

Dear Editor,

This paper has been improved in accordance with the reviewer comments. However, there are still few issues that must be addressed before publishing.

Best regards

P.6 L.6-8

Looking at Figure 1, the following statements are incorrect and must be modified correspondingly:

“The SYM-H index also follows the pattern of the Bz component.”

“From 1 : 08 UT until 11 : 00 UT the Bz is northward; i.e., it increases to the positive value.”

“Following the Bz, the SYM-H also increases from -146 nT to the value of -38 nT.”

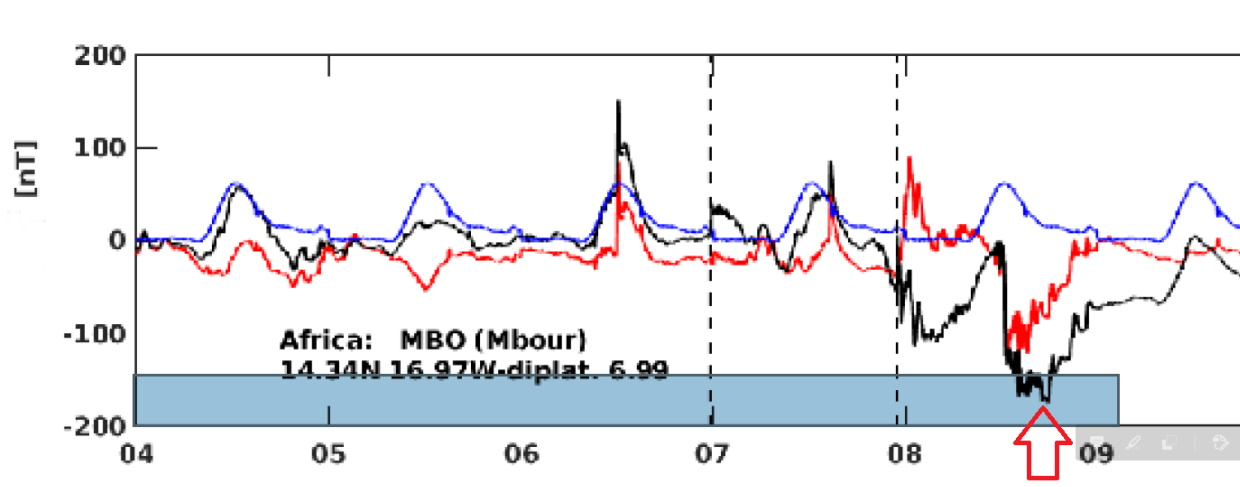
SYM-H is not following the Bz behavior, as it changes the direction and does not stay always negative from 1:08 to 11 UT.

P.10 l.11-12

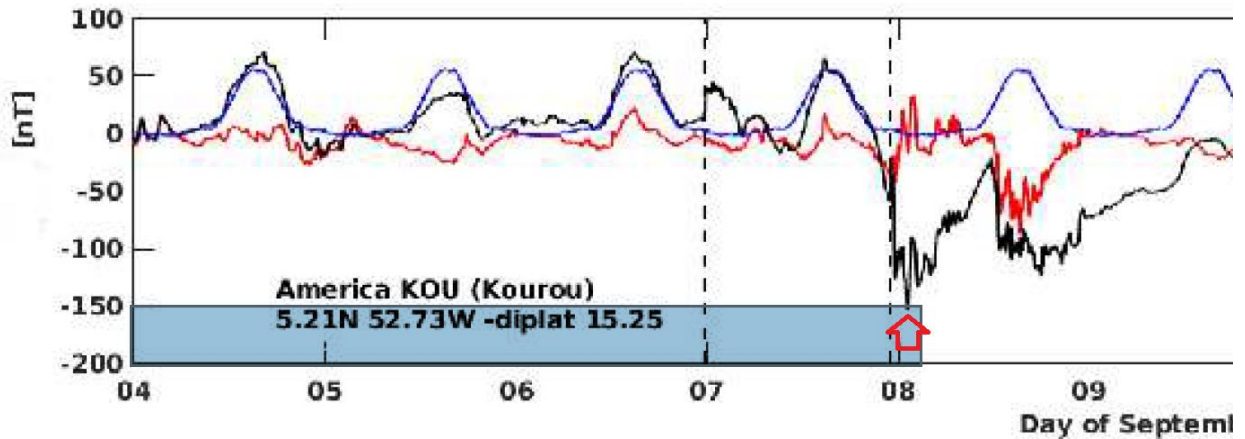
“Overall, the largest disturbance of the H component of the magnetic field with amplitude -180 nT is observed at GUA as compared to -150 nT at MBO and -140 nT at KOU.”

By looking at Fig 5, one can easily see that:

H drops down below -150 nT at MBO.



H drops down below -140 nT at KOU.



Please, correct the sentence accordingly, or make sure plots are consistent with the text. Also, make the three subplots having the same dynamic range.

P.6. L.21

“Figure 2 shows the _REC (top), the _GEC (middle) and the SYM-H index (bottom) during the period 4-14 September 2017”

must be

“Figure 2 shows the _GEC (top), the _REC (middle) and the SYM-H index (bottom) during the period 4-14 September 2017”

P.10 L.14

“It can be noted that during the first southward excursion of the magnetic field...”

should be

“It can be noted that during the first southward excursion of the IMF”

or clarify what “southward excursion” of the magnetic field you are referring to.

P.3 L. 17-18 Change “a number of space weather events observed” to “a number of space weather events were observed”

P.10 L.25

“the latitudinal extent of the TEC increases”

replace with

“the latitudinal extent of the bulk of the TEC increases”