENT by MLSO: Tue Jun 02 21:45:09 GMT 2020

Successfully logged in to system

Good disk mount

GPS software running

Last 5 GPS data files are:

/mnt/usb/dataoutiq_2020_149_2145.bin 2147483647

/mnt/usb/dataoutiq_2020_150_2145.bin 2147483647

/mnt/usb/dataoutiq_2020_151_2145.bin 2147483647

/mnt/usb/dataoutiq_2020_152_2145.bin 2147483647

/mnt/usb/dataoutiq_2020_153_2145.bin 2147483647

____end____

****Possible CME in Progress waters**** : Tue Jun 02 22:10:56 GMT 2020

Possible CME seen launching near PA 90 starting at time 17:24:00UT.

____end____

GONG COMMENT BY waters: Tue Jun 02 22:12:04 GMT 2020

Went down to the GONG shelter and tied open the door as the temp_tbl was close to going red.

____end____

Tue Jun 02 22:48:46 GMT 2020 KCOR End Patrol

GENERAL COMMENT BY waters: Tue Jun 02 22:50:44 GMT 2020

Fog rolled in fast, moved the spar and dome is currently closing.

____end____

GENERAL COMMENT BY waters: Wed Jun 03 00:27:44 GMT 2020

Fog is hanging out, no data this afternoon.

____end____

ONSITE STAFF: waters