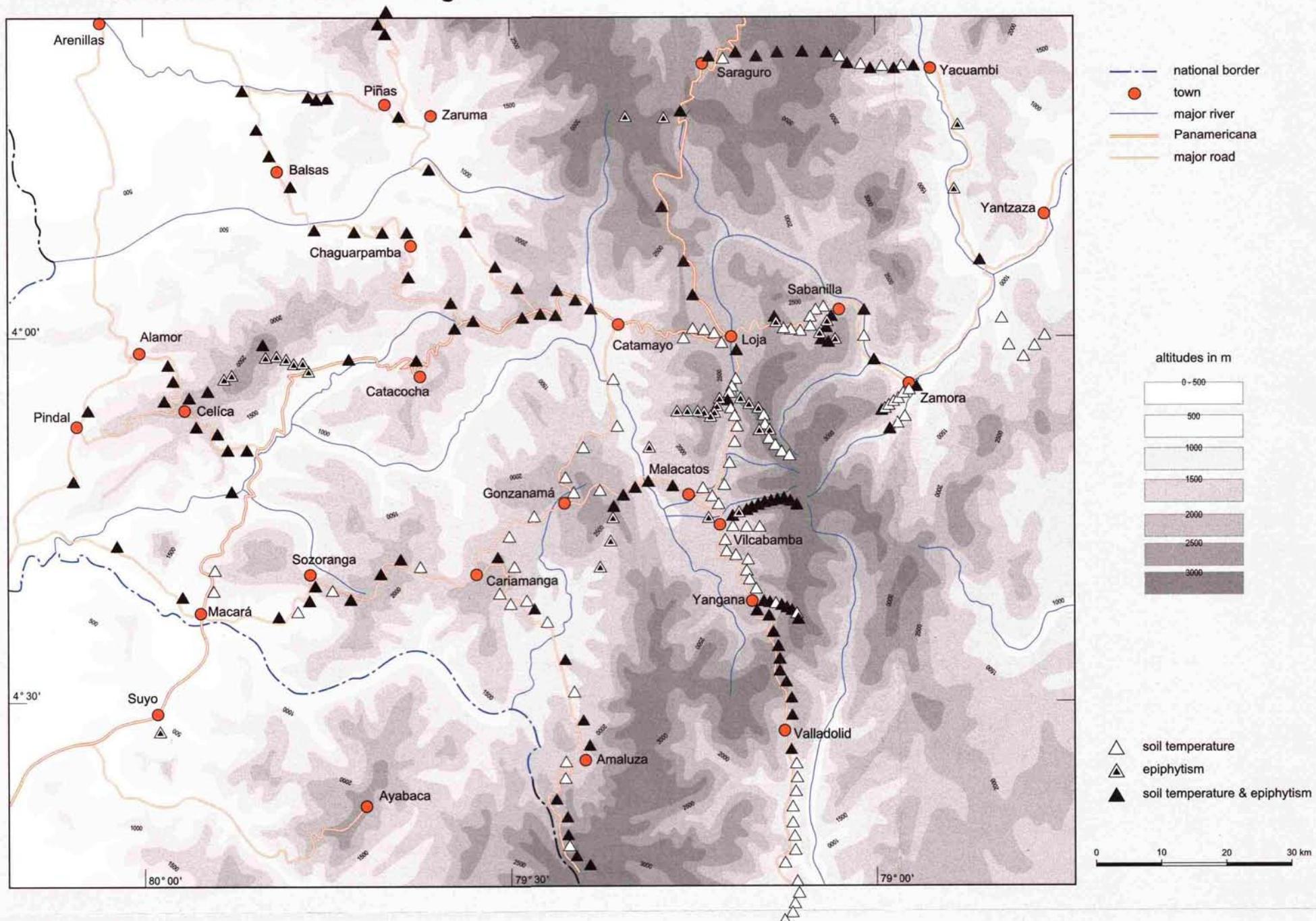
