**To 7 November, 2020**

The Editor

Journal of Atmospheric Science Research

**BRAZIL.**

**From**

Dr. U. Jaya Prakash Raju

Asst. Prof. in Physics,

College of Science,

Bhairdar University,

Ethiopia.

Respected Sir,

Sub: Submission of Manuscript related to Atmospheric Sciences division **“Evaluations of the characteristics of the Tropo-Strato-Mesopause height and temperature variability over Bahir Dar, Ethiopia (11.60 N, 37.30 E) using SABER”**.

It gives me immense pleasure and fortune to publish my research work in your esteemed journal. I am here with enclosing manuscript entitled **“Evaluations of the characteristics of the Tropo-Strato-Mesopause height and temperature variability over Bahir Dar, Ethiopia (11.60 N, 37.30 E) using SABER”** and required documents in covering letter for your kind perusal. Please do the needful for its speedy publication in your journal. Thanking you for your assistance in this regard.

Yours Sincerely

Dr.Raju

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1. A brief description of the novelty and importance of the findings detailed in the paper

The article deals about characterization of three pauses (trop-staro-meso pauses) over Ethiopia for the first time using SABER satellites. These initial results are encouraged to further studies on dynamics of middle atmosphere over this region. Our findings can be used for modelers to input three pauses locations and their temperatures in their middle atmosphere models.

1. Declration

We declare that our article is original and has not been published or submitted to any other journal.

1. Conflict of interest

The authors are not conflict of interest with any one of these areas: Research grants Employment or consultation, Project sponsors, Author’s position on advisory boards or board of directors/management relationships, Multiple affiliation, Other financial relationships/support

1. Informed Consent

All authors are consent with the publication of this article

1. Ethical Approval:

In this article we followed the ethics

Trial Registration

1. Contributorship

Chalachew Lingerew analysed the data and prepared the manuscript.

Jaya Prakash Raju being his advisor in his thesis, he provided the data and edit the manuscript