



SDI Review Form 1.6

Journal Name:	British Journal of Applied Science & Technology
Manuscript Number:	Ms_BJAST_26096
Title of the Manuscript:	Midlatitude Thermospheric Zonal Winds during the Solar Minimum
Type of the Article	Original Research Article

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound.

To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)



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PART 1: Review Comments

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Compulsory REVISION comments		
Minor REVISION comments	1. Professionally, in IEEE style of referencing, the numbering starts with lowest to the highest number, [1] to [20]. Please, author should re-arrange and follow the right format for IEEE. 2. The full meaning of EUV should be given at first appearance. (See line 25). 3. "High latitude forcing", Please, clarify statement. (Line 33). 4. Please correct, the word Fabry Perot. (Line 65). 5. Give full meaning of IMF, line 75. 6. ".....declining phase of the recent solar cycle", line 84. Solar cycle from 2006-2007 is not recent. Please, author should rephrase sentence. 7. "..... at different", line 103. Repetition. 8. What is the caption for figure 3 and 4? 9. Author should separate discussion from the conclusion. Conclusion should be a heading of its own. 10. Graph and discussion should be in synergy with one another. The presentation of results and discussion is confusing. Please, graphs should precede discussion for easy understanding. 11. The end of text referencing do not follow the IEEE format. Please, be consistent with any style chosen.	[1] The numbering has been arranged to start from lowest to highest. [2](EUV)extreme ultraviolet inserted [3]The following modification has been made to clarify statement 'During geomagnetic storms the increases in high latitude heating generate travelling atmospheric disturbances which propagate across midlatitudes to the equatorial region. This high latitude forcing contributes to the energy and momentum of the Earth's thermosphere.' [4] Fabry perot changed to Fabry Perot [5]IMF. Full meaning given. 'Interplanetary magnetic field' [6]Sentence rephrased to 'In this study we use zonal wind data derived by [27] from the CHAMP accelerometer readings using an iterative algorithm to study diurnal wind variation in the mid-latitudes during quiet times in the declining phase of the solar cycle 23'. [7]One of the 'at different' deleted [8] Captions for figures 3 and 4 have already been given.



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<u>Optional/General</u> comments	I find the paper suitable for publication after addressing the issues raised.	[9] Discussion separated from conclusion. Conclusion now a heading of its own. [10] Graphs now preceding discussion. [11] Referencing adjusted to IEEE format.