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A Rainfall Distribution for the Lampao Site in the Chi River Basin, Thailand

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ABSTRACT

In this study, the four-parameter kappa distribution with L-Moments estimation has been used to fit the distribution of weekly rainfall data at Lampao in the Chi River Basin, Thailand. The weekly precipitations with probabilities 0.75 were estimated, and the extreme rainfall estimates obtained can be used for water and agriculture management.

KEYWORDS

L-Moments; Four Parameters Kappa Distribution; Goodness of Fit Test

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