

Dear Editor,

First of all, we would like to thank you very much for your revision and the useful remarks and corrections. We seriously took all of them into account and we applied almost all the suggested changes to the manuscript, apart from the removal of Subsections 3.1.1, 3.2.1 and 3.2.2. We would like to keep the current structure of sections and subsections to better separate the subjects. Note that we completely removed Section 4.2, as required. Finally, we left the sentence that there is (generally speaking) some missing information in the global models in Colorado, because we do not know the actual gravity data they used in the area and we prefer to avoid speculations stating that there is a limitation of terrestrial data. On the other hand, we clarified that the two used global models are based on the same terrestrial gravity data set.