



SDI Review Form 1.6

Journal Name:	Advances in Research
Manuscript Number:	Ms_AIR_50822
Title of the Manuscript:	SYNOPTIC ANALYSIS OF A PERIOD WITH ABOVE-NORMAL PRECIPITATION DURING THE DRY SEASON IN SOUTHEASTERN BRAZIL
Type of the Article	Original Research Article

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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		
Optional/General comments	<p>It should be noted that this kind of analysis permeates all the time scales that deserve attention in the management and operation environment of several sectors. In terms of climatology, it was observed that rainfall volumes were established above the climatology and also beyond what was predicted on the seasonal scale. In addition, this synoptic-scale atmospheric pattern can present its first evidence about 7 to 10 days in advance, thus alerting that a phenomenon with potential for anomalous severity has a high probability of occurrence. Finally, once the configuration is established, there is continuous monitoring of the meteorological variables and atmospheric instability indices, a process carried out with particular caution in nowcasting. In this sense, it is essential to emphasize the relevance that short-term meteorological phenomena can exert on the historical averages and seasonal forecasting.</p> <p>From the synoptic point of view, this atmospheric configuration in the dry season has expressive intensity with respect to extreme weather episodes, despite the low frequency at this time of year (austral winter). This type of investigation has great importance, so that such severe events could be better identified in weather forecasting. Therefore, more detailed studies are needed to examine other possible dynamic and thermodynamic mechanisms involved in these meteorological situations. In this way, it will be also possible to investigate its climatology and trends over the last decades.</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>	

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