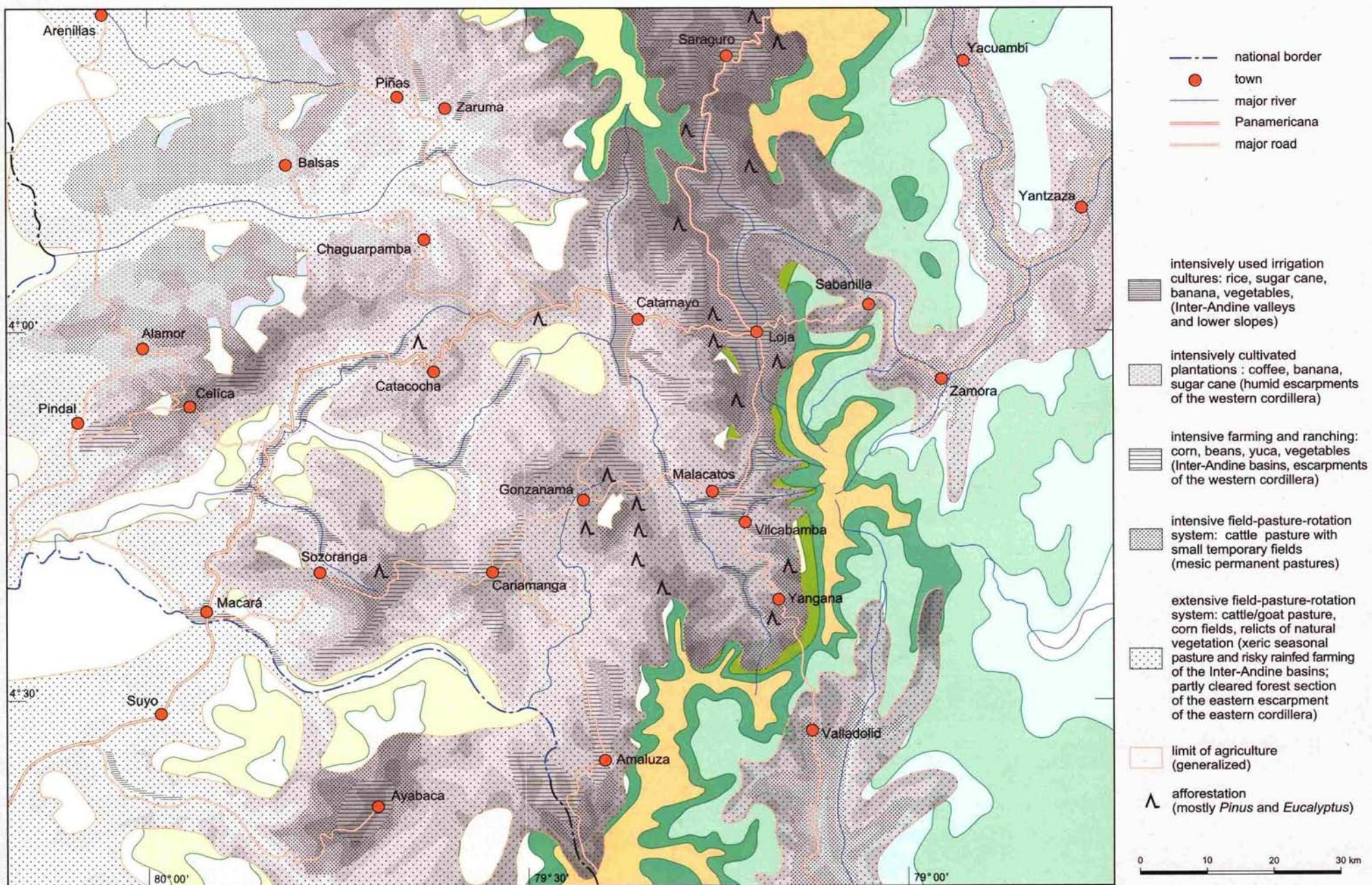


