

The estimation of evapotranspiration by climate models for Western Nepal

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ABSTRACT:

Evapotranspiration values are used in many agricultural and engineering applications. There are many empirical formulas to compute evapotranspiration. In Nepalese conditions, Penman and Monteith method is the best to estimate evapotranspiration. All the climatic parameters required to estimate evapotranspiration by Penman and Monteith method for all the rainfall points were not available. Therefore, various models were developed to expand the climatic parameters for all the rainfall points and thus evapotranspiration were finally calculated.

Keywords: Western Nepal, Penman and Monteith method, CROPWAT
