

The preliminary reply to the anonymous referee #1 (RC1)

This is a short preliminary reply to the anonymous referee #1.

We are grateful to the referee for the detailed analysis of our study and for the insightful comments and suggestions. We agree with all statements made by the referee and we will take into account all of them while revising our paper.

Herewith we just would like to make a note on the technical term “gradient” in order to clarify this issue. The referee is perfectly right in his/her statement that we used this term not in its rigorous meaning. Indeed, we investigated two types of the LWP land-sea difference which we called “short distance gradient” and “long distance gradient”. This quantities in fact should have had the dimension $\text{kg m}^2/(20 \text{ km})$ and $\text{kg m}^2/(80 \text{ km})$. We omitted the denominators for simplicity, in order not to repeat them multiple times. We agree that it was not a good decision.

In the revised version of our paper we will not use the term “gradient”. Instead, we will use the terms “difference” and “contrast”. The latter one seems to be a good choice. Also, the referee used the term “contrast” himself/herself.

Vladimir Kostsov
(on behalf of all authors)