

## REVIEW

**“Response of OH airglow emissions to the mesospheric gravity waves and its comparisons with full wave model simulation at a low latitude Indian station” (MS No.: acp-2015-817)**

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The authors have thoroughly revised the manuscript and is now ready to be published. However, some technical corrections are still necessary. Please find some (not complete) suggestions below. The line numbers follow the numbers in the RESPONSE FILE.

Line 30: delete the sentence, “We discuss...” It doesn’t add anything here. Otherwise you need to make a couple sentences on these comparisons.

Line 33: “oftenly”, please replace with another word.

Line 44: please rephrase this sentence “if one knows”...

Line 47: equation not quation

Line 49: Tn, m (space)

Line 64: delete “here”

Line 69: “at the same time”

Line 108: space after full-stop “. ”

Line 129: delete “quite”

Line 138: comma “, in addition ..... conduction, ”

Line 170: “hereinafter”?

Line 172: “26-27” hyphen

Line 67, 196, 376, 379: “, which”

Line 223: “46.8%”

Line 247: “match”

Line 248: “other published results” not “investigators”

Line 247-248: Please rephrase this sentence

Line 261: “between 1.7 and 5.4”

Line 278: “simulations” not models

Line 287-288: “which will successively mask the actual ones”. It is not clear what the “actual ones” are and what you mean by “successively”. Please rephrase this.

Line 302, 304, 389 “, respectively”

Line 304: “30 km”

Line 310: is it variability or difference/change?

Line 312, 317-318: “... agree/agreement with our values”. Should be the other way around, as you compare your results to other published results.

Line 325: delete “undisturbed”

Line 357: delete “Pragati” and “reported”

Line 370: delete “Please”

Line 395: “shown” instead of “plotted”

Line 400: “emission rates” not mission rates

Line 408-409: please specify what emission rate is responsible for this difference?

Line 411: space after “namely,”

Line 420: “(2010 and 2011)”

Line 428: delete "It is evident"

Line 433, 436: write "other published results".. Instead of "investigators"...

Line 432: delete "It is also notable that"

Line 446: "the data used in this study are"

Line 446: length means the coverage / time?

**Reference: Please make sure the ACP style for all entries here. A careful editing is needed.**

**For instance:**

Line 460: no space after ".", but a space after ":"

Line 475: "R. N.,"

Line 479: please rewrite all author names in the ACP style

Line 487: please list all authors, instead of "et al."

Line 489: "A. E.:"

Line 503: "M. P.,"

Line 509: Space after each initial

Line 537: Journal name should be corrected and properly abbreviated

Line 552: "E. R", space needed.

Line 566, 582: replace "&" with "and"

Line 570: "Sonnemann, G., "

Line 582: author names must be in the ACP style

Line 652: write something like "compared to other published results"

Line 666: "years 2010 and 2011"