

Class notes for B.A. Part - 01. (Hons.)  
Paper - 01, Physical Geography.  
Unit - 04, Koeppen's classification of  
climate - Part - 01.  
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## Koeppen's climatic classification (Part - 01)

- The first and most widely used classification of climate was developed by V. Koeppen.
- His classification of climate is "Empirical".
  - ⇒ It is based on interrelationship between the distribution of vegetation and climate.
- He selected certain values of temperature and precipitation and related them to the distribution of vegetation and used these values for classifying the climates.
  - ⇒ It is an empirical classification based on mean annual and mean monthly temperature and precipitation data.
  - ⇒ He introduced the use of capital and small letters to designate climatic groups and types.

Table: Climatic Groups According to Koepfen

Group.	Characteristics.
(A) - Tropical	Avg. temp. of the coldest month is $\geq 18^{\circ}\text{C}$ .
(B) - Dry climates.	Potential evaporation exceeds precipitation.
(C) - Warm temperate.	The avg. temp. of the coldest month of the mid latitude climate year is higher than minus $3^{\circ}\text{C}$ but below $18^{\circ}\text{C}$ .
(D) - cold snow forest climate	The average temperature of the coldest month is minus $3^{\circ}\text{C}$ or below.
(E) cold climates	Average temperature for all months is below $10^{\circ}\text{C}$ .
(H) High Land	Cold due to elevation.

Although developed in 1918 and modified over a period of time, Koepfen's scheme is still popular and in use.

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