Map 1: Location of singular measurements and samples in southern Ecuador

Lokalitäten der Einzelerhebungen in Süd-Ecuador

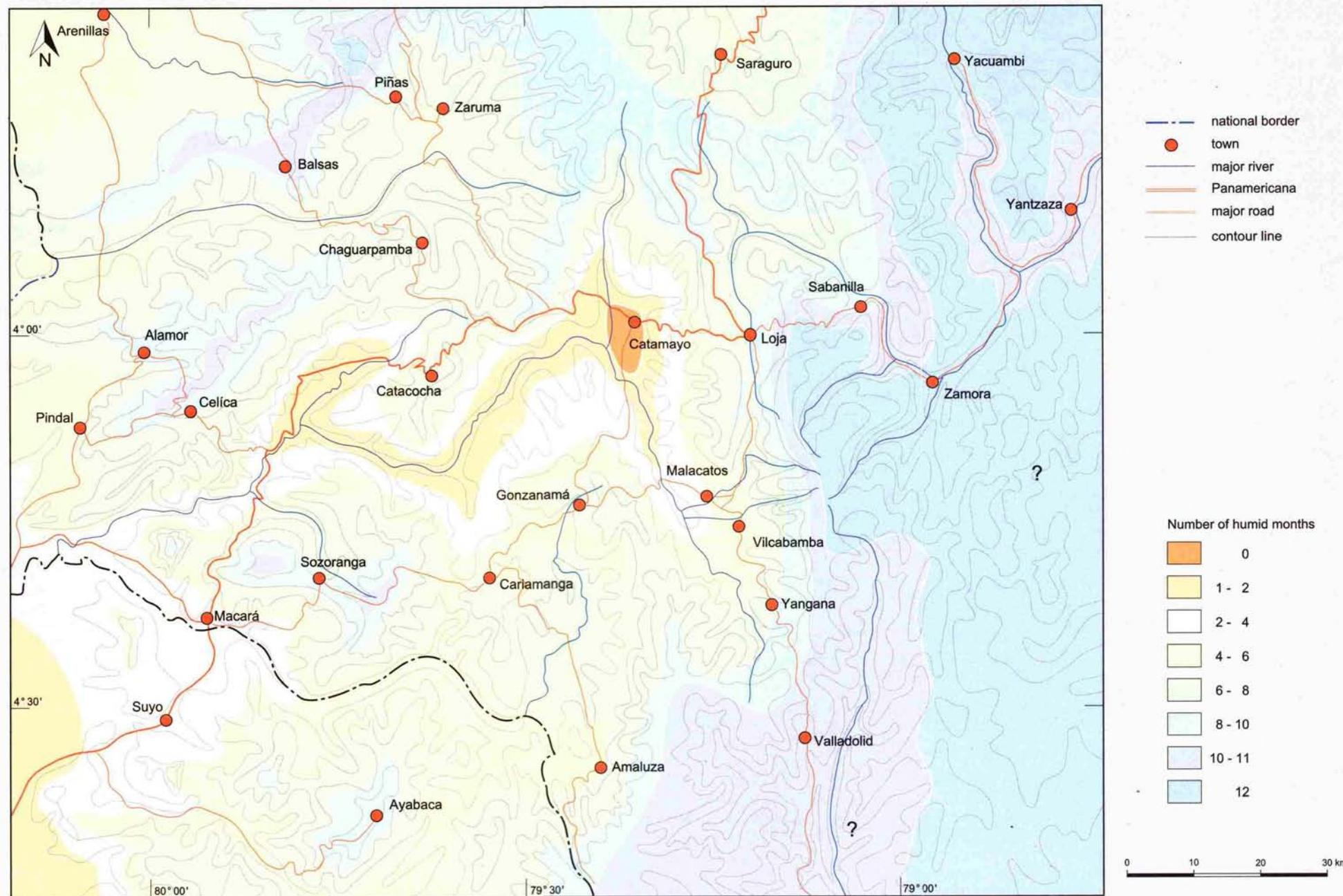


Map 2: Landuse and relicts of natural vegetation in southern Ecuador
Landnutzung und Reste der natürlichen Vegetation in Süd-Ecuador



