

Please undertake the following technical corrections before publication:

Line 83 of manuscript version 3: add space between 3 and km

Line 313: Solar Zenith Angle

The above two changes were made in the manuscript.

Fig 3: add the OLS fit equation (as in Fig 1) following the request of referee 1

The OLS equation has been added to the figure caption.

Fig 4, left panel: the OLS fit line seems not to fit

A mistake was made when making the figure, The OLS line was incorrect and has been corrected.

Fig 6: mention in the caption that the 1-sigma uncertainties on the x-axis are too small to see

Supplement, end of line 18: remove "in"

The above two changes were made in the manuscript.