

The Tropical Andes

Spatial Reference

Name: South America Lambert

Conformal Conic

PCS: South America Lambert

Conformal Conic

GCS: GCS South American 1969

Datum: South American 1969

Projection: Lambert Conformal
Conic

Central Meridian: -60.0000

Latitude of Origin: -32.0000

Longitude of Origin: 0.0000

Latitude of Center: 0.0000

Longitude of Center: 0.0000

Latitude of 1st: 0.0000

Longitude of 1st: 0.0000

Latitude of 2nd: 0.0000

Longitude of 2nd: 0.0000

False Easting: 0.0000

False Northing: 0.0000

Central Parallel: 0.0000

Standard Parallel: -5.0000

Standard Parallel 2: -42.0000

Lambert Conformal Conic preserves the shape of regions while minimally distorting area. This is seen as Tissot's ellipses grow in size as you reach the outside edges of the map. For this reason, I chose the South America Lambert Conformal Conic which centers South America, minimizing distortion as much as possible.

Darlene Highsmith; September 10, 2018