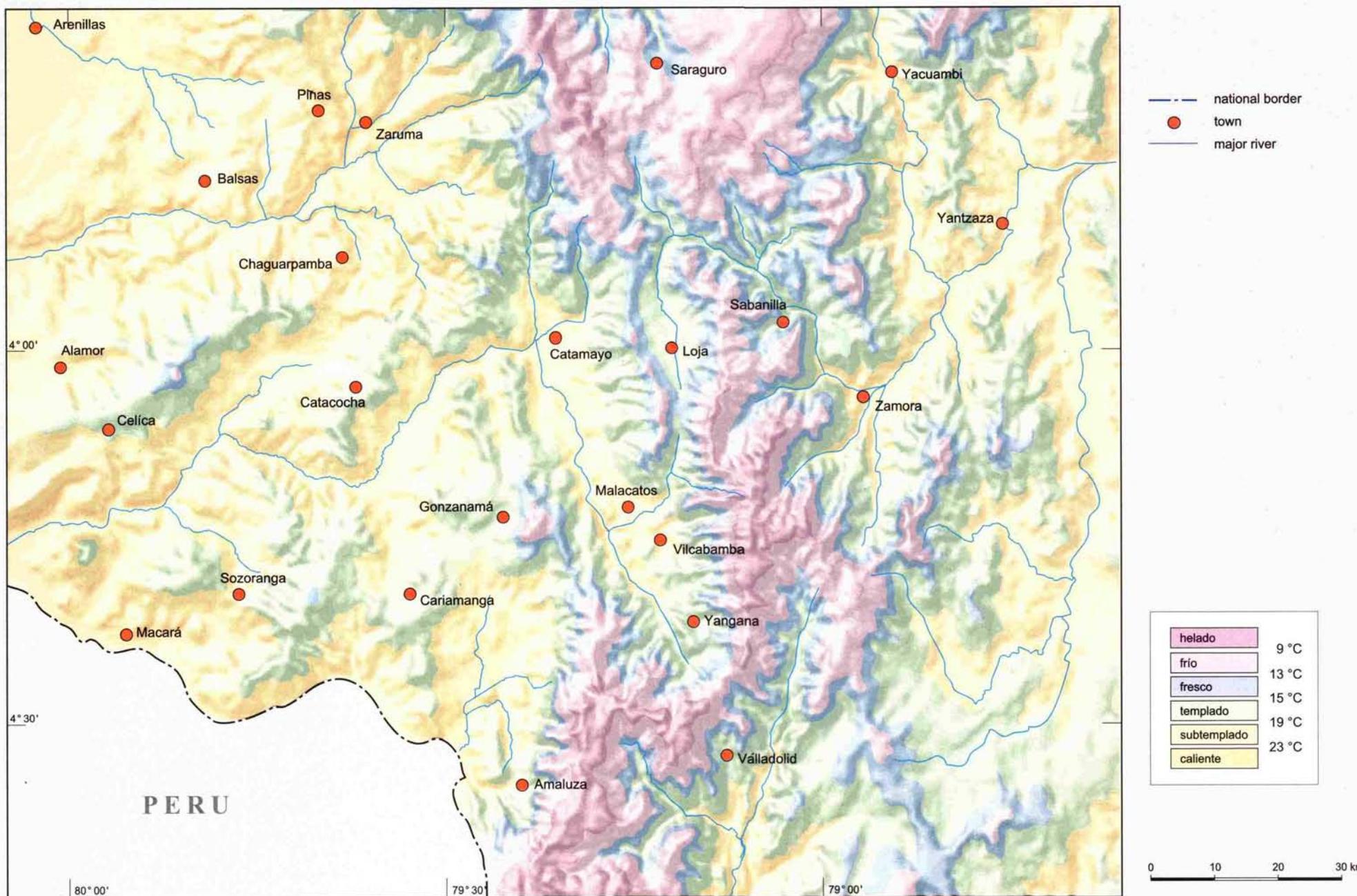
Map 3: Number of humid months in southern Ecuador

