SDI Review Form 1.6

Journal Name:	Asian Journal of Probability and Statistics
Manuscript Number:	**Ms_AJPAS_43141**
Title of the Manuscript:	**ANALYSIS OF RAINFALL PATTERN IN THE WESTERN REGION OF GHANA**
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)

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	**The number of data points used for the study which is 99, is highly inadequate for a statistically based research as this.** **Secondly, an appropriate model which fits the rainfall pattern over Western Region of Ghana and could be used to estimate future rainfall amounts (which is one of the objectives of the study) cannot be derived using few data points.** **I guess the data is monthly rainfall not daily. This was neither stated in the abstract nor introduction.**	The data collected were nominal daily rainfall recorded (1485) aggregated into monthly rainfall value (99 data point) from 2006 to 2016. Authors have stated it in the abstract.
Minor REVISION comments	Line 35 – 36 should be restated to reflect its correct meaning. Reference citation in line 44 -45 should be appropriately done. Line 60 -69, dwelt so much on rain gauge and thus some irrelevant details that has little or nothing to do with the study were included. This was extended to line 71 – 77. Line 78 – 81 should be rephrased. Line 86; One of the methods deployed for this research is time series analysis…. In stating the aim of the study in Line 93, include the complete name of the study area. Rearticulate Line 97 – 99 to remove the indistinctness in the meaning. Line 101; Chapter 2 heading should be Methods and Data, as no materials were used in the study. Line 448 – 500; The references should be properly arranged.	Correction effected Correction effected Line 60-69 and 71-77 has been expunged and rephrase to suit appropriately Correction effected. Name has already been stated (Western Region, Ghana) Correction effected Correction effected Corrections effected
Optional/General comments		