

Review Form 1.7

Journal Name:	International Astronomy and Astrophysics Research Journal
Manuscript Number:	Ms_IAARJ_115730
Title of the Manuscript:	BEHAVIOR OF THE TOTAL ELECTRON CONTENT DURING GEOMAGNETIC STORM 17 MARCH 2015 OVER THE ARCTIC REGION
Type of the Article	

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)
<p>Compulsory REVISION comments</p> <p>1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript)</p> <p>2. Is the title of the article suitable? (If not please suggest an alternative title)</p> <p>3. Is the abstract of the article comprehensive?</p> <p>4. Are subsections and structure of the manuscript appropriate?</p> <p>5. Do you think the manuscript is scientifically correct?</p> <p>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</p> <p>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</p>	<p>1. YES. THE IONOSPHERE IS VERY DYNAMIC AND HENCE IT IS IMPORTANT FOR IT TO BE STUDIED CONTINUOUSLY.</p> <p>2. THE TITLE IS VAGUE. CONSIDER CHANGING IT TO "THE IONOSPHERIC TOTAL ELECTRON CONTENT RESPONSE TO THE GEOMAGNETIC STORM OF 17TH -18TH MARCH 2015 OVER THE ARCTIC REGION"</p> <p>3. THE ABSTRACT IS TOO SHALLOW. PLEASE INCLUDE A GENERAL INTRODUCTION TO THE TOPIC AND A BREIF SUMMARY OF THE MAIN RESULTS AND THEIR IMPLICATIONS.</p> <p>4. THE SUBSECTIONS ARE APPROPRIATE BUT NEEDS BEEFING UP i.e. INTRODUCTION: IDENTIFY THE GAPS AND BRING IN YOUR STUDY. DATA AND METHOLOGY: OUTLINE HOW TEC DATA, SOLAR WIND PARAMETERS AND GEOMAGNETIC INDICES (SYM-H & AE) WERE OBTAINED, PROCESSED AND PLOTTED. RESULTS AND DISCUSSIONS: IT IS VERY SHALLOW. PRESENT AND DISCUSS YOUR RESULTS IN DEPTH USING THE FIGURES. CONCLUSION: BRING OUT THE MAIN FINDINGS OF YOUR RESEARCH</p> <p>5. THE MANUSCRIPT IS SCIENTIFICALLY CORRECT.</p> <p>REFERENCES: NOT SUFFICIENT. CONSIDER ADDING RECENT REFERENCES i.e. 2020, 2021, 2022, 2023 and 2024</p>	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	<p>THE LANGUAGE IS OF GOOD QUALITY. HOWEVER THE AUTHOR SHOULD CHECK ON THE VARIOUS GRAMMATICAL MISTAKES THAT ARE NOTED IN THE PAPER.</p> <p>THE AUTHOR SHOULD ALSO CHECK ON THE FLOW OF THE PAPER. FOR EXAMPLE THE AUTHOR BEGAN TALKING OF TEC BEFORE DEFINING IT THE INITIAL STAGES ETC.</p>	
<p>Optional/General comments</p>	<p>THIS I S A GOOD PAPER THAT WILL BRING OUT THE IONOSPHERIC DYNAMICS OVER HIGH LATITUDE REGIONS DURING INTENSE GEOMAGNETIC STORMS.</p> <p>CHECK ON THE COMMENTS HIGHLIGHTED IN THE MANUSCRIPT IN RED AND WORK ON THEM.</p>	

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PART 2:

	Reviewer's comment	Author's comment <i>(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)</i>
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i> NO	

Reviewer Details:

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