Anzahl der humiden Monate in Süd-Ecuador

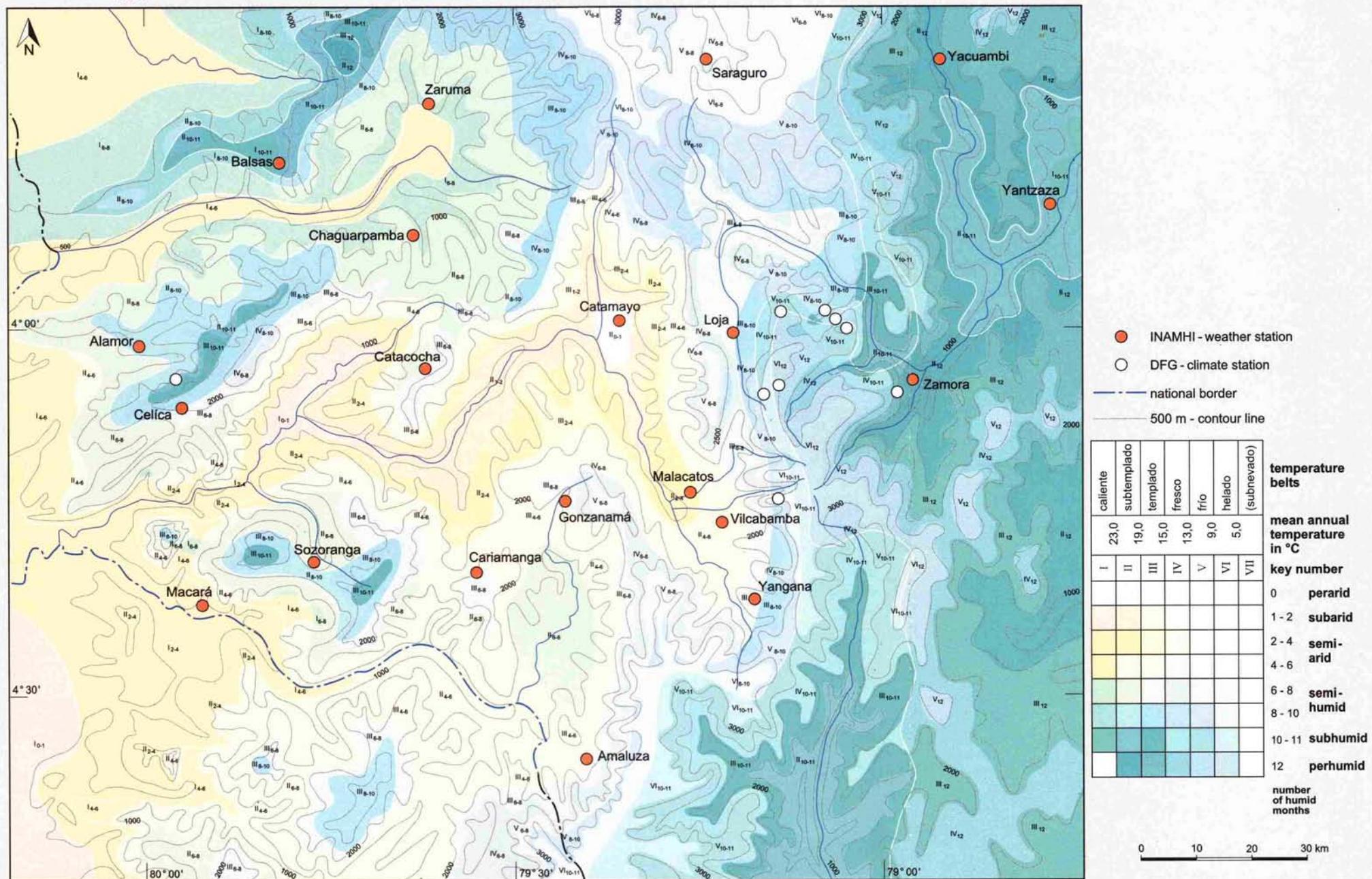


Map 4: Thermal differentiation