Table 3. Climatic types from Classification of Köppen modified for García (1973) depicting climate diversity in Michoacan province.

| Climatic type | Temperature description | Precipitation description |
| :---: | :---: | :---: |
| (A)C(m) | Semi-warm wet group C, mean annual temperature over $18^{\circ} \mathrm{C}$, temperature of coldest month less $18^{\circ} \mathrm{C}$, and warmer month temperature exceeds $22^{\circ} \mathrm{C}$. | Summer rainfall, precipitation of driest month greater than 40 mm ; percentage winter rainfall from $5 \%$ to $10.2 \%$ of annual total. |
| (A)C(w1) | Semi-warm subhumid group C, mean annual temperature over $18^{\circ} \mathrm{C}$, coldest month temperature below $18^{\circ} \mathrm{C}$, and temperature hotter month over $22^{\circ} \mathrm{C}$. | Precipitation of driest month less than 40 mm ; summer rains with precipitation/temperature index between 43.2 and 55, winter rain rate from $5 \%$ to $10.2 \%$ per annum.. |
| (A)C(w2) | Semi-warm subhumid group C, mean annual temperature over $18^{\circ} \mathrm{C}$, temperature of coldest month less $18^{\circ} \mathrm{C}$, temperature hotter month over $22^{\circ} \mathrm{C}$. | Precipitation of driest month less than 40 mm ; summer rains with precipitation/temperature index greater than 55 and percentage winter rainfall from $5 \%$ to $10.2 \%$ of the annual total. |
| (A)C(wo) | Semi-warm subhumid group C, mean annual temperature over $18^{\circ} \mathrm{C}$, the coldest month temperature below $18^{\circ} \mathrm{C}$, temperature hotter month over $22^{\circ} \mathrm{C}$. | Precipitation of driest month less than 40 mm ; summer rains with precipitation/temperature lower index of 43.2, and winter rain rate from $5 \%$ to $10.2 \%$ of the annual total. |
| Aw1 | Warm subhumid, mean annual temperature over $22^{\circ} \mathrm{C}$ and coldest month temperatures over $18^{\circ} \mathrm{C}$. | Precipitation of driest month less than 60 mm ; summer rains with precipitation/temperature index between 43.2 and 55.3 and winter rain rate of $5 \%$ to $10.2 \%$ of the annual total |
| Awo | Warm subhumid, mean annual temperature over $22^{\circ} \mathrm{C}$ and coldest month temperatures over $18^{\circ} \mathrm{C}$. | Precipitation of driest month between 0 and 60 mm ; summer rains with precipitation/temperature lower index 43.2 and winter rain rate from $5 \%$ to $10.2 \%$ of the annual total. |
| BS1(h')w | Warm semiarid, mean annual temperature over $22^{\circ} \mathrm{C}$, the coldest month temperature over $18^{\circ} \mathrm{C}$. | Summer rainfall and winter rainfall rate from $5 \%$ to $10.2 \%$ of the annual total. |
| BSo(h')w | Arid, warm, average annual temperature above $22^{\circ} \mathrm{C}$, the coldest month temperature over $18{ }^{\circ} \mathrm{C}$. | Summer rainfall and winter rainfall rate from $5 \%$ to $10.2 \%$ of the annual total. |
| C(m) | Temperate, humid, average annual temperature between $12^{\circ} \mathrm{C}$ and $18^{\circ} \mathrm{C}$, temperature of coldest month between $-3^{\circ} \mathrm{C}$ and $18^{\circ} \mathrm{C}$ and temperature of the warmest month under $22^{\circ} \mathrm{C}$. | Rainfall in the driest month less than 40 mm ; summer rains and winter rain rate from $5 \%$ to $10.2 \%$ of the annual total. |
| C(w1) | Temperate, subhumid, average annual temperature between $12^{\circ} \mathrm{C}$ and $18^{\circ} \mathrm{C}$, temperature of the coldest month between $-3^{\circ} \mathrm{C}$ and $18^{\circ} \mathrm{C}$ and temperature of the warmest month under $22^{\circ} \mathrm{C}$. | Rainfall in the driest month less than 40 mm ; summer rains with precipitation/temperature index between 43.2 and 55 and winter rain rate from $5 \%$ to $10.2 \%$ of the annual total. |
| C(w2) | Temperate, subhumid, average annual temperature between $12^{\circ} \mathrm{C}$ and $18^{\circ} \mathrm{C}$, temperature of the coldest month between $-3^{\circ} \mathrm{C}$ and $18^{\circ} \mathrm{C}$ and temperature of the warmest month under $22^{\circ} \mathrm{C}$. | Rainfall in the driest month less than 40 mm ; summer rains with precipitation/temperature index greater than 55 and percentage winter rainfall from 5 to $10.2 \%$ of the annual total. |


| C(wo) | Temperate, subhumid, average annual temperature between $12^{\circ} \mathrm{C}$ and $18^{\circ} \mathrm{C}$, temperature of the coldest month between $-3^{\circ} \mathrm{C}$ and $18^{\circ} \mathrm{C}$ and temperature of the warmest month under $22^{\circ} \mathrm{C}$. | Rainfall in the driest month less than 40 mm ; summer rains with precipitation/temperature lower index 43.2 and percentage of winter precipitation from 5\% to $10.2 \%$ of the annual total. |
| :---: | :---: | :---: |
| Cb'(m) | Semi-cold, wet with fresh summer long, annual average temperature between $5^{\circ} \mathrm{C}$ and $12^{\circ} \mathrm{C}$, temperature of coldest month between $-3^{\circ} \mathrm{C}$ and $18^{\circ} \mathrm{C}$, temperature of the hottest month under $22^{\circ} \mathrm{C}$. | Precipitation in the driest month lower than 40 mm ; percentage summer rainfall and winter rainfall between 5 and $10.2 \%$ of the annual total. |
| Cb'(w2) | Semi-cold, subhumid with fresh summer long, annual average temperature between $5^{\circ} \mathrm{C}$ and $12^{\circ} \mathrm{C}$, temperature of coldest month between $-3^{\circ} \mathrm{C}$ and $18^{\circ} \mathrm{C}$, temperature of the hottest month under $22^{\circ} \mathrm{C}$. | Rainfall in the driest month lower than 40 mm ; summer rains and winter rain rate from 5 to $10.2 \%$ of the annual total. |

