

ABBREVIATIONS USED FOR BIOCLIMATIC VARIABLES

Label	Variable	Scaling Factor	Units
BIO1	Annual Mean Temperature	10	Degrees Celsius
BIO2	Mean Diurnal Range (Mean of monthly (max temp - min temp))	10	Degrees Celsius
BIO3	Isothermality (BIO2/BIO7)	100	Dimensionless
BIO4	Temperature Seasonality (Standard Deviation)	100	Degrees Celsius
BIO5	Max Temperature of Warmest Month	10	Degrees Celsius
BIO6	Min Temperature of Coldest Month	10	Degrees Celsius
BIO7	Temperature Annual Range (BIO5-BIO6)	10	Degrees Celsius
BIO8	Mean Temperature of Wettest Quarter	10	Degrees Celsius
BIO9	Mean Temperature of Driest Quarter	10	Degrees Celsius
BIO10	Mean Temperature of Warmest Quarter	10	Degrees Celsius
BIO11	Mean Temperature of Coldest Quarter	10	Degrees Celsius
BIO12	Annual Precipitation	1	Milimeters
BIO13	Precipitation of Wettest Month	1	Milimeters
BIO14	Precipitation of Driest Month	1	Milimeters
BIO15	Precipitation Seasonality (Coefficient of Variation)	100	Fraction
BIO16	Precipitation of Wettest Quarter	1	Milimeters
BIO17	Precipitation of Driest Quarter	1	Milimeters
BIO18	Precipitation of Warmest Quarter	1	Milimeters
BIO19	Precipitation of Coldest Quarter	1	Milimeters
CONS_MTHS	Maximum Number of Consecutive Dry Months	1	Count

Bioclimatic variables are derived from the monthly temperature and rainfall values in order to generate more biologically meaningful variables. The bioclimatic variables represent annual trends (e.g., mean annual temperature, annual precipitation) seasonality (e.g., annual range in temperature and precipitation) and extreme or limiting environmental factors (e.g., temperature of the coldest and warmest month, and precipitation of the wet and dry quarters). A quarter is a period of three months (1/4 of the year).