of southern Ecuador

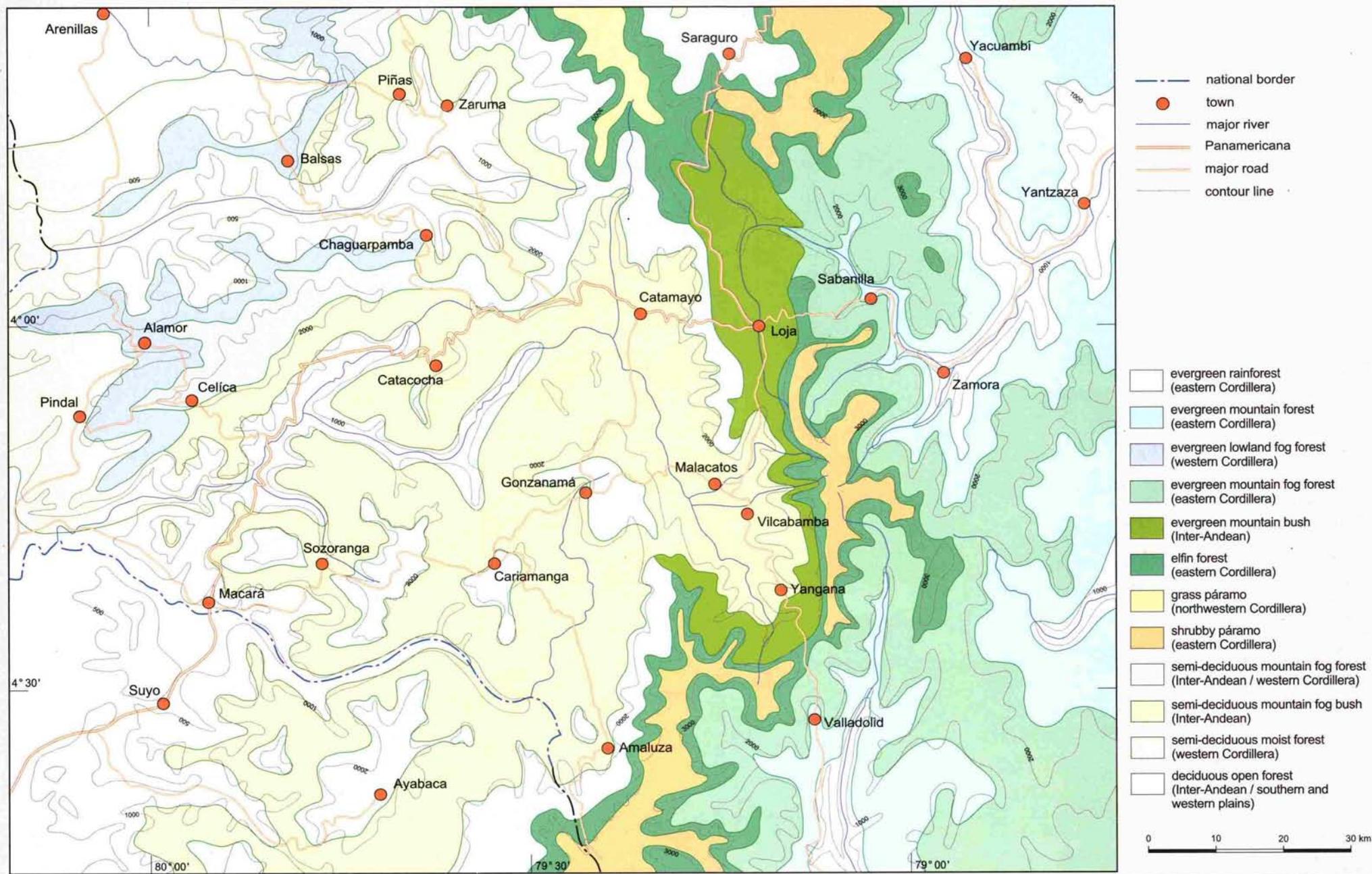
Thermische Differenzierung in Süd-Ecuador



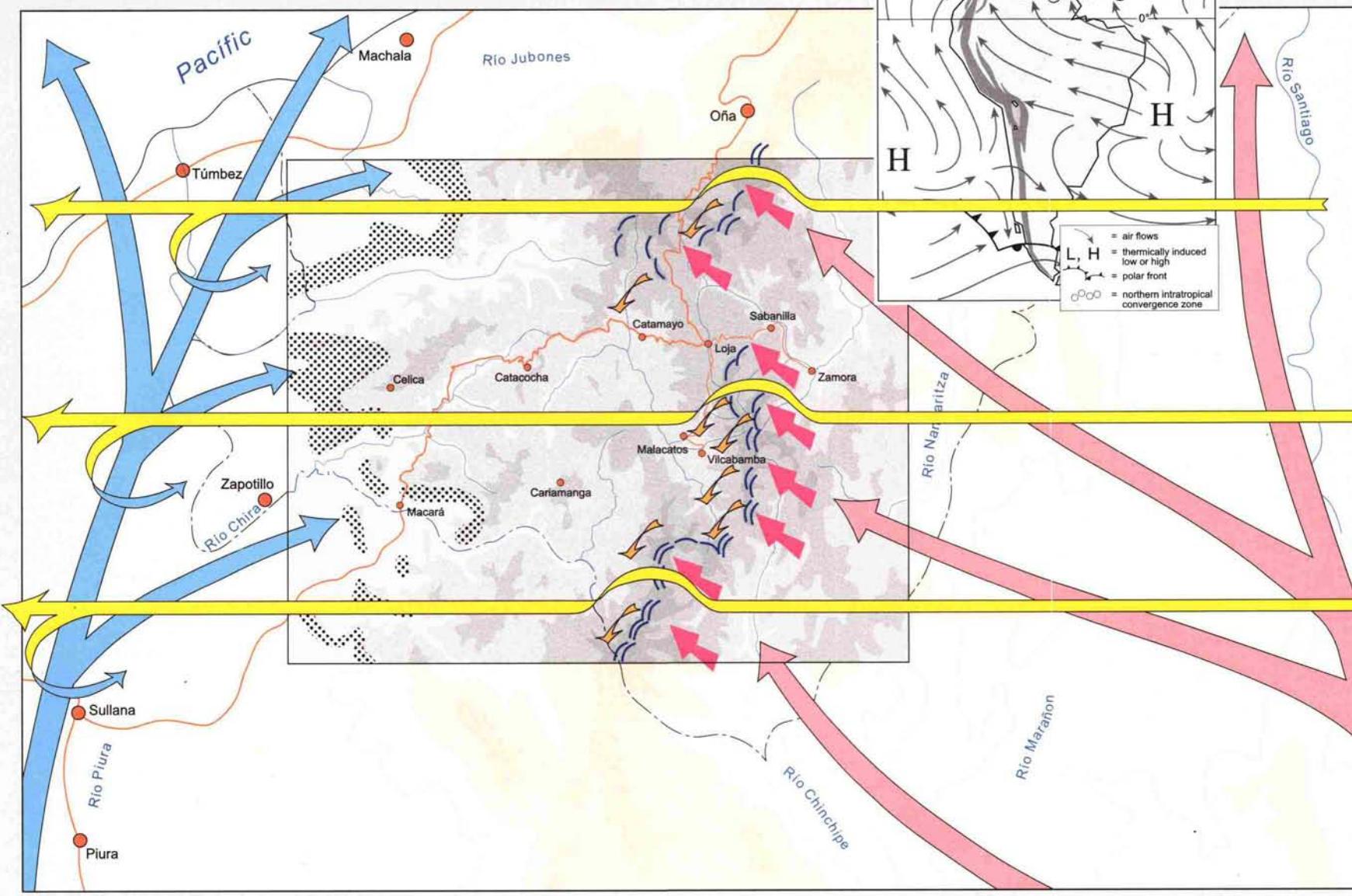
Map 5: Hygro - thermal climate differentiation of southern Ecuador
Hygrothermische Klimadifferenzierung in Süd-Ecuador



Map 6: Potential natural vegetation in southern Ecuador derived from temperature and humidity patterns
Potentielle natürliche Vegetation in Süd-Ecuador, abgeleitet aus den Temperatur- und Humiditätsmustern



Map 7: Air streams over southern Ecuador (July)
Strömungsverhältnisse über Süd-Ecuador (Juli)



- SE-trades with dynamic upstreams diverging towards the eastern Cordilleras ca. 1000 - 900 hPa
- turbulent upstreams by diverging trades
- whirlclouds
- SE-trade with dynamic upstreams diverging towards the western Cordilleras
- orographic fogs
- foehns in the daytime
- easterlies with downward vortices ca. 700 - 500 hPa

0 20 40 60 km

Map 8: Air streams over southern Ecuador (February)
Strömungsverhältnisse über Süd-Ecuador (Februar)

